BC Geological Survey
Assessment Report
39466

Ministry of Energy, Mines & Petroleum Resources
Mining & Minerals Division
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Mapping, Geochemistry, Geophysics, Drilling **TOTAL COST:** 2,534,190.12

AUTHOR(S): M. Seabrook, D.L. Pighin, and W. Rose **SIGNATURE(S):**

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): MX-5-758 **YEAR OF WORK:** 2021

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5834465, 5834513, 5834579, 5834690

PROPERTY NAME: Vine

CLAIM NAME(S) (on which the work was done): 380411, 380412, 380419, 505887, 506177, 506175, 506174, 506176, 1047053, 506173, 506780, 832821, 506091, 506105, 506144, 506147, 506156, 506148, 506092, 506089, 506090, 505883, 505884, 505880, 505881, 505882, 380413, 380415, 380417, 380419, 938676, 505887, 380420, 1064265, 938675, 938674

COMMODITIES SOUGHT: Lead, Zinc

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 082GSW050

MINING DIVISION: Fort Steele **NTS/BCGS:** 082G/5

LATITUDE: 49 ° 25 '18N " **LONGITUDE:** -115 ° 49 '40W " **(at centre of work)**

OWNER(S):
1) PJX Resources Inc. 2)

MAILING ADDRESS:
5600 - 100 King Street West
Toronto, Ontario, M5X 1C9

OPERATOR(S) [who paid for the work]:
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PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
Aldridge, Purcell Supergroup, SEDEX, Proterozoic, Moyie Fault, Quartzite, Granofels, Strataform, Lead, Zinc, Galena, Sphalerite

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 38884, 37242, 36347, 35806, 34937, 34339, 33874, 32855, 29479, 28728, 28201, 27624, 23740, 20518, 17899, 16456, 10221, 10220, 07677, 06936, 06863, 06543, 06498

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TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping	41days at 1:2500	506174, 506175, etc.	68,969.25
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic	41 line km	506174, 506175, etc.	51,910.00
Electromagnetic	41 line km	506174, 506175, etc.	included above
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil	329 samples	506174, 506175, etc.	20,783.28
Silt			
Rock			
Other	Biogeochemistry 470 samples	506174, 506175, etc.	91,263.82
DRILLING (total metres; number of holes, size)			
Core	11350.45m , 19 holes , HQ	506174, 506175, etc.	2,044,291.94
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	2,534,190.12

Print Form

Diamond Drilling, Geological Mapping, Geochemistry, and Geophysics on the Vine Property Southeastern British Columbia

Mineral Tenure: 380410 *et al.*

NTS map sheet 082G
1:20,000 trim map sheets 082G031, 082G032, 082G041, 082G042,
Centered at UTM NAD83, 585000E, 5475000N
-115º49”40”W, 49º25’18”N

Fort Steele Mining Division

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July 18, 2021

Diamond Drilling, Geological Mapping, Geochemistry, and Geophysics on the Vine Property Southeastern British Columbia Mineral Tenure: 380410 *et al.*

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Introduction

Exploration on the Vine property by PJX Resources Inc. has been ongoing since the company first acquired the property in 2012. The Vine project is a continuation of previous efforts to investigate geological targets and evaluate geophysical anomalies. The projects primary method of exploration has been diamond drilling as targets at prospective horizons are relatively deep. Geophysical surveys have assisted in establishing prospective zones within the geological horizons through modeling. This report describes the diamond drilling that took place from 2017 to 2020 on the Vine property, targeting Sullivan style SEDEX indicators from the lower-middle Aldridge contact (LMC) to the Footwall quartzite within the Lower Aldridge stratigraphy.

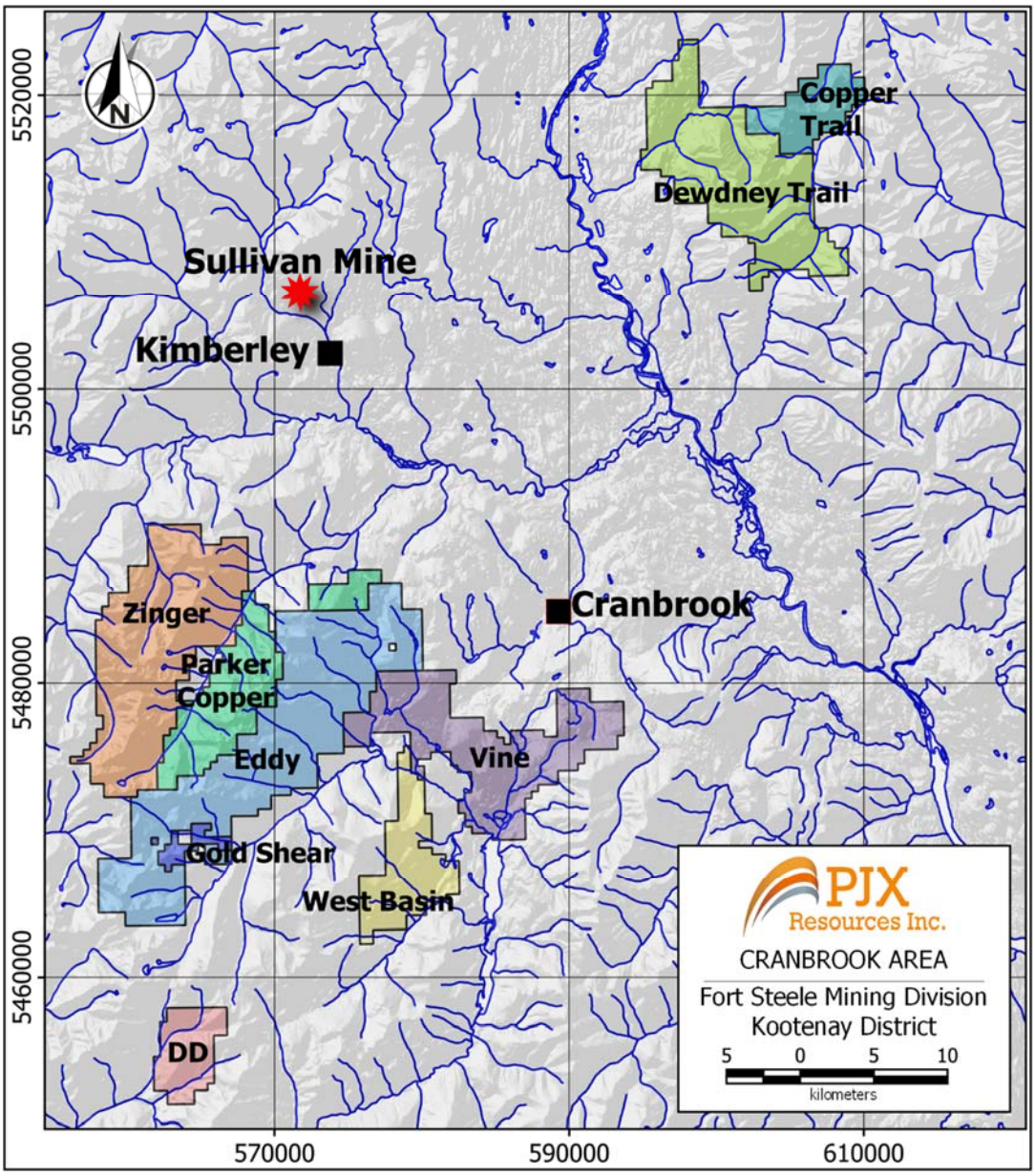

Figure 1: Regional map of PJX Resources Inc. Cranbrook properties

Location, Access, and Physiography.

The Vine property is located 12km south by southwest of Cranbrook, due north of Moyie Lake. To access the property from Cranbrook, travel 20.1km south on Highway 3 (Crow's Nest Hwy). Turn left on Hidden Valley Rd. and travel 3km to enter the southern claim boundary. 4x4 is not necessary to access most of the property although several forest service roads and mine access roads are not suitable for two wheel drive vehicles and some of these roads are not drivable in the winter months without plowing.

The property is within the Purcell Mountain Range west of the Rocky Mountain Trench. Topographic relief throughout the property is low to moderate. The area of the recent exploration lies along Peavine Cr. in the valley bottom northeast of the Vine deposit (Minfile #082GSW050). The elevation ranges from 1705m along the southeast slope of the Hidden Valley to 930m at Moyie Lake. The Hidden Valley is home to several agricultural land owners with livestock grazing land, and in several areas of topographically depressed regions, wetlands are present. The hillsides are highly forested with mostly spruce, pine and fir northern species and lesser larch. Bedrock exposure is sparse and thick glacial gravels cover large areas of the Vine property though excellent access offsets the relative lack of outcrops.

Exploration History

In the late 1970's massive sulphide boulders containing lead, zinc and silver were discovered on a forestry road in the Peavine Cr. drainage. Cominco Ltd. began exploring by airborne electromagnetic and magnetic survey in 1976 and identified anomalies that were believed to be bedrock conductors (Webber, 1977a), in the same year, four soil geochemical survey grids were sampled by Cominco Limited (Batchelor, 1977a,b,c; Webber, 1977b). The Vine Vein (Minfile #082GSW050) was drilled in 1977 from four diamond drill holes (Webber, 1978a) and by 1988 Cominco Ltd. had drilled 11 diamond drill holes and 2 percussion drill holes on the property for a total of 4658m (Webber, 1978b,c, 1979; Pighin, 1981, 1982; Hagen, 1987, 1988).

The vein portion of the Vine property was acquired by Kokanee Exploration Ltd. in 1989 who drilled an additional four holes into the vein (Stephenson, 1990). Before Consolidated Ramrod Gold Corp. acquired Kokanee Exploration a pre-NI43-101 compliant resource evaluation was conducted resulting in 264,000 tons proven at 5.2% Pb, 2.24% Zn, 1.96 oz/t Ag and 0.056oz/t Au. A probable resource calculation was 337,000 tons at 4.22% Pb, 2.51% Zn, 1.16oz/t Ag, and 0.05oz/t Au.

During the exploration of the Vine vein, drilling by Cominco and Kokanee Exploration intersected quartzites down section from the LMC (Lower/ Middle Aldridge Contact) which are believed to be correlative with the Footwall Quartzite (FWQ) unit that lie beneath the Sullivan ore body. Kokanee Exploration drilled additional holes in 1990 and discovered a mineralized zone at the base of the FWQ (internal document). Drill hole KV90-41 intersected 3.5m of massive sulphides consisting of mainly pyrrhotite with lesser galena, sphalerite, and chalcopyrite. Sampling of the 3.5m zone indicated grades of 4.34% lead, 2.08% zinc, 42 g/t silver, 0.11 g/t gold and 0.41% copper. Though the footwall contact of the intersection was

highly distorted, the upper contact was clearly bedding parallel. The bedded contact suggests that the mineralization at the base of the FWQ is potentially SEDEX in origin.

After acquiring Kokanee Exploration Ltd, Consolidated Ramrod intersected mineralization at the base of the FWQ approximately 200m down dip of the initial discovery by Kokanee. Drill hole KV94-57 intersected massive sulphides at the base of the FWQ; though the zone is thinner than that of KV90-41, and highly distorted by tectonism (Pighin, 1995). No recorded work was conducted between 1995 and 2000 in which time the claims lapsed and were staked by Supergroup Holdings Ltd.

Ruby Red Resources Inc., explored the Vine Property by ground EM surveys (Klewchuck, 2004, 2006a), soil geochemistry sampling (Klewchuck, 2007) and five short diamond drill holes (Klewchuck, 2006b) in an effort to discover cross-cutting mineralized structures on the Vine Vein known as "avenues". The results did not intersect cross-cutting avenues in the drilling, and in 2010 the property was acquired by PJX Resources Inc. from the renamed Ruby Red Resources Inc. now known as Spirit Gold Inc.

In 2011 PJX Resources Inc. began exploring the Vine property by airborne VTEM survey which suggested subsurface conductive bodies were present on the property (Klewchuck, 2012). All historical drill holes were consolidated into a digital database and ground geochemistry sampling was conducted in the following year (Gallagher, 2012). These efforts were undertaken to explore both the Vine vein as well as the soil geochemical profile over the LMC (Sullivan Horizon) to the northeast of the Vine vein. In 2013, PJX Resources Inc. extended a 1978 drill hole an additional 403m to intersect the base of the Footwall Quartzite some 704m down hole (Anderson, 2013). The hole was successfully located and extended; however, a normal fault displaced the prospective horizon off hole. In 2014, PJX expanded the property size after acquiring adjoining claims.

PJX Resources began a large program of gravity geophysical surveys to detect dense subsurface features (Jones, 2014). Geophysical interpretation of the gravity data suggested a single massive sulphide body at the base of the FWQ to the northeast of the Vine vein. Mineralization intersected, by former operators, approximately 750m below surface at the base of the FWQ lies along the western edge of a gravity anomaly referred to as the Eastern Gravity anomaly (Jones, *op. cit.*). The base of the FWQ is about 300 m stratigraphically below the LMC and was the focus of diamond drilling in 2014 to 2015. Drilling in the 2014 – 2015 program indentified the FWQ, and potential mineralization appeared to be deformed in the hanging-wall zone of the Moyie Fault (Seabrook and Pighin, 2016). Additional drilling and gravity geophysics was conducted in 2016- 2017 more accurately defined the geometry of the FWQ and Moyie Fault (Seabrook and Pighin, 2017). The following year, nine diamond drill holes were newly collared and three previously drilled holes were extended to depth (Seabrook and Pighin, 2018) in an effort to determine the dense source for the Eastern Gravity Anomaly previously mentioned. Mineralization was encountered in the drilling within the Moyie fault attenuation zone that characteristic of sediments proximal to a sulphide deposit. Two additional drill targets were tested on the Vine property in the same program (op. cit.) with sulphide mineralization encountered at both sites. Analysis of the geological data supported the inference of synsedimentary faulting and anoxic sulphide deposition in the Proterozoic sediments that was later deformed by movement of the Moyie Fault.

The 2017 and earlier drilling was accompanied by borehole magnetic and EM geophysical surveys while gravity, airborne magnetic and VTEM data from previous year's efforts was analysed to include the new drilling (*op. cit.*). Overlapping geophysical anomalies further constrained geological drill targets and provided evidence that the eastern gravity anomaly remains a viable exploration target for the Vine property. The merits of this theory were bolstered from the results of a 2018-2019 magnetotellurics and borehole EM survey conducted by PJX Resources Inc. (Seabrook, 2020). Induced polarization as well as 3D modelling was suggested as the next step in geophysical exploration (Seabrook and Pighin, 2018, Seabrook, 2020).

Claims

The Vine property consists of 125 mineral tenures, including 15 grandfathered two post claims, covering an area of 9,344.8ha. All of the mineral tenures on the Vine property are 100% owned and operated by PJX Resources Inc. and it is contiguous with the company's adjacent Eddy and West Basin properties to the west and southwest respectively (Figure 1). The land position can be seen in Figure 2 and a complete list of claims for the Vine property can be found in the appendices (Appendix 3).

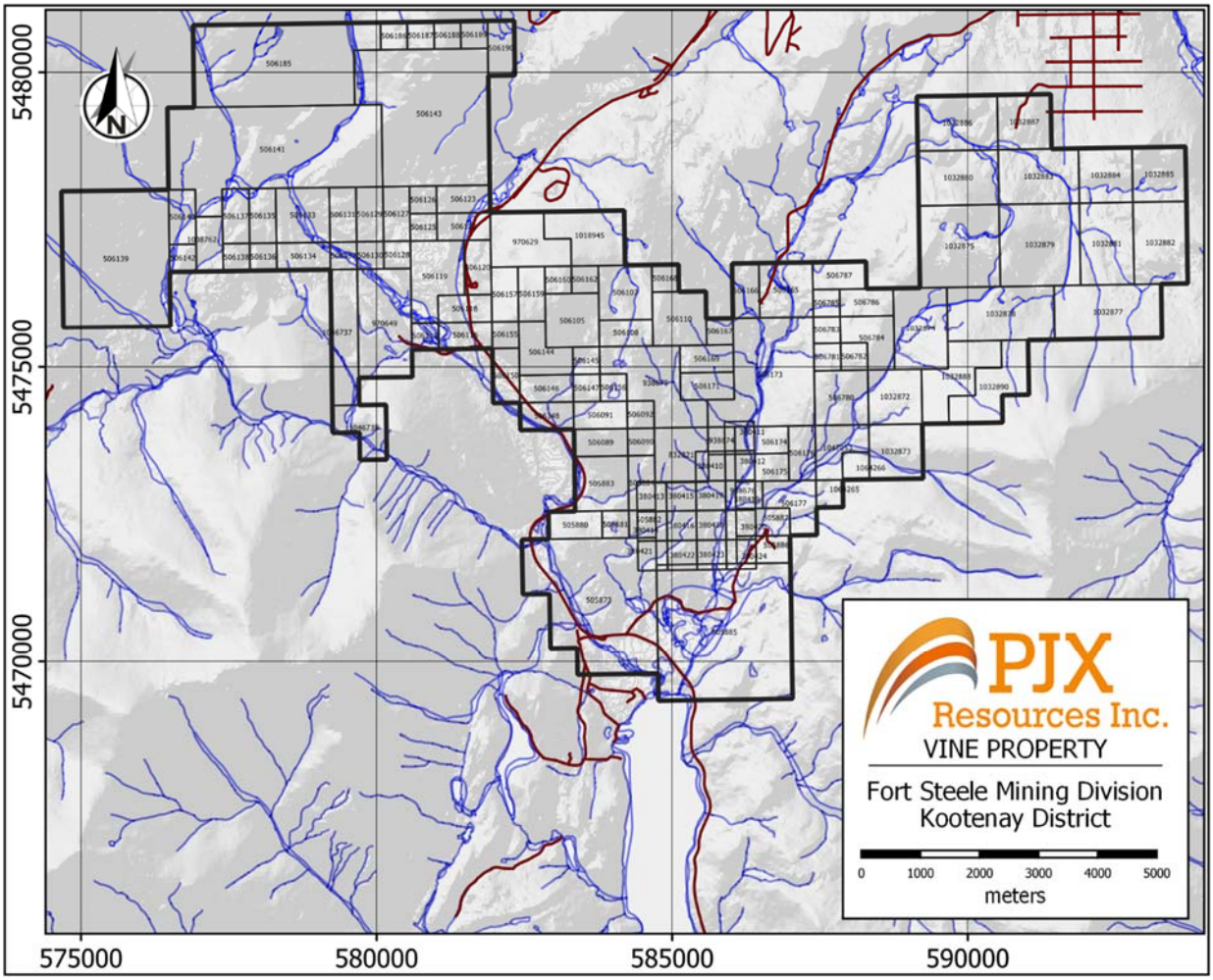

Figure 2: Mineral claim map as of April, 2021.

Regional Geology

The Vine property lies within the Purcell anticlinorium, a generally north plunging structure that is cored by Middle Proterozoic sedimentary and minor volcanic rocks of the Purcell Supergroup and flanked by unconformably overlying Late Proterozoic clastic and carbonate rocks of the Windermere Supergroup (Figure 3). These are generally overlain by either Cambrian or Devonian rocks, part of the North American "miogeoclinal" sequence. The Purcell Supergroup, and correlative Belt Supergroup in the United States, comprises a syn-rift succession, the Aldridge Formation, and an overlying, generally shallow-water post-rift or rift fill sequence that includes the Creston and Kitchener Formations and younger Purcell rocks (Höy, 1993).

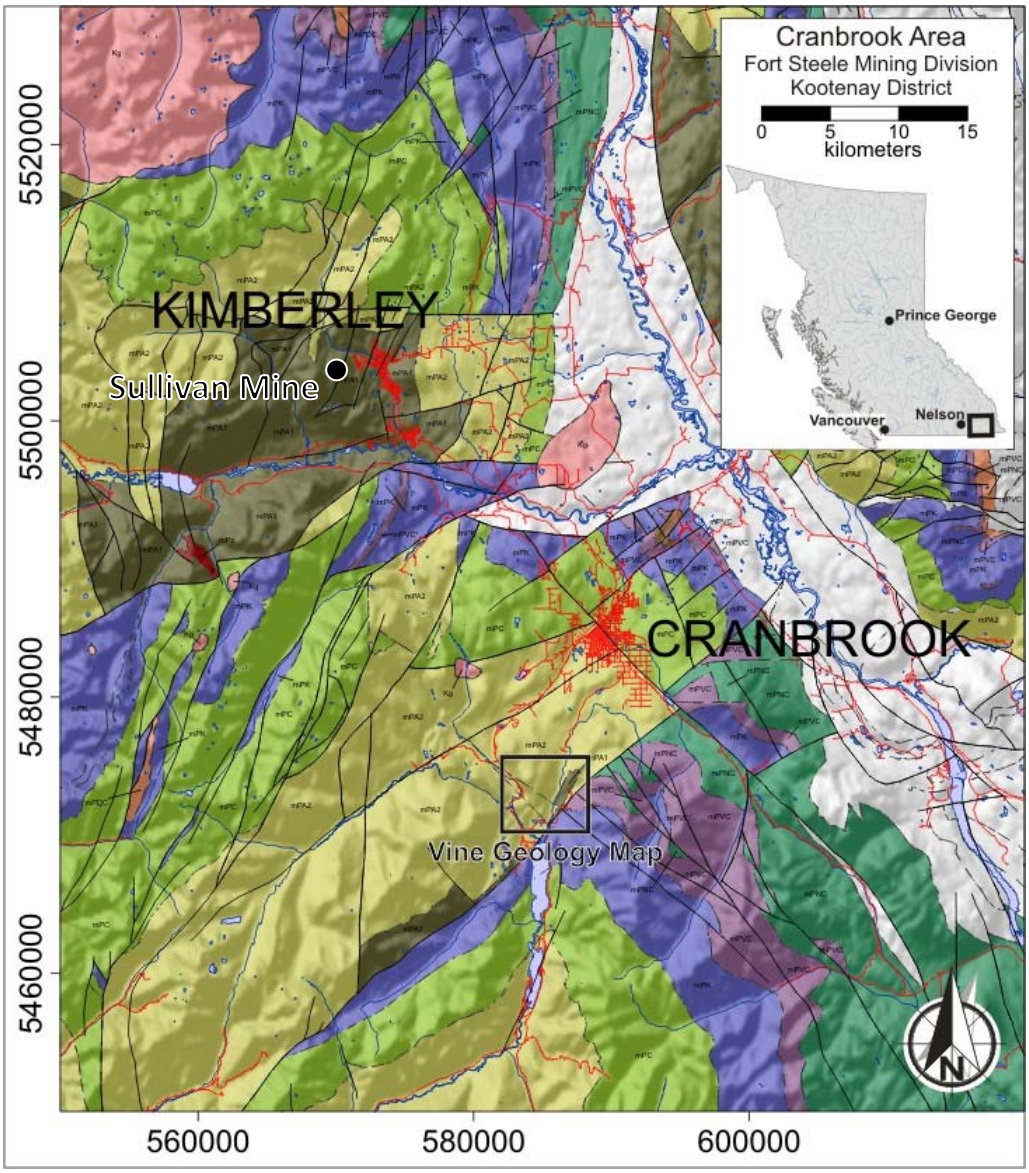

Figure 3: Geological setting of the Vine property in the central Purcell Mountains, southeastern British Columbia; modified from Höy *et al.* (2000).

The exposed part of the Aldridge Formation comprises more than 3000 meters of mainly turbidite deposits and numerous, laterally extensive gabbroic sills referred to as the Moyie intrusions. The gabbroic sills are laterally extensive, typically up to several hundred meters thick and can be traced over hundreds of square kilometers. Locally, particularly in areas of growth faulting, they cut across stratigraphy as dykes. Some of the Moyie sills have contact features that suggest intrusion into wet and partially consolidated sediments (Höy, 1993).

The Purcell Supergroup succession is allochthonous, part of the Foreland Thrust and Fold Belt, the most eastern physiographic belt in the Canadian Cordillera (Monger *et al*., 1982). Structures within the Purcell anticlinorium include east verging thrust faults, northeast trending, right lateral reverse faults, and open to tight folds (Höy, 1993). A complex array of normal faults that trend dominantly northward parallel to the Rocky Mountain trench cut the earlier thrust faults and associated folding.

The northeast-trending structures, including the St. Mary and Moyie faults, are within or parallel to a broad structural zone that cuts the Purcell anticlinorium, crosses the Rocky Mountain trench and extends northeastward across the Foreland thrust belt (Kanasewich, 1968). This zone is marked by a conspicuous change in the structural grain, from northerly north of the zone to northwesterly south of the zone (Figure 3), and by pronounced and fundamental changes in the thickness and facies of sedimentary rocks that range in age from Middle Proterozoic to early Paleozoic (Höy, 1993; Höy *et al*., 2000).

The zone, referred to as the Kanasewich rift, and in the central part of the Purcell Mountains including the area of the Vine property, the Cranbrook Gold Belt, is also characterized by a variety of mineral deposits and occurrences of varying ages and tenor. These include the Sullivan and Kootenay King SEDEX deposits, the St. Eugene and Vine lead-zinc-silver veins, and the placer gold deposits of the Wildhorse, Moyie and Perry Creek drainages. Farther west along this trend, lead-zinc replacement deposits occur in Cambrian carbonates in the southern Kootenay Arc, and gold-copper vein deposits characterize the Rossland camp in Quesnel terrane.

Local Geology

The Vine property is underlain by clastic and carbonate sedimentary rocks of the Meso Proterozoic Purcell Supergroup (Figure 4). These sedimentary rocks are primarily of the Middle and Lower Aldridge Formation and gabbro intrusions known as Moyie Sills. The stratigraphic section is well understood for Middle and Lower Aldridge Formation rocks across the anticlinorium and excellent stratigraphic controls on the Vine property have been established. The section contains stratigraphic markers of interlayered siltstone that are continuous for kilometers known simply as marker units (Brown *et. al*., 1993). Several marker units have been identified on the Vine property indicating a relative stratigraphic depth to the Middle and Lower Aldridge Formation contact (LMC) across the property.

The Aldirdge Formation is intruded by syntectonic "Moyie" gabbro sills and dikes ranging from a few meters to several hundred meters in width. Typically, the thicker sills maintain stratigraphic location for kilometers and are named for the stratigraphic marker proximal to the sill such as Sundown or Meadowbrook. On the east side of the Vine property,

gabbro sills maintain orientation while sedimentary units of the Aldridge formation are offset indication that faulting has taken place prior to the emplacement of the gabbro intrusive. As evidence suggests that the sills are intruded into partially lithofied sediments (Höy, 1989), it is safe to assume that the faulting is syn-sedimentary. The Middle Aldridge Formation is primarily siltstones, silty quartzites and argillites with dolomitic intervals. Soft sediment deformation is mainly in the form of cross-beds, load casts and rip-up clasts particularly where turbidite disturbance has taken place. Trubidites are present throughout the Middle and Lower Aldridge Formation and represent variation in relief of the paleotopography resulting in underwater flows. Sedimentary units representing intense underwater flows are sometimes referred to as fragmentals, or sedimentary fragmentals, where sub-angular clasts of Aldridge Formation are hosted in a mud matrix. The sedimentary fragmentals are attributed to debris shedding off of paleo-escarpments; the surface expression of growth faults. Many fragmental units have been discovered on the Vine property suggesting that paleotopographic lows were present to capture debris fill material in Lower and Middle Aldridge time.

The Lower Aldridge Formation is predominantly thin bedded argillite and siltstone. A subunit within the Lower Aldridge is comprised of mainly siltstone and lesser quartzite. The subunit is thicker bedded and more massive compared to the rest of the Aldridge Formation with interbeds of argillite and siltstone demonstrating soft sediment deformation features attributed to more proximal turbidites. The subunit is known as the Footwall Quartzite and is located stratigraphically below the LMC at the Sullivan deposit, the Vine property, and a few other locations in the belt.

Mapping on the Vine property over several decades by D. Pighin and others has indicated that stratigraphy is gently warping over north to northeast plunging folds. The folds are cut by several northeast trending extensional faults, some of which are Proterozoic in age and many may be reactivations of Proterozoic faults in later tectonic events. The Vine Vein is a northwest trending structure and vein mineralogy suggests a Proterozoic age (Paiement *et. al.*, 2007). The Moyie fault is a broad right-lateral shear structure with several kilometers of throw. A prevalent northeast trending foliation is present distal to the fault, and within the immediate hanging-wall zone, an intense phyllitic foliation and alteration destroys the original texture of the sedimentary and intrusive rock units.

The Vine Vein is a complex structure of quartz carbonate veining, metal sulphides and gangue minerals. Hosted within the shear structure are mafic intrusive rocks, brecciated fragments of wall rock and massive sulphide minerals of mainly base metals and locally gold (Anderson, 2013). The Vein is exposed at surface and has been drilled to a depth of about 700m. The Vine Vein structure cuts stratigraphy from below the Footwall Quartzite to well into the Middle Aldridge Formation suggesting that the vein postdates those sedimentary intervals. The vein strikes southeasterly with a dip of about 70° to 80° to the southwest. The strike length of the vein has been defined to extend of 700m by drilling, 2km by trenching, and traced on surface by geological mapping, geophysics, and geochemistry for about 5km.

Thin 1mm to <5cm beds of massive sulphides occur throughout the Middle and Lower Aldridge Formation on the Vine property composed of mainly massive pyrrhotite or pyrite with lesser sphalerite and galena. The sulphide beds typically occur in groups and are electrically conductive within the bed but rarely conductive between beds. The massive sulphide beds are not viable deposits but suggest the presence of a paleo-anoxic sub-basin that allows for the

accumulation of sulphides without oxidizing the metal minerals. The aforementioned conditions are just some of the requirements for the deposition of SEDEX mineralization such as the nearby Sullivan Deposit (Minfile #082FNE052). SEDEX deposits have been found in the Aldridge Formation at stratigraphic intervals other than the at LMC, such as the nearby Fors (Minfile #082GSW035). Bedding parallel massive sulphides discovered at the base of the FWQ indicate that the paleo-basin represented by the stratigraphic horizon had suitable conditions for SEDEX deposition.

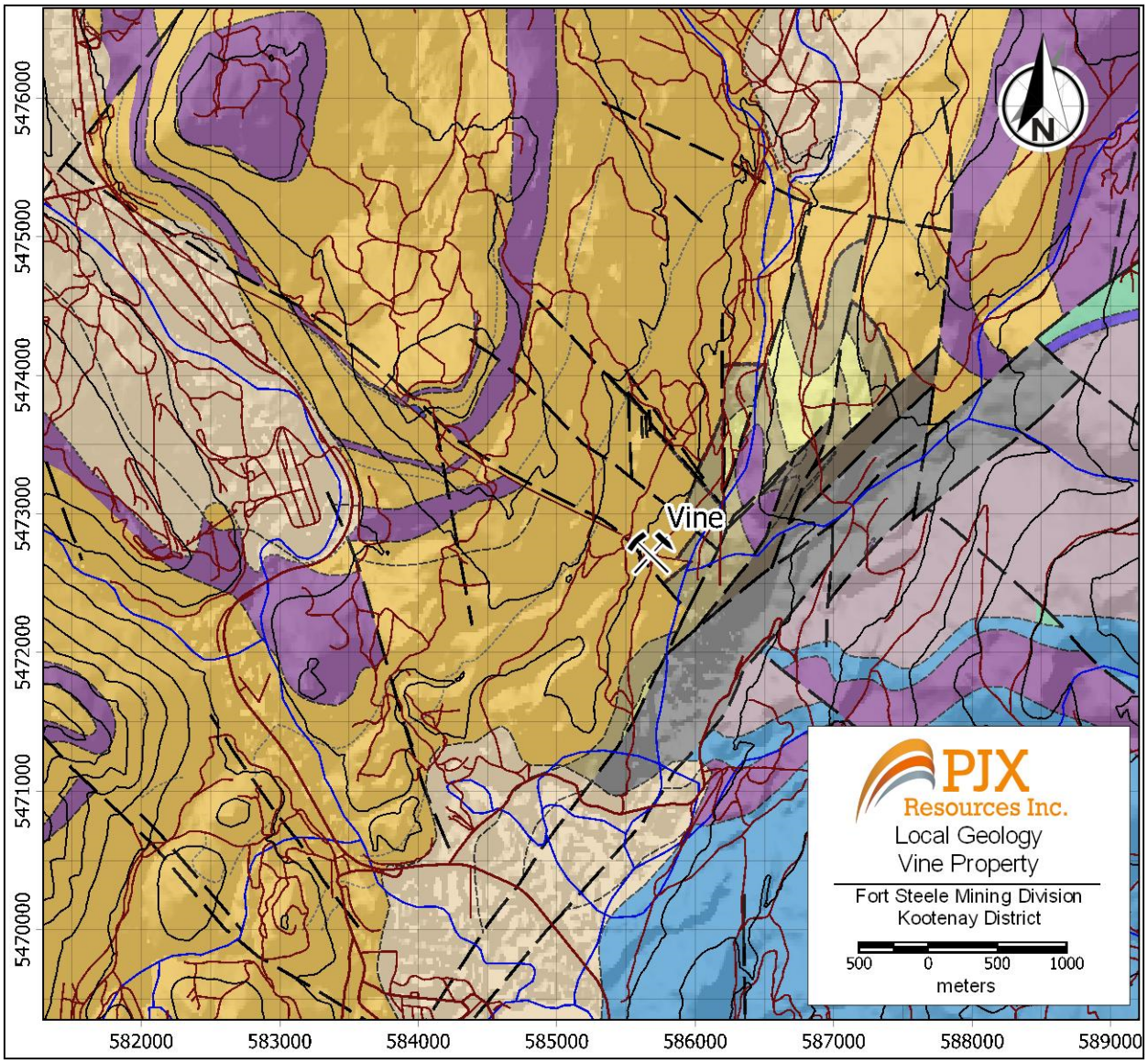

Figure 4: Local geology map of the Vine property (geology by D.L. Pighin and A.S. Hagen). (see foldout for legend and details in Appendix 11).

The Moyie Fault is recognized to have very early movement that extends to surface from a break in the crystalline basement. SEDEX mineralization within the Vine synsedimentary basin has the added complication of episodic deformation along the Moyie Fault from as far back as the Proterozoic. In the Proterozoic it is thought that massive sulphides were exhaled onto the

seafloor within a physiographic sub-basin, synsedimentray with the base of the footwall quartzite described in Seabrook and Pighin (2016). Younger tectonic events deformed and offset the strataform deposit which now lies within the attenuated zone of the Moyie Fault. The model is based on interpretations of geological and geophysical data collected and compiled from decades of exploration on the property. This type of deposit has similar structural characteristics to that of a Broken Hill type deposit where the sulphide minerals deposited in the sedimentary sequence, at the Sullivan deposit, are deformed within the attenuation zone of a syn-sedimentary fault, like the Moyie Fault. The model differs from the Broken Hill type in that the degree of metamorphism would be lower temperature greenschist facies as opposed to the granulite facies at Broken Hill.

Geological Mapping

Introduction

In 2019 PJX Resources contracted structural mapping on the Vine property in an effort to resolve the complex structural nature of the Moyie Fault zone and its influence on strataform mineralization entrained in the highly foliated zone. The short program was completed in one week and information was included in geological information gathered from the two previous years efforts. The structural analysis from geological mapping was designed to evaluate the current model of mineralization on the Vine discussed in the local geology section in this report.

Field mapping combined with investigations of geological structures was carried out by Dr. Trygve Hoy, Dr. George Hudak, Dave Pighin, and John Keating. A geological map produced by Dave Pighin was used as a base to assess the kinematics of the Moyie Fault Deformation Zone and splays. Minor modifications to the locations of contacts between various geological units in the field area, as well as the addition of several structural measurements were added to the geological base map.

Geological mapping was confined to an area of 0.3km^2 from the mineralization on the Vine vein (Minfile #082GSW050) to the Moyie Fault. Mapping was conducted at 1:2500 scale in the field and new structural contacts, measurements and outcrops were included in the 1:5000 scale map (Figure 4). All structural features were measure with a field transit and recorded using "Right-Hand-Rule" while plotted features used UTM NAD 83 coordinates acquired from a handheld GPS device.

Discussion of geological mapping results

Bedding-cleavage intersection measurements support the possibility for two fold orientations: One, a fold system with northwest-trending fold axes that have shallow plunges to the northwest, and two, a fold system with northeast-trending fold axes and shallow plunges to the northeast. It may also be possible that the northwest-trending bedding-cleavage intersection identified during field mapping may be the intersection of bedding with a late "AC" joint. If the measured intersections are bedding AC jointing then it may be that only one fold axis orientation (northeast-trending) is present.

Structural measurements and mapping observations suggest that several panels of structurally deformed Lower Aldridge sediments represent thrust-fault blocks and splays along the regional Moyie Fault. Minor folds associated with this deformation have trends that approximately strike and plunge to the northeast (Az 035°/30°), based on measurement of a fold

hinge along an apparent fault splay of the Moyie Fault. Assuming that the direction of movement along this thrust fault is perpendicular to the orientation of the minor fold hinges, the source direction for these materials during thrust faulting would be in from a west direction (Az 280°/50° upslope along the fault).

Soil Geochemistry and Biogeochemistry

Introduction

In 2018 PJX Resources Inc. conducted a soil geochemistry sampling over a grid that would later be surveyed by magnetometer and VLF-EM. The grid was created by compass and hip-chain pacing and later, 50m stations were located by handheld GPS while 25m stations were interpolated between surveyed points. The 'B' soil horizon was collected at each station and sent to Bureau Varitas in Vancouver for multi element ICP-MS (Appendix 10). The location of the survey is indicated on the map below (Figure 5) with sample coordinates in recorded in the VLF-EM raw data section as 2018 Vine project (Appendix 7).

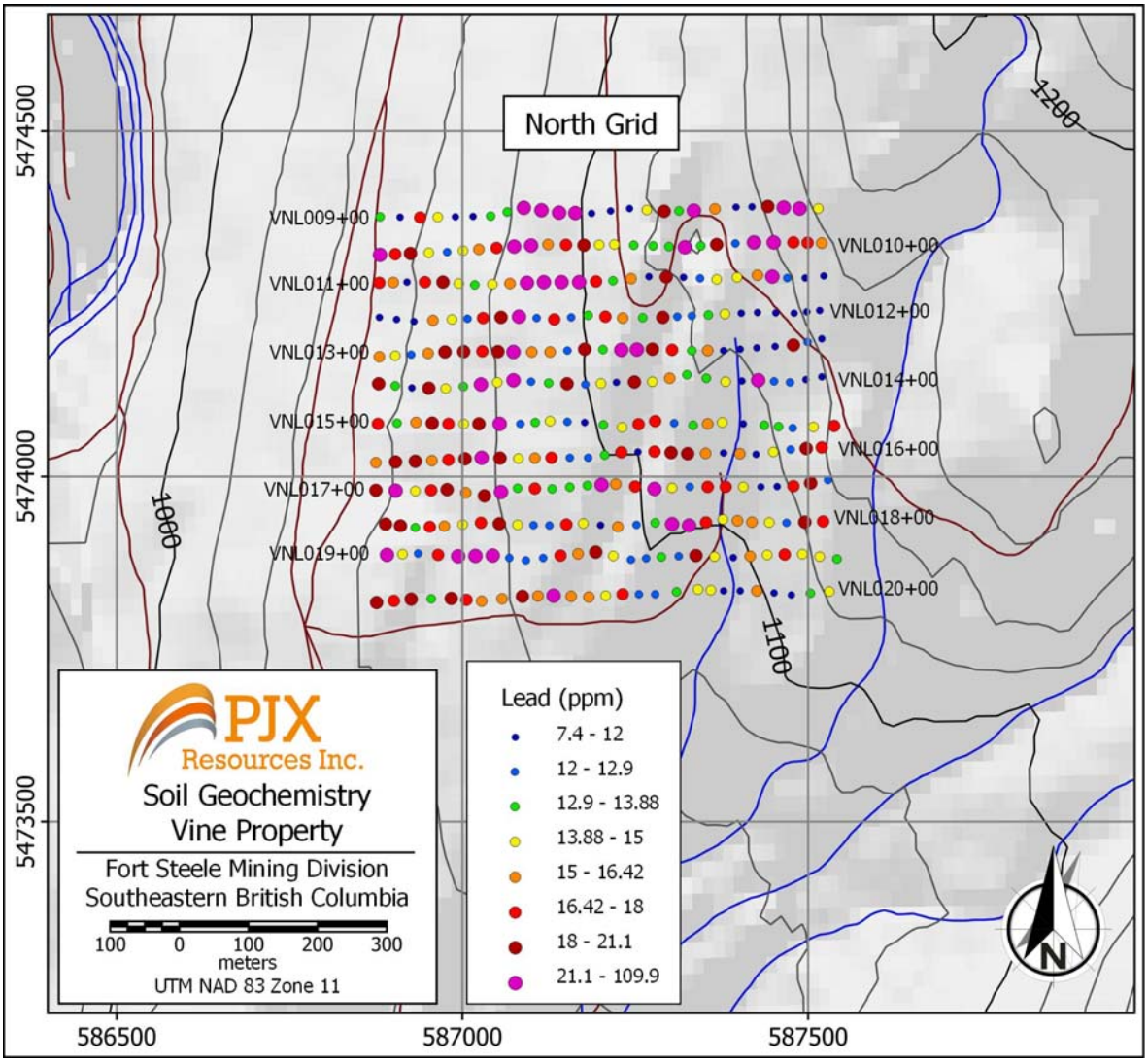

Figure 5: Soil geochemistry sampling with lead concentrations (see foldout for details).

From December 2019 to April 2020, a biogeochemistry survey contracted on the Vine property in an effort to establish vectors to deep seated mineralization. A total of 457 samples were collected from 3 contiguous grid areas centered around the known mineralized zone of the Vine Vein. Samples consisted of dried needles stripped from the branches of Douglas Fir trees at stations spaced 100 meters apart. Once collected, the samples were sent to ALS laboratories in Vancouver, BC for multi-element ICP-MS analysis. This program also utilized a new halogen analysis method which was developed by ALS as part of a coordinated geoscience BC program (Dunn and Heberlein, 2020). A more comprehensive description of methods and results are described by Dunn in the report included in the appendices (Appendix 4) while assay results for samples are documented in Appendix 9 and 10.

Discussion of geochemistry results

Results of the soil geochemistry survey indicated a north trend coincident with a fault where lead, zinc and silver concentrations were anomalous (Figure 5). The fault is a splay from the Moyie Fault zone that appears to trend along the axial plane of a north plunging anticline. The northeast corner of the grid appears to have a localized anomalous zone in lead concentrations where the underlying geological formation is believed to be middle Aldridge close to the Sullivan Horizon.

With regards to the novel halogen analysis method (ME-HAL01), this program focused on elements F, Cl, Br and I. After the samples were tested extensively, a modified procedure was developed involving de-ionized water leach with ICP-MS and ion chromatograph analysis. This innovation improved the accuracy and precision capacity of the ME-HAL01 for all halogens and F in particular. The ME-HAL01 method was already known to be useful in fault delineation and this program bolstered its practicality and broadened its scope (Dunn and Heberlein *op. cit.*). Additional information can be found in biogeochemistry report included in the appendices (Appendix 4).

Magnetometer and VLF-EM Geophysics

Summary

In 2018 and 2019, PJX Resources conducted two separate VLF-EM/ Magnetics geophysical surveys on the Vine property (Appendix 7). Data from the 2018 program was thoroughly modelled and a detailed description of the results can be found in Appendix 6 of this report. The 2019 data underwent preliminary processing and more analysis is still to be done on the dataset. Cook of Salt Spring Imaging Ltd. oversaw both programs and found multiple anomalous conductive zones within the study areas. Most prominently from the 2018 program, strong east dipping anomalies were identified which concentrated at around 100m depth. Further geological work in the area is suggested by Cook to ascertain the signal source for anomalies resolved in the 2018 survey.

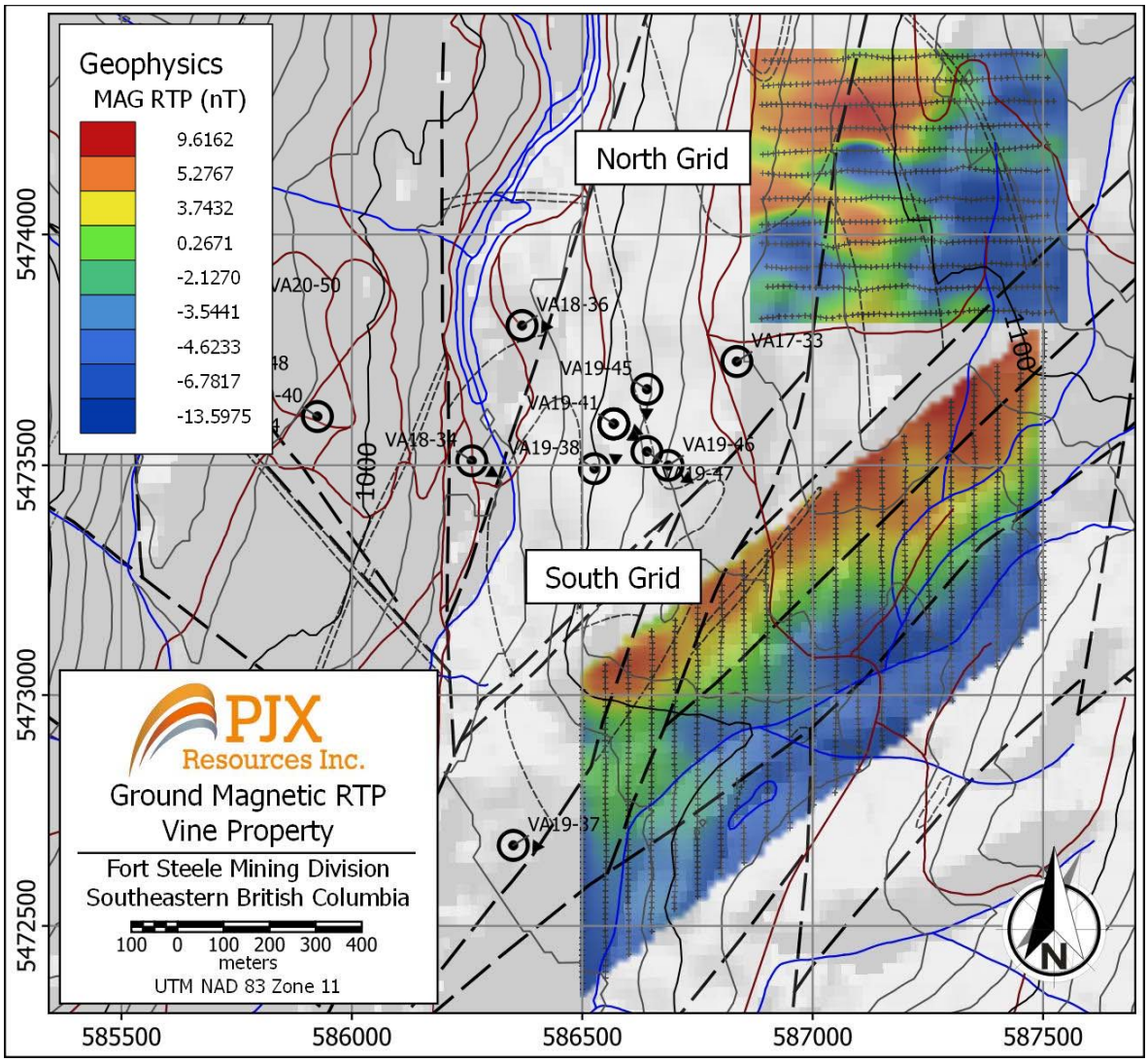

Figure 6: Ground geophysical survey location map (see foldouts for details)

Diamond Drilling

Introduction

In 2017 PJX Resources Inc. launched a 4-year exploration project for which 19 diamond drill holes were completed on the Vine property totaling 11,350.45 meters. The purpose of this program was to investigate the subsurface in and around the prospective LMC horizon to better understand the geometry of the footwall quartzite (FWQ) and resolve the conductive source of magnetotelluric anomalies identified in previous years (Seabrook, 2020). The drill program described in this report was a continuation of PJX's ongoing exploration efforts to discover an economic SEDEX deposit. PJX Resources Inc. have devised a model in which a strataform massive sulphide deposit is entrained in the complex structural zone of the nearby Moyie Fault. Excel Geophysics and Quantec Geophysics were consulted on their respective gravity (Seabrook and Pighin, 2017) and magnetotelluric (Seabrook, 2020) models to assist in targeting zones along the Moyie Fault.

The entirety of the drilling was carried out by FB Drilling Ltd. of Cranbrook B.C. while geological and structural logging of the core was done by D.L. Pighin of High Grade Consulting. Sampling of the core was also handled by High Grade and samples were sent to Beureau Varitas Commodities in Vancouver. Hand written drill logs can be found in Appendix 8 with sample certificates for all assays in Appendix 10. Cross sections for each drill holes are found in the foldouts along with detailed geological map (Appendix 11). All of the drill core is stored at the Vine Core Facility (585860m E, 5472650m N).

Collar	Easting	Northing	Elevation	Azimuth	Dip	Length
VA17-33	586835	5473725	1060	0	90	929.9
VA18-34	586260	5473510	960	121	58	727.5
VA18-35	583815	5474100	2990	0	90	1323.5
VA18-36	596369	5473803	980	93	73	995.7
VA19-37	586350	5472675	965	93	52	207.25
VA19-38	586526	5473493	992.5	64	58	301.3
VA19-39	586568	5473590	1000	122	68	502.29
VA19-40	585925	5473606	1010	0	90	1488.4
VA19-41	586568	5473590	1000	122	52	63.4
VA19-42	586568	5473590	1000	122	80	72.54
VA19-43	586568	5473590	1000	109.9	68	63.4
VA19-44	585656	5473634	1250	98	76	71
VA19-45	586640	5473665	1020	181	50	148.74
VA19-46	586686	5473500	1000	125	61	298
VA19-47	586640	5473530	1024	0	90	240.5
VA19-48	585675	5473676	1044	0	90	1872
VA20-49	585576	5473663	1050	0	90	1000.2
VA20-50	585788	5473845	1035	0	90	794.6
VA20-51	585576	5473663	1050	116	45	250.23

Table 1: Collar details for diamond drill holes.

Discussion of drilling results

Drilling on the Vine property intersected mineralization of predominantly sphalerite within a wide deformation zone along the trace of the Moyie Fault. Drill hole VA17-33 intersected the sphalerite mineralization at 888.5m depth which extended to 896.5m (Appendix 11, Section F). Sample analysis of the zone indicated concentrations of zinc up to 362ppm over 1m in a zone of 83ppm over 8m. The presence of zinc mineralization within the deformation zone is somewhat reminiscent of a Broken Hill type deposit though within greenschist metamorphosed sediments. In addition to the zinc mineralization in the deformation zone a new zone of massive sulphides was intersected in drill hole VA19-48 that appears to be conformable to bedding with rounded sulphide clasts (durchbewegt texture) indicative of tectonic processes like those found within the Sullivan mine. The sulphide zone contained an interval of zinc 1.4m thick with 4526ppm in a larger interval with 1117.9ppm zinc over 6.5m.

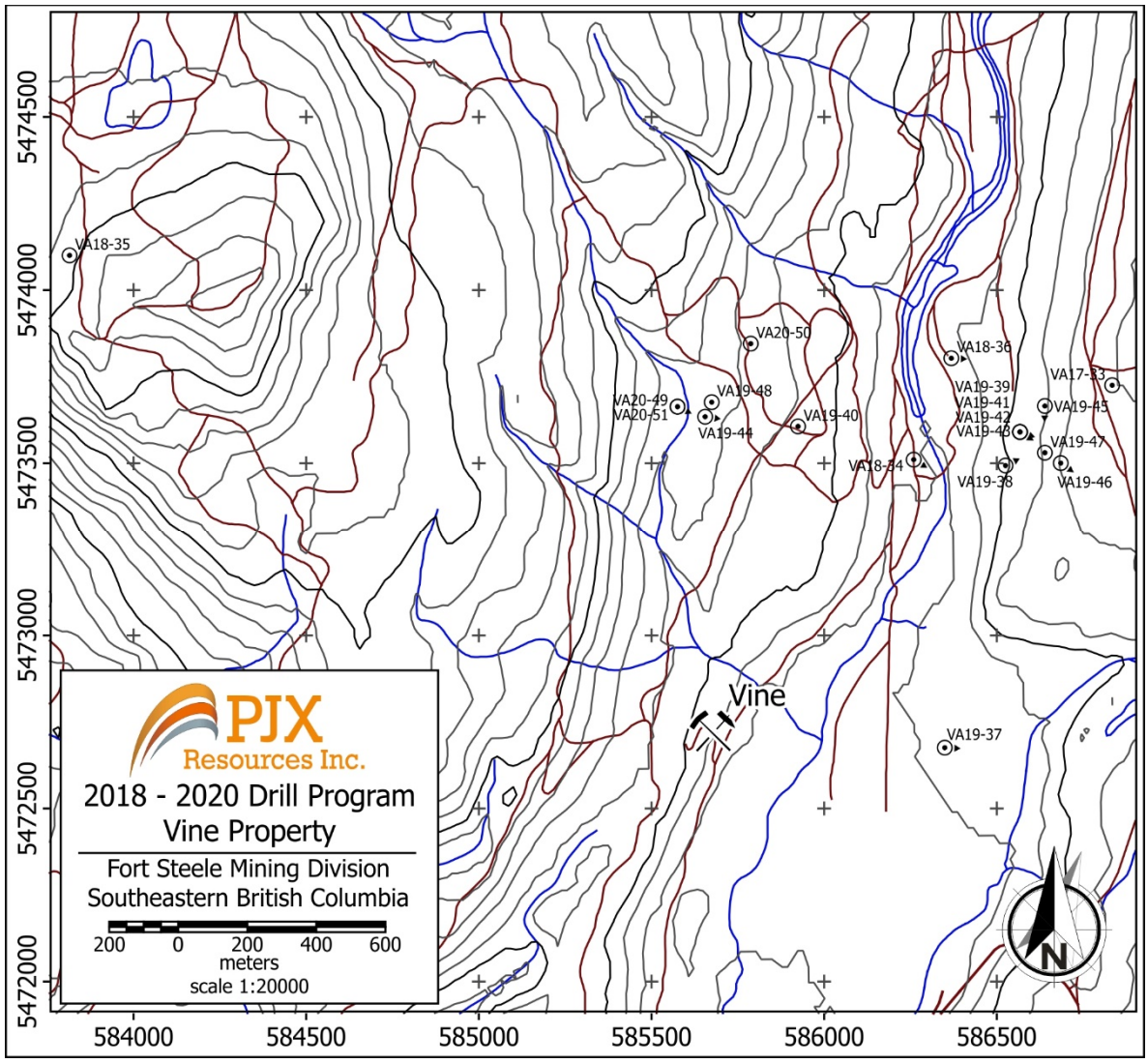

Figure 7: Collar location map (see foldout for sections).

Summary and Recommendations

The exploration efforts of PJX Resources Inc. on the Vine property over a three-year span ending in 2020 involved a multi disciplinary approach. The project included geological investigations into structural controls, traditional 'B' horizon soil sampling and a novel biogeochemistry approach to testing deep bedrock sources through halide ion analysis, magnetic and VLF electromagnetic surveys, and additional diamond drilling.

Both the biogeochemistry and geophysical surveys indicated anomalous zone needing further investigation as their bedrock sources are unknown at this time. The geological mapping supported much of what has already been resolved with some modifications to the geological model that may prove to be vital in future programs. Extensive diamond drilling was conducted in two key areas on the Vine with intersections of sulphide zones to be explored further.

The two sulphide zones intersected in the drilling may be related but their character requires different exploration approaches. The following are catered exploration recommendations for the two sulphide zones:

Deformation Zone

- Core with sphalerite mineralization should undergo conductivity tests to assess if an induced polarization geophysical survey could trace the mineralization in the Moyie Fault deformation zone.
- Additional drilling should be done to explore for possible folded massive sulphide bodies on strike with sphalerite mineralization encountered in the Moyie Fault deformation zone.

New Massive Sulphide (NMS) Zone

- Additional magnetotellurics geophysical surveys could help trace the highly conductive NMS zone to the west and north.
- Additional drilling is required to test the NMS zone on strike and down dip, in particular where the biogeochemistry survey has defined a boron anomaly with peripheral zinc, copper and cadmium anomalies. The boron anomaly may reflect a vent with tourmaline alteration at depth.

References

Anderson, D. (2013): Diamond Drilling and Geophysical Surveys on the Vine Property; *BC Ministry of Energy and Mines*, Assessment Report 34339, 84 pages.

Batchelor, E.W. (1977a): Report on Geochemical Survey Grid A, Vine Claim Group, Fort Steele Mining Division, BC; *BC Ministry of Energy and Mines*, Assessment Report 06498B, 18 pages.

Batchelor, E.W. (1977b): Report on Geochemical Survey Grid B, Vine Claim Group, Fort Steele Mining Division, BC; *BC Ministry of Energy and Mines*, Assessment Report 06498C, 12 pages.

Batchelor, E.W. (1977c): Report on Grid C Geochemical Survey on Vine 1 Claim, Vine 1, 25, 27 Claim Group, Fort Steele Mining Division, BC; *BC Ministry of Energy and Mines*, Assessment Report 06498D, 16 pages.

Brown, D.A., Bradford, J.A., Melville, D.M., Legun, A.S., and Anderson, D. (1993): Geology and Mineral Deposits of Purcell Supergroup in Yahk Map Area, Southeastern British Columbia (82F/1); *British Columbia Geological Survey Branch*, Geological Fieldwork 1993, 24 pages.

Gallagher, C. (2012): 2012 Assessment Report on Diamond Drill Hole Compilation, Soil and Rock Geochemistry, Volume 1 - Report on the Vine Property; *BC Ministry of Energy and Mines*, Assessment Report 33874, 336 pages.

Hagen, A.S. (1987): Diamond Drilling Report, Vine Property, Vine 54, 56, 58 Claims; *BC Ministry of Energy and Mines*, Assessment Report 16456, 22 pages.

Hagen, A.S. (1988): Diamond Drilling Report, Vine Property, Vine 54, 56, 58 Claims; *BC Ministry of Energy and Mines*, Assessment Report 17899, 25 pages.

Höy, T. (1989): The Age, Chemistry, and Tectonic Setting of the of the Middle Proterozoic Moyie Sills, Purcell Supergroup, Southeastern British Columbia. *Canadian Journal of Earth Sciences*, v. 29, pages 2305-2317.

Höy, T. (1993): Geology of the Purcell Supergroup in the Fernie W-half map area, southeastern B.C.; *B.C. Ministry of Energy and Mines*, Bulletin 84, 157 pages.

Höy, T., Anderson, D., Turner, R.J.W., and Leitch, C.H.B. (2000): Tectonic, magmatic and metallogenic history of the early synrift phase of the Purcell basin, southeastern British Columbia; in The Geological Environment of the Sullivan Deposit, British Columbia; *Geological Association of Canada*, Special Publication No. 1, pp. 32-60.

Jones, B. (2014): Technical Assessment Report, Vine, Vine Ext, and West Basin Properties; *BC Ministry of Energy and Mines*, Assessment Report 34937, 78 pages.

Kanasewich, E.R. (1968): Precambrian rift: genesis of stratabound ore deposits; *Science*, v. 161, pages 1002-1005.

Klewchuk, P. (2004): Assessment Report on Ground EM Geophysics, Vine Property; *BC Ministry of Energy and Mines*, Assessment Report 27624, 32 pages.

Klewchuk, P. (2006a): Assessment Report on Ground EM Geophysics, Vine Property; *BC Ministry of Energy and Mines*, Assessment Report 28201, 12 pages.

Klewchuk, P. (2006b): Assessment Report on Diamond Drilling, Vine Property; *BC Ministry of Energy and Mines*, Assessment Report 28728, 30 pages.

Klewchuk, P. (2007): Assessment Report on Soil Geochemistry, Vine Property; *BC Ministry of Energy and Mines*, Assessment Report 29479, 16 pages.

Klewchuk, P. (2012): Assessment Report on Airborne Geophysics, Vine Claims; *BC Ministry of Energy and Mines*, Assessment Report 32855, 74 pages.

Monger, J.W., Price, R.A. and Tempelman-Kluit, D.J. (1982): Tectonic accretion and the origin of two major metamorphic and plutonic welts in the Canadian Cordillera; *Geology*, v. 10, pp. 70-75.

Paiement, J-P., Beaudoin, G., and Paradis, S. (2007): Geological Setting of Ag-Pb-Zn veins in the Purcell Basin, British Columbia; *Geological Survey of Canada*, Current Research 2007-A4, 10 pages.

Pighin, D.L. (1981): Percussion Drilling Report, Vine No.37 Claim; *BC Ministry of Energy and Mines*, Assessment Report 10221, 9 pages.

Pighin, D.L. (1982): Percussion Drilling Report, Vine No.39 Claim; *BC Ministry of Energy and Mines*, Assessment Report 10220, 9 pages.

Pighin, D.L. (1995): Assessment Report on Diamond Drill Hole KV94-57; *BC Ministry of Energy and Mines*, Assessment Report 23740, 24 pages.

Seabrook, M., and Pighin, D.L. (2016): Drill Hole and Surface Geophysics, Geological Mapping, and Diamond Drilling, Vine Property; *BC Ministry of Energy and Mines*, Assessment Report 35806, 313 pages.

Seabrook, M., and Pighin, D.L. (2017): Diamond Drilling and Geophysics on the Vine Property And Geological Mapping and Chip Sampling on the Zinger and Eddy Properties; *BC Ministry of Energy and Mines*, Assessment Report 36347, 227 pages.

Seabrook, M., and Pighin, D.L. (2018): Diamond Drilling and Geophysics on the Vine Property; *BC Ministry of Energy and Mines*, Assessment Report 37242, 316 pages.

Seabrook, M. (2020): Geophysics on the Vine Property; *BC Ministry of Energy and Mines*, Assessment Report 38884, 248 pages.

Stephenson, L. (1990): Report on Four Diamond Drill Holes (KV90-36, 37, 38 and 39), Vine Property; *BC Ministry of Energy and Mines*, Assessment Report 20518, 58 pages.

Webber, G.L. (1977a): Report on Geochemical Survey on Vine 3 Claim, Fort Steele Mining Division, BC; *BC Ministry of Energy and Mines*, Assessment Report 06498E, 15 pages.

Webber, G.L. (1977b): Geochemical Survey Report on the South Vine Grid; *BC Ministry of Energy and Mines*, Assessment Report 06543, 21 pages.

Webber, G.L. (1978a): Diamond Drilling Report on the Vine No. 1 Claim; *BC Ministry of Energy and Mines*, Assessment Report 06863, 21 pages.

Webber, G.L. (1978b): Diamond Drilling Report on the Vine No.1 Claim; *BC Ministry of Energy and Mines*, Assessment Report 06863B, 22 pages.

Webber, G.L. (1978c): Diamond Drilling Report on the Vine No.29 Claim; *BC Ministry of Energy and Mines*, Assessment Report 06936, 16 pages.

Webber, G.L. (1979): Diamond Drilling Report on the Vine No.17 Claim; *BC Ministry of Energy and Mines*, Assessment Report 07677, 36 pages.

Appendix 1: Statement of Costs

Event No: 5834465	Units	Rate	Cost
Geology			
Lead geologist	15	600	$9,000.00
Cartography	2	250	$500.00
Travel	6	850	$5,100.00
Accommodations	12	50	$600.00
Food	14	40	$560.00
Truck	14	180	$2,520.00
		Geology Sub-total	$18,280.00
Soil Geochemistry			
Samplers	15	300	$4,500.00
Sampling	329	32.32	$10,633.28
Travel	2	850	$1,700.00
Accommodations	13	50	$650.00
Food	15	40	$600.00
Truck	15	180	$2,700.00
		Geochemistry Sub-total	$20,783.28
Diamond Drilling			
Contract drilling		flat	$359,220.80
Drill program geologist	75	600	$45,000.00
Cartography	2	250	$500.00
Core geotech	29	300	$8,700.00
Site support		flat	$2,182.56
Sample Analysis	88	32.32	$2,844.16
Travel	8	850	$6,800.00
Accommodations	53	50	$2,650.00
Food	55	40	$2,200.00
Truck	55	180	$9,900.00
		Diamond Drilling Sub-total	$439,997.52
Exploration			
		Exploration Total	$479,060.80
Report writing	15	500	$7,500.00
		Sub-total	$7,500.00
10% administration fee			$47,906.08
		Total	$534,466.88

Appendix 1: Statement of Costs

	Event No:5834513	Units	Rate	Cost
Geophysics				
	Geophysicist	9	800	$7,200.00
	Geotech	14	400	$5,600.00
	Accommodations	13	100	$1,300.00
	Food	13	40	$520.00
	Truck	13	180	$2,340.00
			Geophysical Sub-total	$16,960.00
Diamond Drilling				
	Contract drilling		flat	$306,987.53
	Drill program geologist	47	600	$28,200.00
	Cartography	0.5	250	$125.00
	Core geotech	78	300	$23,400.00
	Site support		flat	$814.78
	Sample Analysis	35	32.32	$1,131.20
	Travel	2	850	$1,700.00
	Accommodations	22	50	$1,100.00
	Food	22	40	$880.00
	Truck	8	180	$1,440.00
			Diamond Drilling Sub-total	$365,778.51
Exploration				
			Exploration Total	$382,738.51
	Report writing	15	500	$7,500.00
			Sub-total	$7,500.00
	10% administration fee			$39,023.85
			Total	$429,262.36

Appendix 1: Statement of Costs

	Event No: 5834579	Units	Rate	Cost
Geology				
	Consulting Geologist	14	1000	$14,000.00
	Consulting Geologist	6	600	$3,600.00
	Lead Geologist	9	600	$5,400.00
	Cartography	1	250	$250.00
	Petrography	4	flat	$1,372.00
	Petrography sample prep	4	flat	$1,623.25
	Travel	6	850	$5,100.00
	Accommodations	8	50	$400.00
	Food	8	40	$320.00
	Truck	8	180	$1,440.00
			Geology Sub-total	$33,505.25
Geophysics				
	Geophysicist	8	750	$6,000.00
	Geophysicist	10.5	800	$8,400.00
	Lead geotech	11	400	$4,400.00
	Geotech	11	250	$2,750.00
	Travel	2	850	$1,700.00
	Accommodations	15	100	$1,500.00
	Food	15	40	$600.00
	Truck	15	180	$2,700.00
			Geochemistry Sub-total	$28,050.00
Diamond Drilling				
	Contract drilling		flat	$767,238.63
	Lead geologist	138	600	$82,800.00
	Geotech	122	300	$36,600.00
	XRF Geotech	2	275	$550.00
	Site support		flat	$5,439.87
	Travel	14	850	$11,900.00
	Accommodations	64	50	$3,200.00
	Food	64	40	$2,560.00
	Truck	64	180	$11,520.00
			Diamond Drilling Sub-total	$921,808.50
Exploration				
			Exploration Total	$983,363.75
	Report writing	15	500	$7,500.00
			Sub-total	$7,500.00
	10% administration fee			$99,086.38
			Total	$1,089,950.13

Appendix 1: Statement of Costs

Event No: 5834690	Units	Rate	Cost
Geology			
Lead geologist	12	600	$7,200.00
Senior geologist	12	450	$5,400.00
Petrography		flat	$724.00
Travel	2	850	$1,700.00
Truck	12	180	$2,160.00
		Geology Sub-total	$17,184.00
Geochemistry			
Geochemist	33	800	$26,400.00
Lead geotech	33	450	$14,850.00
Geotech	30	300	$9,000.00
Lead geologist	4	600	$2,400.00
Sampling	457	55.26	$25,253.82
Travel	4	850	$3,400.00
Accommodations	31	100	$3,100.00
Food	32	40	$1,280.00
Truck	31	180	$5,580.00
		Geochemistry Sub-total	$91,263.82
Geophysics			
Geophysicist	6	750	$4,500.00
Lead geologist	4	600	$2,400.00
		Geophysics Sub-total	$6,900.00
Diamond Drilling			
Contract drilling		flat	$248,816.29
Lead geologist	82	600	$49,200.00
Junior geologist	35	300	$10,500.00
Geotech	8	275	$2,200.00
Archeologist	2	850	$1,700.00
Permitting		flat	$860.52
Site support		flat	$578.68
Cartography	4	250	$1,000.00
Sample Analysis	31	32.32	$1,001.92
Travel	1	850	$850.00
		Diamond Drilling Sub-total	$316,707.41
Exploration			
		Exploration Total	$432,055.23
Report writing	15	500	$7,500.00
		Sub-total	$7,500.00
10% administration fee			$43,955.52
		Total	$483,510.75

Appendix 1: Statement of Costs

Personnel	start	end	days	rate	cost
Event No: 5834465					
Contract drill crew	10/1/2017	6/30/2018		flat	$359,330.80
Lead geologist (geology)	9/1/2017	6/30/2018	15	600	$9,000.00
Lead geologist (drilling)	10/1/2017	6/30/2018	75	600	$45,000.00
Survey geotech	5/10/2018	6/30/2018	15	300	$4,500.00
Core geotech	10/1/2017	6/3/2018	29	300	$8,700.00
Cartographer	9/15/2017	6/30/2018	4	250	$1,000.00
				Total	$427,530.80
Event No: 5834513					
Contract drill crew	7/1/2018	8/8/2018		flat	$306,987.53
Lead geologist (drilling)	7/1/2018	12/31/2018	47	600	$28,200.00
Core geotech	7/15/2018	10/30/2018	78	300	$23,400.00
Cartographer	7/15/2018	7/31/2018	0.5	250	$125.00
Geophysicist (VLF)	7/1/2018	7/9/2018	9	800	$7,200.00
Geotech	5/1/2018	5/28/2018	14	400	$5,600.00
				Total	$358,712.53
Event No: 5834579					
Contract drill crew	1/1/2019	9/15/2019		flat	$767,238.63
Lead geologist (drilling)	1/10/2019	12/31/2019	138	600	$82,800.00
Core geotech (drilling)	3/1/2019	9/3/2019	122	300	$36,600.00
XRF geotech (drilling)	6/12/2019	6/13/2019	2	275	$550.00
Consulting geologist (geology)	4/2/2019	7/1/2019	14	1000	$14,000.00
Consulting geologist (geology)	4/2/2019	5/27/2019	6	600	$3,600.00
Lead geologist (geology)	5/1/2019	5/27/2019	9	600	$5,400.00
Geophysicist (excel)	1/1/2019	1/15/2019	8	750	$6,000.00
Geophysicist (VLF)	4/10/2019	5/4/2019	10.5	800	$8,400.00
Lead geotech (VLF)	4/26/2019	12/31/2019	11	400	$4,400.00
Geotech (VLF)	4/26/2019	5/1/2019	11	250	$2,750.00
Cartographer	4/10/2019	7/9/2019	1	250	$250.00
				Total	$164,750.00
Event No: 5834690					
Contact drill crew	1/1/2020	3/3/2020		flat	$248,816.29
Lead geologist (drilling)	1/1/2020	5/31/2020	82	600	$49,200.00
Junior geologist (drilling)	1/15/2020	3/1/2020	35	300	$10,500.00
Geotech	2/20/2020	3/6/2020	8	275	$2,200.00
Archeologist	2/1/2020	2/6/2020	2	850	$1,700.00
Geophysicist	1/1/2020	1/18/2020	6	750	$4,500.00
Lead geologist	1/1/2020	7/28/2020	20	600	$12,000.00
Geochemist	3/2/2020	5/31/2020	33	800	$26,400.00
Lead geotech (bio geochem)	4/1/2020	4/29/2020	33	300	$9,900.00
Geotech (bio geochem)	4/1/2020	4/29/2020	30	250	$7,500.00
Senior geologist (geology)	2/15/2020	5/21/2020	12	450	$5,400.00
				Total	$378,116.29

Appendix 2: Statement of Qualifications – M. Seabrook

I, Michael Seabrook, P.Geo., BSc. do hereby certify that:

1. I am a member of the Engineers and Geoscientists British Columbia (EGBC) and a member of the Association of Professional Engineers and Geoscientists of Alberta (APEGA).

2. I attained the degree of Bachelor of Science (BSc.) in geology from the University of Calgary, Calgary, Alberta in 2008.

3. I have worked in the geological exploration industry for 14 years as an independent contractor.

4. I acted as an exploration geologist for PJX Resources Inc. during this program and have visited the property many times.

1. I and my co-authors, D.L. Pighin and W. Rose, are responsible for the preparation of this report entitled: **"Diamond Drilling, Geological Mapping, Geochemistry, and Geophysics on the Vine Property, Southeastern British Columbia",** dated July 18, 2021.

Dated this 18th Day of July, 2021.

Michael Seabrook, P.Geo.

Appendix 2: Statement of Qualifications – D. L. Pighin

I, David L. Pighin, P. Geo. do hereby certify that:

1. I am a self-employed consulting geologist whose office is at Hidden Valley Road, Cranbrook, BC. Mailing address is 301 8th Street S. Cranbrook BC, V1C 1P2.
2. I am a member in good standing of the Association of Professional Engineers and Geoscientists of the province of British Columbia.
3. I have been actively involved in mining and exploration geology, primarily in the Province of British Columbia, for more than 50 years.
4. I was employed by Cominco Ltd. for 24 years, first as a prospector, then as an exploration technician, and finally as an exploration geologist.
5. Since 1989 I have worked for numerous junior exploration companies.
6. I have worked as an exploration geologist in BC, the Yukon, the NWT, New Brunswick, in most of the western United States and Mexico.
7. I have designed numerous diamond drill programs small and large (>2 million dollars)
8. I have planned and managed numerous exploration programs designed to find deposits of base metals, tungsten, molybdenum, gold, diamonds, and rare earth metals.
9. I worked on the Vine property in the Purcell Mountains under contract to PJX Resources Ltd. and acted as exploration supervisor during the program discussed in this report.
10. I, and my co-author, M. Seabrook and W. Rose, are responsible for the preparation of this report entitled: **"Diamond Drilling, Geological Mapping, Geochemistry, and Geophysics on the Vine Property, Southeastern British Columbia",** dated July 18, 2021.

Dated this 18th Day of July, 2021.

David L. Pighin, P.Geo

Appendix 2: Statement of Qualifications – W. Rose

I, Wesley Rose, BSc. do hereby certify that:

1. I attained the degree of Bachelor of Science (BSc.) in geology from the University of Calgary, Calgary, Alberta in 2018.

2. I have worked in the geological exploration industry in the East Kootenays for 4 years.

3. I acted as a junior geologist for PJX Resources Inc under the supervision of senior staff during this program and have visited the property many times.

4. I, and my co-authors, M. Seabrook and D.L. Pighin, are responsible for the preparation of this report entitled: **"Diamond Drilling, Geological Mapping, Geochemistry, and Geophysics on the Vine Property, Southeastern British Columbia",** dated July 18, 2021.

Dated this 18th Day of July, 2021.

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Wesley Rose, BSc.

Appendix 3: Claims List, Vine property as of April 1, 2021

Title Number	Issue Date	Good To Date	Status	Area (ha)
380410	2000-09-04Z	2028-11-03Z	GOOD	25
380411	2000-09-04Z	2028-11-03Z	GOOD	25
380412	2000-09-04Z	2028-11-03Z	GOOD	25
380413	2000-09-04Z	2028-11-03Z	GOOD	25
380414	2000-09-04Z	2025-11-03Z	GOOD	25
380415	2000-09-04Z	2028-11-04Z	GOOD	25
380416	2000-09-04Z	2028-11-03Z	GOOD	25
380417	2000-09-04Z	2028-11-04Z	GOOD	25
380418	2000-09-04Z	2028-11-03Z	GOOD	25
380419	2000-09-04Z	2028-11-04Z	GOOD	25
380420	2000-09-04Z	2028-11-03Z	GOOD	25
380421	2000-09-04Z	2025-11-03Z	GOOD	25
380422	2000-09-04Z	2025-11-03Z	GOOD	25
380423	2000-09-04Z	2025-11-03Z	GOOD	25
380424	2000-09-04Z	2025-11-03Z	GOOD	25
505873	2005-02-04Z	2025-11-20Z	GOOD	434.882
505880	2005-02-04Z	2025-11-20Z	GOOD	42.052
505881	2005-02-04Z	2025-11-20Z	GOOD	21.026
505882	2005-02-04Z	2025-11-20Z	GOOD	21.026
505883	2005-02-04Z	2025-11-20Z	GOOD	84.093
505884	2005-02-04Z	2028-11-20Z	GOOD	42.046
505885	2005-02-04Z	2025-11-20Z	GOOD	509.463
505886	2005-02-04Z	2028-11-20Z	GOOD	42.054
505887	2005-02-04Z	2028-11-20Z	GOOD	42.05
506089	2005-02-07Z	2028-11-20Z	GOOD	42.041
506090	2005-02-07Z	2028-11-20Z	GOOD	21.02
506091	2005-02-07Z	2028-11-21Z	GOOD	42.038
506092	2005-02-07Z	2028-11-20Z	GOOD	21.019
506105	2005-02-07Z	2025-11-21Z	GOOD	84.044
506107	2005-02-07Z	2020-11-20Z	GOOD	84.036
506108	2005-02-07Z	2021-11-20Z	GOOD	42.023
506110	2005-02-07Z	2023-11-20Z	GOOD	84.043
506116	2005-02-07Z	2023-01-10Z	GOOD	42.024
506117	2005-02-07Z	2023-01-10Z	GOOD	21.012
506118	2005-02-07Z	2020-11-20Z	GOOD	42.021
506119	2005-02-07Z	2021-01-10Z	GOOD	105.042
506120	2005-02-07Z	2020-11-20Z	GOOD	42.016
506122	2005-02-07Z	2023-11-21Z	GOOD	42.011
506123	2005-02-07Z	2020-11-20Z	GOOD	42.007
506125	2005-02-07Z	2023-11-21Z	GOOD	21.005
506126	2005-02-07Z	2020-11-20Z	GOOD	21.004
506127	2005-02-07Z	2023-11-21Z	GOOD	42.009

506128	2005-02-07Z	2023-01-10Z	GOOD	21.007
506129	2005-02-07Z	2021-11-21Z	GOOD	42.009
506130	2005-02-07Z	2021-01-10Z	GOOD	21.007
506131	2005-02-07Z	2021-01-10Z	GOOD	42.009
506132	2005-02-07Z	2021-01-10Z	GOOD	21.007
506133	2005-02-07Z	2020-11-20Z	GOOD	84.019
506134	2005-02-07Z	2021-11-20Z	GOOD	42.014
506135	2005-02-07Z	2021-11-21Z	GOOD	42.009
506136	2005-02-07Z	2020-11-20Z	GOOD	21.007
506137	2005-02-07Z	2020-11-21Z	GOOD	42.009
506138	2005-02-07Z	2020-11-20Z	GOOD	21.007
506139	2005-02-07Z	2020-11-21Z	GOOD	420.137
506140	2005-02-07Z	2020-11-20Z	GOOD	42.009
506141	2005-02-07Z	2021-01-11Z	GOOD	525.013
506142	2005-02-07Z	2020-11-21Z	GOOD	21.007
506143	2005-02-07Z	2023-11-21Z	GOOD	461.962
506144	2005-02-07Z	2028-01-10Z	GOOD	63.04
506145	2005-02-07Z	2023-01-11Z	GOOD	21.014
506146	2005-02-07Z	2028-11-20Z	GOOD	42.031
506147	2005-02-07Z	2028-11-21Z	GOOD	21.015
506148	2005-02-07Z	2023-11-20Z	GOOD	42.038
506150	2005-02-07Z	2023-11-20Z	GOOD	42.029
506155	2005-02-07Z	2023-01-10Z	GOOD	21.012
506156	2005-02-07Z	2023-11-21Z	GOOD	21.015
506157	2005-02-07Z	2023-11-21Z	GOOD	42.019
506159	2005-02-07Z	2023-11-20Z	GOOD	42.019
506160	2005-02-07Z	2023-11-21Z	GOOD	21.009
506162	2005-02-07Z	2023-11-20Z	GOOD	21.009
506165	2005-02-07Z	2023-11-20Z	GOOD	84.037
506166	2005-02-07Z	2023-11-20Z	GOOD	42.018
506167	2005-02-07Z	2023-11-20Z	GOOD	21.012
506168	2005-02-07Z	2023-11-20Z	GOOD	21.008
506169	2005-02-07Z	2028-11-20Z	GOOD	42.027
506171	2005-02-07Z	2028-11-20Z	GOOD	42.031
506173	2005-02-07Z	2028-11-21Z	GOOD	273.198
506174	2005-02-07Z	2028-01-10Z	GOOD	42.04
506175	2005-02-07Z	2028-11-21Z	GOOD	42.043
506176	2005-02-07Z	2028-01-11Z	GOOD	42.041
506177	2005-02-07Z	2028-11-21Z	GOOD	63.072
506185	2005-02-07Z	2023-11-20Z	GOOD	398.91
506186	2005-02-07Z	2023-11-20Z	GOOD	20.993
506187	2005-02-07Z	2023-11-20Z	GOOD	20.993
506188	2005-02-07Z	2023-11-20Z	GOOD	20.993
506189	2005-02-07Z	2023-11-20Z	GOOD	20.993
506190	2005-02-07Z	2023-11-20Z	GOOD	41.988
506780	2005-02-11Z	2029-11-20Z	GOOD	84.068

506781	2005-02-11Z	2023-11-20Z	GOOD	21.014
506782	2005-02-11Z	2023-11-20Z	GOOD	21.014
506783	2005-02-11Z	2023-11-20Z	GOOD	21.012
506784	2005-02-11Z	2023-11-20Z	GOOD	63.04
506785	2005-02-11Z	2023-11-20Z	GOOD	21.011
506786	2005-02-11Z	2023-11-20Z	GOOD	42.022
506787	2005-02-11Z	2023-11-20Z	GOOD	42.018
832821	2010-09-05Z	2028-12-04Z	GOOD	84.0848
938674	2011-12-23Z	2028-11-30Z	GOOD	21.0201
938675	2011-12-23Z	2028-12-01Z	GOOD	147.1078
938676	2011-12-23Z	2028-04-24Z	GOOD	21.0235
970629	2012-03-23Z	2023-11-25Z	GOOD	105.031
970649	2012-03-23Z	2023-04-24Z	GOOD	168.0919
1008762	2012-06-30Z	2020-11-20Z	GOOD	42.0123
1018945	2013-04-29Z	2020-11-20Z	GOOD	105.0288
1032872	2014-12-22Z	2023-12-22Z	GOOD	84.0681
1032873	2014-12-22Z	2023-12-22Z	GOOD	84.0808
1032874	2014-12-22Z	2023-12-22Z	GOOD	126.0777
1032875	2014-12-22Z	2020-12-22Z	GOOD	189.0692
1032877	2014-12-22Z	2020-12-22Z	GOOD	168.11
1032878	2014-12-22Z	2023-12-22Z	GOOD	168.1059
1032879	2014-12-22Z	2020-12-22Z	GOOD	189.0891
1032880	2014-12-22Z	2020-12-22Z	GOOD	126.0184
1032881	2014-12-22Z	2020-12-22Z	GOOD	126.0577
1032882	2014-12-22Z	2020-12-22Z	GOOD	126.0563
1032883	2014-12-22Z	2020-12-22Z	GOOD	126.0344
1032884	2014-12-22Z	2020-12-22Z	GOOD	84.0218
1032885	2014-12-22Z	2020-12-22Z	GOOD	84.021
1032886	2014-12-22Z	2020-12-22Z	GOOD	125.9964
1032887	2014-12-22Z	2020-12-22Z	GOOD	84.0098
1032888	2014-12-22Z	2023-12-22Z	GOOD	105.0813
1032890	2014-12-22Z	2023-12-22Z	GOOD	105.0863
1046737	2013-04-30Z	2021-01-20Z	GOOD	105.0621
1046739	2013-04-30Z	2020-11-20Z	GOOD	63.0584
1047053	2016-10-02Z	2023-10-03Z	GOOD	63.0605
1064265	2018-11-05Z	2020-11-05Z	GOOD	21.0232
1064266	2018-11-05Z	2020-11-05Z	GOOD	21.0213

Appendix 4: Biogeochemistry report

The following biogeochemistry report refers to appendices that are included in this report under different titles.

Biogeochemistry report	This report
Appendix 1: Tables A1 – 1 to 3	Appendix 10: Sample assay certificates
Appendix 1: Tables A1 – 4	Appendix 5: Biogeochemistry analysis

Biogeochemical Sampling Program

Phase 1 (Vine 1 – Central Test Area)

During a four day period at the end of December, 2019, the first phase, of what was to become a biogeochemical survey covering 3 adjacent areas, was carried out in the vicinity of known mineralization on the Vine Property. Field personnel were B.A. Belton (Kootenay Geoscience) and Mike Kennedy (Kimberley, BC). At the time, the ground was frozen and there was a snow cover of variable thickness, but this did little to hamper the collection of twigs (with needles) of Douglas-fir (*Pseudotsuga menziesii*) from 90 mature trees that were mostly 15-20 years old. At each sample station, 3-5 twigs, each about 25 cm long (~ 4-5 years of growth), were snipped from around the circumference of a single tree. Locations were accurately recorded using a GPS and relevant field notes recorded at each sample station. A typical sample is shown in Figure 1, along with the initial sample preparation.

a) Typical Douglas-fir sample

b) Separation of dried needles from twigs

Fig. 1: Typical sample of Douglas-fir twigs with needles, and separation of needles from twigs after oven drying.

According to availability, samples were collected at 100 m intervals on an offset grid pattern, along survey lines 100 m apart (Figs. 2 and 5).

Samples were sent directly to Colin Dunn (Vancouver Island) for inspection, oven-drying, then removal of the needles from the twigs (Fig. 1).

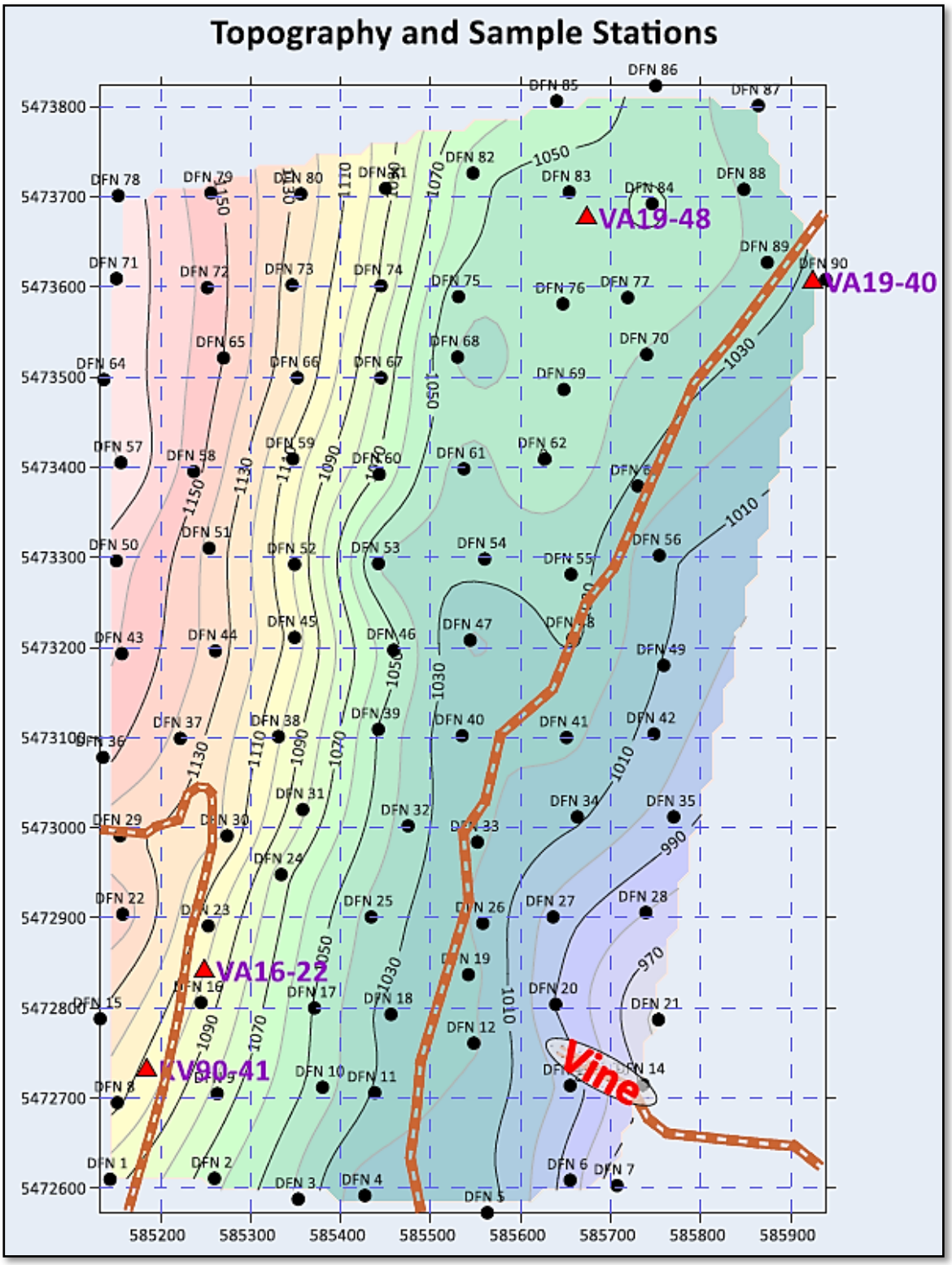


Fig. 2: Sample stations – Douglas-fir twigs and needles. Initial survey – Vine1 ('central test area') with locations of former drill holes, and the Vine occurrence (Pb-Zn-Ag). Approximate 100 m grid spacing, depending on availability of trees.

Phase 2 (Vine 2W and Vine 2E)

The same field crew conducted additional sample collection, using the same procedures as for Phase 1, across Vine 2W from March 28th- April 1st, 2020, and from April 5th-8th, 2020, for a total of 206 samples, including field duplicates (Fig. 3). Locations were again accurately recorded using a GPS, relevant field notes recorded, and sent to Vancouver Island for processing.

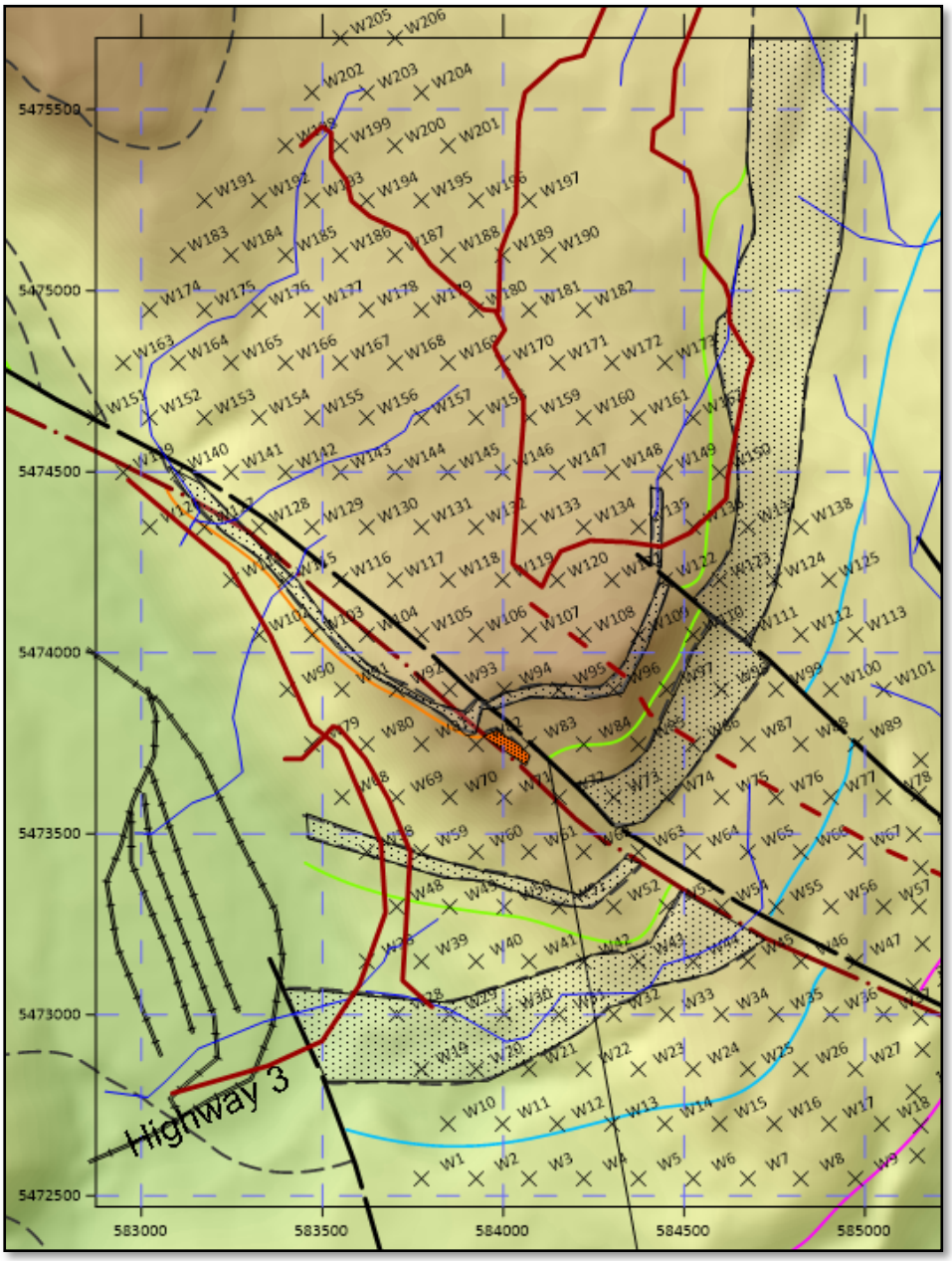


Fig. 3: Locations of all Douglas-fir sample stations in Vine West (March-April 2020), including cultural features and lithological outlines.

Similarly, sampling of Vine 2E involved 2 phases; April 19th-23rd and April 28th and 29th for a total of 180 samples (n=174+field duplicates, Fig. 4). As with the former two grids, locations were accurately recorded using a GPS and relevant field notes recorded at each sample station, and samples sent to Vancouver Island for processing.

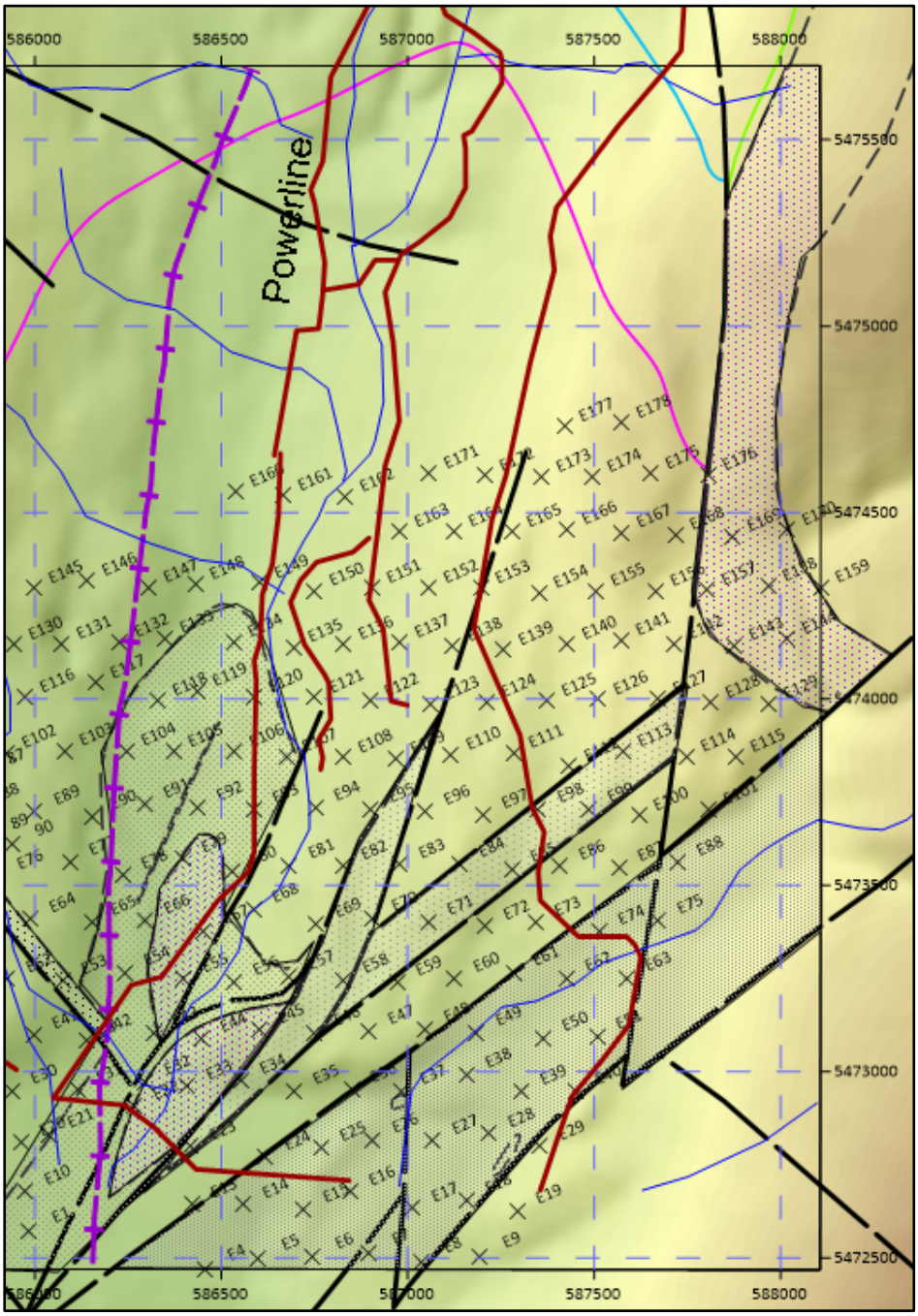


Fig. 4: Locations of all Douglas-fir sample stations in Vine East (April 2020), including cultural features and lithological outlines.

In summary, there were 90 sample stations in Vine 1 Central; 206 in Vine 2W; and 174 in Vine 2E for a grand total of 470 samples (excluding field duplicates) from the 3 adjacent survey areas. Fig. 5 shows all sample stations on topography and drainage.

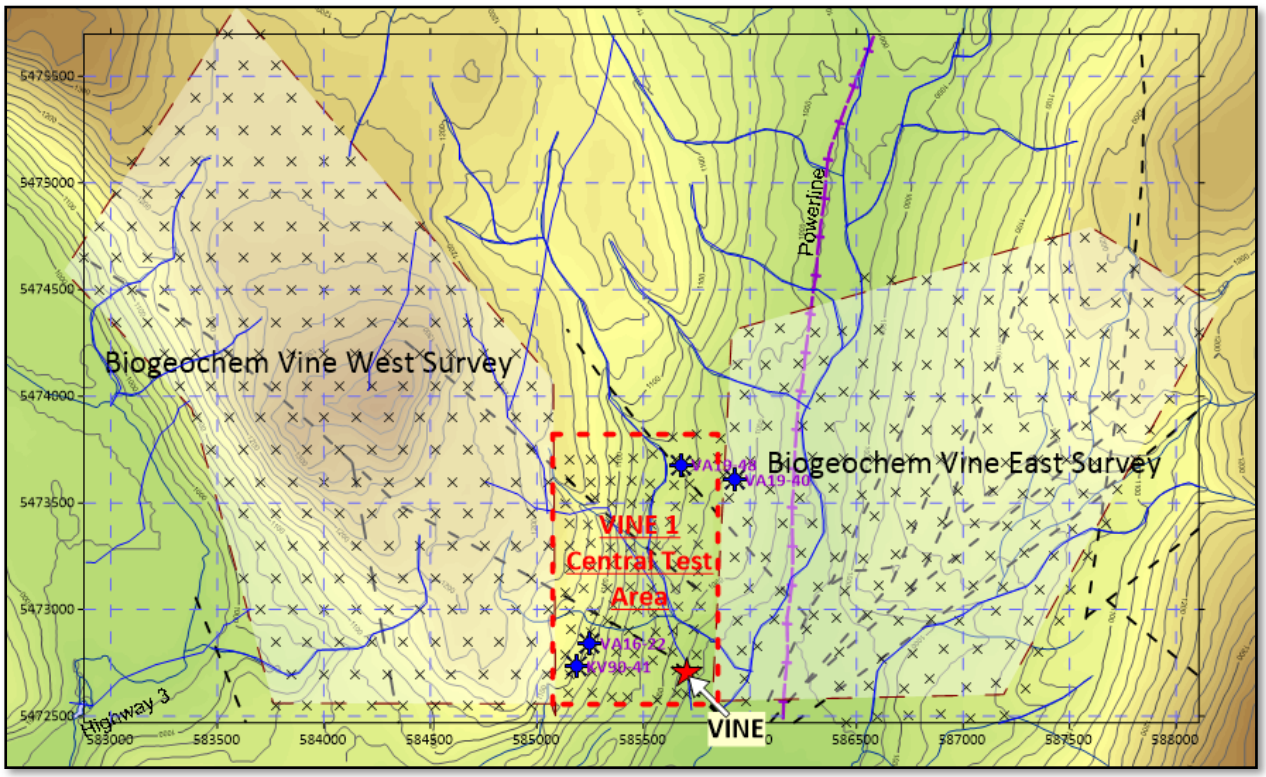


Fig. 5: Locations of all Douglas-fir sample stations: Vine Property (Dec. 2019-April 2020) – details of sample numbers are shown in Figures 2, 3 and 4. Blue 'stars' are former ddh.

Sample Preparation and Analysis

As noted above, all samples were shipped to Vancouver Island for inspection and preparation for analysis by Colin Dunn. While still in the original samples bags, samples were oven dried at 70°C for 24 hours to remove all moisture.

Each bag of samples was examined and the needles separated from the twigs – a simple procedure once the samples have been oven-dried. Aliquots of needles, each weighing 30-50 g, were packaged and control ash samples (Control V4a – ashed balsam fir needles) inserted at a rate of 1 in 10 samples. Samples were then dispatched by courier to ALS Minerals Ltd (North Vancouver) for reduction to ash by controlled ignition at 475°C for 24 hours (Method VEG-ASH01). Subsequently, 0.25g aliquots of ash were digested in a modified aqua regia solution, followed by analysis for 53 elements by inductively-couple mass spectrometry (Method ME-VEG-41a) and the ash yield recorded. The ashing procedure volatilizes the Hg, so the small

traces of Hg reported are disregarded, since they probably represent ambient atmospheric Hg levels. The ashing procedure concentrates the trace elements to well above the detection levels of most elements.

At a later date, the laboratory was asked to conduct analysis of ash for the four halogens F, Cl, Br and I; studies conducted through the auspices of Geoscience BC had demonstrated that these elements may assist in delineating zones of concealed mineralization and structure (e.g. Dunn and Heberlein, 2020). This required the preparation and submission of another suite of needle samples in order to generate sufficient ash for the extended experimentation and final analysis. Over a period of several months ALS Labs further evolved the analytical methodology for these elements by conducting multiple tests on these samples to refine the method's accuracy and precision. This extra work delayed reporting of the results for several months. Ultimately, a modified procedure was developed involving a de-ionized water leach followed by ICP-MS and ion chromatograph analysis. Only the final set of analytical data is included in this report. Table A1-1 (Appendix 2) includes the final, much improved, analytical precision that was obtained on the blind control samples V4A, inserted after every 10th sample. Note that to date, for expediency the halogens were determined only on the samples from the first set collected (Vine Central; n=90).

Analytical Results

Data for multi-element analysis of the three survey areas are shown in the following Excel Tables (Appendix 2):

1. Table A1-1: Central area – Grid Vine 1 – VA20015761 (concentrations in ash)
2. Table A1-2: Eastern area – Grid Vine 2 east – VA20100734 (concentrations in ash)
3. Table A1-3: Western area – Grid Vine 2 west – VA20089273 (concentrations in ash)
4. Table A1-4: All data from all grids, reduced to dry weight basis, including statistics and element ratios.

Data Analysis

Upon receipt of fully acceptable data, the quality control was examined in detail. The multiple spreadsheets in each Excel workbook shown in Appendix 2 include spreadsheets of blind controls, laboratory controls (including blanks) and analytical duplicates. Where appropriate, charts have been embedded that can be scrolled across the elements to view in more detail. Another spreadsheet shows a statistical breakdown of the data into percentiles (progressive percentiles, explained below). Finally, there is a spreadsheet showing factor analysis of the dataset (also explained below under Table A1-4). This is the dataset used for summarizing much of the details shown in this report.

Table A1-2 (Vine east) contains a similar breakdown of the data as for Table A1-1, except separate statistics have not been calculated; similarly Table A1-3 (Vine west) has much the same information.

Once the data quality had been fully assessed, and any discrepancies followed up with the laboratory, a final set of all the analytical data (levelled to a dry-weight equivalent) for 470 samples was combined into a single Excel workbook (Table A1-4, Appendix 2). Data for certain elements reported as very low ppm values were converted to ppb for more readily interpretable numbers (data shown in red). A few elements were all, or almost all, reported as below the already low limit of detection and so they have been omitted – i.e. Hg, Pt, Pd, Ta and Te. Germanium showed occasional spikes in the laboratory blanks, making the resultant data suspect; values were consistently low in the field samples so weak anomalies could be analytical artifacts. Potassium was excluded because most values were above the upper detection level of 10% due to the high K content of most vegetation species

Table A1-4 contains the following worksheets:

1. 'All dry_half d.l.' – this shows analytical data for all 470 samples, reduced to dry weight equivalent by taking the value in ash, multiplying by 100 and dividing by the ash yield percentage that the laboratory reported. **This is the dataset used for the final statistical analysis and data plotting.**
2. 'STATS_DRY'. This is a statistical breakdown of all of the analytical data shown in the preceding spreadsheet. Included are mean, median, standard deviation, minimum and maximum values, as well as progressive percentiles. The latter take the 50th percentile followed by half of the remainder to generate the 75th percentile, then half of the remainder (87.5th percentile) and so on, rounded off to the closest percentile. Also included is the 25th percentile. The 50th percentile is highlighted just for ease of reference – it has no other significance.
3. 'FACTOR'. This shows an analysis of the data (dry equivalents) for the 470 samples (first spreadsheet) subjected to a factor analysis to reveal inter-element relationships. In effect it is a further analysis of a correlation coefficient matrix. The first matrix shown is from calculations obtained by extraction from a Principal Component Analysis, followed by Varimax rotation after Kaiser Normalization (a standard procedure in factor analysis). Results show elements that are inter-related, with the 1st component accounting for the largest percentage of the variation and indicating that these elements are associated in the underlying substrate. Subsequent components each account for progressively small fractions of the remaining data, and commonly indicate factors such as nutrition, dominant bedrock (e.g. Component 3 includes Ca, Sr and Ba – divalent ions that are probably derived from carbonates); other common element associations (e.g. REE in Component 2); and mineralization (e.g. Component 4 shows an association of SedEx-related elements – Cd, As, Pb, S, Ag and Zn). The statistical association of Zn is relatively low, because Zn is an essential element in plant metabolism and therefore only shows enrichment when there is considerable excess to a plant's requirement. Consequently, its geochemically associated element Cd (a non-essential element) typically shows a stronger relationship to Zn mineralization than Zn itself. Figure 6 shows a plot of Component 4 – SedEx related elements.

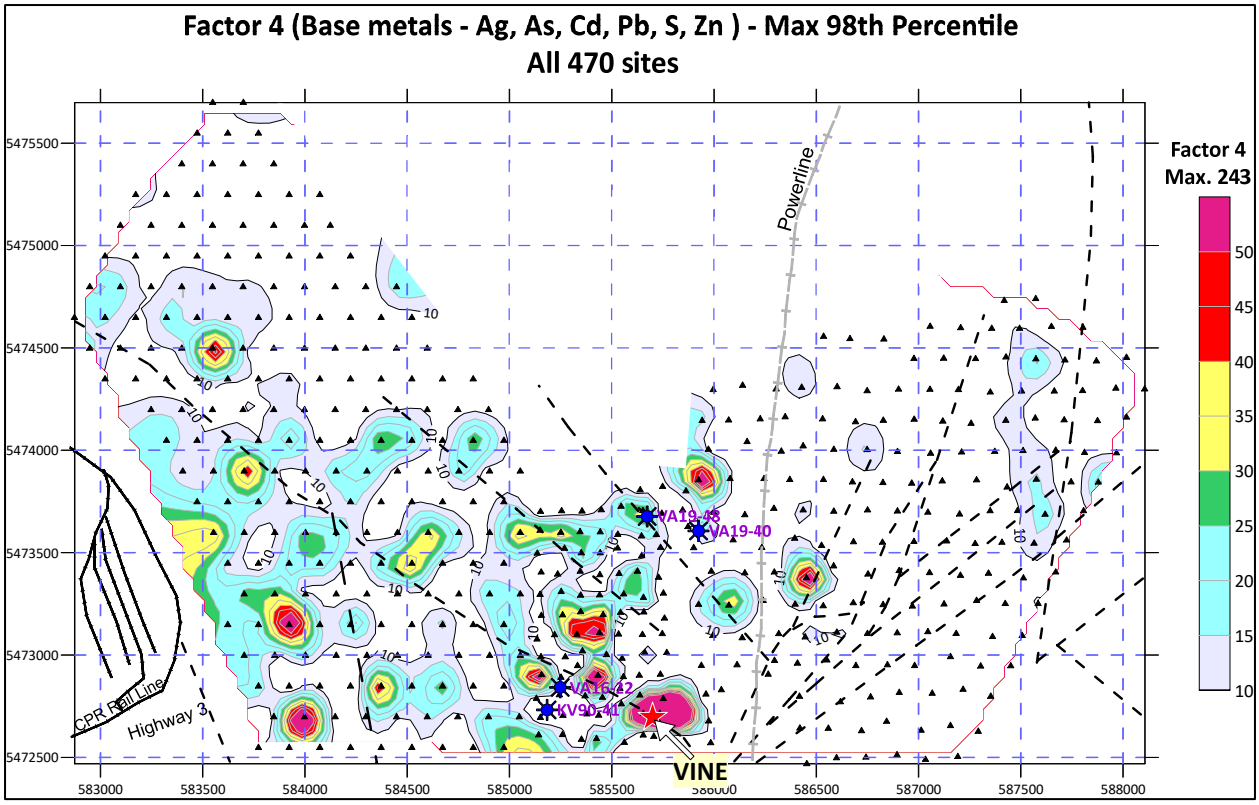


Fig. 6 Plot of SedEx related elements derived from a Factor Analysis (Component 4) of all samples.

In Figure 6 it is noteworthy that the strongest anomaly is around the Vine vein, but additional areas are of similar magnitude – notably to the northwest of the Vine vein. Much of the following concentrates, therefore, on the Vine Central area – it is the only area for which halogen data have been obtained.

Two other matrices are shown which are alternative methods of optimizing the data structure and associations by rotating oblique axes through the 'cloud' of elements that are projected into n-dimensional space for factor analysis, whereas for the Varimax rotation orthogonal axes are projected. This becomes somewhat esoteric but helps to confirm the validity of the element suites obtained from the Varimax rotation. It appears that there is little or nothing to be gained by considering the alternative matrices.

4. 'Ratios'. Geochemical data distribution patterns related to metal mineralization can commonly be enhanced by considering ratios of certain elements. These may be positive with respect to zones of mineralization, or negative. Ratios obtained from the literature, conveniently summarized in the volume 'Think Zinc: The Geology of Zinc Deposits' – a 2-day short course presented at AME Round-up (MDRU, 2018) - have been calculated for the present dataset and are shown on the 'Ratios' spreadsheet. Included are calculations for Bi:Au since this may sometimes be of use in Au exploration.

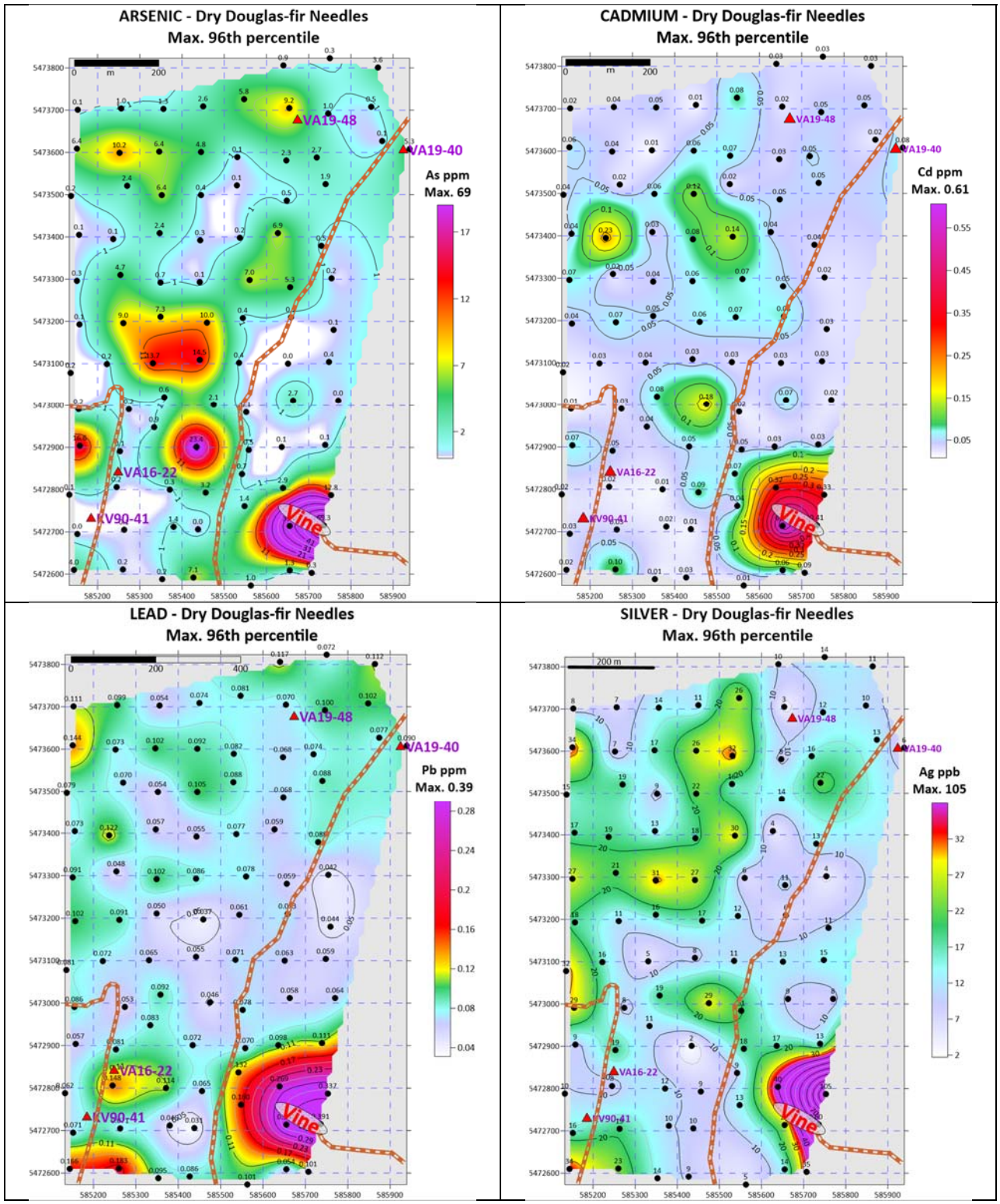
5. 'Ratios stats' – the same percentile statistics that were calculated for the 470 sample dataset.

Data Plots – Vine 1 – Central Area

The 90 samples collected from Vine 1 (Figure 2) were the only samples submitted for both multi-element ICP-MS and the halogens (Table A1-1, Appendix 2); the remainder (Vine West and Vine East) were analyzed only for the multi-element suite. All analyses were conducted on fir needles that had been reduced to ash, since this was a prerequisite for the halogen method recently developed at ALS labs, and further refined during the course of this analytical program. This dataset comprises some compelling results that can be related to known mineralization at the Vine vein (a surface showing with zinc, lead, copper, gold, and silver - PJX News Release, 11th May, 2021). Consequently, much of this report concentrates on this central area of approximately 1 sq. km. However, all data (470 sample stations) are provided in the Tables contained within Appendix 2 for further evaluation.

All elements with more than 50% of the data above detection level have been kriged (minimum curvature) with colour changes at the progressive percentile levels, taking the minimum value as one extreme, and the 96th percentile as the maximum (to avoid 'outlier' influence that might bias the plots). Appendix 2 shows the single element plots, arranged in alphabetical order of the element name.

There is a wealth of information to be extracted from these plots and from the multi-element database in general. For example, strong base metal and pathfinder element signatures in the vicinity of the Vine vein, including As, Cd, Pb, Ag, Zn and S (Fig. 7).


ARSENIC - Dry Douglas-fir Needles
Max. 96th percentile
As ppm
Max. 69
CADMIUM - Dry Douglas-fir Needles
Max. 96th percentile
Cd ppm
Max. 0.61
LEAD - Dry Douglas-fir Needles
Max. 96th percentile
Pb ppm
Max. 0.39
SILVER - Dry Douglas-fir Needles
Max. 96th percentile
Ag ppb
Max. 105
VA19-48
VA19-40
VA16-22
KV90-41
Vine

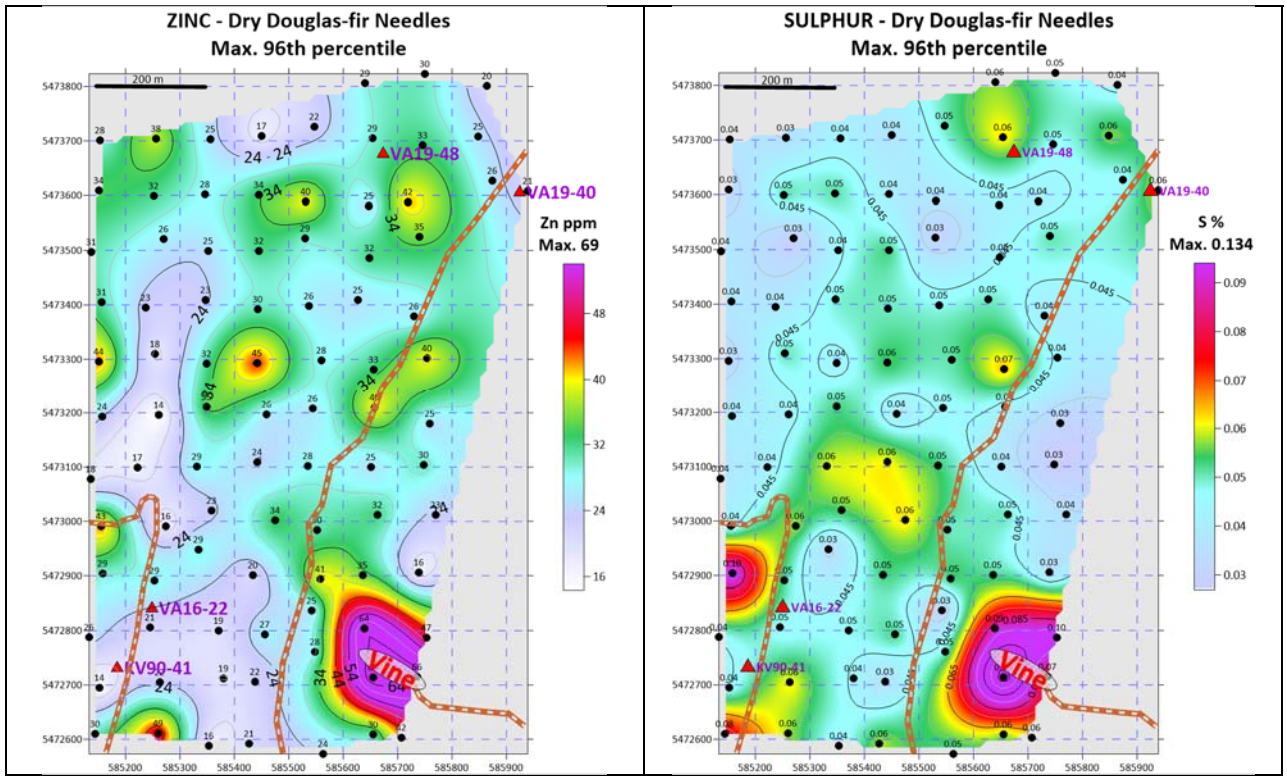


Figure 7: Base metal and pathfinder elements in ashed Douglas-fir needles, levelled to dry-weight equivalent.

Although the area of the Vine mineralization stands out strongly, it is noteworthy that the anomalies brought out by the factor analysis (Fig. 6) vary from being more subdued in the single element plots, to not evident.

The Vine vein also stands out strongly in a plot of element ratios for Zn:Pb (Fig. 8). However, the ratio of Zn/(Zn+Pb)x100 – commonly used in the exploration for SedEx deposits (Huston and Large, 1987) – shows a stronger signature in the central part of the survey area (Fig. 8).

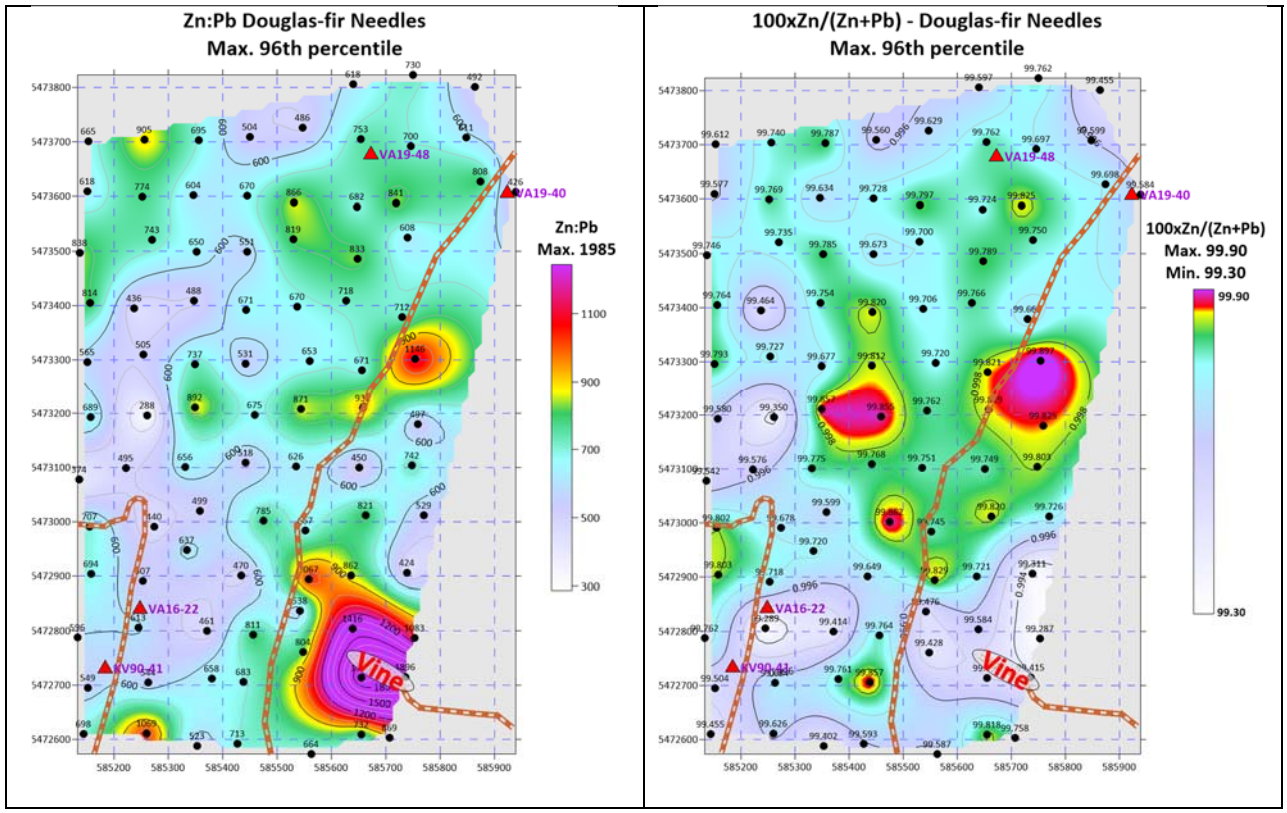


Fig. 8 Ratios - Zn:Pb and Zn/Zn+Pb)x100

Additional spatially related anomalies in the central part of the survey area are among Cu, B, Mo, B and P (Fig. 9). Boron is of interest since it is a major constituent of tourmaline, which shows a spatial relationship to the nearby Sullivan deposit, and is also apparent in the vegetation of that area (Dunn, 2000). These elements appear as a co-related association throughout the survey area as a whole, as Component 5 in the Factor Analysis (Appendix 1, Table A1-4). Note, too, that there is subtle Cd enrichment in the same area as the B, Cu and Mo (Fig. 7).

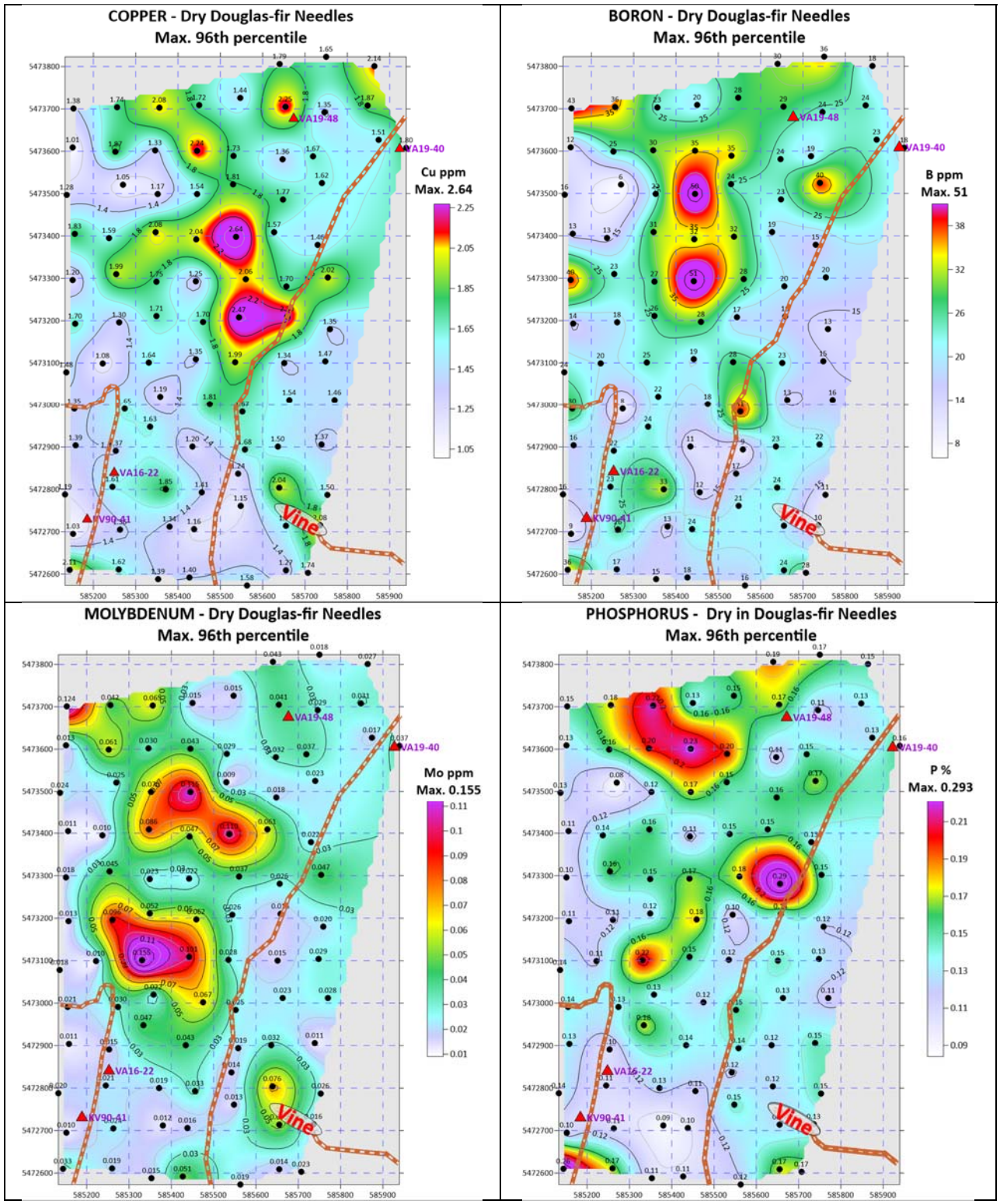


Figure 9: Similar patterns of Cu, B, Mo and P in ashed Douglas-fir needles, levelled to dry-weight equivalent.

Figure 10 shows the patterns of halogen distributions. Although not definitive, it is of note that there is a general west-east trend of F in the north-central part of the Vine Central grid; in the Blackwater area of central British Columbia, a strong F trend was found to delineate the concealed occurrence, predicted by others, of the Blackwater Fault (Dunn and Heberlein, 2020).

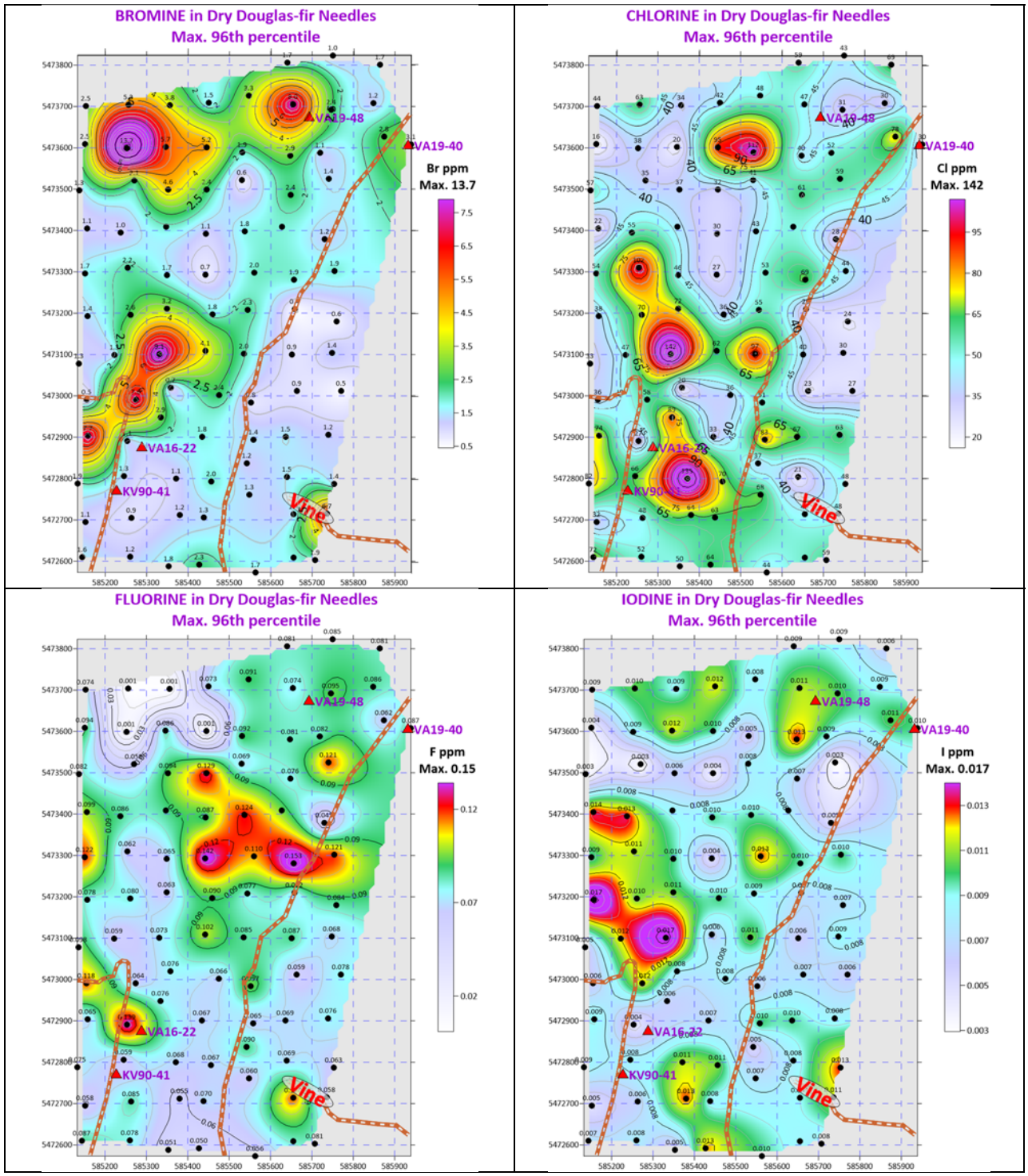


Fig. 9 Halogens in Douglas-fir needles.

Gold enrichments, known in the general vicinity of the Vine mineralization, are not apparent in the data from just the central grid (Appendix 3), but when considered in the whole dataset, there are subtle anomalous concentrations to the southeast of the Vine. Although the overall concentrations are very low, there are relatively stronger anomalies elsewhere in the overall survey area (Fig. 10).

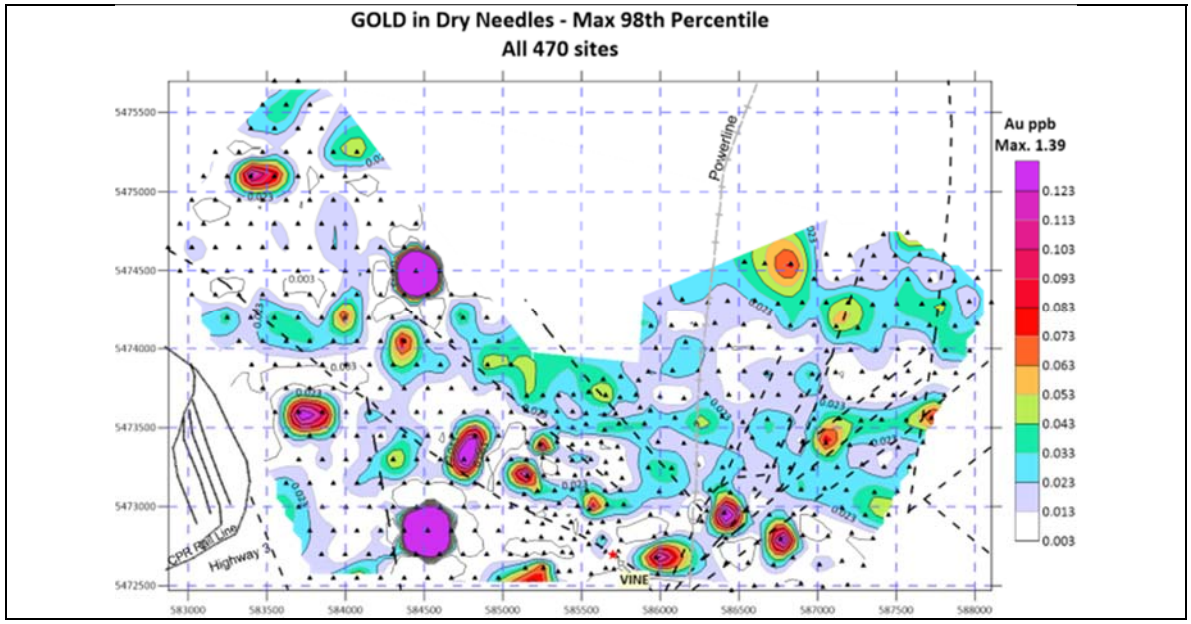


Figure 10 – Gold distribution

APPENDIX 1

Table A1-1 Central area – Grid Vine 1 – VA20015761
Table A1-2 Eastern area – Grid Vine 2 east – VA20100734
Table A1-3 Western area – Grid Vine 2 west – VA20089273
Table A1-4 All data from all grids including statistics and element ratios.

REFERENCE

Dunn, C.E. (2000). Biogeochemical response to base metal mineralization in the Kimberley area: A summary account. In 'The Geological Environment of the Sullivan Deposit, British Columbia, (ed.) J.W.Lydon, J.F. Slack, T. Hoy, and M.E. Knapp. Geol. Assoc. Canada, Mineral Deposits Division, MDD Special Publication No. 1, 496-504.

Dunn, C.E. and Heberlein, D.R. (2020). A geochemical investigation of halogens in spruce treetops and integration with existing multi-element data – Blackwater/TREK regions, Central British Columbia (NTS 093C, 093F). Geoscience BC Report 2020-04, 46 pp + appendices.

Huston, D.L. and Large, R.R. (1987). Genetic and exploration significance of the zinc ratio (100 Zn/(Zn + Pb))in massive sulfide system, Economic Geology, vol. 82, no. 6 , pp. 1521-1539

MDRU (2018). Think Zinc: The Geology of Zinc Deposits. MDRU Short Course 94, January 21&22 in association with AME Roundup, Vancouver, BC, 303 pp.

Appendix 5: Biogeochemistry analysis

Element statistics and percentiles.

	Units	n	Mean	Std. D	Min	25	50	75	87	93	96	98	Max
Au	ppb	470	0.025	0.073	0.003	0.006	0.015	0.028	0.037	0.046	0.074	0.126	1.39
Ag	ppb	470	15	12	1	8	12	19	26	32	39	51	105
Al	%	470	0.009	0.004	0.002	0.006	0.008	0.011	0.013	0.016	0.018	0.019	0.026
As	ppm	470	1.88	4.77	0.02	0.10	0.32	1.7	4.4	6.6	9.5	14	69
B	ppm	470	19	7.7	4.2	14	19	24	28	32	34	38	51
Ba	ppm	470	47	30	8.4	26	39	58	83	97	114	130	240
Be	ppm	470	0.0021	0.0048	0.0002	0.0011	0.0016	0.0023	0.0031	0.0037	0.0042	0.0053	0.0957
Bi	ppb	470	0.79	0.41	0.15	0.56	0.72	0.92	1.1	1.3	1.4	1.6	5.2
Ca	%	470	0.82	0.26	0.33	0.63	0.78	0.95	1.09	1.21	1.35	1.47	2.22
Cd	ppm	470	0.049	0.049	0.005	0.025	0.038	0.057	0.076	0.101	0.121	0.171	0.606
Ce	ppm	470	0.065	0.047	0.013	0.037	0.053	0.082	0.102	0.126	0.142	0.207	0.458
Co	ppm	470	0.099	0.056	0.016	0.058	0.086	0.126	0.159	0.188	0.223	0.265	0.366
Cr	ppm	470	0.079	0.051	0.022	0.050	0.064	0.091	0.117	0.136	0.202	0.247	0.426
Cs	ppm	470	0.007	0.006	0.002	0.004	0.006	0.008	0.010	0.013	0.015	0.018	0.088
Cu	ppm	470	1.63	0.36	0.86	1.4	1.6	1.8	2.0	2.1	2.2	2.5	3.8
Fe	ppm	470	49	19	23	38	45	57	66	77	84	94	244
Ga	ppm	470	0.0095	0.0044	0.0029	0.0066	0.0085	0.011	0.014	0.016	0.018	0.020	0.047
Hf	ppm	470	0.0008	0.0003	0.0002	0.0006	0.0007	0.0010	0.0012	0.0013	0.0015	0.0017	0.0027
La	ppm	470	0.063	0.058	0.007	0.029	0.048	0.080	0.110	0.138	0.178	0.208	0.723
Li	ppm	470	0.054	0.063	0.006	0.024	0.036	0.063	0.089	0.128	0.161	0.223	0.898
Mg	%	470	0.101	0.028	0.048	0.082	0.097	0.118	0.132	0.139	0.156	0.177	0.237
Mn	ppm	470	485	275	14	307	446	604	762	861	1052	1217	2361
Mo	ppm	470	0.029	0.024	0.006	0.016	0.023	0.034	0.046	0.061	0.076	0.113	0.236
Na	%	470	0.0007	0.0006	0.0000	0.0005	0.0006	0.0008	0.0011	0.0013	0.0017	0.0021	0.0076
Nb	ppm	470	0.0017	0.0009	0.0005	0.0011	0.0015	0.0021	0.0027	0.0034	0.0038	0.0041	0.0075
Ni	ppm	470	0.251	0.157	0.035	0.135	0.217	0.318	0.430	0.495	0.590	0.704	0.982
P	%	470	0.130	0.030	0.074	0.109	0.126	0.145	0.161	0.172	0.189	0.217	0.293
Pb	ppm	470	0.075	0.043	0.021	0.052	0.064	0.087	0.107	0.133	0.158	0.173	0.391
Rb	ppm	470	0.98	0.57	0.16	0.62	0.83	1.2	1.6	1.9	2.1	2.4	4.6
Re	ppb	470	0.131	0.202	0.013	0.045	0.087	0.15	0.22	0.32	0.41	0.52	3.2
S	%	470	0.041	0.013	0.019	0.032	0.039	0.047	0.053	0.060	0.062	0.071	0.134
Sb	ppb	470	5.3	2.4	1.8	4.0	4.8	5.9	6.9	8.1	9.1	11	30
Sc	ppm	470	0.072	0.023	0.017	0.057	0.069	0.083	0.095	0.107	0.116	0.133	0.167
Se	ppm	470	0.011	0.007	0.002	0.006	0.009	0.013	0.017	0.021	0.024	0.027	0.075
Sn	ppm	470	0.006	0.002	0.002	0.004	0.005	0.006	0.008	0.009	0.011	0.013	0.019
Sr	ppm	470	45	22	9	30	41	58	69	79	86	108	172
Th	ppm	470	0.005	0.004	0.001	0.003	0.004	0.006	0.007	0.010	0.011	0.012	0.079
Ti	ppm	470	1.6	0.8	0.3	1.0	1.4	1.9	2.3	2.7	3.2	3.5	7.7
Tl	ppb	470	1.80	1.94	0.05	0.62	1.2	2.4	3.2	4.5	5.9	7.5	15.3
U	ppb	470	1.91	1.65	0.41	1.0	1.5	2.2	2.9	3.9	5.4	6.8	14.3
V	ppm	470	0.07	0.03	0.02	0.05	0.07	0.09	0.11	0.12	0.14	0.16	0.27
W	ppb	470	6.6	4.5	1.6	4.1	5.5	7.4	10	13	16	19	49
Y	ppm	470	0.06	0.06	0.01	0.02	0.04	0.07	0.10	0.15	0.18	0.28	0.69
Zn	ppm	470	29	10	5	22	27	34	40	45	49	57	69
Zr	ppm	470	0.032	0.013	0.010	0.022	0.028	0.037	0.046	0.054	0.061	0.069	0.115

Rotated Component Matrix

Extraction Method: Principal component analysis. Rotation Method: Varimax with Kaiser normalization.

	1	2	3	4	5	6	7	8	9	10
V	0.94									
Ti	0.91									
Ga	0.89									
Fe	0.89									
Zr	0.81									
Nb	0.79									
Hf	0.77									
Sn	0.74									
Th	0.73									
Cr	0.70									
W	0.67									
Sb	0.66									
Bi	0.60									
Na	0.55									
Y		0.87								
La		0.84								
Ce	0.43	0.79								
Co		0.64								
Ca			0.75							
Sr			0.71							
Sc			0.70							
Ba			0.65							
B			0.48							
Cd				0.83						
As				0.70						
Pb	0.58			0.66						
S				0.60	0.45					
Ag				0.50						
P					0.69					
Mo					0.58					
Cu					0.54					
Ni		0.48			0.53					
Re						0.70				
U						0.66				
Li						0.61				
Mg						0.49				
Rb							0.78			
Cs							0.65			
Mn								0.83		
Zn				0.44				0.59		
Tl								0.41		
Se									0.80	
Al							0.41		0.42	
Au										0.67
Be										0.63

Oblimin Component Matrix

Extraction Method: Principal component analysis. Rotation Method: Oblimin with Kaiser normalization.

	1	2	3	4	5	6	7	8	9	10
V	0.95									
Ti	0.94									
Ga	0.91									
Fe	0.91									
Zr	0.84									
Hf	0.81									
Nb	0.80									
Sn	0.76									
Th	0.74									
Cr	0.70									
W	0.68									
Sb	0.67									
Bi	0.63									
Na	0.58									
Ca		0.79							-0.41	
Sc		0.73								
Sr		0.72								
Ba		0.68								
B		0.47								
Cd			0.83							
As			0.71							
Pb	0.62		0.70							
S			0.65			0.50				
Ag			0.52							
Y				0.90						
La				0.88						
Ce	0.51			0.88						
Co				0.68						
U					-0.73					
Re					-0.73					
Li					-0.64					
Mg					-0.49					
P						0.70				
Mo						0.60				
Cu						0.53				
Ni				0.49		0.52				
Rb							0.77			
Cs							0.68			
Al							0.46	0.46		
Se								0.82		
Mn									-0.84	
Zn			0.45						-0.65	
Tl							0.40		-0.47	

Au	0.66
Be	0.63

Oblimin Pattern Matrix

	1	2	3	4	5	6	7	8	9	10
V	0.91									
Ti	0.87									
Ga	0.85									
Fe	0.84									
Nb	0.78									
Zr	0.77									
Sn	0.74									
Cr	0.72									
W	0.71									
Hf	0.71									
Sb	0.69									
Th	0.67									
Bi	0.58									
Na	0.49									
Sr		0.70								
Ca		0.70								
Sc		0.68								
Ba		0.66								
B		0.43								
Cd			0.84							
As			0.70							
Pb	0.53		0.65							
S			0.55							
Ag			0.46							
Y				0.90						
La				0.87						
Ce				0.79						
Co				0.62						
Ni				0.51		0.50				
Re					-0.73					
U					-0.67					
Li					-0.61					
Mg					-0.46					
P						0.69				
Mo						0.56				
Cu						0.53				
Rb							0.78			
Cs							0.66			
Tl										
Se								0.80		
Al							0.40	0.42		
Mn									-0.84	

Zn	0.45	-0.59	
Au			0.68
Be			.63

Ratio analysis

a. ash yield (g) ***b***. Ba/Zn ***c***. Ba/Sr ***d***. Bi/Au ***e***. Cu/(Zn + Pb) ***f.*** (Fe/Zn)*1000
g. Pb/(Pb + Zn) * 100 ***h.*** Pb/(Ag * 1000) ***i.*** Tl + Sb ***j.*** Zn/Pb ***k.*** Zn/(Zn + Pb)

sample	*a.*	*b.*	*c.*	*d.*	*e.*	*f.*	*g.*	*h.*	*i.*	*j.*	*k.*
VINE19-DFN 1	4.38	0.45	0.11	26	0.069	1873	0.54	4.9	9.2	183	0.9946
VINE19-DFN 2	4.58	0.49	0.44	23	0.033	1127	0.37	7.8	9.2	266	0.9963
VINE19-DFN 3	3.03	1.16	0.79	230	0.088	2885	0.60	6.7	5.1	166	0.9940
VINE19-DFN 4	2.97	0.83	0.64	63	0.066	1549	0.41	9.5	4.1	245	0.9959
VINE19-DFN 5	3.69	0.69	0.47	40	0.065	1419	0.41	18.5	5.3	241	0.9959
VINE19-DFN 6	4.07	1.51	0.98	80	0.042	1114	0.18	4.0	7.8	550	0.9982
VINE19-DFN 7	4.82	0.55	0.58	100	0.042	1143	0.24	2.9	5.4	413	0.9976
VINE19-DFN 8	2.62	4.80	2.65	240	0.072	3114	0.50	4.4	7.8	201	0.9950
VINE19-DFN 9	4.13	0.78	0.41	120	0.061	1845	0.32	3.7	3.6	315	0.9968
VINE19-DFN 10	2.86	1.57	1.14	150	0.071	1421	0.24	4.4	4.5	418	0.9976
VINE19-DFN 11	3.16	2.38	1.60	90	0.054	1321	0.14	3.2	3.1	696	0.9986
VINE19-DFN 12	3.47	1.08	0.51	48	0.041	1502	0.57	12.0	6.4	174	0.9943
VINE19-DFN 13	3.48	0.20	0.54	63	0.023	557	0.50	14.1	7.8	198	0.9950
VINE19-DFN 14	3.53	0.28	1.11	110	0.031	472	0.59	6.5	8.3	170	0.9941
VINE19-DFN 15	4.37	1.38	1.12	100	0.046	1291	0.24	5.9	4.1	419	0.9976
VINE19-DFN 16	3.38	1.04	0.81	400	0.077	2135	0.71	18.1	7.5	140	0.9929
VINE19-DFN 17	4.24	1.46	0.32	130	0.095	2402	0.59	9.5	4.9	170	0.9941
VINE19-DFN 18	3.39	1.29	1.10	150	0.051	1148	0.24	7.3	3.7	424	0.9976
VINE19-DFN 19	4.68	6.50	2.65	150	0.049	2056	0.52	14.8	8.1	190	0.9948
VINE19-DFN 20	4.56	0.36	0.31	19	0.032	780	0.42	6.7	6.9	239	0.9958
VINE19-DFN 21	4.37	0.45	0.56	90	0.032	1023	0.71	3.2	5.6	139	0.9929
VINE19-DFN 22	4.17	0.56	0.39	130	0.048	1101	0.20	6.7	3.6	506	0.9980
VINE19-DFN 23	5.68	2.82	1.17	140	0.048	1597	0.28	4.2	10.9	354	0.9972
VINE19-DFN 24	4.64	2.59	1.00	180	0.055	2047	0.28	7.7	7.7	357	0.9972
VINE19-DFN 25	4.38	2.31	0.75	160	0.059	2056	0.35	43.4	6.1	284	0.9965
VINE19-DFN 26	3.83	0.52	0.57	220	0.041	932	0.17	3.9	5.4	585	0.9983
VINE19-DFN 27	4.06	0.59	0.47	140	0.043	1073	0.28	5.7	5.6	357	0.9972
VINE19-DFN 28	3.79	5.23	1.29	170	0.085	3563	0.69	8.5	6.1	144	0.9931
VINE19-DFN 29	6.12	2.72	1.51	110	0.031	1157	0.20	2.9	7.6	504	0.9980
VINE19-DFN 30	3.74	0.98	0.32	150	0.100	2733	0.32	6.4	5.8	309	0.9968
VINE19-DFN 31	4.60	1.10	0.36	75	0.052	2213	0.40	4.8	8.0	249	0.9960
VINE19-DFN 32	4.30	0.60	0.43	160	0.054	843	0.14	1.6	5.0	726	0.9986
VINE19-DFN 33	4.57	1.00	0.36	9	0.055	1504	0.25	3.8	5.5	391	0.9975
VINE19-DFN 34	3.95	0.80	0.51	21	0.047	1463	0.18	6.4	6.1	554	0.9982
VINE19-DFN 35	4.39	1.78	1.14	19	0.063	1890	0.27	7.6	7.6	364	0.9973
VINE19-DFN 36	4.76	3.04	0.78	47	0.083	2524	0.46	2.5	16.8	218	0.9954
VINE19-DFN 37	3.41	1.16	0.61	18	0.064	2231	0.42	4.4	12.9	235	0.9958
VINE19-DFN 38	4.38	0.85	0.52	30	0.057	1985	0.23	13.5	4.3	443	0.9977

VINE19-DFN 39	4.55	0.96	0.43	24	0.057	1795	0.23	6.5	3.9	431	0.9977
VINE19-DFN 40	4.52	1.15	0.57	26	0.070	1381	0.25	6.5	28.0	400	0.9975
VINE19-DFN 41	5.59	4.00	1.18	70	0.053	1728	0.25	5.0	6.5	397	0.9975
VINE19-DFN 42	4.07	3.41	2.48	34	0.049	1484	0.20	4.1	6.5	508	0.9980
VINE19-DFN 43	3.53	1.93	1.32	11	0.070	2332	0.42	5.7	9.6	237	0.9958
VINE19-DFN 44	4.88	2.58	0.86	250	0.093	3147	0.65	8.3	7.4	153	0.9935
VINE19-DFN 45	3.93	0.56	0.31	200	0.049	1009	0.14	3.1	4.4	696	0.9986
VINE19-DFN 46	3.82	0.79	0.30	220	0.066	1424	0.15	2.2	4.5	688	0.9985
VINE19-DFN 47	2.94	0.64	0.50	143	0.096	1266	0.24	5.1	6.1	420	0.9976
VINE19-DFN 48	4.34	1.00	0.85	100	0.057	1075	0.18	12.2	5.0	550	0.9982
VINE19-DFN 49	5.01	5.99	2.28	100	0.054	1837	0.18	4.1	9.6	570	0.9982
VINE19-DFN 50	7.75	5.50	1.56	150	0.027	1408	0.21	3.3	12.5	482	0.9979
VINE19-DFN 51	3.51	0.99	0.37	230	0.112	1984	0.27	2.3	4.2	365	0.9973
VINE19-DFN 52	4.30	1.99	1.28	53	0.055	1361	0.32	3.3	5.8	309	0.9968
VINE19-DFN 53	8.55	2.56	0.67	28	0.028	1104	0.19	3.2	9.3	530	0.9981
VINE19-DFN 54	4.26	2.03	2.26	52	0.074	2458	0.28	12.4	7.3	356	0.9972
VINE19-DFN 55	4.88	0.79	0.34	105	0.052	1493	0.18	5.2	10.3	558	0.9982
VINE19-DFN 56	3.52	0.62	0.74	67	0.050	961	0.10	10.0	4.9	970	0.9990
VINE19-DFN 57	3.79	0.95	0.49	330	0.059	1478	0.24	4.2	19.2	423	0.9976
VINE19-DFN 58	5.21	5.44	1.38	10	0.070	2535	0.54	6.5	16.9	185	0.9946
VINE19-DFN 59	4.75	1.90	0.90	90	0.090	1384	0.25	4.4	4.2	406	0.9975
VINE19-DFN 60	4.51	0.92	0.26	130	0.067	1158	0.18	3.0	5.4	554	0.9982
VINE19-DFN 61	3.93	1.98	1.09	95	0.100	1497	0.29	2.6	5.1	339	0.9971
VINE19-DFN 62	3.51	0.99	0.76	170	0.063	1330	0.23	15.1	3.6	426	0.9977
VINE19-DFN 63	3.64	0.71	0.48	250	0.056	2254	0.34	6.8	7.1	295	0.9966
VINE19-DFN 64	3.69	1.32	1.19	280	0.041	1196	0.25	5.1	4.9	392	0.9975
VINE19-DFN 65	3.56	1.85	1.16	280	0.040	1754	0.27	3.8	7.9	376	0.9973
VINE19-DFN 66	3.82	0.92	0.28	27	0.047	1399	0.22	6.3	2.7	464	0.9978
VINE19-DFN 67	5.85	1.15	0.41	30	0.048	1821	0.33	4.7	6.4	305	0.9967
VINE19-DFN 68	3.56	2.09	1.73	33	0.062	1469	0.30	5.5	5.4	332	0.9970
VINE19-DFN 69	3.85	0.70	0.51	15	0.055	1066	0.21	5.0	3.3	472	0.9979
VINE19-DFN 70	5.80	2.75	1.56	24	0.046	1980	0.25	3.9	6.8	399	0.9975
VINE19-DFN 71	5.52	3.84	1.84	56	0.029	2602	0.42	4.2	17.0	236	0.9958
VINE19-DFN 72	4.10	0.52	0.26	30	0.059	1275	0.23	10.8	3.0	431	0.9977
VINE19-DFN 73	4.61	1.79	0.91	40	0.048	1827	0.37	6.1	6.1	272	0.9963
VINE19-DFN 74	5.06	2.87	1.64	53	0.066	1434	0.27	3.5	5.5	367	0.9973
VINE19-DFN 75	4.66	1.88	0.99	24	0.043	1073	0.20	2.5	4.7	491	0.9980
VINE19-DFN 76	3.63	1.26	1.13	30	0.055	1618	0.28	8.2	5.4	362	0.9972
VINE19-DFN 77	5.02	0.93	0.57	55	0.040	982	0.17	4.7	6.2	571	0.9983
VINE19-DFN 78	4.29	1.05	0.46	28	0.048	2115	0.39	14.1	7.5	257	0.9961
VINE19-DFN 79	4.23	0.90	0.92	24	0.045	1218	0.26	14.4	4.2	384	0.9974
VINE19-DFN 80	3.65	1.08	1.67	44	0.082	1441	0.21	3.9	3.8	469	0.9979
VINE19-DFN 81	3.35	2.29	1.65	23	0.102	2191	0.44	6.8	4.4	226	0.9956
VINE19-DFN 82	4.48	1.33	0.37	15	0.066	1893	0.37	3.1	5.4	269	0.9963
VINE19-DFN 83	3.89	0.59	0.50	12	0.077	1140	0.24	21.8	4.9	420	0.9976
VINE19-DFN 84	4.70	0.97	0.48	32	0.041	2006	0.30	8.2	6.4	329	0.9970
VINE19-DFN 85	4.69	1.31	0.86	23	0.062	2110	0.40	12.0	9.0	247	0.9960
VINE19-DFN 86	4.17	0.70	0.46	28	0.054	1786	0.24	5.2	6.6	418	0.9976
VINE19-DFN 87	4.19	1.39	0.61	73	0.104	2863	0.55	10.1	7.5	182	0.9945
VINE19-DFN 88	4.17	0.75	0.55	39	0.073	2463	0.40	9.8	7.2	249	0.9960

VINE19-DFN 89	3.17	0.55	0.39	58	0.059	1985	0.30	5.8	5.4	330	0.9970
VINE19-DFN 90	5.06	1.45	0.77	42	0.084	2830	0.42	14.0	8.5	240	0.9958
VINE20W_DFN-001	3.44	0.78	0.53	68	0.073	1212	0.34	16.7	5.9	294	0.9966
VINE20W_DFN-002	4.94	1.91	1.22	21	0.027	995	0.12	4.7	7.6	804	0.9988
VINE20W_DFN-003	3.83	1.89	1.28	11	0.086	2196	0.70	17.7	5.0	143	0.9930
VINE20W_DFN-004	3.92	1.07	1.13	55	0.057	1351	0.23	17.9	5.1	431	0.9977
VINE20W_DFN-005	3.41	1.99	0.43	88	0.076	2222	0.61	6.4	5.9	164	0.9939
VINE20W_DFN-006	3.36	1.59	0.73	250	0.042	1221	0.15	3.6	4.5	687	0.9985
VINE20W_DFN-007	3.75	1.74	1.08	45	0.055	1153	0.15	6.3	3.8	658	0.9985
VINE20W_DFN-008	3.31	1.03	0.75	87	0.066	1782	0.20	8.2	6.2	499	0.9980
VINE20W_DFN-009	3.42	3.39	0.97	23	0.132	5574	0.75	2.1	7.0	133	0.9925
VINE20W_DFN-010	4.73	4.05	1.92	43	0.060	2249	0.38	8.0	6.8	264	0.9962
VINE20W_DFN-011	3.81	0.99	0.64	150	0.086	1880	0.24	23.0	4.9	424	0.9976
VINE20W_DFN-012	4.04	1.23	0.67	34	0.031	1129	0.15	9.6	6.0	666	0.9985
VINE20W_DFN-013	3.70	0.82	0.50	31	0.049	1389	0.21	5.6	5.8	467	0.9979
VINE20W_DFN-014	4.06	1.59	1.19	250	0.050	2212	0.24	23.7	8.1	419	0.9976
VINE20W_DFN-015	3.25	0.87	0.43	63	0.063	1429	0.20	2.8	3.8	494	0.9980
VINE20W_DFN-016	3.44	3.19	0.80	90	0.115	3212	0.42	4.3	5.7	238	0.9958
VINE20W_DFN-017	3.65	2.29	1.10	75	0.118	2010	0.36	2.3	3.6	276	0.9964
VINE20W_DFN-018	4.61	2.80	1.31	300	0.040	2080	0.29	3.3	11.9	338	0.9971
VINE20W_DFN-019	3.32	1.27	0.87	34	0.098	2524	0.37	8.2	4.9	271	0.9963
VINE20W_DFN-020A	3.71	3.14	1.95	63	0.068	3341	0.40	7.6	6.6	249	0.9960
VINE20W_DFN-021	4.18	1.06	0.73	290	0.038	1693	0.22	8.9	8.5	462	0.9978
VINE20W_DFN-022	3.04	2.80	1.72	38	0.070	1439	0.22	11.1	4.6	451	0.9978
VINE20W_DFN-023	3.32	0.56	0.59	120	0.047	1247	0.17	7.1	5.1	583	0.9983
VINE20W_DFN-024	4.72	0.94	0.61	1	0.035	1323	0.19	1.9	8.6	530	0.9981
VINE20W_DFN-025	3.93	1.58	0.54	38	0.099	2526	0.30	7.0	5.9	332	0.9970
VINE20W_DFN-026	3.90	1.90	0.56	300	0.085	3077	0.46	31.8	6.2	215	0.9954
VINE20W_DFN-027	3.71	1.51	1.55	115	0.040	1379	0.19	11.2	6.2	526	0.9981
VINE20W_DFN-028	4.19	0.51	0.57	41	0.033	1126	0.18	15.4	6.5	542	0.9982
VINE20W_DFN-029	3.96	1.96	0.84	170	0.058	1599	0.21	2.1	5.1	478	0.9979
VINE20W_DFN-030	5.05	0.88	0.34	190	0.029	1794	0.32	2.8	10.5	314	0.9968
VINE20W_DFN-031	3.33	3.09	2.48	100	0.051	1483	0.23	4.0	9.1	437	0.9977
VINE20W_DFN-032	6.37	2.44	0.75	43	0.031	993	0.15	2.5	5.6	657	0.9985
VINE20W_DFN-033	5.45	4.08	1.25	160	0.060	2696	0.36	3.8	7.1	274	0.9964
VINE20W_DFN-034	3.09	1.24	1.05	60	0.053	1795	0.22	15.1	6.7	462	0.9978
VINE20W_DFN-035	2.64	1.08	0.98	24	0.050	1190	0.14	3.8	5.2	724	0.9986
VINE20W_DFN-036	2.95	1.55	0.78	53	0.113	2087	0.29	11.8	5.8	342	0.9971
VINE20W_DFN-037	4.52	0.62	0.47	95	0.042	1551	0.17	33.3	9.2	599	0.9983
VINE20W_DFN-038	4.57	0.96	0.52	43	0.077	3785	0.50	5.0	11.6	198	0.9950
VINE20W_DFN-039	4.03	1.01	0.57	60	0.052	2164	0.24	5.9	8.4	420	0.9976
VINE20W_DFN-040A	3.26	0.99	0.68	53	0.067	1863	0.22	4.4	6.0	450	0.9978
VINE20W_DFN-041	4.16	1.04	1.28	30	0.041	1333	0.17	10.6	7.8	585	0.9983
VINE20W_DFN-042	5.39	1.26	0.49	60	0.039	1783	0.23	1.7	8.7	443	0.9977
VINE20W_DFN-043	4.23	3.19	0.84	45	0.050	2215	0.30	3.5	14.0	334	0.9970
VINE20W_DFN-044	3.66	1.97	0.66	28	0.090	1618	0.19	2.0	4.6	515	0.9981
VINE20W_DFN-045	3.14	0.55	0.41	33	0.066	1520	0.24	12.4	5.9	409	0.9976
VINE20W_DFN-046	4.16	2.29	1.13	50	0.058	2799	0.35	8.9	9.9	287	0.9965
VINE20W_DFN-047	4.81	3.10	0.99	53	0.077	2096	0.29	4.4	8.2	339	0.9971
VINE20W_DFN-048	3.71	2.22	1.41	60	0.068	2110	0.28	9.1	9.4	362	0.9972

VINE20W_DFN-049	3.73	0.75	0.49	28	0.078	1441	0.21	5.2	6.1	469	0.9979
VINE20W_DFN-050	4.26	1.75	0.55	170	0.100	3325	0.42	2.8	8.3	235	0.9958
VINE20W_DFN-051	3.63	0.58	0.36	46	0.067	2151	0.26	6.8	7.6	382	0.9974
VINE20W_DFN-052	3.68	1.25	1.02	11	0.063	1506	0.19	4.6	7.2	520	0.9981
VINE20W_DFN-053	3.28	0.72	1.05	63	0.053	2333	0.41	42.8	12.8	244	0.9959
VINE20W_DFN-054	5.47	3.55	0.73	85	0.075	4377	0.50	13.2	7.1	198	0.9950
VINE20W_DFN-055	4.14	3.28	1.31	4	0.090	2722	0.26	2.6	9.3	388	0.9974
VINE20W_DFN-056	5.16	0.37	0.21	160	0.032	1059	0.12	4.4	9.1	821	0.9988
VINE20W_DFN-057	4.12	0.50	0.31	43	0.046	1370	0.18	3.6	6.1	553	0.9982
VINE20W_DFN-058	5.71	0.97	0.84	150	0.043	2244	0.26	4.8	19.0	381	0.9974
VINE20W_DFN-059	3.79	1.08	0.48	70	0.068	3754	0.54	5.9	10.2	183	0.9946
VINE20W_DFN-060A	5.60	1.54	0.61	90	0.051	3218	0.48	1.2	10.0	209	0.9952
VINE20W_DFN-061	3.81	0.70	0.28	28	0.097	2496	0.49	5.3	5.8	203	0.9951
VINE20W_DFN-062	3.70	0.86	0.56	105	0.073	1642	0.32	6.0	6.2	315	0.9968
VINE20W_DFN-063	4.79	1.58	0.75	156	0.066	2405	0.40	7.2	8.0	249	0.9960
VINE20W_DFN-064	5.25	1.26	0.49	33	0.068	2672	0.44	20.2	8.3	224	0.9956
VINE20W_DFN-065	4.09	0.78	0.21	35	0.095	2602	0.29	5.5	6.4	345	0.9971
VINE20W_DFN-066	3.25	1.25	0.98	8	0.065	2052	0.34	4.4	6.8	292	0.9966
VINE20W_DFN-067	4.23	3.08	2.04	230	0.070	1860	0.28	5.7	9.7	362	0.9972
VINE20W_DFN-068	6.42	1.27	0.57	210	0.074	2500	0.60	9.7	9.6	167	0.9940
VINE20W_DFN-069	4.60	1.86	0.55	10	0.080	3178	0.44	4.5	8.5	227	0.9956
VINE20W_DFN-070	4.65	1.16	0.99	15	0.054	3167	0.49	13.3	12.4	205	0.9951
VINE20W_DFN-071	3.77	1.00	1.17	400	0.056	2419	0.33	6.2	11.2	305	0.9967
VINE20W_DFN-072	5.69	2.42	1.35	40	0.066	2526	0.42	2.8	8.6	239	0.9958
VINE20W_DFN-073	4.43	0.89	0.51	60	0.047	1887	0.54	11.0	8.2	185	0.9946
VINE20W_DFN-074	6.19	4.58	1.32	160	0.070	2895	0.34	4.0	8.0	290	0.9966
VINE20W_DFN-075	5.77	2.50	1.50	85	0.050	2253	0.29	6.7	8.7	343	0.9971
VINE20W_DFN-076	4.84	3.96	1.31	117	0.064	3373	0.55	25.1	9.0	179	0.9945
VINE20W_DFN-077	3.57	2.21	2.72	62	0.062	1611	0.28	3.7	9.2	354	0.9972
VINE20W_DFN-078	4.49	1.08	0.60	105	0.062	1481	0.29	3.8	5.5	349	0.9971
VINE20W_DFN-079	4.64	2.72	2.00	260	0.050	2417	0.33	1.1	9.3	302	0.9967
VINE20W_DFN-080A	5.88	1.68	0.63	260	0.034	1890	0.28	4.8	12.6	356	0.9972
VINE20W_DFN-081	3.93	1.76	0.81	270	0.043	1807	0.29	2.4	8.6	346	0.9971
VINE20W_DFN-082	4.42	3.65	1.02	190	0.136	2427	0.35	4.8	5.0	284	0.9965
VINE20W_DFN-083	5.72	2.61	1.15	460	0.088	2632	0.41	9.8	8.5	242	0.9959
VINE20W_DFN-084	3.25	0.87	0.62	220	0.063	1466	0.27	3.0	6.9	374	0.9973
VINE20W_DFN-085	2.36	2.93	1.55	58	0.101	3393	0.72	6.7	7.3	138	0.9928
VINE20W_DFN-086	3.70	1.19	0.64	105	0.058	1449	0.25	3.9	6.5	404	0.9975
VINE20W_DFN-087	4.38	0.79	0.46	220	0.055	1365	0.29	7.0	6.1	339	0.9971
VINE20W_DFN-088	3.02	4.25	2.80	35	0.134	2688	0.40	5.4	5.9	250	0.9960
VINE20W_DFN-089	4.86	2.21	1.16	175	0.052	2023	0.94	9.7	32.6	106	0.9906
VINE20W_DFN-090	4.12	2.50	1.26	350	0.095	5263	0.87	5.3	11.0	113	0.9913
VINE20W_DFN-091	4.31	2.43	0.96	180	0.100	3614	0.59	9.6	8.3	168	0.9941
VINE20W_DFN-092	4.74	1.88	1.50	330	0.064	2147	0.53	8.1	9.5	188	0.9947
VINE20W_DFN-093	5.81	4.89	2.30	230	0.054	3304	0.61	6.2	11.5	163	0.9939
VINE20W_DFN-094	4.70	2.31	0.81	330	0.087	3456	0.61	5.7	8.0	163	0.9939
VINE20W_DFN-095	4.41	2.07	1.04	280	0.055	2044	0.35	1.4	9.0	281	0.9965
VINE20W_DFN-096	3.00	5.05	2.58	21	0.182	4361	0.82	8.4	16.5	120	0.9918
VINE20W_DFN-097	4.30	4.94	1.72	30	0.094	2268	0.47	5.9	7.3	212	0.9953
VINE20W_DFN-098	3.45	1.90	0.75	26	0.084	1766	0.33	12.6	7.9	301	0.9967

VINE20W_DFN-099	4.18	2.60	1.38	60	0.089	1656	0.36	4.5	7.1	277	0.9964
VINE20W_DFN-100A	3.43	0.71	0.73	14	0.049	706	0.20	44.8	6.9	508	0.9980
VINE20W_DFN-101	4.30	0.94	1.39	21	0.036	1119	0.20	55.3	12.6	494	0.9980
VINE20W_DFN-102	3.13	2.73	2.10	70	0.102	2504	0.45	9.2	7.4	221	0.9955
VINE20W_DFN-103	3.94	1.64	2.23	37	0.064	1961	0.40	14.6	7.6	247	0.9960
VINE20W_DFN-104	6.28	3.25	1.76	40	0.032	2022	0.36	8.4	17.7	275	0.9964
VINE20W_DFN-105	6.16	3.81	1.73	50	0.053	3704	0.55	4.8	11.1	180	0.9945
VINE20W_DFN-106	5.16	1.21	0.86	30	0.038	1455	0.24	9.8	9.1	413	0.9976
VINE20W_DFN-107	4.37	1.59	0.90	26	0.080	1448	0.22	6.8	5.0	463	0.9978
VINE20W_DFN-108	4.22	0.86	0.67	28	0.059	1117	0.16	4.4	7.5	613	0.9984
VINE20W_DFN-109	5.02	1.30	0.82	12	0.048	1786	0.31	2.4	12.2	318	0.9969
VINE20W_DFN-110	3.95	1.58	0.44	33	0.094	2004	0.27	5.9	7.1	367	0.9973
VINE20W_DFN-111	4.38	0.94	1.09	73	0.055	1953	0.24	4.8	7.6	424	0.9976
VINE20W_DFN-112	3.79	1.90	1.33	27	0.111	2830	0.48	6.2	7.0	209	0.9952
VINE20W_DFN-113	4.88	1.65	0.91	13	0.067	1443	0.17	4.4	6.1	599	0.9983
VINE20W_DFN-114	3.87	2.09	1.87	18	0.071	3358	0.41	3.1	11.2	243	0.9959
VINE20W_DFN-115	4.37	1.04	0.85	57	0.056	1517	0.25	4.4	7.5	392	0.9975
VINE20W_DFN-116	4.93	1.61	0.81	23	0.056	2692	0.40	6.9	8.9	246	0.9960
VINE20W_DFN-117	3.82	1.35	1.19	19	0.093	1636	0.19	2.7	3.7	514	0.9981
VINE20W_DFN-118	3.72	0.70	0.50	280	0.075	2165	0.36	3.5	4.6	278	0.9964
VINE20W_DFN-119	4.59	0.26	0.33	16	0.036	1143	0.14	3.3	8.1	729	0.9986
VINE20W_DFN-120A	2.77	0.78	1.00	100	0.044	892	0.16	17.4	5.3	629	0.9984
VINE20W_DFN-121	3.38	0.81	0.93	190	0.093	1975	0.23	5.9	7.3	440	0.9977
VINE20W_DFN-122	3.87	0.69	0.70	90	0.049	1316	0.22	3.9	6.2	464	0.9978
VINE20W_DFN-123	3.45	1.01	1.30	190	0.057	1615	0.23	1.3	7.8	434	0.9977
VINE20W_DFN-124	4.97	4.26	2.44	17	0.094	3021	0.39	7.1	8.4	255	0.9961
VINE20W_DFN-125	4.86	1.99	2.36	110	0.074	1669	0.28	5.3	3.8	363	0.9972
VINE20W_DFN-126	4.79	2.18	0.97	50	0.079	3340	0.42	6.4	10.2	238	0.9958
VINE20W_DFN-127	3.27	0.92	0.71	150	0.102	1898	0.35	10.6	4.7	288	0.9965
VINE20W_DFN-128	4.67	1.08	1.11	100	0.053	1622	0.18	8.2	6.2	565	0.9982
VINE20W_DFN-129	3.30	1.39	1.03	27	0.068	1900	0.28	7.3	4.8	358	0.9972
VINE20W_DFN-130	5.05	1.75	2.67	130	0.048	1410	0.22	3.1	6.5	453	0.9978
VINE20W_DFN-131	4.73	2.24	1.27	180	0.057	2358	0.37	2.7	7.0	266	0.9963
VINE20W_DFN-132	4.84	2.14	0.95	40	0.064	2020	0.26	6.4	5.2	391	0.9974
VINE20W_DFN-133	3.33	1.63	4.43	45	0.080	2853	0.55	40.9	8.3	181	0.9945
VINE20W_DFN-134	4.27	1.81	1.32	200	0.084	2232	0.30	3.9	5.8	332	0.9970
VINE20W_DFN-135	3.48	1.02	2.74	135	0.067	2103	0.33	40.3	7.1	299	0.9967
VINE20W_DFN-136	3.61	1.19	1.58	110	0.103	1623	0.21	3.7	6.4	485	0.9979
VINE20W_DFN-137	2.98	0.73	0.72	68	0.054	1456	0.19	5.4	7.8	520	0.9981
VINE20W_DFN-138	4.70	13.19	0.74	43	0.421	7961	0.77	7.3	7.1	129	0.9923
VINE20W_DFN-139	3.90	2.45	1.54	290	0.060	3455	0.51	4.0	12.7	196	0.9949
VINE20W_DFN-140A	3.28	0.54	0.56	75	0.105	1703	0.23	6.1	3.8	428	0.9977
VINE20W_DFN-141	4.61	1.26	0.82	130	0.091	1976	0.19	5.0	5.4	538	0.9981
VINE20W_DFN-142	3.63	0.74	0.32	160	0.090	2030	0.30	7.9	4.9	332	0.9970
VINE20W_DFN-143	4.83	1.02	0.60	160	0.042	1615	0.39	4.0	10.8	255	0.9961
VINE20W_DFN-144	4.17	1.67	1.16	230	0.047	1792	0.23	6.1	13.0	429	0.9977
VINE20W_DFN-145	4.45	0.86	0.95	160	0.049	1662	0.16	3.5	9.3	612	0.9984
VINE20W_DFN-146	3.21	0.90	1.74	35	0.099	1228	0.16	5.7	4.2	607	0.9984
VINE20W_DFN-147	4.06	1.38	2.07	30	0.035	1077	0.18	67.4	6.9	568	0.9982
VINE20W_DFN-148	4.90	1.60	0.82	170	0.071	1859	0.40	5.4	6.4	250	0.9960

VINE20W_DFN-149	4.49	1.50	0.83	2	0.058	2778	0.41	6.8	9.5	242	0.9959
VINE20W_DFN-150	3.04	1.16	0.94	180	0.078	1565	0.24	2.9	6.1	408	0.9976
VINE20W_DFN-151	4.11	1.67	0.88	210	0.103	2790	0.50	6.1	10.6	199	0.9950
VINE20W_DFN-152	6.41	0.88	0.68	73	0.031	1887	0.39	3.3	15.7	257	0.9961
VINE20W_DFN-153	3.63	2.27	2.39	160	0.080	3560	0.55	25.8	11.9	180	0.9945
VINE20W_DFN-154	3.51	1.84	1.76	70	0.071	2062	0.31	13.6	6.8	319	0.9969
VINE20W_DFN-155	3.39	0.82	0.87	230	0.066	1659	0.27	4.7	8.0	372	0.9973
VINE20W_DFN-156	7.19	0.76	0.59	100	0.020	1253	0.19	2.2	20.4	535	0.9981
VINE20W_DFN-157	6.08	0.70	0.53	160	0.018	901	0.11	1.1	10.5	940	0.9989
VINE20W_DFN-158	3.93	1.92	5.98	27	0.044	835	0.14	21.9	8.2	698	0.9986
VINE20W_DFN-159	3.31	0.69	0.72	53	0.118	2524	0.29	7.6	6.0	348	0.9971
VINE20W_DFN-160A	4.09	2.26	4.90	42	0.041	1676	0.27	34.4	8.5	367	0.9973
VINE20W_DFN-161	3.72	0.53	0.57	125	0.084	1985	0.31	4.3	9.5	321	0.9969
VINE20W_DFN-162	2.95	1.34	1.12	68	0.073	2000	0.28	4.6	7.9	360	0.9972
VINE20W_DFN-163	4.93	0.53	0.43	95	0.045	1979	0.34	3.5	10.8	297	0.9966
VINE20W_DFN-164	3.72	1.51	0.76	170	0.076	1989	0.29	3.2	8.1	343	0.9971
VINE20W_DFN-165	5.52	2.17	1.42	200	0.077	3187	0.49	15.5	10.2	202	0.9951
VINE20W_DFN-166	4.83	1.35	1.21	75	0.048	1401	0.20	4.6	8.6	506	0.9980
VINE20W_DFN-167	4.95	1.02	0.42	60	0.077	1905	0.26	2.8	10.9	380	0.9974
VINE20W_DFN-168	5.93	1.58	1.23	150	0.069	2511	0.26	3.2	9.4	388	0.9974
VINE20W_DFN-169	3.75	1.71	2.23	45	0.103	1827	0.23	5.5	7.9	437	0.9977
VINE20W_DFN-170	2.75	1.33	2.92	34	0.069	1223	0.22	42.6	20.3	464	0.9978
VINE20W_DFN-171	3.69	0.64	0.36	65	0.098	1859	0.22	5.1	5.9	464	0.9978
VINE20W_DFN-172	5.97	0.81	0.86	150	0.028	1137	0.12	5.1	8.8	812	0.9988
VINE20W_DFN-173	4.97	0.72	0.69	53	0.054	1690	0.18	3.6	6.0	547	0.9982
VINE20W_DFN-174	3.98	1.65	0.97	230	0.085	3046	0.48	8.8	8.0	205	0.9952
VINE20W_DFN-175	3.44	0.69	0.40	220	0.086	2394	0.29	5.9	4.7	339	0.9971
VINE20W_DFN-176	4.82	1.47	0.68	37	0.087	2066	0.26	3.1	4.4	378	0.9974
VINE20W_DFN-177	4.21	1.07	1.54	67	0.042	996	0.20	55.0	5.5	498	0.9980
VINE20W_DFN-178	2.76	1.67	2.58	75	0.062	1364	0.20	25.2	5.6	507	0.9980
VINE20W_DFN-179	3.30	1.16	0.60	80	0.108	1560	0.20	3.7	4.0	502	0.9980
VINE20W_DFN-180A	3.17	0.63	0.33	15	0.107	1495	0.25	4.7	3.6	396	0.9975
VINE20W_DFN-181	5.35	2.09	1.22	150	0.068	2981	0.33	7.1	5.9	305	0.9967
VINE20W_DFN-182	3.82	2.26	2.47	70	0.049	1149	0.18	31.8	5.2	547	0.9982
VINE20W_DFN-183	3.95	2.02	1.10	70	0.088	4865	0.55	13.0	11.3	182	0.9945
VINE20W_DFN-184	4.88	3.00	1.64	95	0.048	1988	0.26	4.9	7.4	389	0.9974
VINE20W_DFN-185	4.50	3.37	4.38	4	0.058	1399	0.25	38.5	6.9	404	0.9975
VINE20W_DFN-186	5.00	3.48	5.41	6	0.042	921	0.17	59.6	5.6	586	0.9983
VINE20W_DFN-187	6.33	3.38	2.35	90	0.023	914	0.14	2.4	10.8	739	0.9986
VINE20W_DFN-188	3.45	1.36	0.64	150	0.079	2009	0.24	4.5	4.8	412	0.9976
VINE20W_DFN-189	5.06	2.43	1.38	80	0.072	1664	0.17	3.0	6.0	599	0.9983
VINE20W_DFN-190	3.54	1.78	0.66	140	0.120	2242	0.36	4.1	4.3	275	0.9964
VINE20W_DFN-191	5.33	2.75	1.35	170	0.065	4735	0.92	4.3	10.1	108	0.9908
VINE20W_DFN-192	5.05	1.36	2.40	150	0.043	1940	0.28	4.6	6.4	356	0.9972
VINE20W_DFN-193	3.07	1.14	2.74	100	0.051	1667	0.33	95.2	7.9	300	0.9967
VINE20W_DFN-194	5.28	1.16	0.78	47	0.040	1543	0.23	5.1	8.5	441	0.9977
VINE20W_DFN-195	4.30	0.71	0.66	130	0.040	940	0.15	4.4	7.9	656	0.9985
VINE20W_DFN-196	6.79	1.60	1.66	15	0.022	795	0.13	5.3	10.1	779	0.9987
VINE20W_DFN-197	3.00	1.38	3.47	23	0.056	1660	0.30	63.4	9.7	327	0.9970
VINE20W_DFN-198	3.75	0.98	0.34	27	0.088	1670	0.24	3.4	6.7	421	0.9976

VINE20W_DFN-199	3.33	0.84	0.39	39	0.042	1486	0.20	5.0	9.2	500	0.9980
VINE20W_DFN-200A	3.23	1.57	2.31	33	0.108	1283	0.15	3.2	2.7	649	0.9985
VINE20W_DFN-201	3.93	0.70	0.51	170	0.054	1351	0.18	6.3	6.1	545	0.9982
VINE20W_DFN-202	4.41	0.61	0.74	28	0.021	873	0.11	3.1	6.7	906	0.9989
VINE20W_DFN-203	3.46	2.02	2.09	11	0.065	980	0.15	3.2	5.3	685	0.9985
VINE20W_DFN-204	3.56	0.43	0.86	67	0.025	977	0.15	4.8	7.2	672	0.9985
VINE20W_DFN-205	3.72	0.77	1.18	80	0.038	1407	0.19	6.8	6.6	514	0.9981
VINE20W_DFN-206	5.77	0.69	0.51	33	0.032	1103	0.19	8.8	12.7	530	0.9981
VINE20E_DFN-001	4.13	6.12	1.12	51	0.280	23596	2.11	13.9	11.7	46	0.9789
VINE20E_DFN-004	3.42	1.89	0.94	50	0.078	6316	0.36	14.2	7.3	275	0.9964
VINE20E_DFN-005	3.59	1.64	1.36	170	0.074	1703	0.26	9.9	4.9	380	0.9974
VINE20E_DFN-006	4.56	4.21	2.16	130	0.083	4747	0.39	4.1	6.1	257	0.9961
VINE20E_DFN-007	2.86	3.94	2.70	250	0.097	3357	0.38	7.9	5.7	261	0.9962
VINE20E_DFN-008	4.53	1.09	2.47	190	0.023	714	0.08	1.7	6.0	1323	0.9992
VINE20E_DFN-009	3.83	1.05	0.86	160	0.044	881	0.15	8.2	4.0	674	0.9985
VINE20E_DFN-010	3.60	2.47	1.06	5	0.076	3536	0.30	10.0	6.4	333	0.9970
VINE20E_DFN-013	2.77	1.82	2.41	80	0.068	2840	0.27	6.7	4.1	368	0.9973
VINE20E_DFN-014	3.22	1.18	0.77	180	0.077	1773	0.16	5.1	5.0	615	0.9984
VINE20E_DFN-015	4.64	0.51	0.63	32	0.023	1053	0.12	6.8	6.4	813	0.9988
VINE20E_DFN-016	4.21	3.46	1.93	34	0.107	5755	0.47	4.2	6.2	212	0.9953
VINE20E_DFN-017	2.48	2.36	1.95	24	0.083	1391	0.25	21.2	2.8	404	0.9975
VINE20E_DFN-018	3.80	3.86	4.05	37	0.077	1340	0.15	4.8	4.1	686	0.9985
VINE20E_DFN-019A	3.58	1.00	1.17	120	0.041	724	0.09	8.5	4.2	1145	0.9991
VINE20E_DFN-020	4.38	1.44	0.88	160	0.048	1531	0.18	19.4	6.6	568	0.9982
VINE20E_DFN-021	4.44	2.02	2.71	140	0.074	2305	0.18	10.1	6.6	546	0.9982
VINE20E_DFN-022	4.80	8.06	1.91	300	0.120	9061	0.98	19.6	12.1	101	0.9902
VINE20E_DFN-023	4.60	2.87	2.23	100	0.056	1724	0.16	13.9	4.8	638	0.9984
VINE20E_DFN-024	2.90	1.64	0.59	80	0.120	2985	0.33	3.9	4.2	301	0.9967
VINE20E_DFN-025	3.42	0.52	0.41	5	0.031	930	0.11	7.7	5.4	921	0.9989
VINE20E_DFN-026	3.23	1.45	1.39	170	0.063	2229	0.22	8.6	6.2	455	0.9978
VINE20E_DFN-027	3.57	2.45	2.80	170	0.067	2211	0.14	4.2	5.0	725	0.9986
VINE20E_DFN-028	3.91	0.49	0.86	120	0.060	1009	0.11	3.2	3.8	949	0.9989
VINE20E_DFN-029	2.88	1.64	3.62	190	0.062	1211	0.15	6.6	3.3	673	0.9985
VINE20E_DFN-030	5.11	3.81	2.43	70	0.041	1102	0.12	6.6	6.0	801	0.9988
VINE20E_DFN-031	3.09	3.74	1.43	72	0.122	10059	0.94	24.2	10.0	106	0.9906
VINE20E_DFN-032	2.84	2.34	1.17	220	0.117	3745	0.45	2.9	6.7	223	0.9955
VINE20E_DFN-033	2.95	4.51	2.23	3	0.073	2196	0.30	5.5	4.3	334	0.9970
VINE20E_DFN-034	2.84	1.36	0.78	95	0.089	1901	0.23	3.9	5.0	436	0.9977
VINE20E_DFN-035	3.71	5.45	2.17	25	0.084	2784	0.22	8.0	4.5	459	0.9978
VINE20E_DFN-036	4.01	1.81	1.11	47	0.060	1221	0.14	3.8	4.3	738	0.9986
VINE20E_DFN-037	4.56	3.86	1.68	40	0.049	1386	0.13	4.2	4.5	744	0.9987
VINE20E_DFN-038	4.62	1.70	1.10	25	0.046	1777	0.16	2.2	6.3	625	0.9984
VINE20E_DFN-039	3.52	3.27	3.48	10	0.065	1243	0.14	9.7	3.9	690	0.9986
VINE20E_DFN-040A	4.70	3.15	2.74	15	0.037	1167	0.14	6.8	8.0	727	0.9986
VINE20E_DFN-041	3.50	2.06	1.65	21	0.055	1715	0.21	4.9	7.2	474	0.9979
VINE20E_DFN-042	3.87	3.96	1.50	20	0.060	1799	0.19	3.2	5.7	527	0.9981
VINE20E_DFN-043	3.22	3.73	1.26	21	0.110	3067	0.31	11.2	5.6	318	0.9969
VINE20E_DFN-044	2.65	1.65	0.81	31	0.126	2841	0.35	3.6	5.4	282	0.9965
VINE20E_DFN-045	3.83	3.60	1.35	34	0.081	2191	0.29	1.7	8.4	349	0.9971
VINE20E_DFN-046	2.68	0.88	0.78	27	0.108	1940	0.17	2.4	4.6	573	0.9983

VINE20E_DFN-047	4.29	3.31	1.98	24	0.037	2276	0.20	4.3	6.9	494	0.9980
VINE20E_DFN-048	3.92	2.28	2.03	33	0.036	1818	0.19	9.3	6.6	522	0.9981
VINE20E_DFN-049	4.90	2.69	1.47	22	0.044	1342	0.15	7.5	6.1	686	0.9985
VINE20E_DFN-050	5.54	2.79	1.67	20	0.029	1066	0.13	6.0	8.0	791	0.9987
VINE20E_DFN-051	3.41	1.64	1.52	16	0.040	815	0.11	5.9	4.1	918	0.9989
VINE20E_DFN-052	2.85	1.68	0.83	13	0.102	2311	0.26	5.9	6.5	387	0.9974
VINE20E_DFN-053	4.39	5.24	3.48	29	0.094	3727	0.40	20.0	8.8	249	0.9960
VINE20E_DFN-054	2.94	2.01	2.54	80	0.039	1953	0.17	11.7	7.8	572	0.9983
VINE20E_DFN-055	3.41	2.43	1.53	22	0.066	1916	0.22	3.1	7.7	447	0.9978
VINE20E_DFN-056	3.06	1.59	1.31	21	0.074	1704	0.17	3.6	4.9	591	0.9983
VINE20E_DFN-057	4.61	3.08	1.64	27	0.043	1118	0.12	4.8	5.7	804	0.9988
VINE20E_DFN-058	4.44	5.38	1.04	23	0.093	2321	0.22	3.3	7.7	450	0.9978
VINE20E_DFN-059	2.80	0.70	0.71	21	0.058	1192	0.13	7.5	3.4	796	0.9987
VINE20E_DFN-060A	4.85	4.37	1.46	13	0.045	1321	0.15	3.2	5.0	671	0.9985
VINE20E_DFN-061	3.66	1.66	1.31	18	0.058	1059	0.10	8.0	4.6	979	0.9990
VINE20E_DFN-062	3.60	0.95	0.89	40	0.063	1328	0.20	20.3	6.8	509	0.9980
VINE20E_DFN-063	3.80	1.58	1.81	28	0.044	1685	0.26	5.9	7.2	387	0.9974
VINE20E_DFN-064	3.52	0.75	1.59	58	0.031	1308	0.18	12.5	6.4	558	0.9982
VINE20E_DFN-065	3.58	1.16	0.41	32	0.075	2050	0.28	2.7	8.2	356	0.9972
VINE20E_DFN-066	3.16	2.40	1.26	16	0.085	2198	0.37	4.1	3.8	268	0.9963
VINE20E_DFN-067	3.55	1.80	1.51	38	0.104	2227	0.27	2.6	5.8	368	0.9973
VINE20E_DFN-068	3.09	1.40	2.38	17	0.043	1135	0.15	3.1	5.8	647	0.9985
VINE20E_DFN-069	3.43	1.77	1.33	12	0.047	1040	0.10	2.5	4.3	972	0.9990
VINE20E_DFN-070	3.28	1.73	1.36	123	0.073	3077	0.28	4.5	5.8	350	0.9972
VINE20E_DFN-071	5.32	5.02	1.06	11	0.059	1952	0.23	4.9	9.0	439	0.9977
VINE20E_DFN-072	3.05	1.54	2.23	30	0.072	1326	0.25	9.6	3.7	405	0.9975
VINE20E_DFN-073	3.93	0.69	1.20	14	0.051	945	0.10	5.7	4.1	961	0.9990
VINE20E_DFN-074	3.97	1.03	0.73	63	0.054	1233	0.15	2.0	4.3	652	0.9985
VINE20E_DFN-075	3.27	2.27	1.89	24	0.108	2089	0.25	3.0	4.1	396	0.9975
VINE20E_DFN-076	3.23	1.79	2.57	25	0.048	1709	0.33	10.2	6.9	300	0.9967
VINE20E_DFN-077	3.04	0.49	1.05	18	0.062	1198	0.20	11.1	4.1	502	0.9980
VINE20E_DFN-078	4.21	2.01	1.21	15	0.109	3966	0.50	9.0	5.9	199	0.9950
VINE20E_DFN-079	3.13	4.14	1.53	34	0.097	4941	0.57	4.3	6.8	176	0.9943
VINE20E_DFN-080A	2.92	1.74	1.20	34	0.065	1925	0.24	13.8	5.3	411	0.9976
VINE20E_DFN-081	3.52	0.63	0.28	17	0.067	2012	0.29	2.8	4.5	344	0.9971
VINE20E_DFN-082	4.11	1.42	0.38	32	0.084	2830	0.34	3.1	5.3	297	0.9966
VINE20E_DFN-083	3.29	0.66	0.79	14	0.044	712	0.09	4.3	3.9	1120	0.9991
VINE20E_DFN-084	4.31	0.95	0.51	21	0.031	1291	0.17	1.6	6.6	592	0.9983
VINE20E_DFN-085	3.70	0.60	0.80	11	0.038	983	0.11	1.9	4.2	917	0.9989
VINE20E_DFN-086	5.38	2.00	0.79	21	0.053	1635	0.21	5.4	5.7	481	0.9979
VINE20E_DFN-087	4.07	1.97	1.85	13	0.043	1069	0.19	3.4	6.1	529	0.9981
VINE20E_DFN-088	3.88	1.28	0.63	9	0.081	2184	0.38	11.6	6.3	264	0.9962
VINE20E_DFN-089	2.94	0.54	0.53	125	0.065	1828	0.35	12.7	4.7	281	0.9965
VINE20E_DFN-090	3.03	2.10	0.71	250	0.103	3077	0.38	1.7	8.6	263	0.9962
VINE20E_DFN-091	2.21	1.05	1.63	27	0.059	1600	0.20	6.1	4.6	487	0.9980
VINE20E_DFN-092	3.73	3.95	2.91	63	0.076	2154	0.23	6.2	5.8	430	0.9977
VINE20E_DFN-093	3.94	1.82	1.95	50	0.031	1200	0.12	6.8	7.6	801	0.9988
VINE20E_DFN-094	4.39	1.52	0.77	63	0.041	1660	0.21	3.3	5.8	482	0.9979
VINE20E_DFN-095	4.71	1.74	0.75	30	0.036	1195	0.16	3.1	7.4	617	0.9984
VINE20E_DFN-096	3.04	1.47	1.58	24	0.044	870	0.14	8.8	5.2	703	0.9986

VINE20E_DFN-097	3.94	2.46	2.94	55	0.032	862	0.12	5.9	5.4	863	0.9988
VINE20E_DFN-098	3.50	1.57	0.77	70	0.049	975	0.12	3.5	4.2	851	0.9988
VINE20E_DFN-099	4.27	1.29	1.08	95	0.034	1429	0.19	3.7	8.0	514	0.9981
VINE20E_DFN-100A	4.60	2.20	1.32	43	0.062	1853	0.26	1.5	12.8	379	0.9974
VINE20E_DFN-101	4.91	4.51	1.39	35	0.068	2674	0.37	2.5	5.9	271	0.9963
VINE20E_DFN-102	5.88	0.66	0.28	23	0.091	1395	0.15	3.7	7.3	652	0.9985
VINE20E_DFN-103	3.24	1.24	3.26	29	0.049	1204	0.19	10.0	9.3	535	0.9981
VINE20E_DFN-104	3.47	1.15	0.43	18	0.110	2211	0.36	3.9	6.5	273	0.9964
VINE20E_DFN-105	4.14	2.10	0.97	73	0.045	2065	0.25	7.6	11.1	398	0.9975
VINE20E_DFN-106	3.68	1.33	0.74	40	0.052	1326	0.19	2.0	6.9	523	0.9981
VINE20E_DFN-107	5.00	1.59	1.39	34	0.024	1081	0.30	17.8	11.1	330	0.9970
VINE20E_DFN-108	4.02	2.01	1.82	26	0.033	945	0.15	1.6	6.9	651	0.9985
VINE20E_DFN-109	4.65	2.67	0.89	16	0.058	1815	0.24	5.7	8.6	416	0.9976
VINE20E_DFN-110	3.88	2.23	2.49	140	0.049	1328	0.18	2.5	6.2	551	0.9982
VINE20E_DFN-111	3.33	3.07	2.62	57	0.066	1611	0.30	4.1	5.5	328	0.9970
VINE20E_DFN-112	5.48	2.46	0.69	55	0.039	1040	0.18	5.4	5.8	545	0.9982
VINE20E_DFN-113	4.93	1.17	1.24	120	0.029	915	0.14	4.0	7.9	689	0.9986
VINE20E_DFN-114	3.26	3.40	1.28	47	0.096	2280	0.34	3.5	5.9	289	0.9966
VINE20E_DFN-115	4.30	0.59	0.46	130	0.040	984	0.12	1.7	6.3	799	0.9988
VINE20E_DFN-116	2.60	1.26	0.55	48	0.096	1687	0.24	5.5	4.5	410	0.9976
VINE20E_DFN-117	3.77	3.22	1.40	23	0.052	1300	0.19	4.0	9.0	523	0.9981
VINE20E_DFN-118	3.46	0.69	0.66	232	0.075	1477	0.17	3.6	8.2	604	0.9983
VINE20E_DFN-119	3.76	3.27	0.75	280	0.111	4607	0.66	3.1	10.4	149	0.9934
VINE20E_DFN-120A	2.77	0.75	0.58	240	0.058	1208	0.21	6.5	4.5	471	0.9979
VINE20E_DFN-121	6.98	1.61	0.80	310	0.020	4046	0.47	4.1	18.8	211	0.9953
VINE20E_DFN-122	3.08	0.36	0.20	60	0.048	1262	0.19	2.9	4.8	518	0.9981
VINE20E_DFN-123	4.22	2.17	1.98	53	0.035	1126	0.25	10.3	5.8	400	0.9975
VINE20E_DFN-124	5.08	0.97	0.69	27	0.021	661	0.08	6.0	6.8	1181	0.9992
VINE20E_DFN-125	3.74	1.59	1.38	19	0.050	1272	0.23	3.0	5.4	431	0.9977
VINE20E_DFN-126	4.55	1.51	0.49	60	0.049	1846	0.20	2.5	5.7	494	0.9980
VINE20E_DFN-127	3.97	1.79	1.09	100	0.036	1224	0.19	2.0	5.7	534	0.9981
VINE20E_DFN-128	3.72	1.00	0.89	14	0.066	1458	0.15	5.2	3.7	645	0.9985
VINE20E_DFN-129	3.05	0.30	0.42	9	0.050	1085	0.12	1.7	3.4	809	0.9988
VINE20E_DFN-130	3.02	1.02	0.93	18	0.046	1176	0.13	2.8	4.7	773	0.9987
VINE20E_DFN-131	3.61	1.74	0.51	160	0.057	1585	0.24	5.0	5.5	408	0.9976
VINE20E_DFN-132	2.59	1.45	1.10	210	0.065	1873	0.17	4.5	4.1	572	0.9983
VINE20E_DFN-133	3.79	2.95	1.22	24	0.086	2416	0.27	4.9	4.7	376	0.9973
VINE20E_DFN-134	2.90	0.50	0.40	48	0.051	1611	0.17	12.2	4.9	603	0.9983
VINE20E_DFN-135	2.86	0.60	0.58	70	0.040	1116	0.18	4.0	6.3	550	0.9982
VINE20E_DFN-136	3.85	0.67	0.49	19	0.042	1630	0.14	3.1	4.2	694	0.9986
VINE20E_DFN-137	2.99	3.69	1.95	27	0.076	1614	0.35	8.9	3.2	288	0.9965
VINE20E_DFN-138	4.50	2.01	1.89	16	0.034	1298	0.12	3.7	7.1	801	0.9988
VINE20E_DFN-139	3.10	0.54	0.51	11	0.045	1121	0.12	14.1	3.1	832	0.9988
VINE20E_DFN-140A	3.07	0.39	0.26	23	0.061	1442	0.12	1.8	4.4	848	0.9988
VINE20E_DFN-141	3.56	2.18	3.60	26	0.048	1157	0.13	5.1	3.9	790	0.9987
VINE20E_DFN-142	3.97	0.84	0.97	24	0.043	1199	0.15	4.6	5.3	675	0.9985
VINE20E_DFN-143	4.68	1.22	0.49	30	0.044	1239	0.11	3.0	4.9	888	0.9989
VINE20E_DFN-144	3.65	0.52	1.02	23	0.028	858	0.11	3.4	4.9	889	0.9989
VINE20E_DFN-145	2.49	2.35	1.87	42	0.075	2419	0.20	6.9	4.7	508	0.9980
VINE20E_DFN-146	3.84	0.99	0.87	29	0.064	1343	0.18	5.1	4.1	555	0.9982

VINE20E_DFN-147	4.21	0.96	0.96	24	0.057	1486	0.17	5.0	4.8	602	0.9983
VINE20E_DFN-148	2.64	5.10	0.78	77	0.167	9231	1.98	15.1	7.5	50	0.9802
VINE20E_DFN-149	2.54	0.88	0.77	27	0.108	2768	0.28	9.3	7.0	359	0.9972
VINE20E_DFN-150	3.08	2.17	1.27	20	0.079	1898	0.20	4.8	4.3	493	0.9980
VINE20E_DFN-151	3.45	1.13	0.69	23	0.057	1429	0.21	4.0	4.2	478	0.9979
VINE20E_DFN-152	4.21	1.00	0.62	15	0.038	980	0.12	2.0	4.9	857	0.9988
VINE20E_DFN-153	3.79	1.36	1.72	15	0.043	926	0.09	2.6	4.9	1137	0.9991
VINE20E_DFN-154	2.94	1.11	0.90	13	0.049	1032	0.12	7.0	2.8	854	0.9988
VINE20E_DFN-155	3.95	1.24	1.16	28	0.030	1132	0.13	3.9	6.9	785	0.9987
VINE20E_DFN-156	3.17	1.47	0.72	17	0.071	1773	0.29	18.9	6.6	339	0.9971
VINE20E_DFN-157	5.90	4.21	2.96	18	0.024	946	0.14	3.2	10.9	704	0.9986
VINE20E_DFN-158	3.85	0.84	1.02	40	0.037	925	0.11	5.2	6.0	937	0.9989
VINE20E_DFN-159	3.64	0.92	0.55	21	0.063	1807	0.21	3.1	4.5	465	0.9979
VINE20E_DFN-160A	3.63	0.76	0.34	26	0.060	2503	0.25	7.3	17.8	392	0.9975
VINE20E_DFN-161	3.14	1.44	0.81	12	0.062	1975	0.24	4.3	6.2	410	0.9976
VINE20E_DFN-162	2.94	1.39	1.49	9	0.086	1712	0.16	4.4	4.6	626	0.9984
VINE20E_DFN-163	2.71	2.10	2.60	21	0.067	1398	0.14	6.8	3.1	703	0.9986
VINE20E_DFN-164	2.34	0.61	0.46	32	0.065	1285	0.10	1.2	3.7	1038	0.9990
VINE20E_DFN-165	3.41	2.67	1.11	36	0.064	1711	0.22	2.9	7.3	447	0.9978
VINE20E_DFN-166	3.87	0.67	0.38	67	0.042	1205	0.15	1.8	8.6	686	0.9985
VINE20E_DFN-167	3.54	2.24	1.37	35	0.061	2475	0.29	1.7	8.8	342	0.9971
VINE20E_DFN-168	3.19	0.94	1.98	47	0.047	767	0.08	3.1	3.8	1192	0.9992
VINE20E_DFN-169	3.09	1.42	3.43	16	0.042	752	0.08	3.0	3.8	1283	0.9992
VINE20E_DFN-170	3.84	1.37	1.64	20	0.045	1092	0.11	3.6	5.2	922	0.9989
VINE20E_DFN-171	2.43	1.10	1.24	85	0.088	2351	0.26	9.6	3.8	381	0.9974
VINE20E_DFN-172	4.17	2.42	0.92	47	0.057	1452	0.15	9.7	5.0	653	0.9985
VINE20E_DFN-173	5.27	3.51	2.09	25	0.025	863	0.11	2.4	5.3	916	0.9989
VINE20E_DFN-174	4.85	1.94	1.54	33	0.024	870	0.09	1.8	9.5	1064	0.9991
VINE20E_DFN-175	3.09	0.78	0.50	19	0.055	924	0.11	3.0	3.2	873	0.9989
VINE20E_DFN-176	4.52	1.90	0.65	15	0.062	1323	0.13	7.3	2.8	774	0.9987
VINE20E_DFN-177	3.58	0.63	0.30	70	0.044	1605	0.21	9.2	8.3	482	0.9979
VINE20E_DFN-178	3.89	1.23	0.60	8	0.056	1481	0.20	1.6	8.0	499	0.9980

Ratio Percentiles

	n	Mean	Std. D	Min	25	50	75	87	93	96	98	Max
b.	470	1.80	1.29	0.20	0.87	1.5	2.3	3.1	3.9	4.5	5.3	13.2
c.	470	1.18	0.82	0.11	0.56	1.0	1.5	2.1	2.6	2.8	3.5	6.0
d.	470	83	80	0.58	33	51	121	174	230	272	300	460
e.	470	0.06	0.03	0.02	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.42
f.	470	1968	1471	471.6	1385	1688	2223	2823	3357	3814	5128	23596
g.	470	0.29	0.19	0.08	0.21	0.24	0.35	0.44	0.55	0.61	0.76	2.1
h.	470	8.0	9.5	1.14	3.9	5.2	8.4	13	19	25	43	95
i.	470	7.1	3.2	2.68	5.5	6.4	8.2	9.6	11	13	17	33
j.	470	451	220	46.35	250	412	558	696	813	919	1013	1323
k.	470	0.997	0.001	0.98	0.996	0.997	0.998	0.998	0.998	0.998	0.999	0.999

Appendix 6: Magnetometer, VLF-EM geophysics report

Preliminary maps for surveys conducted in 2019 are included in this appendix immediately after the detailed 2018 report. No report was produced for the 2019 survey as detailed analysis was not necessary for the purposes of exploration. The complete data set for the 2018 and 2019 surveys is included in Appendix 7.

Report on the Acquisition and Processing of two VLF-EM/Magnetics Ground Geophysics, Vine Property

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Introduction

The purpose of this report is to describe the results of processing ground geophysical data from two grids on the Vine property at the northern tip of the Moyie anticline in southeastern BC. The data consist of ground based magnetics and VLF-EM data that were acquired in two grids. This document is a brief description of what was done and what the results are. This report is not a complete, detailed description as PJX Exploration, Inc expressed a desire for rapid turnaround due to the rapidly approaching field season.

The Grids

The 'Vine North Grid" is a rectangular grid that is 500 x 650 m with the recording lines oriented east-west (Figure 1). Lines were recorded with 12.5m station spacing and 50m line spacing. The grid comprises 12 lines; two end lines (009 and 020) are labelled in Figure 1. GPS location and elevation readings were taken at 50m intervals.

The "Vine Rhomb Grid" is a rhombus shaped grid of 21 lines (Figure 2). In this case the lines were oriented north-south. As with the 'North grid', the lines of the 'Rhombus Grid' are spaced 50m apart and the stations along each line are spaced at 12.5m.

Pre-Processing

Pre-processing consists of accessing the data, converting the GPS readings to UTM coordinates, linear interpolation of the GPS readings from the reading interval (50m) to the intervening 12.5m locations. Once this is completed the GPS values (measured and interpolated) were assigned to the appropriate station location for each line. Relevant data (UTM coordinates, VLF in-phase and quadrature readings) were then put into the appropriate format for subsequent filtering and VLF inversions.

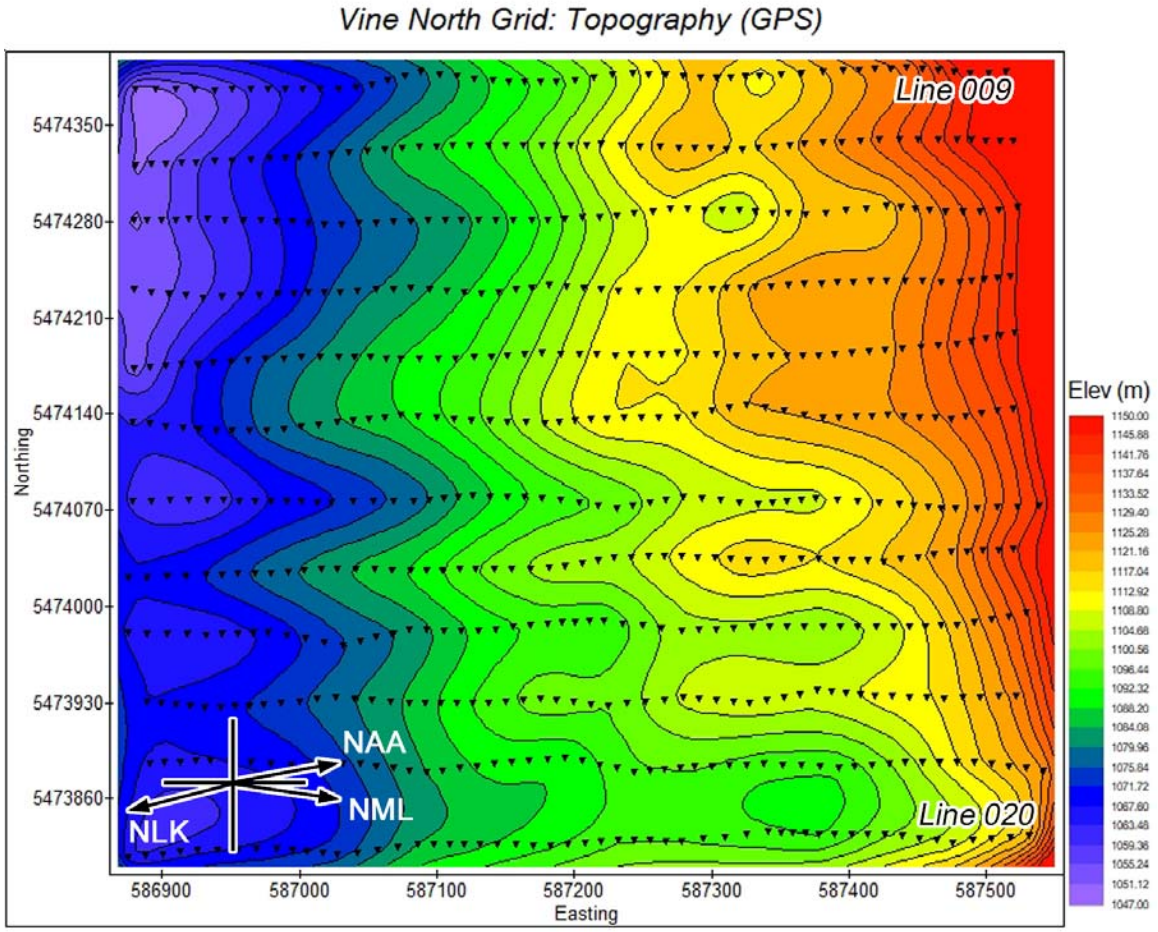


Figure 1. Topographic map of the Vine North Grid showing the station locations, contours derived from the GPS measurtements and the azimuths (lower left) of the three VLF transmitter stations recorded. Only data from NAA (Cutler, Maine) and NLK (Seattle, Washington) were used for this study.

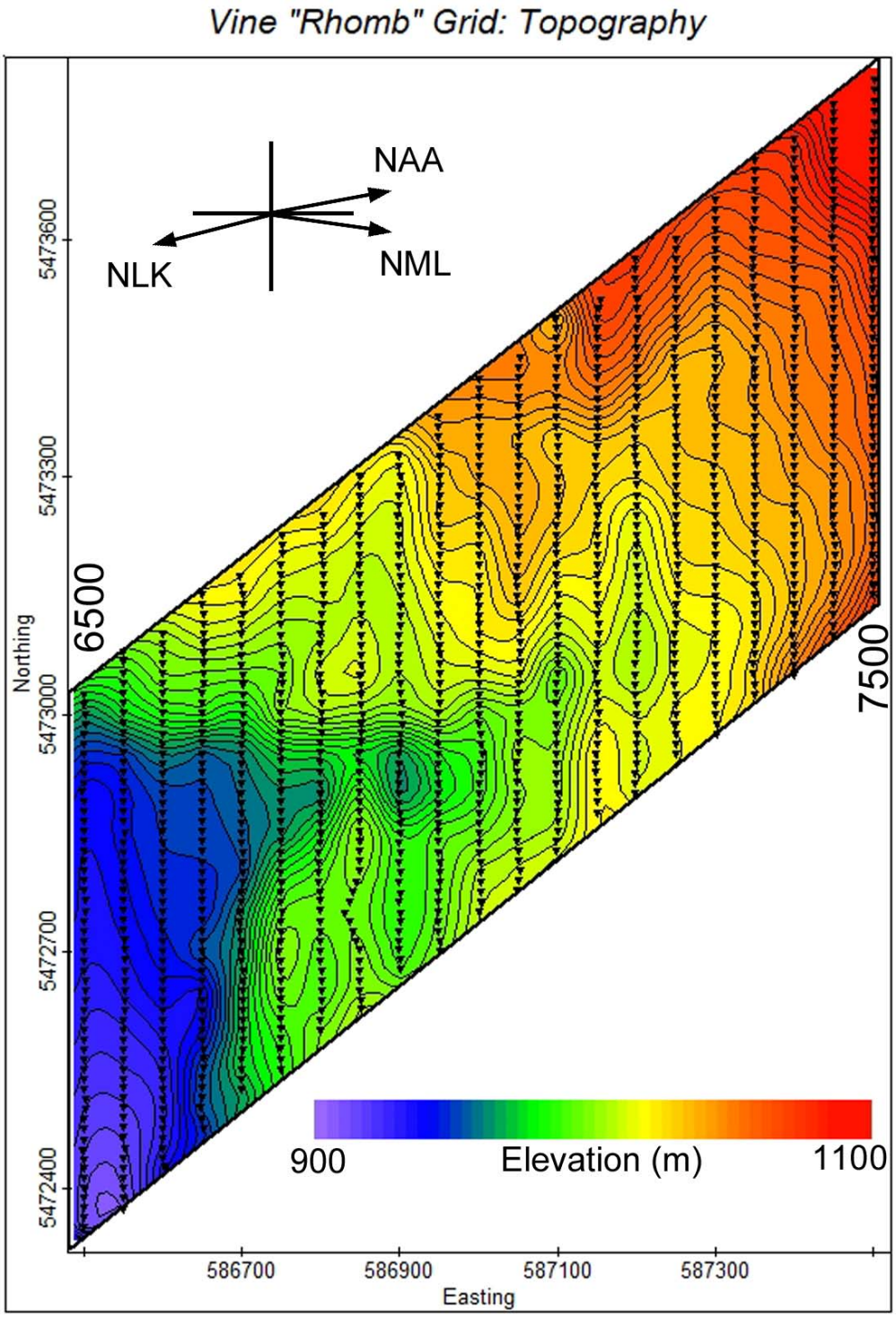


Figure 2. Topographic map of the Vine 'Rhomb' Grid showing the station locations, contours derived from the GPS measurements and the azimuths (upper left) of the three VLF transmitter stations recorded. Only data from NAA (Cutler, Maine) and NLK (Seattle, Washington) were used for this study.

Filtering

Inversions were undertaken with software based on the techniques described in Montero-Santos et al. (2006) and acquired from EMTOMO, Inc. The line data were then filtered prior to inversion. Filtering consists primarily of two factors:

1) Adjusting the direction and polarity of each profile, as necessary, to provide the appropriate orientation for the inversion, and to maintain consistency from one line to the next;
2) Modifying the recorded waveform to minimize effects of undesired signal (noise). This primarily consists of smoothing out the roughness of the curves (short wavelength filter), although in some surveys it may be necessary to adjust the positions of the curves (long wavelength filter).

Figure 3 shows data from Lines 6500 and 6550 on the Rhomb grid. Figure 3a is the profile recorded along line 6500 and Figure 3b is the same profile reversed. Figure 3c shows the data from Line 6550. Comparison of Figures 3b and 3c shows that inversions will be consistent between Lines 6500 and 6550 if the direction for Line 6500 is reversed (Figure 3b).

However, in order to maintain this consistency of orientation, it is necessary to know which of these orientations (N to S as for Line 6500, or S to N as recorded for Line 6550). According to the manual for the GEM Systems GSM-19, north-south profiles aalong which recording was done from south to north should remain unchanged, where as those recorded north to south should be reversed. Accordingly, for the Rhomb grid, data recorded south to north were considered normal polarity and thus were left unchanged. Thus, in Figure 3, the data recorded along line 6550 were left unchanged before inversion, whereas the data recorded along Line 6500 were reversed prior to inversion (Figure 3b). For the Rhomb Grid, the lines recorded from west to east are considered to be 'normal polarity' and the lines recorded from north to south are reversed prior to inversion.

To illustrate the frequency filtering, Figure 4 shows the profile along Line 009 on the North Grid. Most of the profiles (particularly the in-phase) show high frequency signal ('chatter', or 'station-station variations', etc) that is not of interest in understanding variations of electrical conductivity at depth. Hence, a number of techniques can be applied to mitigate these variations and to smooth the curve. In Figure 4b, the Empirical Mode Decomposition (EMD) method has been applied to remove the high frequency portion of the signal. 2D inversions were then applied to the filtered data.

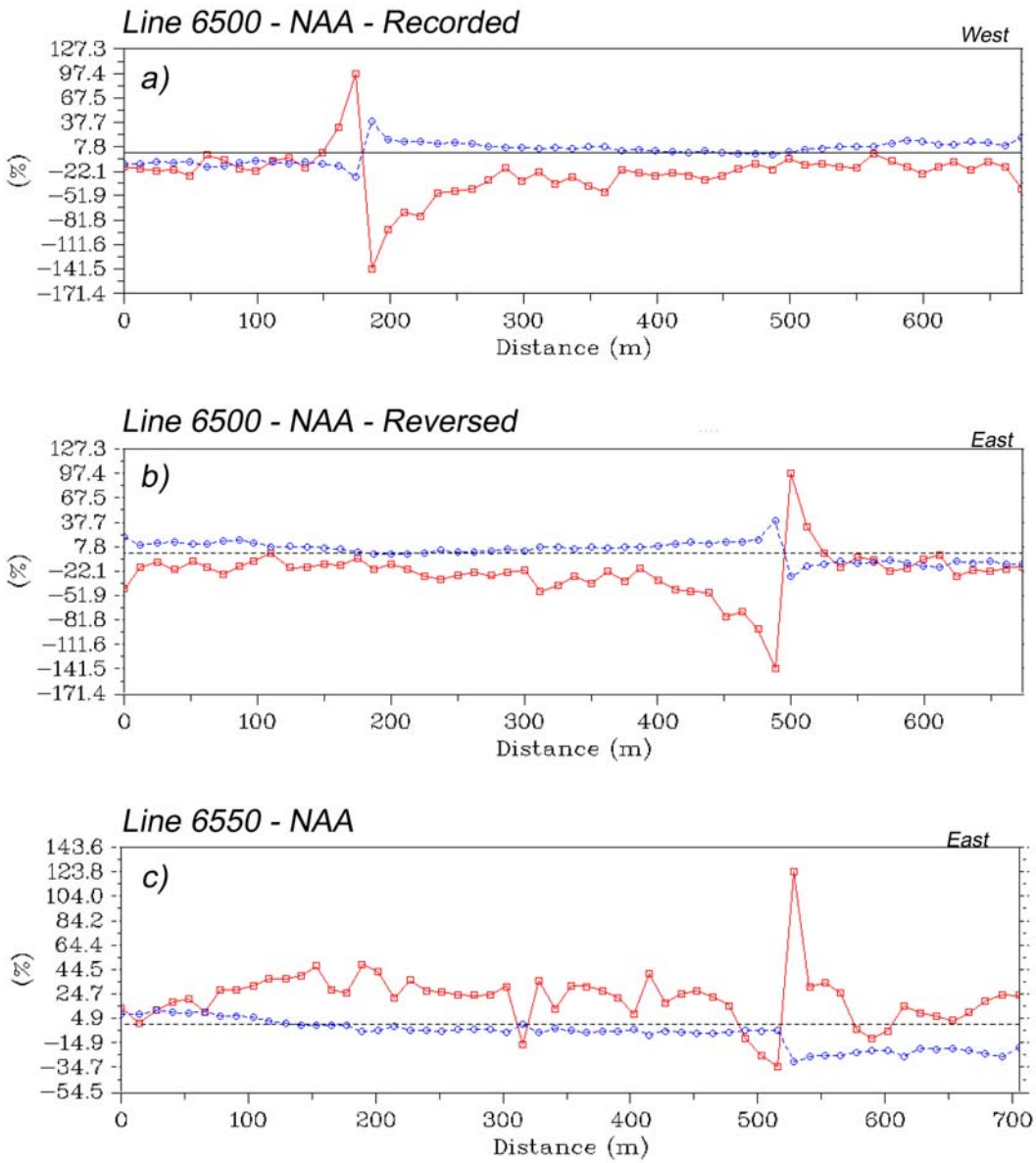


Figure 3. Illustration of reversing line direction prior to inversion. The data in (a) are the recorded results from Line 6500 and the data in (b) are the same results reversed in direction. The profiles in (c) are the recorded data from Line 6550. Note that the data from line 6500 are consistent with the results from Line 6550 if the profile is reversed (b). Red curve = in-phase; blue curve = quadrature.

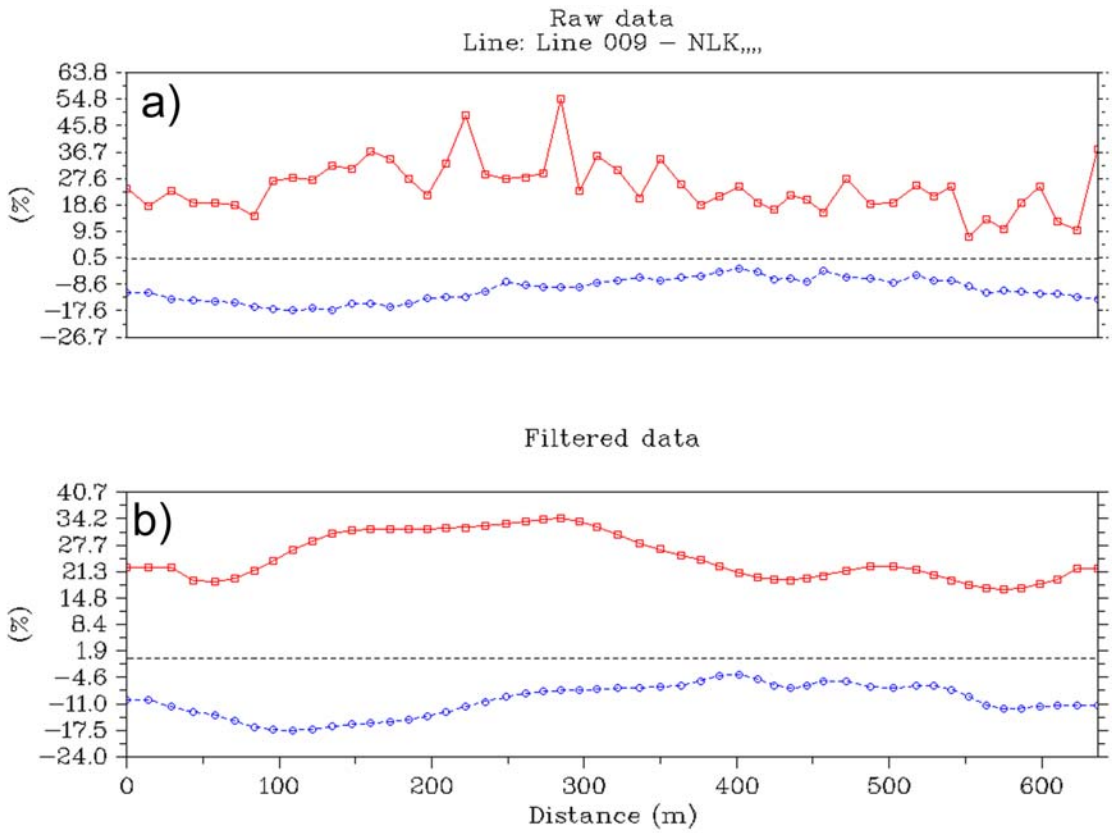


Figure 4. Illustration of the effects of filtering using Empirical Mode Decomposition (EMD). The data in (a) were recorded in the field for Line 009 (NAA). After application of the filter in (b) the short period anomalies have been considerably smoothed, although the shapes of the curves have been maintained.

North Grid

To apply the inversions, it is necessary to specify a starting model or background resistivity. For these grids, the background was assumed to be 1000 Ohm-m (=1 mS/m conductivity). All of the inversions for the 12 North grid lines are shown in Figure 5. In the image, the northernmost sections (lines 009, 010, etc) are at the top of the figure and the southernmost are at the bottom. There are often some near-surface anomalies (e.g., Line 009, east end) that should generally be discounted due to the likelihood of near-surface variations in conductivity that may not be significant for exploration.

However, for all of these lines, one major anomalous area stands out (labelled 'B' in Figure 5). In this zone a series of prominent anomalies appear to dip eastward into the hill from near the surface to 100-150m depth. This zone is visible on lines 013, 014 and 015 as well as on signals from both transmitters (NLK and NAA). A similar zone with more scattered anomalies is visible on lines 018-020.

Elsewhere, there appear to be generally weak and scattered anomalies. The significance of these, if any, is not clear.

The area of elevated conductivity can be shown in map view as well as the cross sections along each line. Figures 6 and 7 show the results from mapping the conductivity for a range of depths. In these examples, results for the NLK (Seattle) transmitter are shown in Figure 6 and for the NAA (Maine) transmitter are shown in Figure 7. To construct these maps, the conductivity was determined over a depth range of 20-100m. The shallowest depth was chosen to be 20m to avoid the near-surface anomalies discussed earlier. The resulting maps (Figures 6a and 7a) show a major region of east-west trending high apparent conductivity along lines 013, 014 and 015, with elevated conductivity then turning more-or-less north-south toward the centres of lines 018, 019 and 030.

Because the calculated conductivity highs tend to be piecemeal and discontinuous, a smoothing filter (upward continuation of 25m) was applied to both maps with the results shown in Figures 6b and 7b.

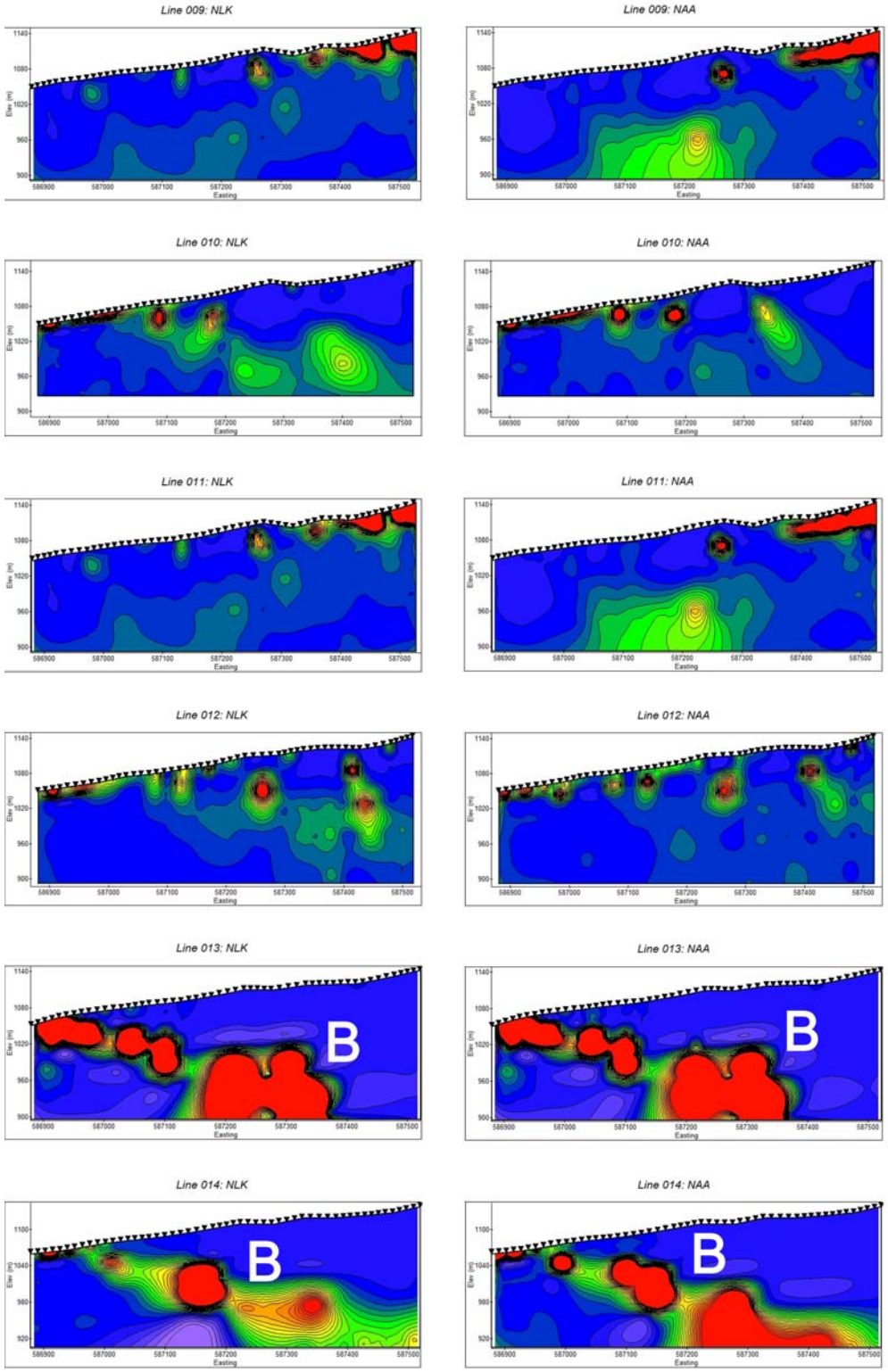


Figure 5. Inversions of the lines in the North Grid.

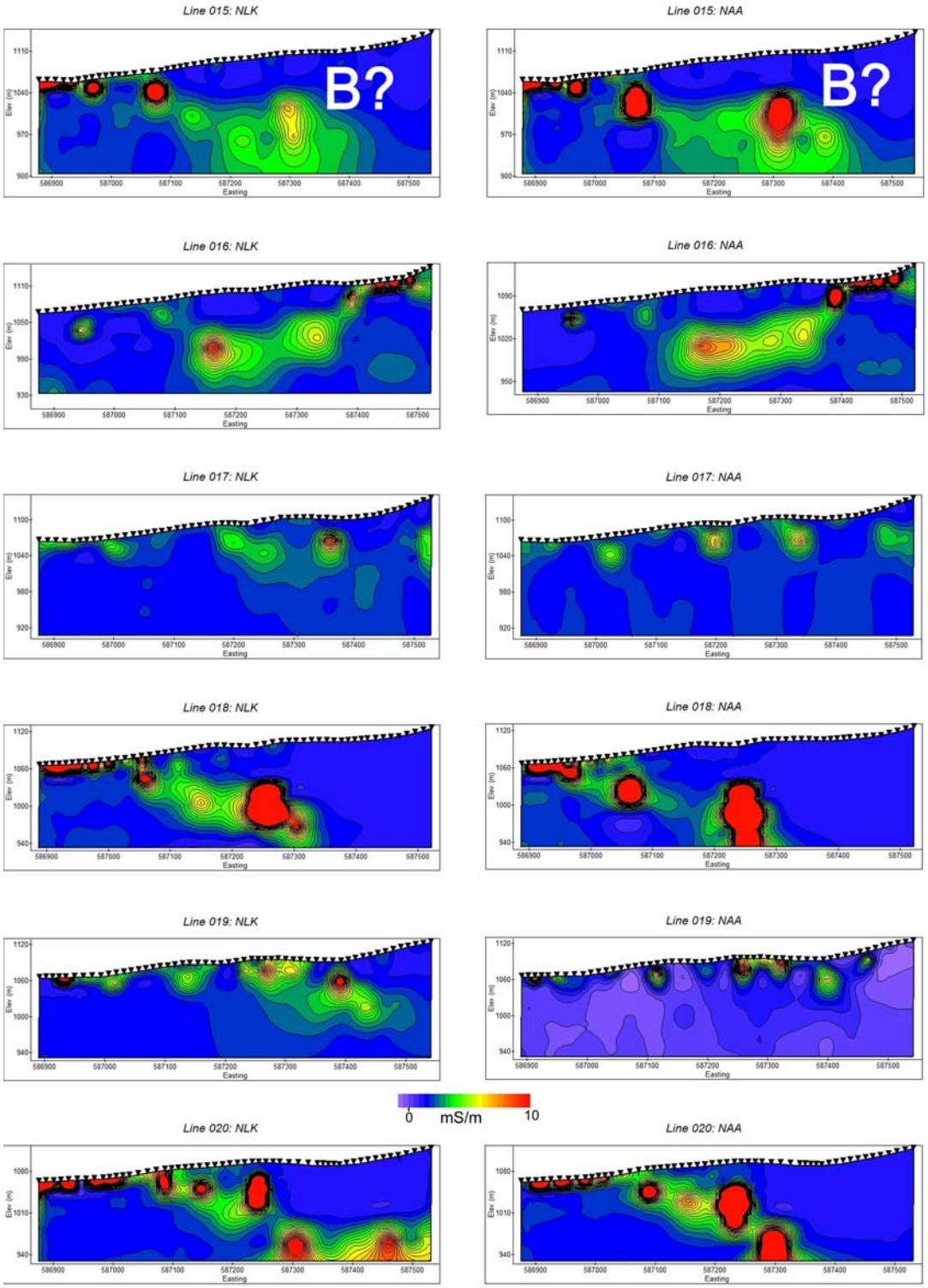


Figure 5. (continued)

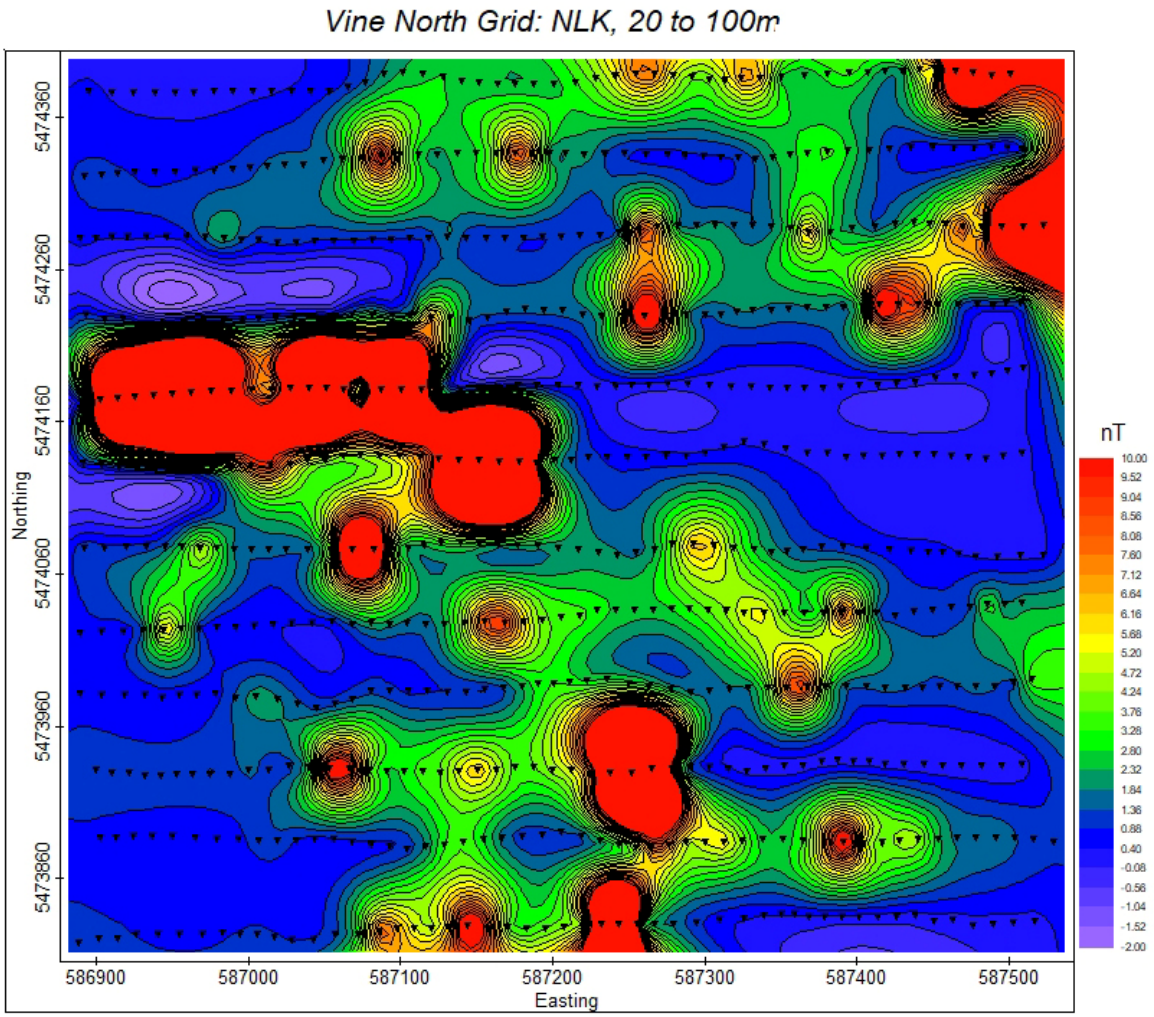


Figure 6a. Map of anomalous conductivity in the depth range from 20 to 100m for the North Grid, NAA transmitter.

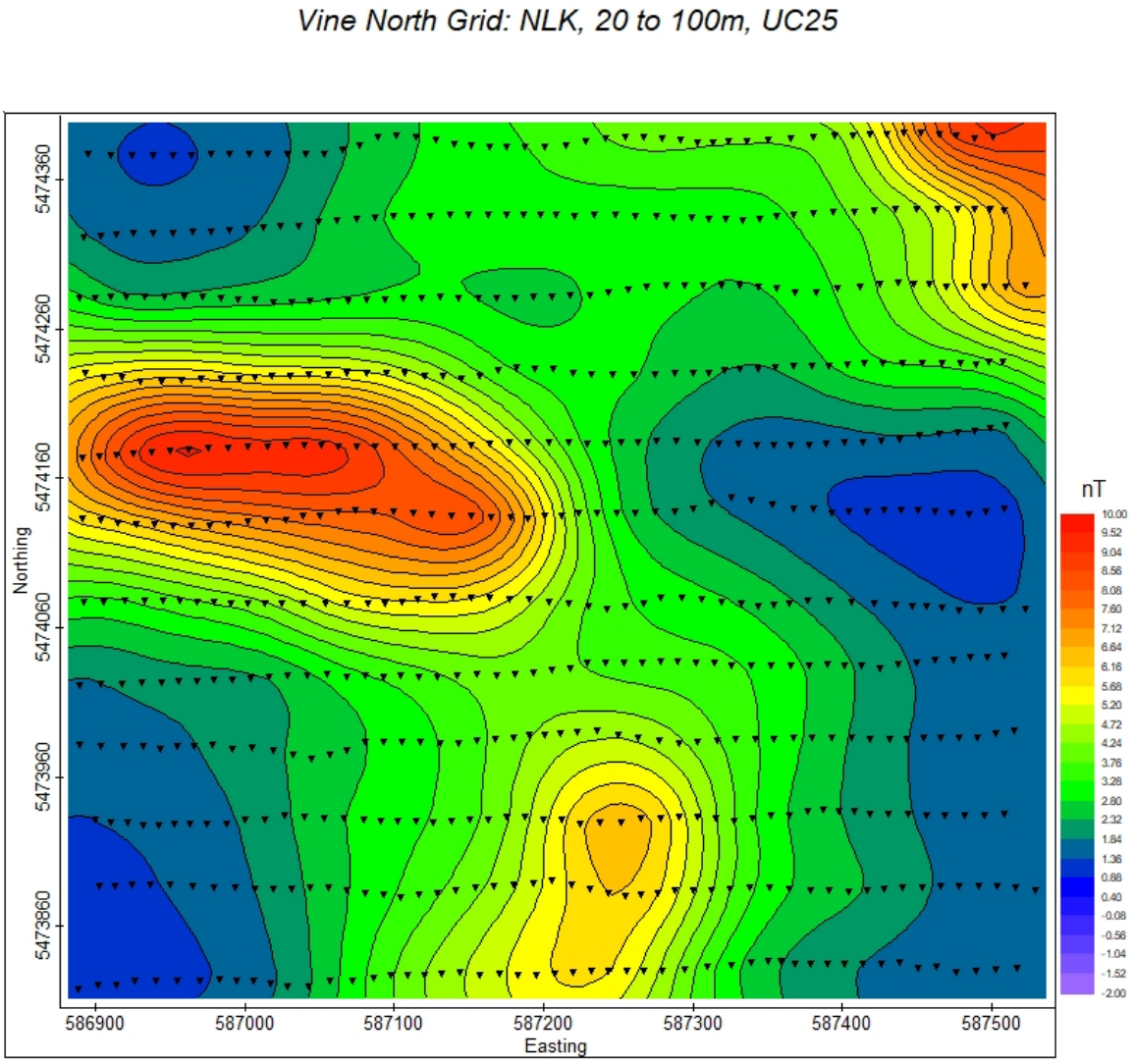


Figure 6b. Same as Figure 6a after application of a smoothing (upward continuation) filter.

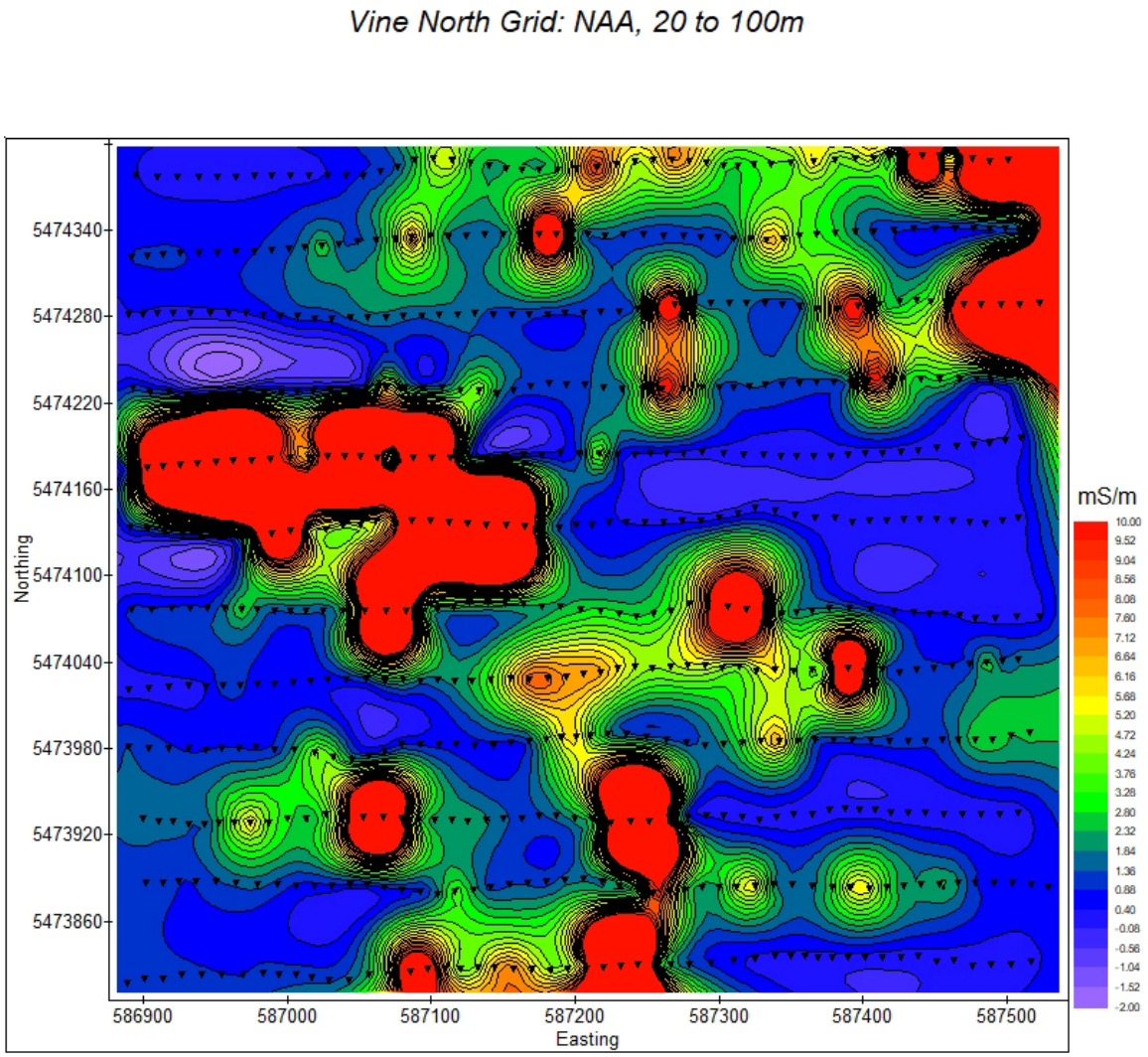


Figure 7a. Map of anomalous conductivity in the depth range from 20 to 100m for the North Grid, NAA transmitter.

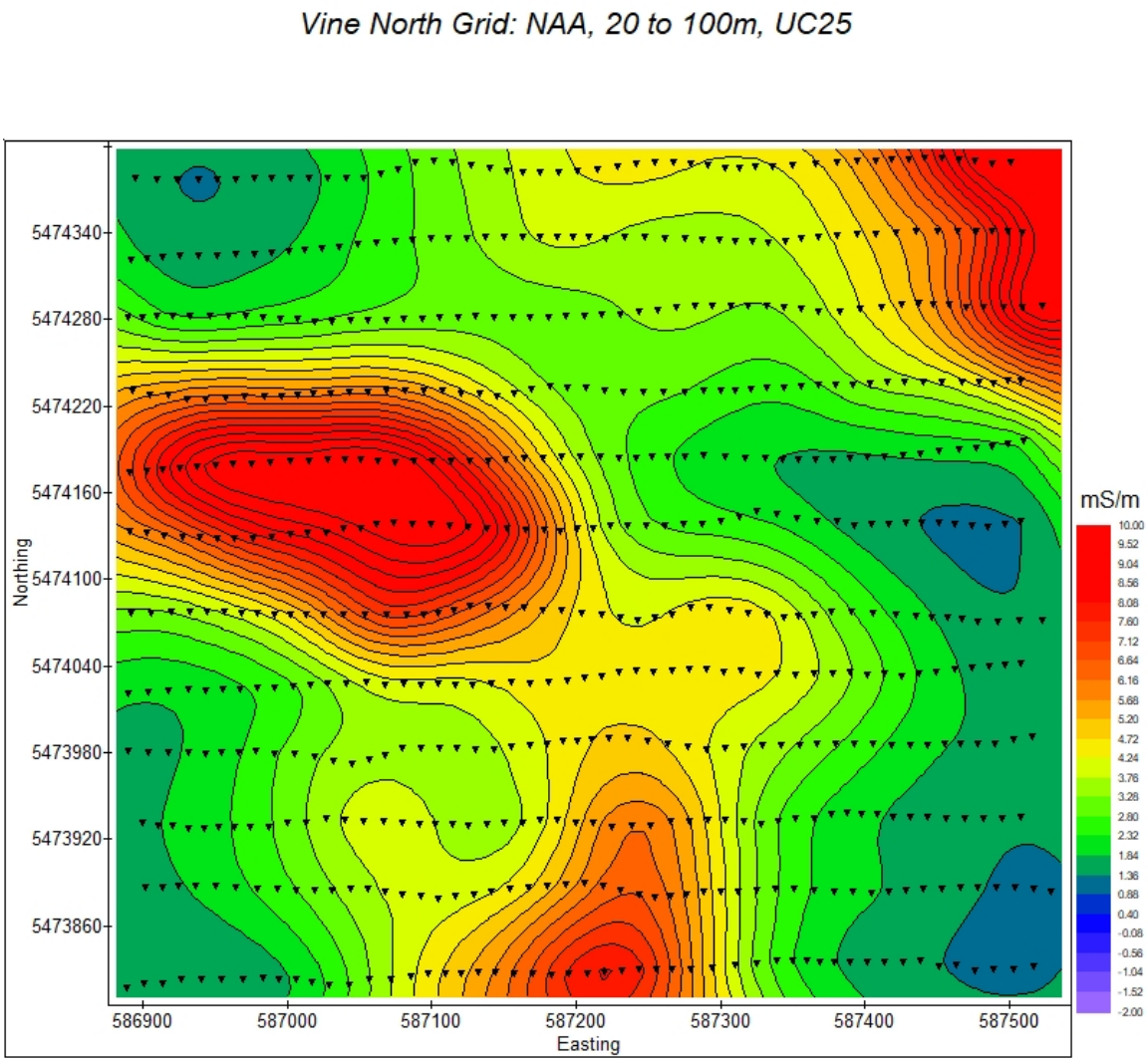


Figure 7b. Same as Figure 7a after application of a smoothing (upward continuation) filter

Magnetics – North Grid

In addition to the VLF-EM data, the GSM-19 instrument records variations in the magnetic field. Initial data reductions typically include adjustments for diurnal variations, removal of the regional Earth's field (IGRF, International Geomagnetic Reference Field) and reduction to the North Pole.

All of these were applied to the data, but in the interest of expediency, little else has been done to the data. Figure 8 shows the magnetic data from the North grid after application of the sequence of adjustments described above as well as a slight smoothing filter (upward continuation of 50m). Perhaps most significantly, there is a prominent anomaly that appears along lines 011, 012 and 013 that may be related to the elevated conductivity zone described above. This possible correlation could be investigated further.

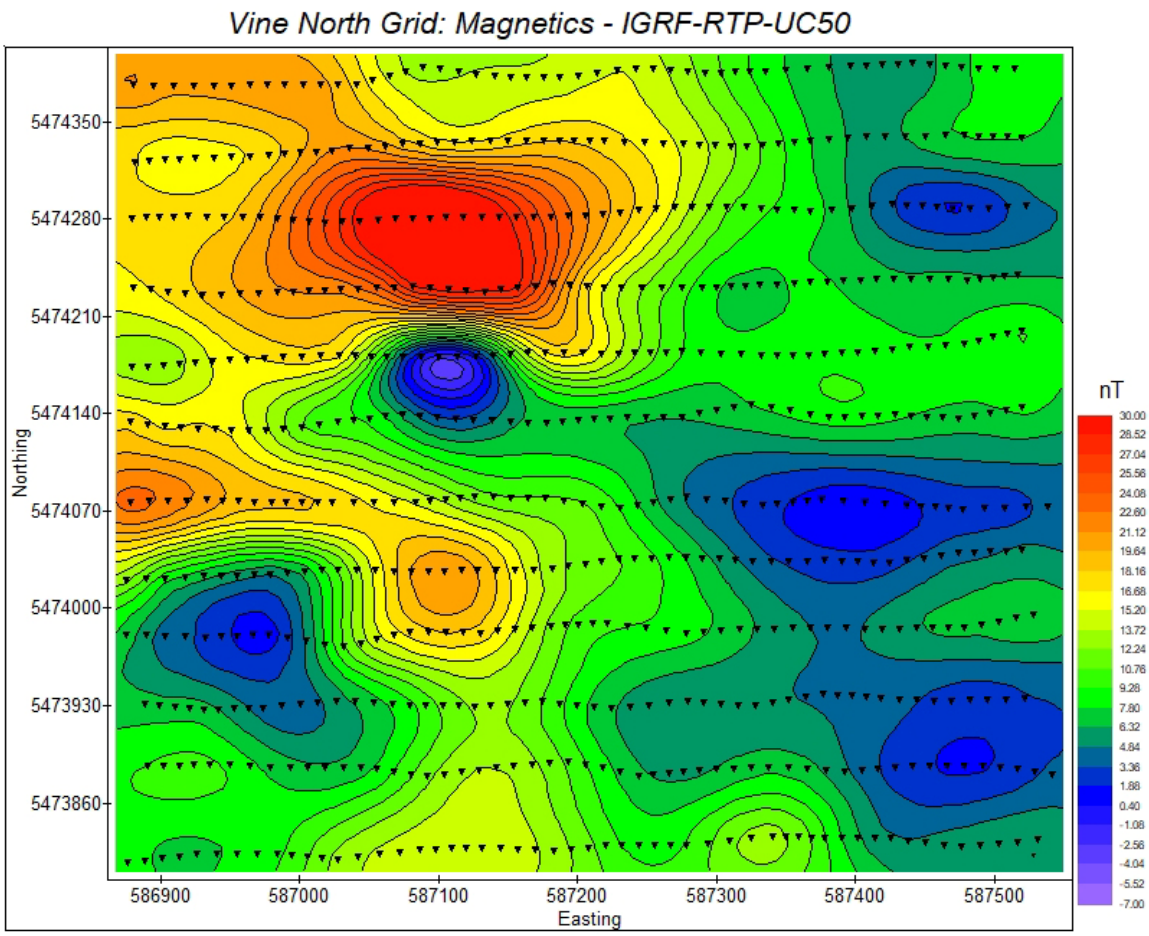


Figure 8. Magnetic data from the North Grid. The data have been corrected for diurnal variations, had the IGRF removed and have been reduced to the North Pole. To minimize 'chatter', the data were then upward continued to 50m. Note the strong anomaly on lines 11, 12 and 13.

Rhomb' Grid

Inversions for each of the lines in the Rhomb Grid are shown in Figure 9. As with the North Grid, the results are shown in two columns, with the inversions from the NLK (Seattle) transmitter on the left and inversions from the Maine (NAA) transmitter on the right. In this case, however, the rhombus shape of the grid means that the lines are systematically offset relative to adjacent lines in order to produce the rhombus-shaped coverage. As with the North grid, the data were recorded with 50m line spacing and with 12.5m station spacing along each line (Figure 2).

Inversion results are shown for each line with the westernmost lines (6500, 6550…etc.) at the top and the easternmost at the bottom of the figure. In other words, the cross sections are oriented looking west.

The reasults display many anomalous conductivity features. The significance of single, isolated anomalies is not always clear; however, when anomalies can be followed from line to line, they may be significant features. One clear example (labelled 'A' on Figure 9) in this grid occurs near 100m depth along lines 6950, 7000, 7050 and possibly 7100.

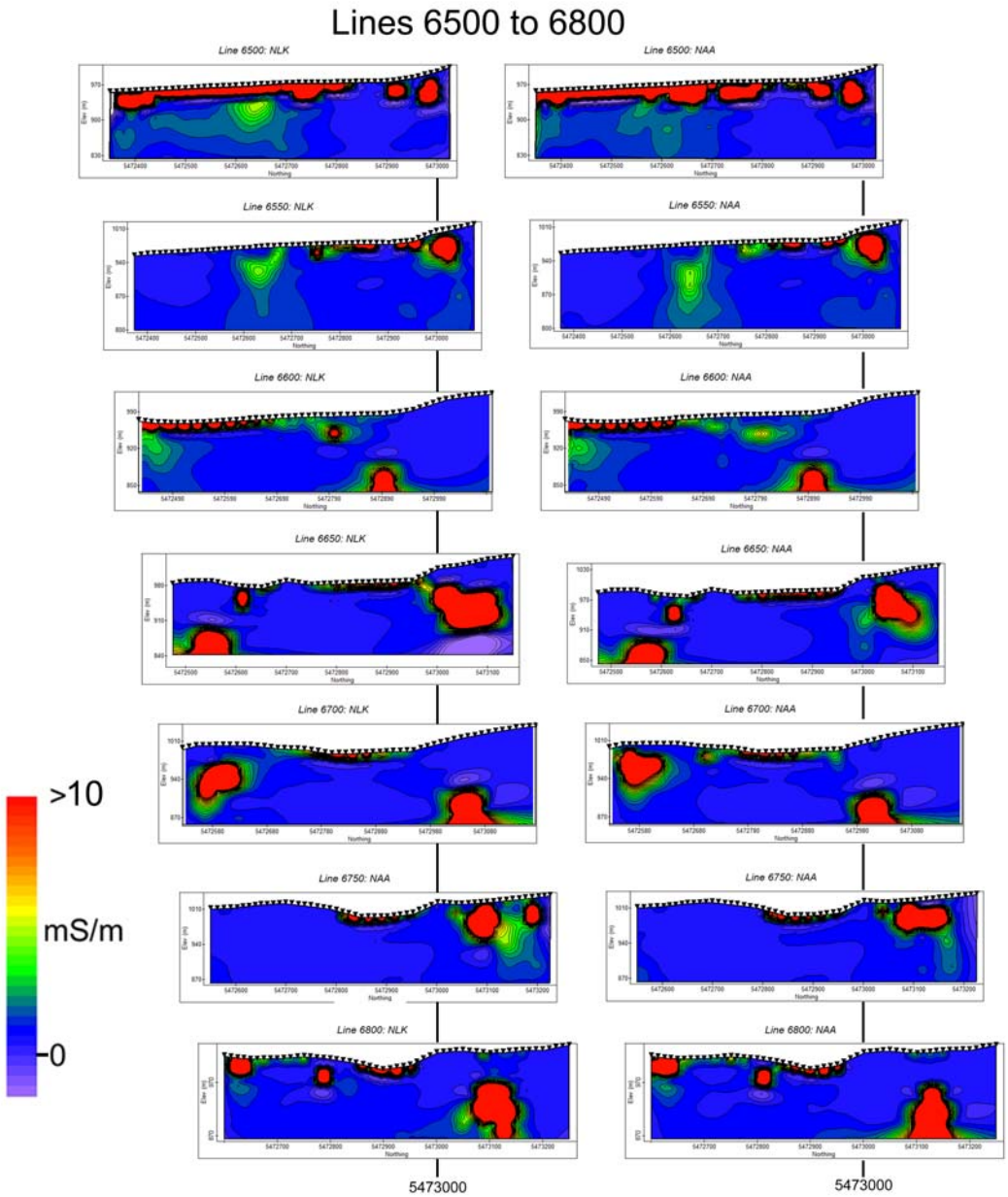


Figure 9. Inversion sections for lines from the Rhomb Grid. Line 6500 is at the top, and line numbers increase sequentially to the bottom of the page. The sections are lined up along UTMnorthing = 5473000.

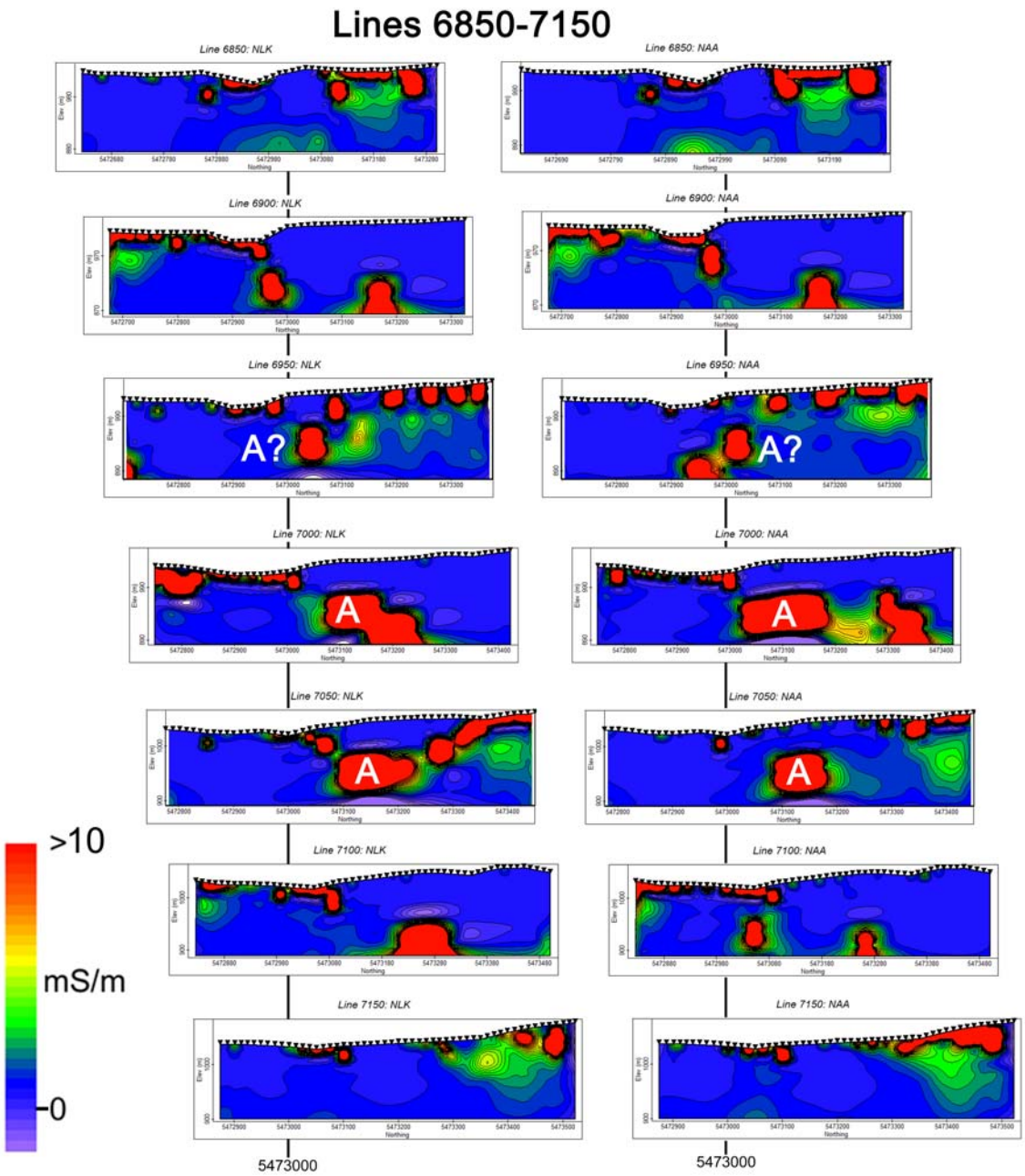


Figure 9 (continued).. Note the prominent (apparent) conductor labelled 'A'.

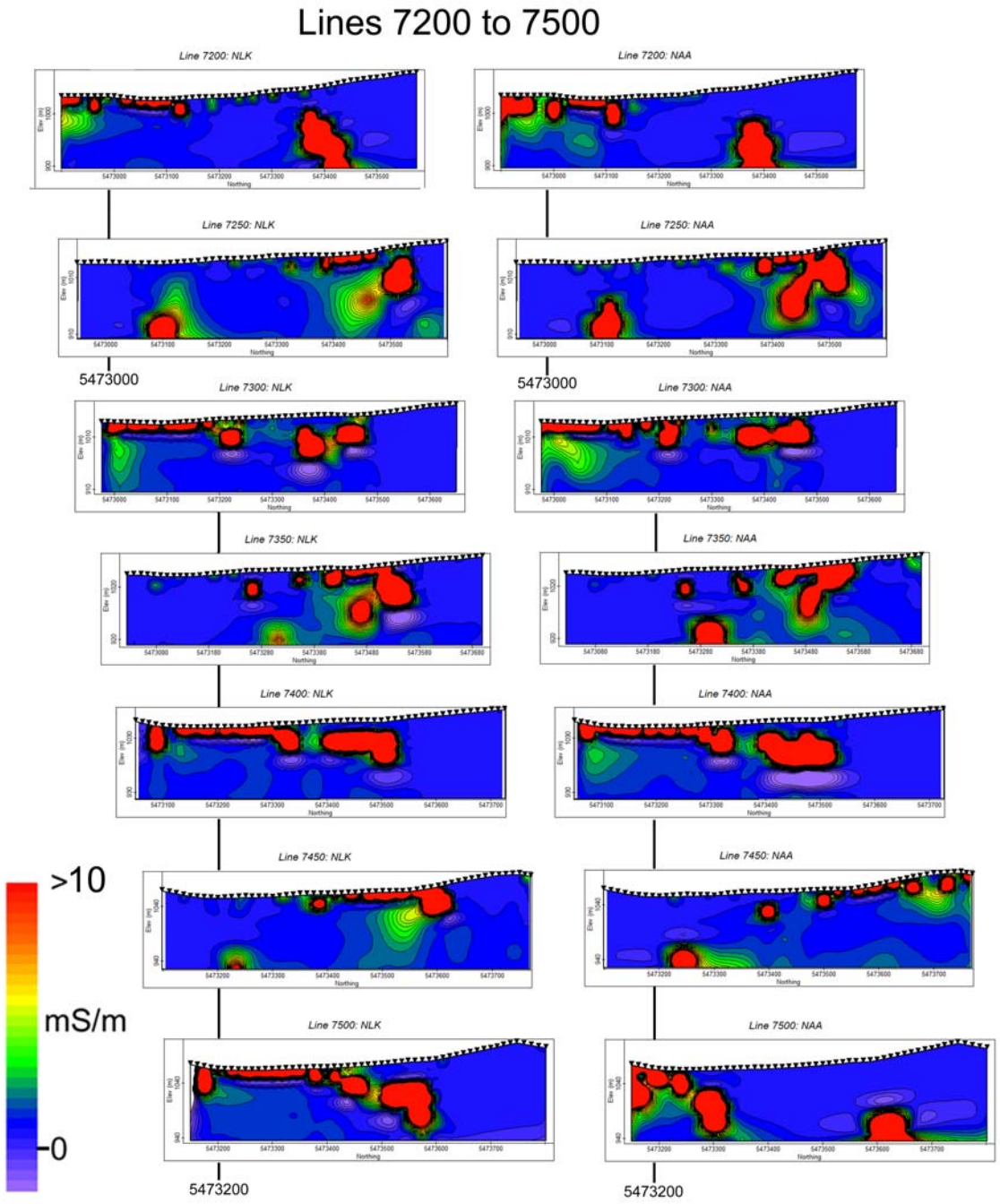


Figure 9 (continued)…Lines are lined up along UTMnorth = 5473000 and UTMnorth = 5473200.

Magnetics – 'Rhomb' Grid

As in the case of the North Grid, magnetic data were recorded and initial steps for further analysis were taken. The diurnal variations were accounted for using a base station, and the IGRF was removed assuming a single (centralized) point and a centralized date with the resulting numerical values being removed from the total magnetic intensity values.

After the data were reduced to the North Pole and upward continued to 50m the results were mapped (Figure 10). The results appear to show a gradient of magnetic values with highs to the northwest and lows to the southeast. No very large anomalies are obvious at this stage of processing.

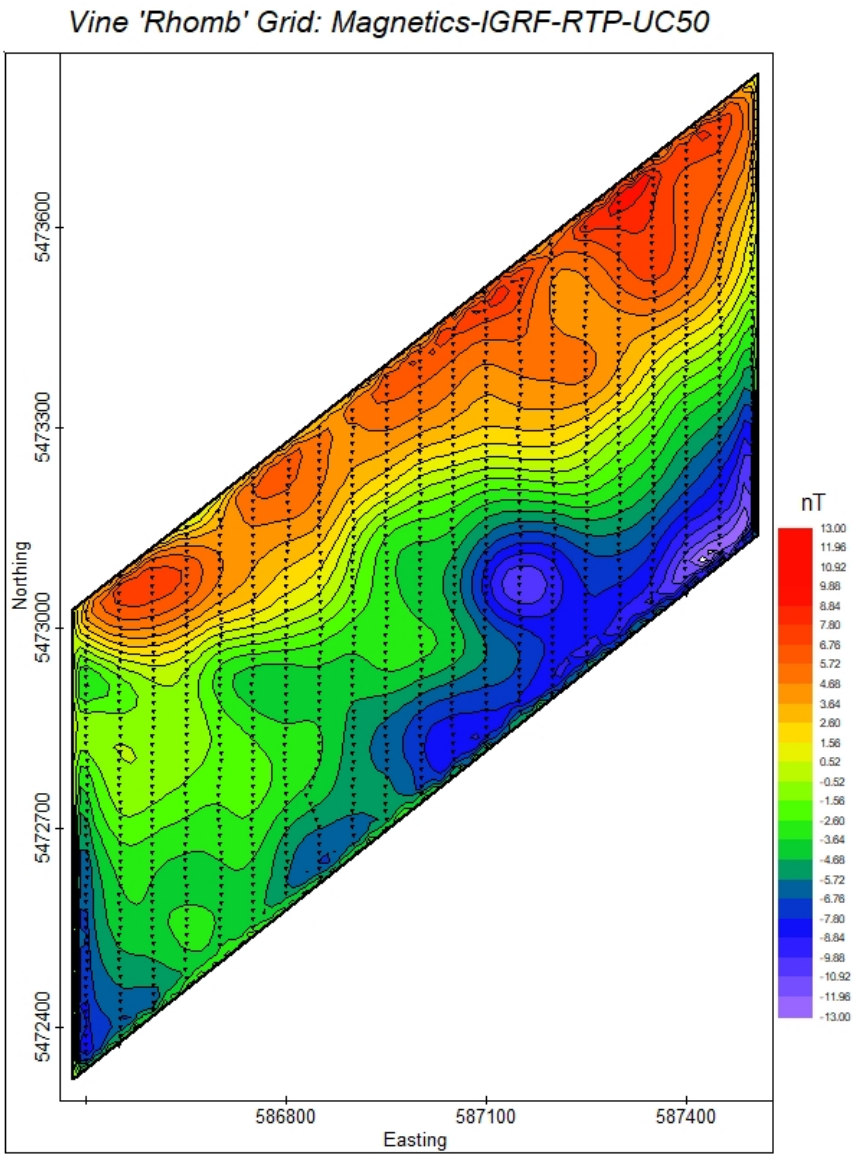


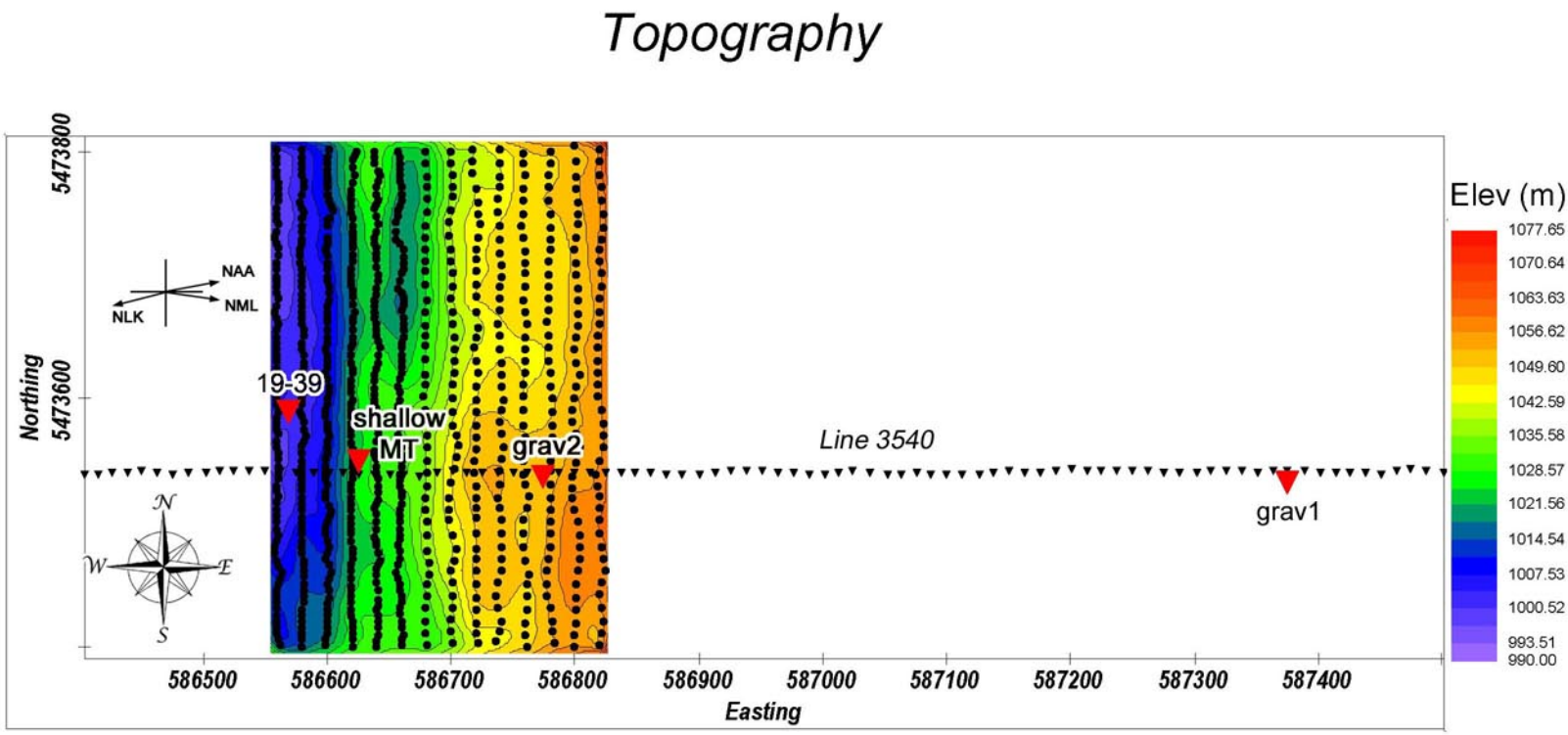
Figure 10. Magnetic data in the Rhomb Grid after adjusting for diurnal variations, removal of the IGRF, reduction to the North Pole and a mild (50m) upward continuation.

Summary and Conclusions

Application of the VLF-EM and magnetics techniques in two gridded ground-based surveys on the Vine property has resulted in detection of several anomalous conductive zones on each grid. The most prominent of these are strong (high conductivity) anomalies that dip eastward near the centre of the North Grid ('B' on Figure 5) and a series of prominent anomalies near 100m depth ('A' on Figure 9) on the Rhomb grid.

As with all electrical studies it is important to recognize that elevated conductivity may be caused by one (or a combination) of several effects, including saline fluids or fluid-filled clays, carbon (graphite) and, of course, metals. In all cases the grains must be connected to allow electrical current flow.

In these new Vine grids, there appear to be numerous electrical conductors; the significance of these can only be ascertained with careful input from the geology.


Topography
Elev (m)
1077.65
1070.64
1063.63
1056.62
1049.60
1042.59
1035.58
1028.57
1021.56
1014.54
1007.53
1000.52
993.51
990.00
NAA
NML
NLK
19-39
shallow
MT
grav2
Line 3540
grav1
Northing
5473800
5473600
586500
586600
586700
586800
586900
587000
587100
587200
587300
587400
Easting

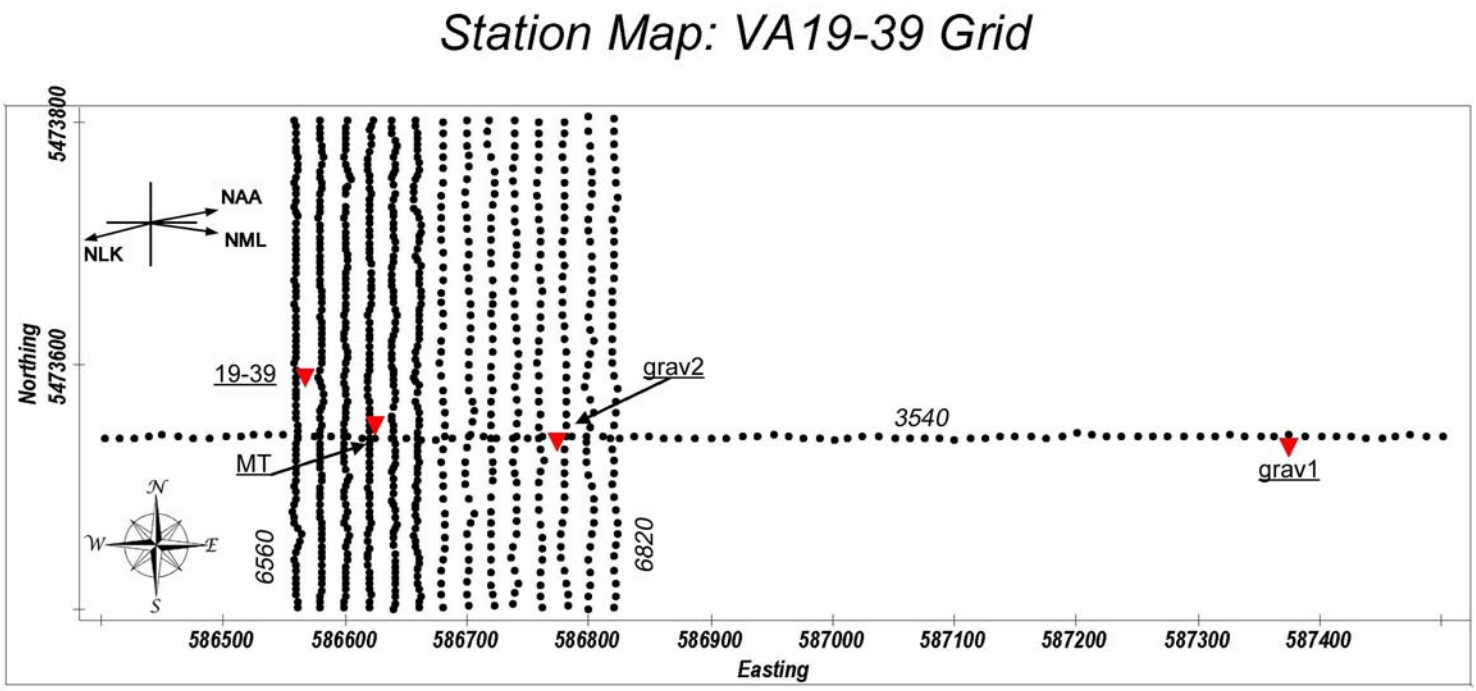

Station Map: VA19-39 Grid
NAA
NML
NLK
19-39
grav2
3540
MT
grav1
6560
6820
Northing
5473800
5473600
586500
586600
586700
586800
586900
587000
587100
587200
587300
587400
Easting

Figure 1

Topography

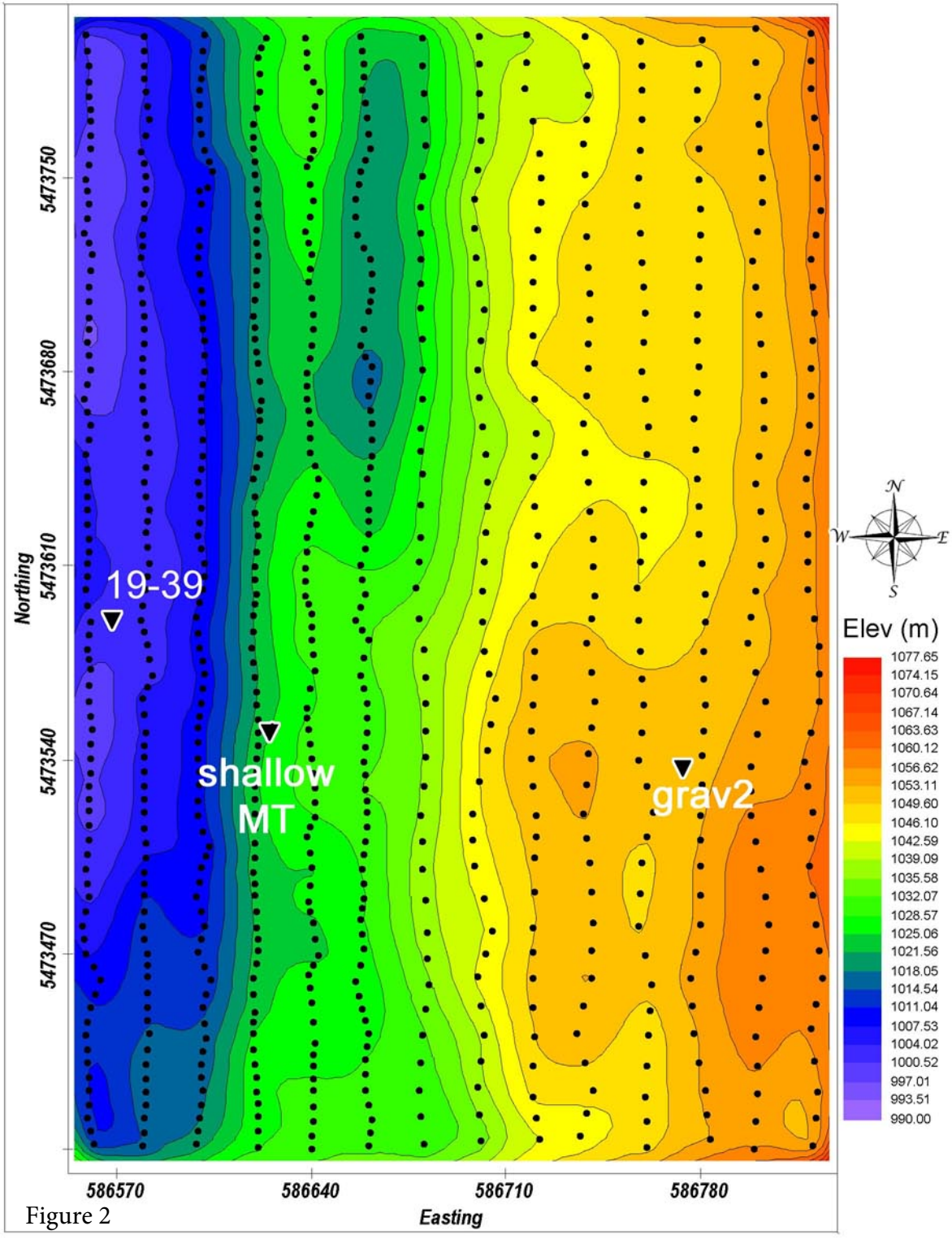


Figure 2

Magnetics: Di-IGRF

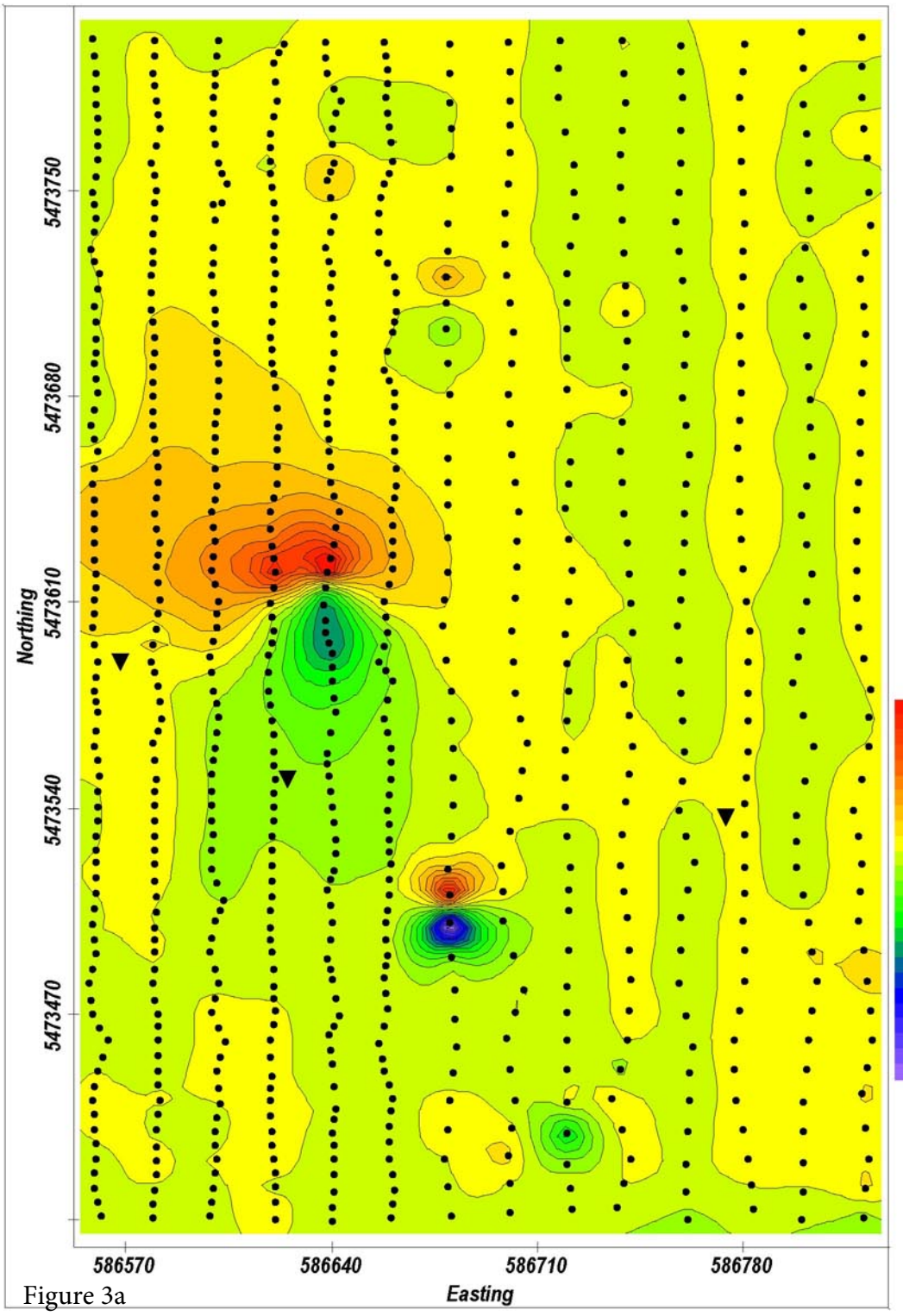


Figure 3a

Magnetics: Di-IGRF-RTP

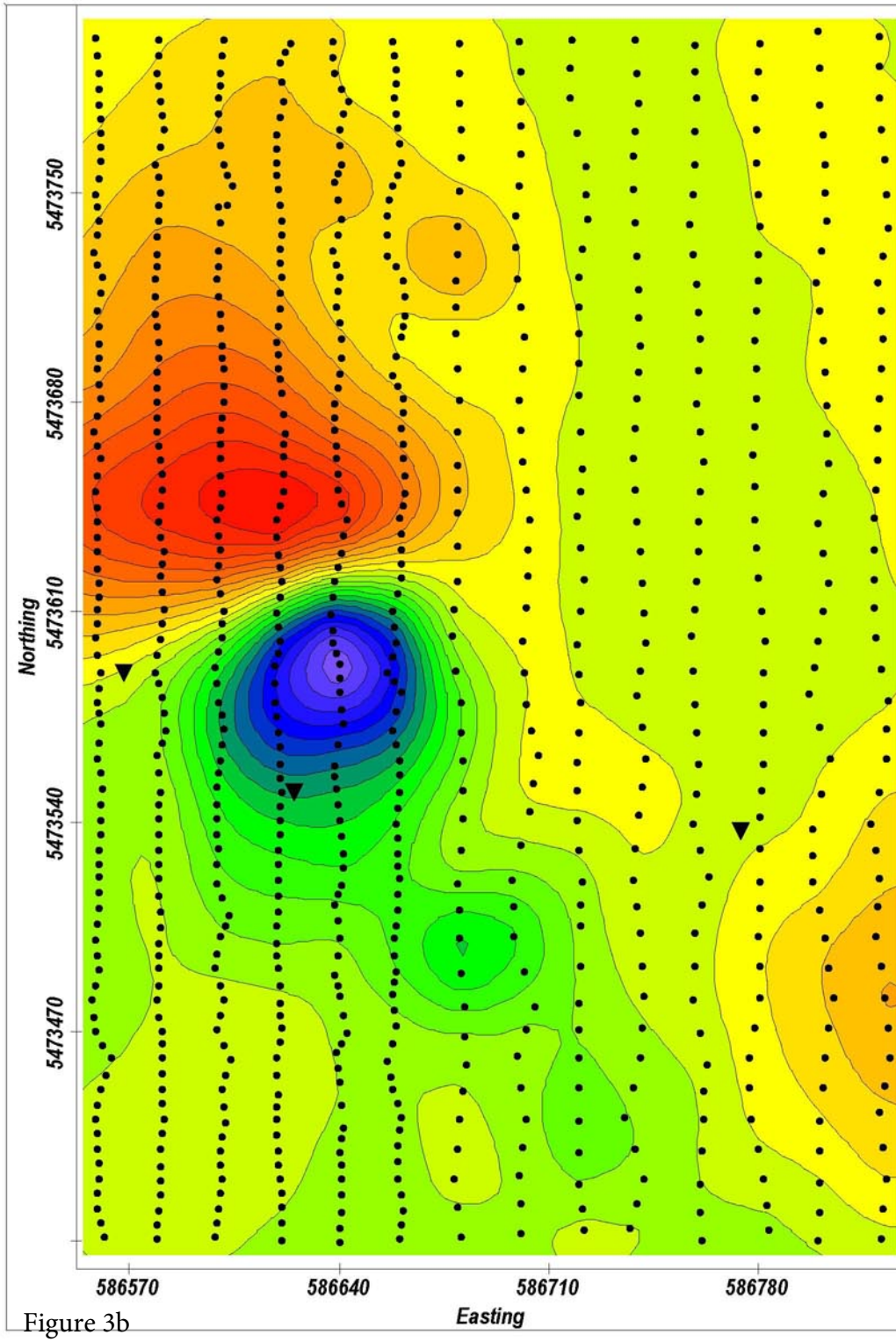


Figure 3b

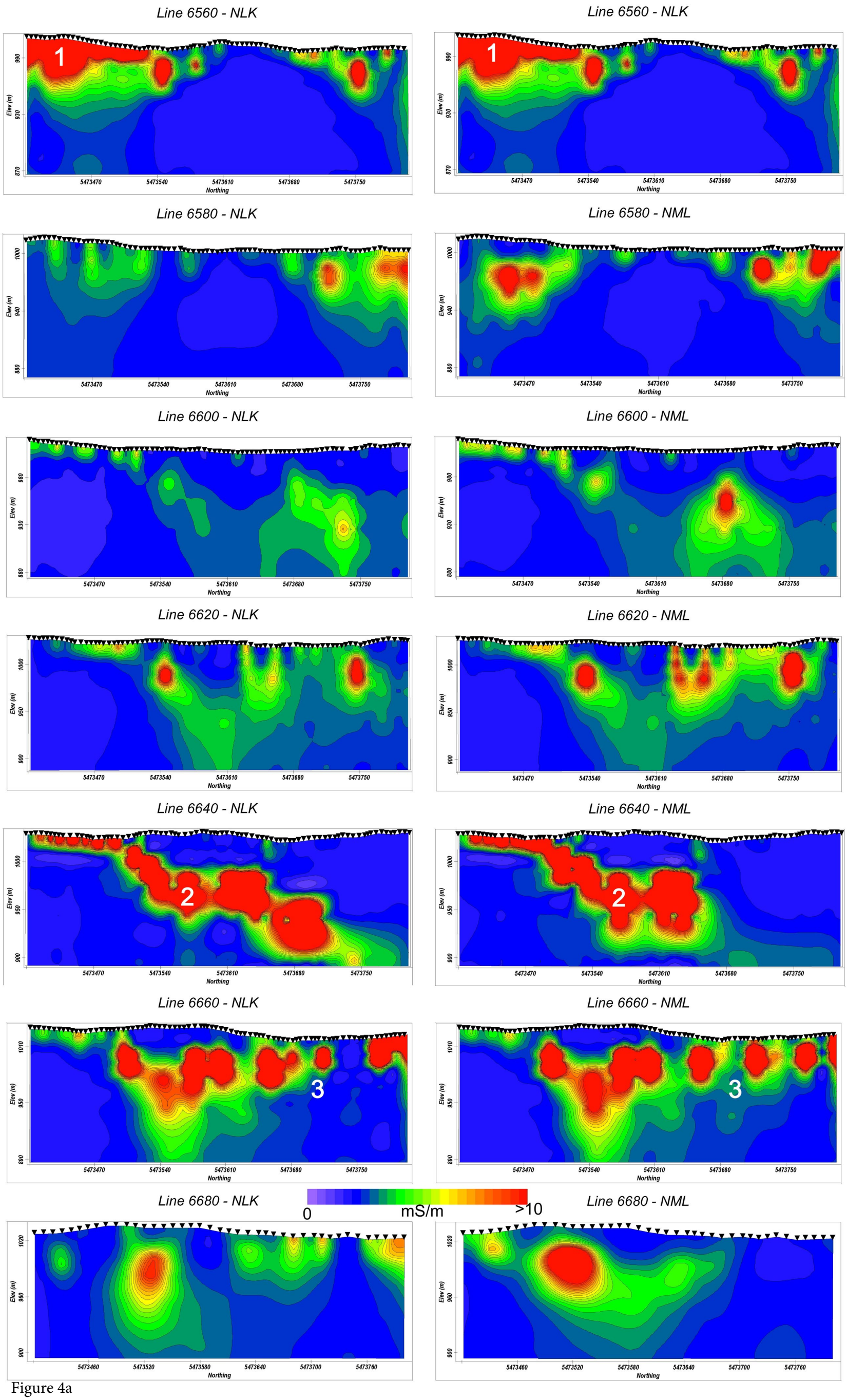
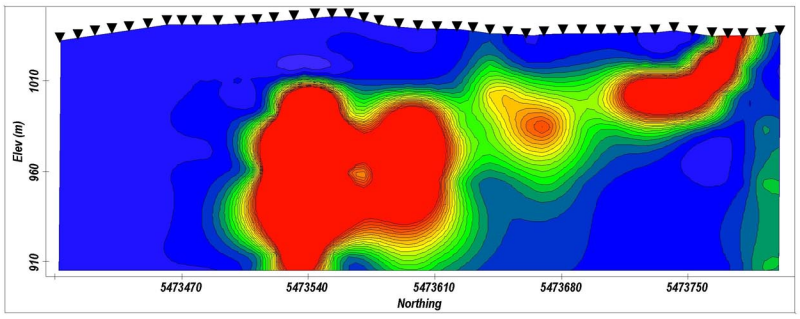
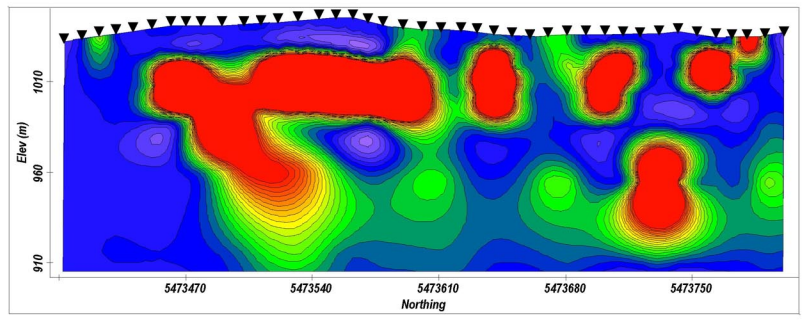

Line 6560 - NLK
Line 6560 - NLK
Line 6580 - NLK
Line 6580 - NML
Line 6600 - NLK
Line 6600 - NML
Line 6620 - NLK
Line 6620 - NML
Line 6640 - NLK
Line 6640 - NML
Line 6660 - NLK
Line 6660 - NML
Line 6680 - NLK
Line 6680 - NML
1
2
3
Elev (m)
Northing
0
mS/m
>10

Figure 4a

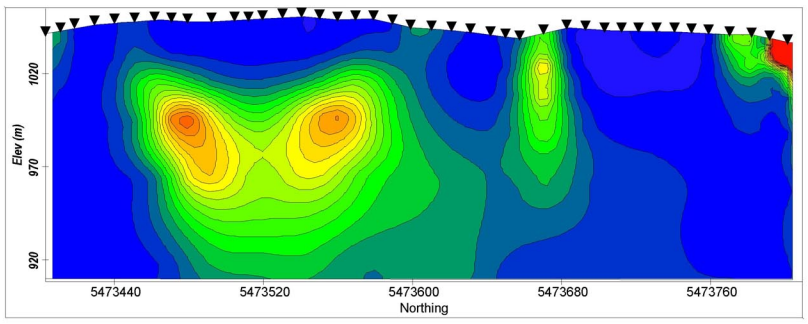
Line 6700 - NLK



Line 6700 - NML



Line 6720 - NLK



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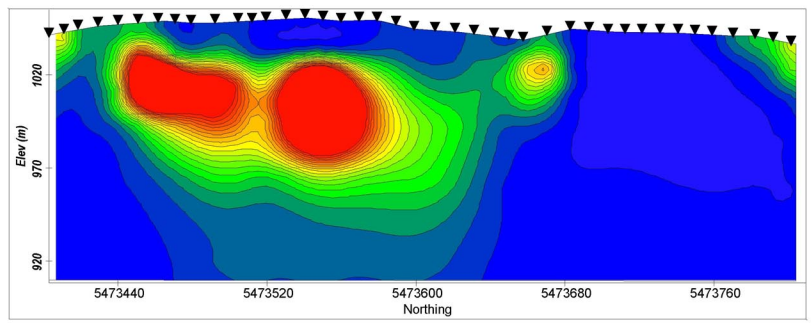
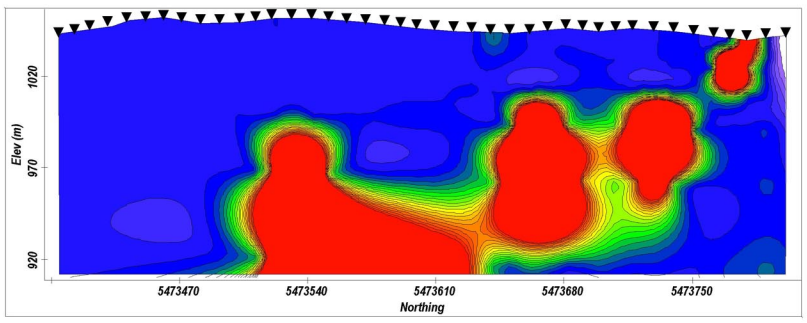


Line 6740 - NLK



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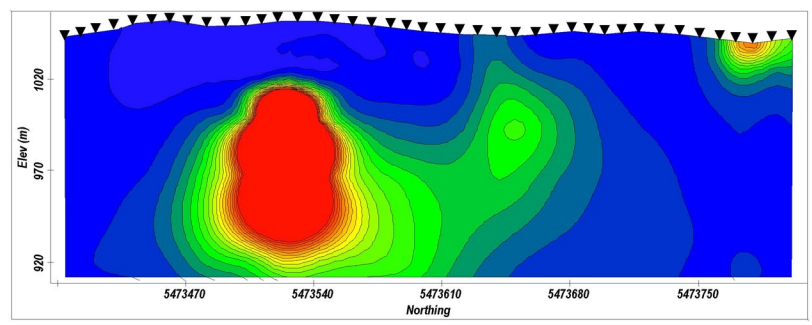
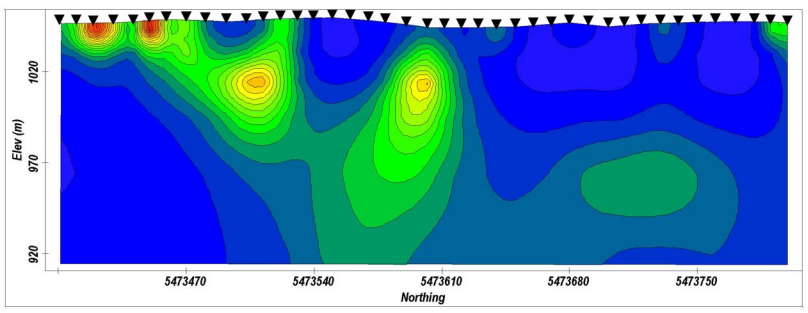


Line 6760 - NLK



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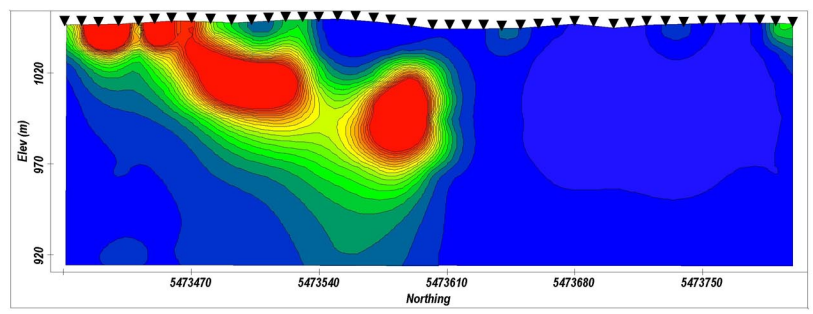
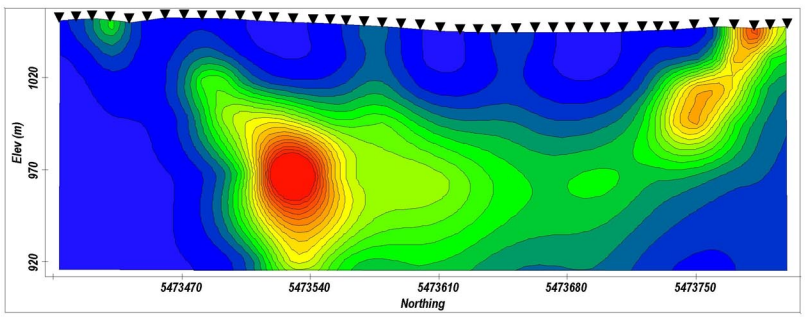
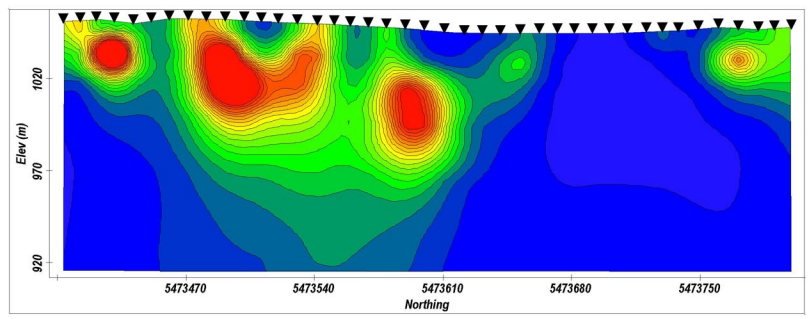


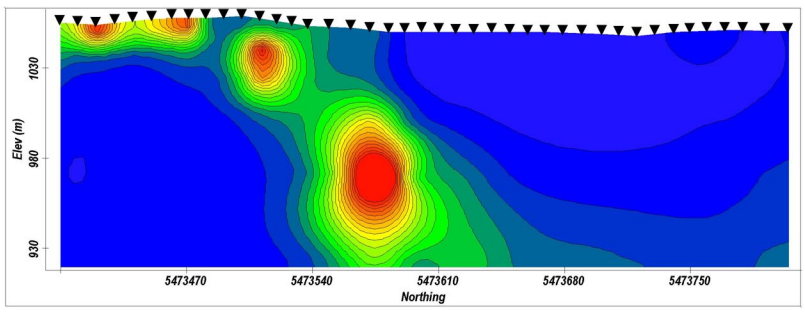
Line 6780 - NLK



Line 6780 - NML



Line 6800 - NLK



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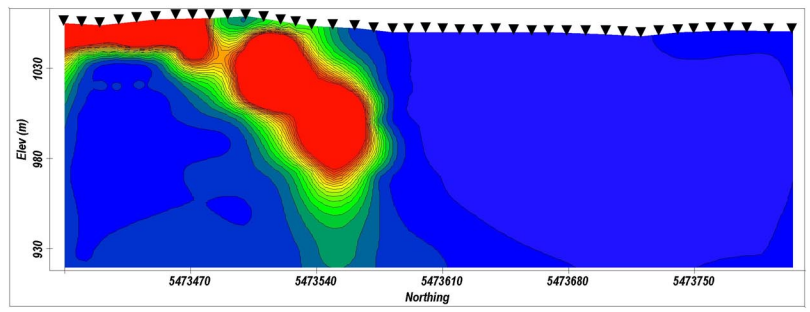
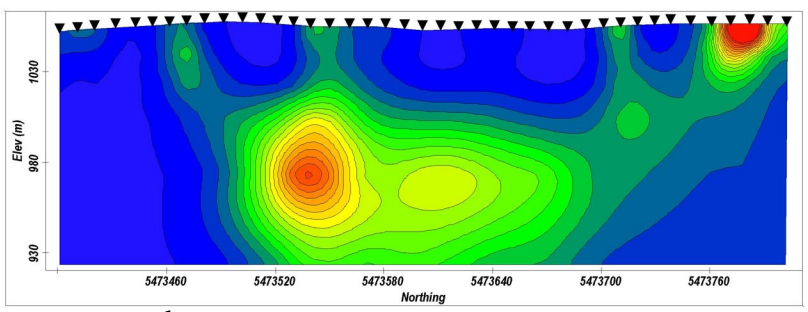


Line 6820 - NLK



Line 6820 - NML

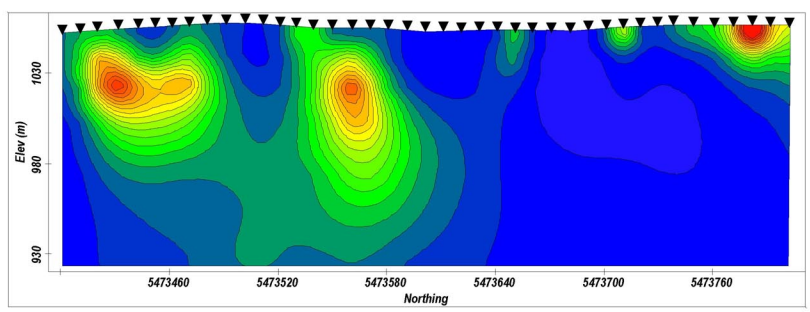
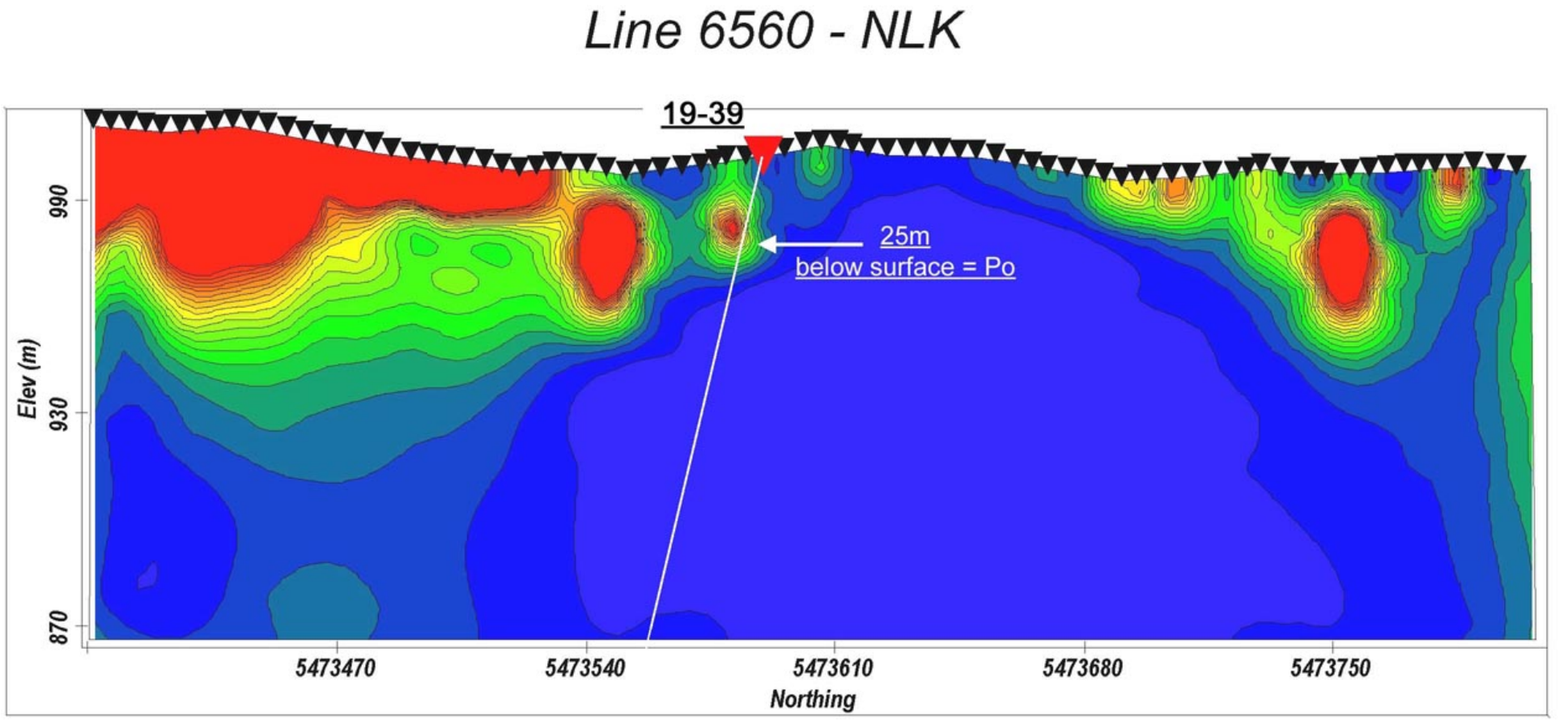


Figure 4b


Line 6560 - NLK
19-39
25m
below surface = Po
Elev (m)
990
930
870
5473470
5473540
5473610
5473680
5473750
Northing

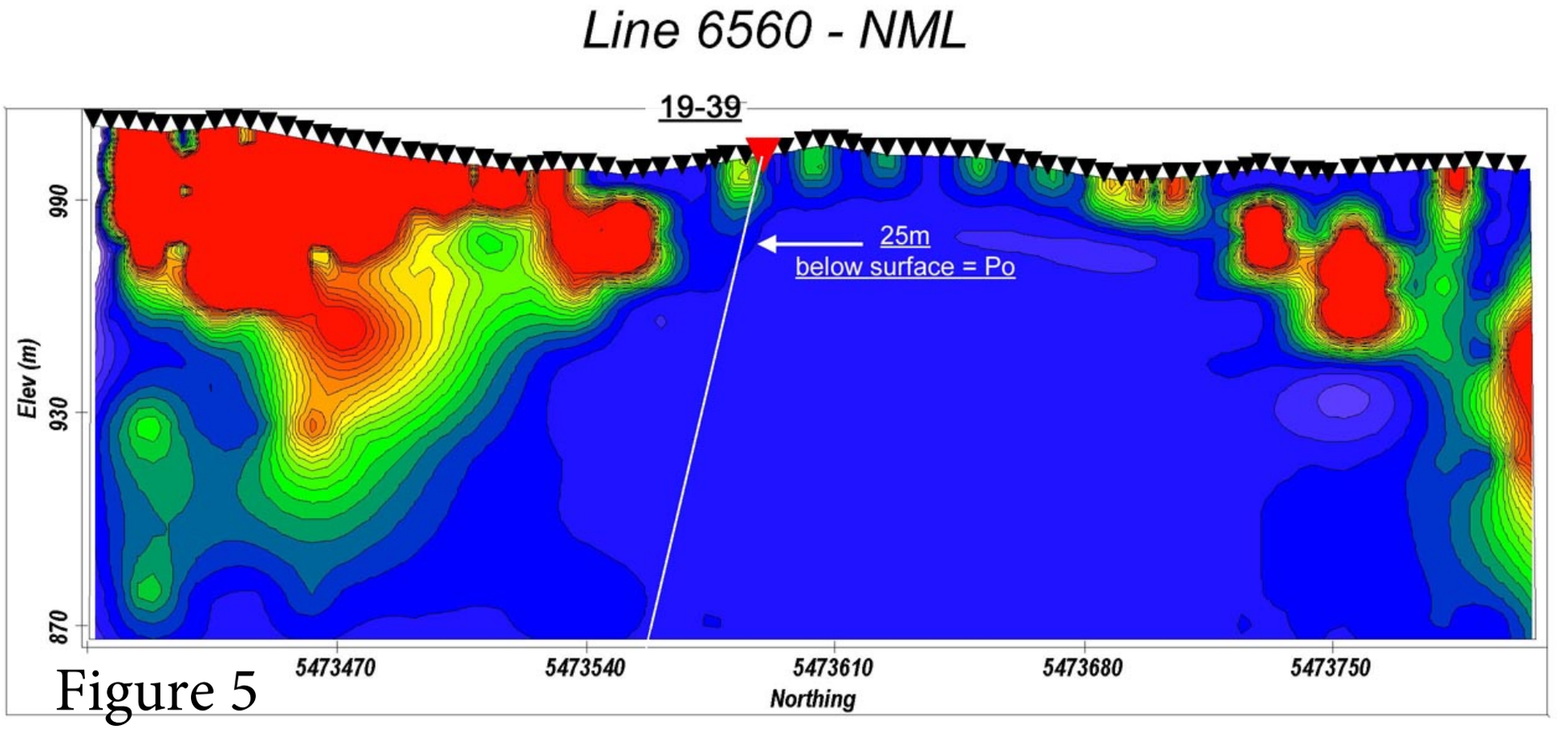
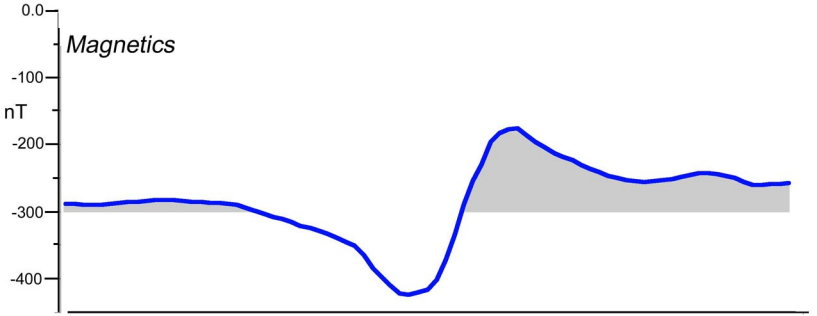
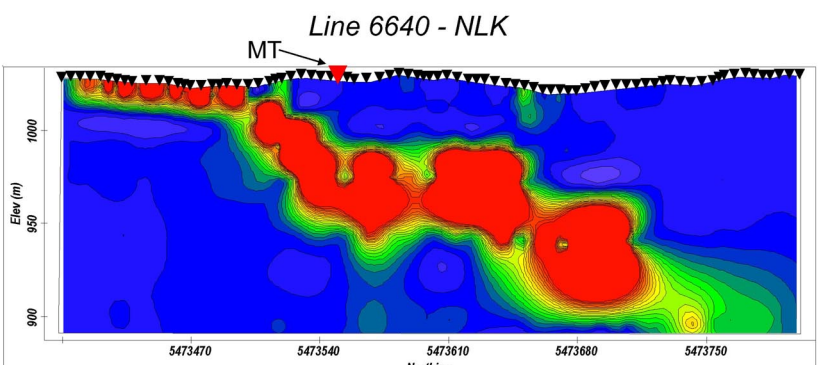

Line 6560 - NML
19-39
25m
below surface = Po
Elev (m)
990
930
870
5473470
5473540
5473610
5473680
5473750
Northing

Figure 5


Magnetics
nT
0.0
-100
-200
-300
-400


Line 6640 - NLK
MT
Elev (m)
1000
950
900
5473470
5473540
5473610
5473680
5473750
Northing

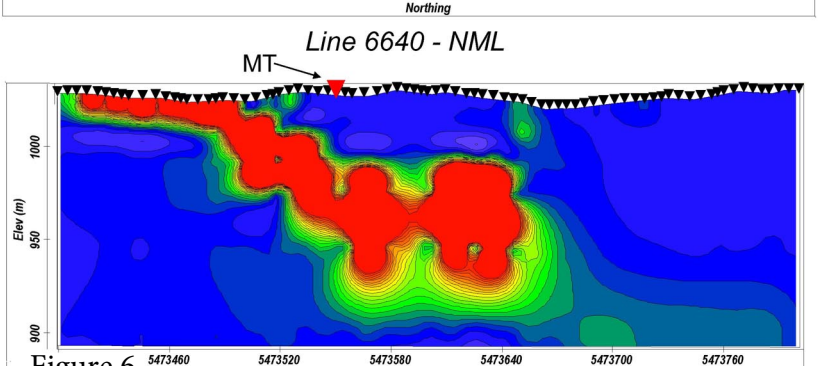

Line 6640 - NML
MT
Elev (m)
1000
950
900
5473460
5473520
5473580
5473640
5473700
5473760
Northing

Figure 6

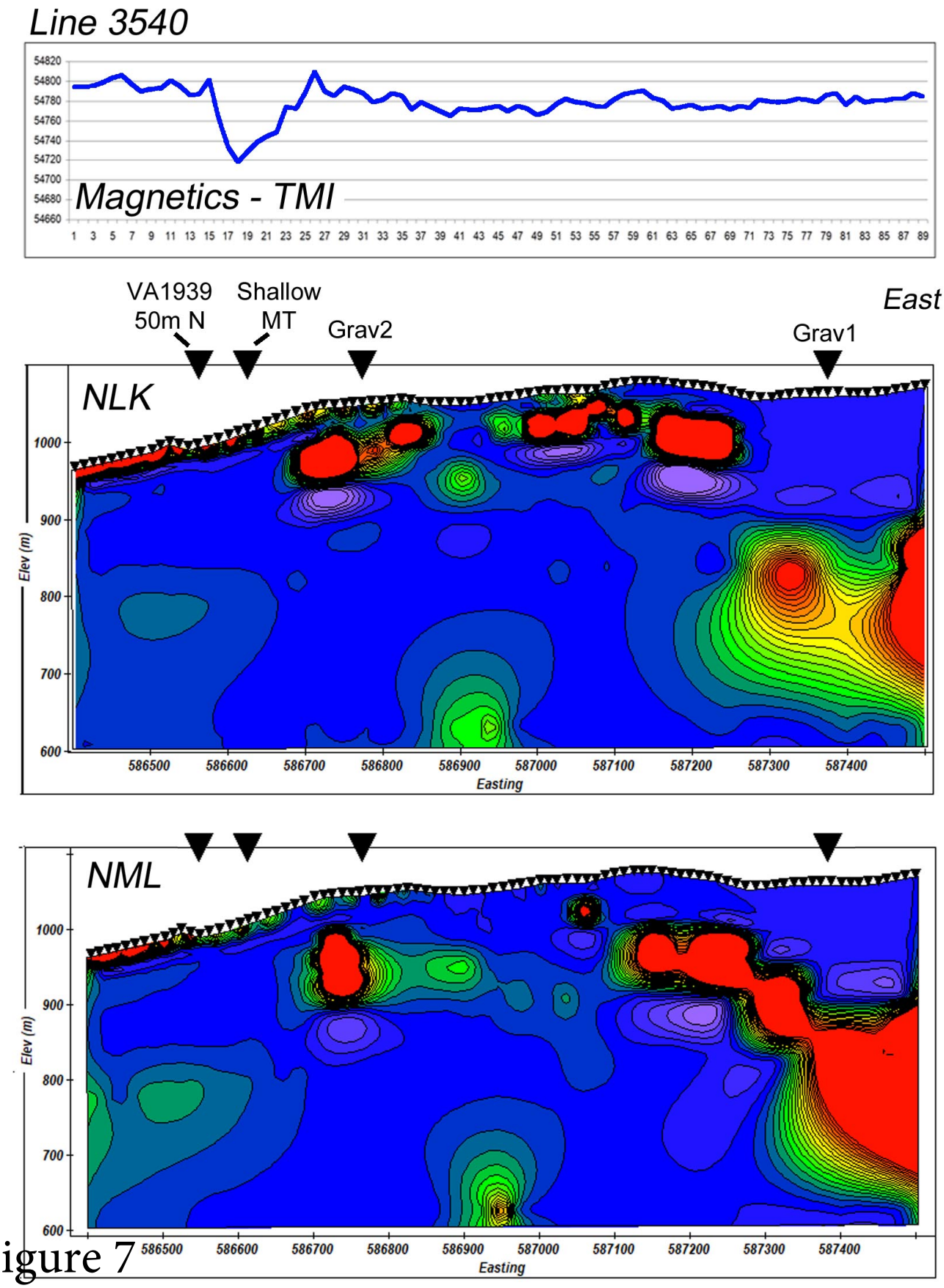

Line 3540
Magnetics - TMI
VA1939
50m N
Shallow
MT
Grav2
Grav1
East
NLK
NML
Elev (m)
Easting

Figure 7

Appendix 7: Magnetometer, VLF-EM raw data

project	waypoint	easting	northing	elevation	srid	date
2018 Vine	9 0	586881	5474376	1049	26911	5/24/2018 9:08
2018 Vine	9 50	586939	5474375	1056	26911	5/24/2018 9:14
2018 Vine	9 100	586990	5474376	1064	26911	5/24/2018 9:19
2018 Vine	9 150	587041	5474377	1071	26911	5/24/2018 9:24
2018 Vine	9 200	587089	5474389	1079	26911	5/24/2018 9:29
2018 Vine	9 250	587140	5474382	1089	26911	5/24/2018 9:33
2018 Vine	9 300	587187	5474381	1095	26911	5/24/2018 9:35
2018 Vine	9 350	587242	5474388	1107	26911	5/24/2018 9:40
2018 Vine	9 400	587292	5474384	1119	26911	5/24/2018 9:43
2018 Vine	9 450	587335	5474385	1111	26911	5/24/2018 9:46
2018 Vine	9 500	587396	5474390	1124	26911	5/24/2018 9:52
2018 Vine	9 550	587442	5474391	1130	26911	5/24/2018 9:55
2018 Vine	9 600	587488	5474388	1149	26911	5/24/2018 10:00
2018 Vine	9 625	587515	5474388	1157	26911	5/24/2018 10:02
2018 Vine	10	586910	5474377	1051	26911	5/24/2018 9:12
2018 Vine	10 0	587520	5474338	1154	26911	5/24/2018 10:33
2018 Vine	10 50	587479	5474339	1144	26911	5/24/2018 10:36
2018 Vine	10 100	587422	5474339	1131	26911	5/24/2018 10:42
2018 Vine	10 150	587368	5474336	1122	26911	5/24/2018 10:48
2018 Vine	10 200	587322	5474332	1116	26911	5/24/2018 10:50
2018 Vine	10 250	587276	5474334	1122	26911	5/24/2018 10:57
2018 Vine	10 300	587220	5474336	1109	26911	5/24/2018 11:00
2018 Vine	10 350	587176	5474335	1098	26911	5/24/2018 11:03
2018 Vine	10 400	587124	5474336	1090	26911	5/24/2018 11:08
2018 Vine	10 450	587075	5474333	1086	26911	5/24/2018 11:10
2018 Vine	10 500	587024	5474329	1076	26911	5/24/2018 11:14
2018 Vine	10 550	586978	5474325	1068	26911	5/24/2018 11:19
2018 Vine	10 600	586925	5474323	1059	26911	5/24/2018 11:22
2018 Vine	10 650	586881	5474321	1050	26911	5/24/2018 11:26
2018 Vine	11	586963	5474379	1059	26911	5/24/2018 9:17
2018 Vine	11 0	586880	5474280	1050	26911	5/24/2018 11:59
2018 Vine	11 50	586920	5474281	1059	26911	5/24/2018 12:02
2018 Vine	11 100	586972	5474281	1065	26911	5/24/2018 12:08
2018 Vine	11 150	587018	5474277	1073	26911	5/24/2018 12:11
2018 Vine	11 200	587069	5474279	1078	26911	5/24/2018 12:13
2018 Vine	11 250	587118	5474281	1083	26911	5/24/2018 12:16
2018 Vine	11 300	587169	5474281	1091	26911	5/24/2018 12:19
2018 Vine	11 350	587218	5474283	1103	26911	5/24/2018 12:23
2018 Vine	11 400	587270	5474289	1112	26911	5/24/2018 12:27
2018 Vine	11 450	587320	5474288	1105	26911	5/24/2018 12:30
2018 Vine	11 500	587368	5474285	1118	26911	5/24/2018 12:36
2018 Vine	11 550	587427	5474291	1119	26911	5/24/2018 12:40
2018 Vine	11 600	587470	5474287	1130	26911	5/24/2018 12:44
2018 Vine	11 625	587496	5474287	1137	26911	5/24/2018 12:47
2018 Vine	11 650	587523	5474290	1145	26911	5/24/2018 12:49
2018 Vine	12 0	587517	5474240	1144	26911	5/24/2018 13:16
2018 Vine	12 50	587480	5474236	1133	26911	5/24/2018 13:19
2018 Vine	12 100	587427	5474237	1123	26911	5/24/2018 13:23
2018 Vine	12 150	587380	5474235	1125	26911	5/24/2018 13:27
2018 Vine	12 200	587332	5474232	1122	26911	5/24/2018 13:30
2018 Vine	12 250	587290	5474230	1114	26911	5/24/2018 13:32
2018 Vine	12 300	587232	5474229	1110	26911	5/24/2018 13:36
2018 Vine	12 350	587182	5474233	1098	26911	5/24/2018 13:40
2018 Vine	12 400	587133	5474227	1090	26911	5/24/2018 13:43
2018 Vine	12 450	587082	5474231	1082	26911	5/24/2018 13:47
2018 Vine	12 500	587030	5474229	1078	26911	5/24/2018 13:50
2018 Vine	12 550	586985	5474227	1068	26911	5/24/2018 13:54
2018 Vine	12 600	586930	5474224	1059	26911	5/24/2018 14:03
2018 Vine	12 650	586880	5474230	1051	26911	5/24/2018 14:05
2018 Vine	13	587013	5474381	1066	26911	5/24/2018 9:22
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2019 Vine	818	586798	5473520	1057	26911	5/10/2019 13:48
2019 Vine	819	586802	5473500	1060	26911	5/10/2019 13:49
2019 Vine	820	586805	5473480	1060	26911	5/10/2019 13:50
2019 Vine	821	586802	5473461	1060	26911	5/10/2019 13:51
2019 Vine	822	586800	5473440	1058	26911	5/10/2019 13:51
2019 Vine	823	586801	5473419	1056	26911	5/10/2019 13:52
2019 Vine	824	586800	5473399	1057	26911	5/10/2019 13:53
2019 Vine	825	586821	5473401	1054	26911	5/10/2019 13:54
2019 Vine	826	586823	5473420	1056	26911	5/10/2019 13:56
2019 Vine	827	586820	5473443	1057	26911	5/10/2019 13:57
2019 Vine	828	586824	5473461	1058	26911	5/10/2019 13:58
2019 Vine	829	586822	5473481	1059	26911	5/10/2019 14:00
2019 Vine	830	586819	5473502	1060	26911	5/10/2019 14:01
2019 Vine	831	586821	5473521	1058	26911	5/10/2019 14:02
2019 Vine	832	586818	5473539	1057	26911	5/10/2019 14:03
2019 Vine	833	586823	5473560	1056	26911	5/10/2019 14:06
2019 Vine	834	586823	5473580	1057	26911	5/10/2019 14:09
2019 Vine	835	586819	5473601	1055	26911	5/10/2019 14:11
2019 Vine	836	586819	5473621	1055	26911	5/10/2019 14:12
2019 Vine	837	586819	5473641	1056	26911	5/10/2019 14:12
2019 Vine	838	586820	5473660	1055	26911	5/10/2019 14:13
2019 Vine	839	586820	5473681	1055	26911	5/10/2019 14:14
2019 Vine	840	586821	5473701	1057	26911	5/10/2019 14:16
2019 Vine	841	586820	5473720	1057	26911	5/10/2019 14:17
2019 Vine	842	586824	5473738	1059	26911	5/10/2019 14:18
2019 Vine	843	586822	5473760	1058	26911	5/10/2019 14:19
2019 Vine	844	586820	5473781	1059	26911	5/10/2019 14:20
2019 Vine	845	586820	5473802	1058	26911	5/10/2019 14:22
2019 Vine	BASESTATION	586522	5473719	990	26911	5/6/2019 9:16
2019 Vine	SOUTH BASE	586447	5472756	978	26911	5/6/2019 14:42

project	line	station	nt	sq	cor_nt	time	ch1	ip_ch1	op_ch1	h1_ch1	h2_ch1	pt_ch1	ch2	ip_ch2	op_ch2	h1_ch2	h2_ch2	pt_ch2	ch3	ip_ch3	op_ch3	h1_ch3	h2_ch3	pt_ch3
2018 Vine	06800E	06900.00N	55101.34	99	54614.79	92044	24	16.9	10.8	86	34	1.48	24.8	9.6	12	88	26	22.64	25.2	19.7	4.8	63	27	8.43
2018 Vine	06800E	06887.50N	55105.4	99	54619.09	92156	24	0	10.2	44	11	0.73	24.8	-4.3	12.1	87	26	22.59	25.2	3.9	9.2	60	26	7.99
2018 Vine	06800E	03250.00N	55094.63	99	54608.4	92256	24	-23.7	-2.3	94	24	0.77	24.8	-28.6	-4	79	30	20.9	25.2	-30.5	5.5	52	29	7.25
2018 Vine	06800E	03237.50N	55095.01	99	54609.14	92356	24	-32	-3.7	85	42	0.76	24.8	-31.6	-5.5	78	31	20.91	25.2	-37	5.1	48	27	6.72
2018 Vine	06800E	03225.00N	55100.18	99	54614.37	92514	24	-71.4	-1.9	69	56	0.71	24.8	-72.1	-7.7	56	38	16.67	25.2	-79	24.1	60	64	5.38
2018 Vine	06800E	03212.50N	55096.24	99	54610.37	92638	24	-39.2	-6.2	83	65	0.84	24.8	-39.5	-9.6	58	38	17.1	25.2	-47.2	10.3	56	61	5.09
2018 Vine	06800E	03200.00N	55094.75	99	54609.23	92832	24	-62.8	-7	57	40	0.56	24.8	-47.2	-9.9	56	33	16.24	25.2	-50.4	11.1	60	62	5.28
2018 Vine	06800E	03187.50N	55097.13	99	54611.64	92926	24	-52.6	-3.9	67	37	0.6	24.8	-45.7	-7.2	62	29	16.93	25.2	-47.3	9.8	73	59	5.71
2018 Vine	06800E	03175.00N	55103.21	99	54618.07	93014	24	-17.1	-15.4	24	1	0.19	24.8	-42.2	-8.8	55	34	15.99	25.2	-42.8	7.2	51	60	4.79
2018 Vine	06800E	03162.50N	55102.43	99	54617.2	93126	24	-53.7	-8.5	80	84	0.46	24.8	-46.1	-9.7	39	34	12.95	25.2	-53.2	20.2	31	60	4.09
2018 Vine	06800E	03150.00N	55102.29	99	54617.1	93226	24	-33	-8.7	72	84	0.44	24.8	-37	-5	84	74	13.8	25.2	-30.8	14.3	29	58	3.97
2018 Vine	06800E	03137.50N	55091.18	99	54605.75	93320	24	-2.5	-1.5	127	125	0.71	24.8	0.3	-1.5	113	62	15.95	25.2	-2.6	1.5	62	58	5.19
2018 Vine	06800E	03125.00N	55091.38	99	54606.15	93444	24	-44.4	2.3	83	68	0.86	24.8	-53.1	-0.4	97	68	14.66	25.2	-18.8	10.3	41	63	4.61
2018 Vine	06800E	03112.50N	55086.67	99	54601.53	93538	24	-8	0	81	70	0.85	24.8	-21.9	-0.7	97	70	14.81	25.2	-19.8	9.2	42	63	4.63
2018 Vine	06800E	03100.00N	55074.6	99	54589.72	93626	24	-25.1	4.3	49	65	0.65	24.8	-22.1	1.8	77	76	13.38	25.2	-11.8	14.3	24	63	4.1
2018 Vine	06800E	03087.50N	55089.79	99	54604.95	93726	24	-22.6	10.5	56	56	0.63	24.8	-23.5	6	79	78	13.75	25.2	-11.3	22.4	18	60	3.82
2018 Vine	06800E	03075.00N	55094.66	99	54609.68	93838	24	-0.3	8	67	56	0.69	24.8	-0.4	6.9	104	76	15.9	25.2	-1.5	8.1	65	68	5.74
2018 Vine	06800E	03062.50N	55089.99	99	54605.26	93932	24	-14.8	6.7	81	63	0.82	24.8	-8	5.1	127	72	18.06	25.2	-25.9	15.3	67	68	5.81
2018 Vine	06800E	03050.00N	55088.6	99	54603.62	94044	24	-22.8	6.2	61	39	0.57	24.8	7	3.8	62	38	18.08	25.2	-4.3	9	60	66	5.42
2018 Vine	06800E	03037.50N	55085.32	99	54600.86	94144	24	-19.8	4.3	73	51	0.71	24.8	-16.1	2	58	43	17.99	25.2	-21.3	12.6	49	68	5.13
2018 Vine	06800E	03025.00N	55088.43	99	54604.25	94338	24	-52.3	0.9	125	99	1.27	24.8	-30.2	-3.2	64	41	18.93	25.2	-36.3	12.1	46	62	4.68
2018 Vine	06800E	03012.50N	55087.56	99	54603.5	94456	24	-48.3	-7.7	81	56	1.56	24.8	-59.7	-9.6	70	37	19.59	25.2	-51.3	6.6	80	66	6.33
2018 Vine	06800E	03000.00N	55093.26	99	54608.83	94702	24	-46.1	-16.9	51	63	1.29	24.8	-41.2	-22	46	43	15.65	25.2	-87.1	23.6	32	48	3.54
2018 Vine	06800E	02987.50N	55096.92	99	54612.16	94802	24	-36.7	-20.2	72	53	1.42	24.8	-32.4	-20.5	123	74	17.71	25.2	-59.3	-5.6	59	60	5.13
2018 Vine	06800E	02975.00N	55094.02	99	54609.15	94902	24	-34	-17.5	80	48	1.49	24.8	-25.7	-17.9	70	27	18.57	25.2	-40.3	-8.7	86	57	6.26
2018 Vine	06800E	02962.50N	55087.35	99	54602.5	95002	24	-39.5	-20.1	64	49	1.3	24.8	-38	-20.3	57	32	16.36	25.2	-68.3	-2.8	52	59	4.79
2018 Vine	06800E	02950.00N	55073.42	99	54589	95120	24	-87.8	-14.8	49	46	1.08	24.8	-62.1	-21.7	41	33	13.04	25.2	-107.1	31.5	15	34	2.29
2018 Vine	06800E	02937.50N	55077.6	99	54593.98	95244	24	-48.3	-12.1	68	56	1.41	24.8	-47.3	-13.9	95	59	13.84	25.2	-63.9	4	73	115	4.13
2018 Vine	06800E	02925.00N	55074.27	99	54590.91	95338	24	-47.1	-10.4	65	54	1.36	24.8	-38.3	-11.6	91	55	13.16	25.2	-48.9	1.2	67	111	3.95
2018 Vine	06800E	02912.50N	55083.34	99	54600.54	95508	24	-43.1	-3.9	69	56	1.41	24.8	-40	-5.7	86	59	12.91	25.2	-47.5	11.4	62	112	3.88
2018 Vine	06800E	02900.00N	55077.77	99	54595.14	95602	24	-37.1	-0.8	55	60	1.3	24.8	-33.1	-3	74	60	11.82	25.2	-38.5	11.6	35	105	3.35
2018 Vine	06800E	02887.50N	55072.22	99	54589.76	95708	24	-14.1	0	32	64	1.15	24.8	-22.2	-0.2	53	68	10.68	25.2	1.7	-1.1	23	-108	3.36
2018 Vine	06800E	02875.00N	55073.39	99	54591.01	95826	24	20.9	10.8	44	64	1.24	24.8	22.8	11.1	64	69	11.65	25.2	19	6.2	18	63	1.99
2018 Vine	06800E	02862.50N	55069.57	99	54586.85	95950	24	20.5	18.6	60	66	1.43	24.8	19.9	19.6	77	69	12.83	25.2	26.4	15.2	40	120	3.84
2018 Vine	06800E	02850.00N	55068.94	99	54585.36	100120	24	11.7	23	55	73	1.46	24.8	16.4	22.2	75	77	13.29	25.2	25.8	19.5	34	113	3.58
2018 Vine	06800E	02837.50N	55073.68	99	54589.5	100302	24	6.5	15.2	76	74	1.69	24.8	20.8	13.8	104	78	16.06	25.2	29.9	10.9	82	122	4.48
2018 Vine	06800E	02825.00N	55087.08	99	54603	100408	24	-6.3	6.7	79	76	1.75	24.8	-4.3	6.9	103	83	16.36	25.2	-7.3	16.8	38	56	4.13
2018 Vine	06800E	02812.50N	55089.88	99	54605.96	100544	24	-6.7	-1.3	116	60	2.08	24.8	-1.8	-1.8	127	66	17.7	25.2	-5.5	3.9	74	59	5.77
2018 Vine	06800E	02800.00N	55091.05	99	54607.06	100720	24	9.9	-2.6	83	74	1.78	24.8	11	-3.1	57	40	17.28	25.2	9.6	-4.2	42	59	4.41
2018 Vine	06800E	02787.50N	55074.23	99	54590.33	100814	24	-4.8	0.4	94	70	1.87	24.8	-0.2	0	63	36	18.05	25.2	3	0.7	59	63	5.25
2018 Vine	06800E	02775.00N	55076.72	99	54593.08	100938	24	-2.3	4.9	102	69	1.96	24.8	6.1	3.6	68	35	19.04	25.2	10.1	2.5	66	63	5.54
2018 Vine	06800E	02762.50N	55079.71	99	54596.12	101044	24	5	4.8	96	73	1.93	24.8	11.6	4.3	64	38	18.57	25.2	14	2	62	63	5.37
2018 Vine	06800E	02750.00N	55089.08	99	54605.47	101150	24	9.3	2.8	87	80	1.89	24.8	18	2.2	58	44	18.02	25.2	28.7	-5.2	46	65	4.87
2018 Vine	06800E	02737.50N	55086.86	99	54603.21	101244	24	-1.1	3	116	71	2.17	24.8	-6.9	2.6	70	40	20.05	25.2	6.6	2	70	72	6.1
2018 Vine	06800E	02725.00N	55084.34	99	54600.74	101414	24	-5.6	6.9	90	90	2.02	24.8	-6.2	5.6	61	46	18.94	25.2	-6.4	14.2	45	74	5.27

2018 Vine	06800E	02712.50N	55086.05	99	54602.42	101502	24	-2.5	11.6	56	99	1.81	24.8	20.8	8.6	17	59	15.16	25.2	-3.7	17.2	65	62	5.49
2018 Vine	06800E	02700.00N	55077.54	99	54593.93	101632	24	-46.1	21.3	83	91	1.96	24.8	-48.8	16.2	57	49	18.57	25.2	-42.7	52.2	44	71	5.1
2018 Vine	06800E	02687.50N	55070.42	99	54586.91	101808	24	-73.4	30.5	54	81	1.56	24.8	-64.6	19.6	34	49	14.76	25.2	-28.9	106.2	20	36	2.52
2018 Vine	06800E	02675.00N	55071.18	99	54587.71	101932	24	-53.8	29.2	45	70	1.32	24.8	-34	17.9	52	103	14.29	25.2	76.3	195.3	28	-9	0.89
2018 Vine	06800E	02662.50N	55082.12	99	54598.63	102620	24	-43.3	20.5	124	51	2.13	24.8	-48	18	127	49	16.87	25.2	-54.2	50.9	127	115	5.22
2018 Vine	06800E	02650.00N	55076.2	99	54592.73	102720	24	-74.8	22.5	54	24	1.88	24.8	-50.6	14.3	70	27	18.5	25.2	-43.4	38.3	82	58	6.11
2018 Vine	06800E	02637.50N	55078.4	99	54594.97	102820	24	-40.4	18.8	50	27	1.82	24.8	-36.7	13.7	64	30	17.48	25.2	-34.9	36	72	62	5.8
2018 Vine	06800E	02625.00N	55077.84	99	54594.47	102944	24	-53.8	20.1	46	27	1.71	24.8	-43.5	13.6	61	30	16.91	25.2	-45	37.9	62	58	5.17
2018 Vine	06800E	02612.50N	55080.26	99	54596.83	103032	24	-40.2	19.8	88	59	1.69	24.8	-31.4	14.4	58	31	16.21	25.2	-39.4	39.6	55	59	4.91
2018 Vine	06800E	02600.00N	55076.73	99	54593.03	103250	24	-7.8	16.4	103	53	1.84	24.8	-23	14.1	66	27	17.56	25.2	-26.9	30.5	70	51	5.29
2018 Vine	06850E	02625.00N	55079.18	99	54596.29	104420	24	10.5	5.9	12	-1	0.19	24.8	8.9	12.2	52	36	15.79	25.2	1.3	25.2	46	64	4.83
2018 Vine	06850E	02637.50N	55087.47	99	54604.77	104556	24	15.8	6.2	46	3	0.18	24.8	9.6	15.1	53	36	15.98	25.2	14.9	25.9	49	64	4.9
2018 Vine	06850E	02650.00N	55068.98	99	54586.32	104720	24	10.5	0.1	44	0	0.17	24.8	-1.4	17.3	42	41	14.62	25.2	-20.6	44	29	59	4.03
2018 Vine	06850E	02662.50N	55081.04	99	54598.49	104826	24	8.9	1.2	42	5	0.17	24.8	0.7	13.5	103	81	16.26	25.2	-26.6	47.7	37	64	4.51
2018 Vine	06850E	02675.00N	55083.54	99	54601.32	104932	24	20.3	3	48	4	0.19	24.8	11.9	9.5	111	78	16.79	25.2	6.6	23	50	65	5.01
2018 Vine	06850E	02687.50N	55080.35	99	54598.24	105032	24	24.4	-4.2	49	7	0.19	24.8	-21.5	6.5	100	88	16.5	25.2	-46.3	48.8	31	63	4.31
2018 Vine	06850E	02700.00N	55087.34	99	54605.36	105132	24	12.2	1.5	48	11	0.19	24.8	8.7	5.8	121	106	19.85	25.2	-13.9	23.4	53	87	6.19
2018 Vine	06850E	02712.50N	55091.79	99	54609.71	105238	24	53.4	12.7	42	0	0.16	24.8	46.8	9.8	83	113	17.3	25.2	59.5	-16.7	19	71	4.51
2018 Vine	06850E	02725.00N	55093.37	99	54611.15	105402	24	21.9	5.7	42	6	0.17	24.8	27.3	5.7	87	103	16.65	25.2	36.8	-4.3	22	69	4.38
2018 Vine	06850E	02737.50N	55090.6	99	54608.5	105826	24	37.2	6	67	10	0.26	24.8	57.3	-7.5	127	45	16.68	25.2	43.5	-10.9	126	55	8.35
2018 Vine	06850E	02750.00N	55088.19	99	54606.66	110044	24	72.9	-10.4	127	127	0.71	24.8	47.8	-4.9	82	31	21.76	25.2	29.1	-8.7	51	30	7.27
2018 Vine	06850E	02762.50N	55094.49	99	54613.27	110156	24	49.7	-4.4	59	16	0.48	24.8	23.7	-4.5	95	18	23.93	25.2	24.4	-7.2	61	23	7.89
2018 Vine	06850E	02775.00N	55092.77	99	54611.54	110250	24	39.8	-7.4	127	126	1.42	24.8	10.6	-3	76	34	20.5	25.2	6.5	-0.3	44	32	6.59
2018 Vine	06850E	02787.50N	55091.77	99	54610.99	110438	24	57.2	-9.3	105	56	1.9	24.8	23.7	-5	76	32	20.41	25.2	34.4	-10.6	83	62	6.31
2018 Vine	06850E	02800.00N	55095.39	99	54614.93	110602	24	37.3	-8.6	87	69	1.77	24.8	46	-8.1	64	36	18.3	25.2	43.7	-18.5	52	67	5.18
2018 Vine	06850E	02812.50N	55095.71	99	54615.48	110708	24	38.9	-9	92	71	1.85	24.8	39.8	-8.6	62	38	18.1	25.2	37.9	-16	52	69	5.25
2018 Vine	06850E	02825.00N	55098.43	99	54618.43	110802	24	48.1	-10.8	110	62	2	24.8	43.7	-9.1	73	31	19.73	25.2	31.6	-11.1	77	67	6.19
2018 Vine	06850E	02837.50N	55096.74	99	54616.95	110920	24	33.8	-11.3	86	70	1.78	24.8	32.6	-9.9	60	39	17.81	25.2	33.1	-17.4	48	62	4.77
2018 Vine	06850E	02850.00N	55093.47	99	54613.96	111114	24	48.4	-11.4	86	67	1.73	24.8	40.1	-8.3	59	38	17.27	25.2	31.9	-15.9	49	60	4.73
2018 Vine	06850E	02862.50N	55092.68	99	54613.37	111208	24	37.2	-2.2	89	67	1.77	24.8	43.8	-2.4	60	36	17.27	25.2	44.3	-14.7	49	58	4.61
2018 Vine	06850E	02875.00N	55084.22	99	54605.03	111250	24	44.1	-4.3	84	62	1.67	24.8	34.1	-0.3	55	34	16.13	25.2	25.8	-5.2	46	59	4.55
2018 Vine	06850E	02887.50N	55087.87	99	54608.64	111350	24	41.9	0.1	94	56	1.74	24.8	35.8	2.3	62	27	16.76	25.2	41.4	-4.7	58	61	5.14
2018 Vine	06850E	02900.00N	55086.22	99	54607.28	111532	24	42.6	-2.7	109	39	1.84	24.8	33	-0.2	63	22	16.65	25.2	25.3	-0.6	46	58	4.52
2018 Vine	06850E	02912.50N	55082.92	99	54604.87	111732	24	10.1	-5.5	82	47	1.51	24.8	9.1	-3.5	54	24	14.73	25.2	0.8	-2.2	43	56	4.31
2018 Vine	06850E	02925.00N	55087.03	99	54608.99	111820	24	20.7	-17.5	64	52	1.32	24.8	15.2	-14.1	46	27	13.38	25.2	-1.7	-14.6	31	57	3.97
2018 Vine	06850E	02937.50N	55088.4	99	54610.7	111926	24	-0.3	-18.4	71	51	1.4	24.8	-0.3	-17.4	105	54	14.61	25.2	-12.3	-16.4	48	56	4.47
2018 Vine	06850E	02950.00N	55094.15	99	54616.67	112038	24	-11.4	-18.9	94	46	1.67	24.8	-9.5	-18.3	123	49	16.35	25.2	-27.9	-11.1	72	53	5.44
2018 Vine	06850E	02962.50N	55088.47	99	54611.17	112138	24	-23.3	-20	90	54	1.67	24.8	-31.1	-18.8	60	28	16.41	25.2	-60.8	-3.6	57	56	4.91
2018 Vine	06850E	02975.00N	55083.67	99	54606.79	112226	24	-36.5	-21	86	58	1.66	24.8	-41.6	-20.6	59	29	16.3	25.2	-72	-2	61	61	5.25
2018 Vine	06850E	02987.50N	55081.79	99	54605.34	112326	24	-32.8	-26.4	91	63	1.76	24.8	-23.3	-26	64	33	17.94	25.2	-63.1	-10.3	66	61	5.46
2018 Vine	06850E	03000.00N	55092.66	99	54616.57	112432	24	-31.1	-23.3	112	63	2.04	24.8	-36.1	-24.3	70	35	19.44	25.2	-76.9	-1.7	66	67	5.72
2018 Vine	06850E	03012.50N	55096.26	99	54620.39	112526	24	-20.2	-24.4	85	83	1.9	24.8	-28.5	-22.1	66	43	19.56	25.2	-77.7	8.7	51	72	5.35
2018 Vine	06850E	03025.00N	55101.06	99	54625.69	112626	24	7.9	-16.4	104	83	2.13	24.8	-12.5	-14.3	70	46	20.71	25.2	-13.5	-7.9	73	77	6.46
2018 Vine	06850E	03037.50N	55099.6	99	54624.47	112726	24	36.3	-11.6	106	81	2.13	24.8	13.6	-7.8	77	44	21.88	25.2	6.5	-6.8	71	75	6.31
2018 Vine	06850E	03050.00N	55097.31	99	54622.41	112826	24	31	-7.2	126	72	2.3	24.8	32.3	-6.5	77	40	21.65	25.2	38.3	-15.7	91	73	7.06
2018 Vine	06850E	03062.50N	55092.2	99	54617.64	112926	24	37.8	-3	43	38	1.85	24.8	31.9	-1.9	61	44	18.65	25.2	38.6	-13.7	57	69	5.44

2018 Vine	06850E	03075.00N	55092.33	99	54618.04	113002	24	59.4	-4.6	98	70	1.92	24.8	51.5	-1.9	71	38	19.93	25.2	39.7	-9.9	76	65	6.07
2018 Vine	06850E	03087.50N	55089.48	99	54615.53	113044	24	39.6	-1.9	103	65	1.93	24.8	20.8	0.2	67	38	19.11	25.2	25	-3.8	64	62	5.45
2018 Vine	06850E	03100.00N	55090.93	99	54617.27	113126	24	40.6	-4	97	65	1.86	24.8	31.9	-1.9	65	35	18.41	25.2	28.2	-5.8	66	65	5.64
2018 Vine	06850E	03112.50N	55093.22	99	54619.91	113208	24	30.2	-3.3	86	67	1.75	24.8	31.7	-3.1	59	36	17.13	25.2	31.6	-10.8	55	60	4.94
2018 Vine	06850E	03125.00N	55097.38	99	54624.33	113256	24	26.5	-3.3	87	66	1.74	24.8	16.9	-2.2	59	36	17.25	25.2	14.4	-2.3	54	59	4.87
2018 Vine	06850E	03137.50N	55098.91	99	54626.21	113344	24	24.3	-4.4	64	72	1.54	24.8	28	-3.4	47	41	15.56	25.2	16.5	-7.1	31	50	3.6
2018 Vine	06850E	03150.00N	55101.89	99	54629.54	113426	24	9.8	-3.9	77	70	1.65	24.8	14.7	-5.9	112	77	16.84	25.2	10.2	-4	48	60	4.69
2018 Vine	06850E	03162.50N	55094.45	99	54622.18	113520	24	6.9	-6.8	95	62	1.81	24.8	19.8	-10	115	76	16.98	25.2	12.2	-9.8	50	61	4.8
2018 Vine	06850E	03175.00N	55085.19	99	54613.34	113608	24	6.7	-10.2	95	67	1.85	24.8	18.1	-12.8	126	75	18.16	25.2	9.5	-11.9	73	64	5.89
2018 Vine	06850E	03187.50N	55082.4	99	54610.82	113714	24	4	-9.2	85	73	1.79	24.8	3.1	-10	58	40	17.59	25.2	-16.4	2.8	48	63	4.85
2018 Vine	06850E	03200.00N	55086.84	99	54615.48	113756	24	-6.8	-6.9	88	73	1.81	24.8	-3.1	-8.9	64	42	18.99	25.2	-19.6	0.7	50	65	5.01
2018 Vine	06850E	03212.50N	55092.04	99	54620.94	113838	24	-15	-7.6	80	77	1.76	24.8	-13.1	-10.6	57	42	17.53	25.2	-33.7	8	47	68	5.03
2018 Vine	06850E	03225.00N	55095.56	99	54624.58	113914	24	3.5	-12.4	83	79	1.83	24.8	-7.4	-12.8	57	42	17.61	25.2	-29.9	3	45	69	5.02
2018 Vine	06850E	03237.50N	55095.86	99	54625.2	114002	24	-8.5	-11.4	101	75	2	24.8	-6.9	-12.8	64	43	19.16	25.2	-19.8	-1.5	54	69	5.36
2018 Vine	06850E	03250.00N	55086.78	99	54616.6	114056	24	-24.6	-14.3	103	76	2.05	24.8	-23.3	-16.5	71	41	20.27	25.2	-43.1	1.5	74	75	6.39
2018 Vine	06850E	03262.50N	55083.84	99	54614.17	114214	24	-34	-12.4	109	83	2.18	24.8	-32.7	-15.7	73	44	21.05	25.2	-49.5	3.3	73	71	6.19
2018 Vine	06850E	03275.00N	55091.16	99	54621.81	114308	24	-9.6	-12	119	80	2.28	24.8	-16.2	-13.8	77	44	22.02	25.2	-25.7	-1.3	81	74	6.67
2018 Vine	06850E	03287.50N	55083.96	99	54614.63	114402	24	-0.8	-11.3	110	88	2.24	24.8	0	-13.4	77	46	22.14	25.2	-14.7	-4.4	82	76	6.8
2018 Vine	06850E	03300.00N	55078.35	99	54609.52	114450	24	19.5	-10.4	108	85	2.19	24.8	15	-12	70	47	20.99	25.2	18.1	-13.7	69	72	6.06
2018 Vine	06900E	03325.00N	55068.55	99	54604.33	122538	24	-82.4	-10.7	23	-3	0.36	24.8	-15.4	-3.9	65	43	19.42	25.2	-28.7	8.7	70	68	5.94
2018 Vine	06900E	03312.50N	55072.03	99	54607.69	122708	24	-62	-9.6	24	-4	0.39	24.8	-26.1	-2.1	70	43	20.25	25.2	-34.4	14.4	66	70	5.88
2018 Vine	06900E	03300.00N	55068.35	99	54604.15	122808	24	-63.8	-4	127	127	1.43	24.8	-42.2	-4.2	64	42	19.11	25.2	-52.4	18	64	69	5.7
2018 Vine	06900E	03287.50N	55076.38	99	54612.27	122850	24	-41.1	-2.3	126	93	2.5	24.8	-38.3	-4.8	71	39	20.22	25.2	-53.8	15	72	69	6.08
2018 Vine	06900E	03275.00N	55067.12	99	54603.08	122932	24	-25.3	-3.7	56	46	2.33	24.8	-19.5	-6.5	62	42	18.64	25.2	-34.4	7.8	56	72	5.55
2018 Vine	06900E	03262.50N	55064.22	99	54600.19	123014	24	-18.4	-3.7	60	44	2.39	24.8	-43.8	-2.7	61	40	18.07	25.2	-64.4	22.3	64	69	5.73
2018 Vine	06900E	03250.00N	55068.95	99	54604.87	123108	24	-39.8	3.8	81	29	2.75	24.8	-42.8	1.4	67	36	18.91	25.2	-51.8	26	53	67	5.2
2018 Vine	06900E	03237.50N	55061.08	99	54597.32	123738	24	-51.5	2.2	37	34	1.61	24.8	-51.9	-0.4	55	40	16.84	25.2	-77.9	38.2	51	66	5.08
2018 Vine	06900E	03225.00N	55069.73	99	54605.95	123920	24	-57.4	5.4	96	92	2.13	24.8	-55.3	1.3	52	39	16.21	25.2	-58.3	34.3	41	62	4.55
2018 Vine	06900E	03212.50N	55069.11	99	54605.66	124020	24	-74.2	-10.8	21	-5	0.34	24.8	-33.4	-0.2	53	39	16.33	25.2	-37.8	23.4	40	62	4.52
2018 Vine	06900E	03200.00N	55067.7	99	54604.22	124202	24	-34.6	2.5	96	92	2.12	24.8	-24.8	-0.3	47	40	15.39	25.2	-34.8	26.5	31	56	3.93
2018 Vine	06900E	03187.50N	55079.42	99	54615.81	124302	24	-21.7	2.4	125	84	2.4	24.8	-12.7	1.5	125	72	17.79	25.2	-25.9	13.5	65	63	5.54
2018 Vine	06900E	03175.00N	55077.09	99	54613.44	124356	24	-22.1	3.5	47	45	2.07	24.8	-8.8	1.3	50	41	15.96	25.2	-16.3	16.3	36	60	4.26
2018 Vine	06900E	03162.50N	55073.95	99	54610.32	124444	24	-18.7	7.7	99	94	2.18	24.8	-13.9	4.6	54	40	16.65	25.2	-12.2	20.3	41	59	4.36
2018 Vine	06900E	03150.00N	55069.14	99	54605.3	124538	24	-19.4	6.2	120	89	2.38	24.8	-15.4	4.6	64	37	18.36	25.2	-27.5	21.4	62	62	5.33
2018 Vine	06900E	03137.50N	55072.01	99	54608.17	124620	24	-21.8	6.4	124	90	2.44	24.8	-18.6	4.9	65	37	18.67	25.2	-25	19.6	60	61	5.2
2018 Vine	06900E	03125.00N	55068.91	99	54604.95	124702	24	-24.9	5.9	53	45	2.21	24.8	-22.1	4.8	57	41	17.44	25.2	-28	26	45	56	4.39
2018 Vine	06900E	03112.50N	55067.62	99	54604.11	124850	24	-8.3	2.1	45	46	2.06	24.8	-10.3	2.9	49	44	16.41	25.2	-22.5	22.5	38	47	3.67
2018 Vine	06900E	03100.00N	55067.32	99	54603.99	124938	24	-30.3	8.2	63	66	1.46	24.8	-27.7	6.9	96	90	16.24	25.2	-13.7	21.5	82	95	3.82
2018 Vine	06900E	03087.50N	55069.65	99	54606.35	125202	24	-28.4	7	119	96	2.43	24.8	-30.4	6.1	122	86	18.44	25.2	-7.5	8.7	103	112	4.61
2018 Vine	06900E	03075.00N	55067.79	99	54604.42	125302	24	-32.4	6.9	101	104	2.3	24.8	-13.5	1.3	55	44	17.34	25.2	-11.1	9.3	83	103	4.01
2018 Vine	06900E	03062.50N	55064.59	99	54601.35	125402	24	-27.4	4.1	127	88	2.46	24.8	-29.7	2.8	77	34	20.84	25.2	-22.1	12.9	127	124	5.4
2018 Vine	06900E	03050.00N	55070.58	99	54607.63	125556	24	-77.1	-10.4	11	-5	0.41	24.8	-36.8	3.5	48	47	16.68	25.2	-22.1	18.8	39	59	4.3
2018 Vine	06900E	03037.50N	55066.64	99	54603.68	125702	24	-51.5	1.9	79	104	2.08	24.8	-49.9	0.1	87	99	16.32	25.2	-72	82.4	25	34	2.58
2018 Vine	06900E	03025.00N	55059.43	99	54596.48	125814	24	-49.9	-0.2	70	113	2.11	24.8	-50.6	-2.8	82	98	15.77	25.2	-76.2	76.8	49	68	2.55
2018 Vine	06900E	03012.50N	55060.85	99	54597.92	125902	24	-60.4	-1.3	81	67	1.67	24.8	-61	-2.5	112	85	17.31	25.2	-79.3	37.6	97	123	4.77
2018 Vine	06900E	03000.00N	55063.33	99	54600.47	130026	24	-75.6	-6.8	92	99	2.15	24.8	-77.4	-10.3	90	85	15.34	25.2	-128.6	79.5	28	45	3.25

2018 Vine	06900E	02987.50N	55062.88	99	54600.16	130156	24	-49.7	-19.7	46	31	0.89	24.8	-53.6	-18	87	80	14.62	25.2	-103.4	36.7	27	48	3.34
2018 Vine	06900E	02975.00N	55059.61	99	54596.71	130350	24	-79.8	-24.2	127	127	1.43	24.8	-66.5	-14.5	119	62	16.52	25.2	-101.1	15.1	49	56	4.56
2018 Vine	06900E	02962.50N	55051.69	99	54589.29	130526	24	-76.6	-28.8	64	78	1.62	24.8	-67.9	-28.7	77	66	12.61	25.2	-145.8	45.1	19	31	2.21
2018 Vine	06900E	02950.00N	55054.47	99	54591.93	130650	24	-36.3	-28.2	66	71	1.55	24.8	-22.7	-28.7	71	62	11.65	25.2	-62.9	-16.9	18	35	2.39
2018 Vine	06900E	02937.50N	55053.59	99	54590.71	130832	24	-9	-16.7	88	69	1.78	24.8	3	-16.4	90	56	13.07	25.2	-12	-18.1	66	104	3.74
2018 Vine	06900E	02925.00N	55064.82	99	54601.94	130932	24	-6.4	-7.7	87	75	1.82	24.8	-3.3	-7.6	89	59	13.19	25.2	1	-9.6	60	100	3.53
2018 Vine	06900E	02912.50N	55062.07	99	54599.24	131044	24	2.8	-5.1	84	77	1.81	24.8	-4.5	-1.3	91	63	13.65	25.2	-6.9	7	62	104	3.68
2018 Vine	06900E	02900.00N	55053.52	99	54590.71	131156	24	4.3	3	126	70	2.3	24.8	5	2.9	125	53	16.81	25.2	25.9	0.6	127	110	5.11
2018 Vine	06900E	02887.50N	55055.58	99	54592.67	131344	24	29.4	6.6	77	32	2.68	24.8	26.1	6.9	72	25	19.02	25.2	37	2.9	88	57	6.37
2018 Vine	06900E	02875.00N	55059.71	99	54596.96	131508	24	1.6	6.5	43	50	2.12	24.8	2.7	5.3	49	42	15.94	25.2	11.8	5.6	37	67	4.66
2018 Vine	06900E	02862.50N	55064.23	99	54601.61	131626	24	4.2	0.5	51	53	2.37	24.8	17.6	-0.4	99	92	16.76	25.2	27.3	-8.9	35	70	4.81
2018 Vine	06900E	02850.00N	55055.77	99	54592.95	131720	24	-8.6	5.7	32	55	2.02	24.8	19.9	1.5	71	102	15.37	25.2	33	-29.9	13	25	1.74
2018 Vine	06900E	02837.50N	55056.06	99	54593.48	131832	24	-15.9	6.2	63	49	2.54	24.8	-10.6	4.7	123	87	18.6	25.2	7.7	4.5	110	127	5.11
2018 Vine	06900E	02825.00N	55055.54	99	54592.82	131938	24	-19.6	9.8	82	41	2.92	24.8	-17.5	8.8	74	36	20.42	25.2	-7.6	15.5	76	69	6.25
2018 Vine	06900E	02812.50N	55051.55	99	54589.04	132108	24	-5	10.4	62	51	2.56	24.8	-6.6	9.8	60	43	18.3	25.2	1.3	13.2	52	74	5.52
2018 Vine	06900E	02800.00N	55056.43	99	54593.94	132156	24	-29.5	13.2	88	43	3.12	24.8	-16.2	10.8	84	35	22.64	25.2	-2.3	13.9	101	70	7.45
2018 Vine	06900E	02787.50N	55055.26	99	54592.93	132302	24	-22.8	10.5	108	18	3.5	24.8	-20.3	9.3	98	12	24.31	25.2	-16.1	15.8	127	45	8.21
2018 Vine	06900E	02775.00N	55057.58	99	54595.36	132408	24	-23.6	7.8	83	37	2.91	24.8	-22.9	5.8	80	30	21.07	25.2	-23.2	14.4	48	31	6.99
2018 Vine	06900E	02762.50N	55055.04	99	54592.85	132502	24	-21.2	10.5	82	38	2.87	24.8	-19.4	9	78	33	21.02	25.2	-11.1	15.3	82	67	6.43
2018 Vine	06900E	02750.00N	55055.44	99	54593.2	132550	24	-26.1	11.9	74	44	2.74	24.8	-25	10.9	68	35	19.11	25.2	-7.7	14.4	77	70	6.34
2018 Vine	06900E	02737.50N	55059.28	99	54597.02	132638	24	-13.8	12.8	70	45	2.65	24.8	-14.3	12.5	65	38	18.74	25.2	-7.6	19.2	63	64	5.51
2018 Vine	06900E	02725.00N	55059.45	99	54597.28	132720	24	-9.3	17.7	68	47	2.64	24.8	-9.7	16.2	65	39	18.85	25.2	-0.8	21.5	64	70	5.78
2018 Vine	06900E	02712.50N	55059.68	99	54597.62	132814	24	-27.6	20.7	72	47	2.74	24.8	-22.4	17.6	74	37	20.54	25.2	-11.6	23.3	87	72	6.89
2018 Vine	06900E	02700.00N	55060.69	99	54598.78	132938	24	-10.3	16.2	67	51	2.69	24.8	-0.5	14.5	60	43	18.33	25.2	-0.2	19.3	73	77	6.43
2018 Vine	06900E	02687.50N	55060.41	99	54598.54	133032	24	-29.9	23.5	44	52	2.19	24.8	-31	18.8	45	46	15.91	25.2	-20.5	56.6	29	58	3.96
2018 Vine	06900E	02675.00N	55053.97	99	54592.27	133232	24	-22.2	21.9	51	51	2.3	24.8	-13.2	17.4	102	92	16.99	25.2	-6.8	34.8	36	62	4.39
2018 Vine	06950E	02700.00N	55067.88	99	54608.69	140232	24	25.3	12.1	55	45	2.29	24.8	37	10.4	105	84	16.62	25.2	54.5	-8.3	38	58	4.25
2018 Vine	06950E	02712.50N	55066.93	99	54607.47	140332	24	61.9	6.5	45	46	2.06	24.8	54.8	8.5	89	82	14.92	25.2	62.9	-12.6	37	59	4.29
2018 Vine	06950E	02725.00N	55066.58	99	54606.96	140456	24	26	7.7	65	99	1.89	24.8	23.9	8.1	67	91	14.01	25.2	87.4	-74.1	13	4	0.88
2018 Vine	06950E	02737.50N	55064.32	99	54605	140702	24	28	5.4	76	102	2.03	24.8	27.4	5.8	83	89	15.09	25.2	47.5	-12	105	124	2.46
2018 Vine	06950E	02750.00N	55064.2	99	54605.18	140926	24	19.4	3.3	120	99	2.47	24.8	16.2	3.6	114	88	17.82	25.2	14.1	3.5	113	126	5.14
2018 Vine	06950E	02762.50N	55068.24	99	54609.05	141032	24	14.6	7.2	120	108	2.57	24.8	15.9	4.9	125	90	19.02	25.2	20	1.1	64	72	5.88
2018 Vine	06950E	02775.00N	55066.52	99	54607.17	141156	24	14.6	7.8	126	105	2.61	24.8	17.3	7.2	62	41	18.51	25.2	3	11.7	63	71	5.79
2018 Vine	06950E	02787.50N	55068.76	99	54609.41	141250	24	0.8	7.6	73	46	2.76	24.8	-1.2	6.5	70	39	19.93	25.2	3.5	7.6	80	75	6.68
2018 Vine	06950E	02800.00N	55061.99	99	54602.55	141456	24	34.9	12.7	31	20	1.2	24.8	10.7	7.9	52	47	17.27	25.2	11.7	6.7	43	73	5.16
2018 Vine	06950E	02812.50N	55065.26	99	54605.83	141602	24	45.2	3.9	104	112	2.44	24.8	34.1	5.2	59	42	18.04	25.2	30.2	-2.9	63	74	5.91
2018 Vine	06950E	02825.00N	55062.24	99	54602.71	141650	24	41.7	4.8	107	107	2.41	24.8	43.6	5	54	42	17.08	25.2	41.8	-9.4	44	74	5.22
2018 Vine	06950E	02837.50N	55062.51	99	54602.87	141738	24	36.4	2.2	107	110	2.45	24.8	31.4	4.1	49	47	16.76	25.2	15.3	-0.3	37	77	5.21
2018 Vine	06950E	02850.00N	55067.73	99	54608.36	141856	24	58.7	1.5	89	111	2.26	24.8	55	1.1	117	81	17.57	25.2	38.6	-7.3	89	72	6.97
2018 Vine	06950E	02862.50N	55068.06	99	54608.9	142002	24	52.7	0.3	88	57	1.68	24.8	49.1	0.7	127	75	18.27	25.2	48.4	-10.7	81	68	6.45
2018 Vine	06950E	02875.00N	55068.41	99	54609.11	142138	24	56.2	7.8	125	90	2.45	24.8	47.2	10.8	56	39	16.9	25.2	63.6	-0.7	53	68	5.25
2018 Vine	06950E	02887.50N	55070.65	99	54611.35	142314	24	83.6	-5.4	53	38	2.09	24.8	81	-0.5	52	34	15.33	25.2	69	-11.9	44	58	4.46
2018 Vine	06950E	02900.00N	55072.04	99	54612.76	142456	24	46.9	-13.7	49	40	2.02	24.8	53.3	-11.3	46	34	14.13	25.2	38.8	-22.9	33	54	3.87
2018 Vine	06950E	02912.50N	55073.4	99	54614.31	142620	24	51.2	-22.1	116	74	2.19	24.8	34.6	-16.1	121	59	16.61	25.2	22.5	-21.3	58	55	4.91
2018 Vine	06950E	02925.00N	55072.73	99	54613.62	142714	24	32.2	-25.4	107	79	2.12	24.8	14.4	-21.2	106	70	15.63	25.2	-6.6	-21.5	44	56	4.34
2018 Vine	06950E	02937.50N	55082.93	99	54623.9	142826	24	84.5	6.5	20	-5	0.32	24.8	19.6	-25.5	118	56	16.15	25.2	-2.4	-26.5	62	57	5.13

2018 Vine	06950E	02950.00N	55078.08	99	54619.15	142932	24	86.5	15.4	40	-15	0.34	24.8	30.9	-33.9	93	66	14.11	25.2	-9.1	-36.6	41	62	4.51
2018 Vine	06950E	02962.50N	55073.01	99	54613.91	143044	24	79.1	18.2	86	-29	0.36	24.8	11.6	-36.2	62	76	12.08	25.2	10	29.7	10	-57	3.54
2018 Vine	06950E	02975.00N	55070.08	99	54611	143156	24	70.9	16.7	84	-29	0.35	24.8	1.7	-40.3	63	79	12.56	25.2	-75.8	-16.2	15	28	1.96
2018 Vine	06950E	02987.50N	55066.69	99	54607.94	143326	24	1.6	-26.3	122	61	0.54	24.8	-37.1	-35.6	89	76	14.41	25.2	-75.7	-13.2	60	114	3.93
2018 Vine	06950E	03000.00N	55077.9	99	54618.91	143456	24	12.3	-20.2	70	34	0.62	24.8	-9.7	-28.7	99	86	16.22	25.2	-38.5	-20.7	81	116	4.32
2018 Vine	06950E	03012.50N	55067.42	99	54608.51	143614	24	28.3	-11.9	59	31	0.53	24.8	-8.9	-18.8	88	94	15.88	25.2	-55.1	15.3	74	99	3.75
2018 Vine	06950E	03025.00N	55067.47	99	54608.63	143720	24	3.7	-9	88	43	0.78	24.8	-23.1	-10.1	119	88	18.27	25.2	-33.2	3.2	122	124	5.28
2018 Vine	06950E	03037.50N	55066.95	99	54607.9	143808	24	22.5	-8.3	82	48	0.75	24.8	8.9	-9.3	125	87	18.85	25.2	-11.3	-3.3	55	63	5.14
2018 Vine	06950E	03050.00N	55061.78	99	54602.86	143914	24	41.4	-9.2	67	47	0.65	24.8	24.4	-8.7	52	45	17.07	25.2	12.2	-15.3	40	50	3.9
2018 Vine	06950E	03062.50N	55064.53	99	54605.35	144008	24	26.2	-10.1	82	45	0.74	24.8	14.4	-7.7	59	40	17.61	25.2	0.2	-5.8	55	60	4.97
2018 Vine	06950E	03075.00N	55066.86	99	54607.92	144050	24	24.4	-6.4	72	41	0.66	24.8	3.7	-8.2	52	43	16.78	25.2	-6.5	-4.3	41	54	4.13
2018 Vine	06950E	03087.50N	55064.43	99	54605.43	144132	24	27.2	-7	89	45	0.79	24.8	14.3	-8.3	63	39	18.34	25.2	0	-6.5	59	62	5.19
2018 Vine	06950E	03100.00N	55069.75	99	54610.55	144208	24	27.1	-8.6	92	61	0.88	24.8	8.3	-7.4	57	40	17.39	25.2	-2.5	-4.4	60	62	5.26
2018 Vine	06950E	03112.50N	55083.53	99	54624.61	144256	24	10.7	-7.5	120	67	1.09	24.8	-2.4	-7.1	72	36	19.88	25.2	-10	-1.1	82	67	6.45
2018 Vine	06950E	03125.00N	55002.35	99	54543.36	144332	24	-0.4	-3.4	117	73	1.09	24.8	-2.3	-4.5	68	38	19.25	25.2	-5.1	-0.4	70	64	5.8
2018 Vine	06950E	03137.50N	55052.37	99	54593.4	144414	24	29.4	-8.1	96	76	0.97	24.8	24.7	-8.6	51	44	16.82	25.2	9	-11.2	36	48	3.68
2018 Vine	06950E	03150.00N	55070.67	99	54611.49	144608	24	35.4	-6.9	117	73	1.1	24.8	19.7	-5.5	70	39	19.73	25.2	7	-5.3	98	118	4.64
2018 Vine	06950E	03162.50N	55085.28	99	54626.12	144656	24	46.5	-5.3	94	68	0.92	24.8	39.2	-5.6	57	42	17.7	25.2	37.6	-22.1	86	108	4.18
2018 Vine	06950E	03175.00N	55081.79	99	54622.45	144750	24	27.2	-4.6	127	66	1.14	24.8	21.3	-3.9	85	27	22.08	25.2	16.4	-4.8	127	120	5.32
2018 Vine	06950E	03187.50N	55082.75	99	54623.58	144844	24	29	-4.3	78	36	1.38	24.8	8.1	-2.2	73	35	20.07	25.2	5.6	1.9	81	63	6.23
2018 Vine	06950E	03200.00N	55087.3	99	54627.88	144932	24	18.9	-5.2	67	40	1.25	24.8	10.4	-5.3	67	38	19.07	25.2	5.6	-2.1	67	66	5.71
2018 Vine	06950E	03212.50N	55080.05	99	54620.75	145026	24	17.5	-8.6	59	42	1.15	24.8	7.9	-9.3	54	42	17.05	25.2	-2.1	-5.6	44	60	4.53
2018 Vine	06950E	03225.00N	55086.89	99	54627.56	145126	24	38	-12.2	90	54	1.67	24.8	0	-6.9	67	38	19.1	25.2	-14.5	1.5	69	64	5.72
2018 Vine	06950E	03237.50N	55086.03	99	54626.55	145220	24	33.7	-9.7	62	63	1.42	24.8	39	-8.7	58	41	17.71	25.2	30.6	-20	55	64	5.14
2018 Vine	06950E	03250.00N	55086.66	99	54626.97	145344	24	52.8	-11.9	83	62	1.65	24.8	35	-9.6	64	37	18.37	25.2	34.5	-21.2	67	64	5.65
2018 Vine	06950E	03262.50N	55088.02	99	54628.19	145514	24	3.7	-7.9	95	61	1.8	24.8	-0.4	-7.8	69	36	19.22	25.2	-8.6	-3.1	71	63	5.77
2018 Vine	06950E	03275.00N	55084.37	99	54624.44	145550	24	-1.5	-7.5	104	60	1.91	24.8	-17.6	-6.6	75	33	20.34	25.2	-39.6	10.1	80	63	6.21
2018 Vine	06950E	03287.50N	55080.44	99	54620.75	145708	24	22.6	-12.9	92	65	1.79	24.8	12	-11.1	66	38	19.04	25.2	10.8	-18.6	62	64	5.45
2018 Vine	06950E	03300.00N	55076.75	99	54617.14	145802	24	12.2	-10.2	98	62	1.84	24.8	-1	-9.6	68	37	19.14	25.2	-21.3	0.4	73	69	6.13
2018 Vine	06950E	03312.50N	55082.58	99	54622.5	145856	24	4.7	-10.8	99	65	1.89	24.8	-4.7	-10.3	71	42	20.42	25.2	-16.2	-4.8	69	68	5.93
2018 Vine	06950E	03325.00N	55084.22	99	54624.32	145944	24	10.6	-7.6	81	71	1.71	24.8	6.9	-8.6	59	46	18.56	25.2	-1.5	-9.1	47	62	4.75
2018 Vine	06950E	03337.50N	55083.15	99	54623.22	150026	24	15.4	-12	92	67	1.82	24.8	6	-11.8	67	42	19.48	25.2	-8.9	-10.6	58	65	5.29
2018 Vine	06950E	03350.00N	55087.85	99	54627.91	150108	24	18.9	-10.2	112	55	1.99	24.8	4.6	-10.1	82	33	21.88	25.2	-7.5	-8.3	90	67	6.85
2018 Vine	06950E	03362.50N	55081.44	99	54621.28	150208	24	16	-12.3	104	59	1.9	24.8	7.1	-11.5	73	39	20.61	25.2	-1.2	-15	75	59	5.8
2018 Vine	06950E	03375.00N	55078.37	99	54618.28	150308	24	9.3	-6.3	114	56	2.03	24.8	0.3	-6.6	81	35	21.87	25.2	-2.4	-7.1	88	60	6.47
2018 Vine	07000E	06900.00N	55108.43	99	55026.05	90738	24	-15.5	15.7	43	48	2.07	24.8	-1.9	13.1	29	96	12.45	25.2	3.2	13.7	-10	81	4.98
2018 Vine	07000E	06887.50N	55099.89	99	55017.79	90850	24	-0.6	16.1	55	112	1.99	24.8	-4.2	13.2	55	87	12.79	25.2	-0.6	14.4	-6	80	4.89
2018 Vine	07000E	03425.00N	55092.84	99	55010.82	90938	24	-32.5	-1.6	40	109	1.85	24.8	-27.9	-15.4	47	87	12.25	25.2	-14.6	-17.1	-12	78	4.81
2018 Vine	07000E	03412.50N	55093.68	99	55011.73	91108	24	-33.2	-3.6	69	110	2.07	24.8	-33.9	-14.3	77	80	13.81	25.2	-11.6	-16.9	20	77	4.82
2018 Vine	07000E	03400.00N	55090.12	99	55008.04	91256	24	-40.5	-13.9	13	-1	0.21	24.8	-26.2	-11.3	87	78	14.46	25.2	-3.6	-13.9	29	79	5.12
2018 Vine	07000E	03387.50N	55098.18	99	55016.02	91408	24	-15.8	-3.6	25	-1	0.2	24.8	-15.5	-5.7	97	70	14.78	25.2	8	-8.7	44	81	5.63
2018 Vine	07000E	03375.00N	55091.39	99	55009.23	91444	24	-30.8	-8	46	2	0.18	24.8	-16.2	-3.4	99	73	15.29	25.2	2.7	-5.1	40	79	5.43
2018 Vine	07000E	03362.50N	55087.96	99	55005.8	91532	24	-25.3	-3.6	48	1	0.19	24.8	-5.7	-0.1	100	78	15.67	25.2	12.3	-2.7	36	84	5.57
2018 Vine	07000E	03350.00N	55091.37	99	55009.42	91626	24	-18.3	-5.9	49	7	0.19	24.8	-17.8	-3.2	117	75	17.21	25.2	7.4	-4.2	61	84	6.32
2018 Vine	07000E	03337.50N	55088.01	99	55006.11	91720	24	-14.1	-4.5	43	0	0.17	24.8	-21.7	-14.1	82	88	14.83	25.2	-5.8	-16.7	16	92	5.69
2018 Vine	07000E	03325.00N	55091.25	99	55009.36	91832	24	-13.3	-9	42	1	0.16	24.8	-25.4	-14.8	74	86	14.04	25.2	-9.3	-16.1	10	88	5.4

2018 Vine	07000E	03312.50N	55092.07	99	55010.54	91944	24	-28.4	-11.7	49	6	0.19	24.8	-47.2	-13.2	106	73	15.95	25.2	-10.5	-11.9	53	81	5.89
2018 Vine	07000E	03300.00N	55095.25	99	55014.35	92156	24	-29.5	-11.6	45	0	0.17	24.8	-15.6	-13.1	83	85	14.68	25.2	-12.6	-13.7	25	86	5.43
2018 Vine	07000E	03287.50N	55093.68	99	55012.97	92308	24	-27.5	-13.2	44	1	0.17	24.8	-24.6	-10.7	101	77	15.74	25.2	-16.1	-9	43	79	5.45
2018 Vine	07000E	03275.00N	55090.66	99	55010.06	92356	24	-21.5	-6.5	45	-5	0.18	24.8	-39.5	-11.4	59	90	13.33	25.2	-24.3	-6.7	-2	81	4.94
2018 Vine	07000E	03262.50N	55082.91	99	55002.36	92438	24	-7.5	-2.9	47	4	0.19	24.8	-26.7	-2.1	108	75	16.24	25.2	-3.5	1.4	56	81	6
2018 Vine	07000E	03250.00N	55080.92	99	55000.37	92626	24	-12	-6.2	47	-1	0.19	24.8	-14.5	-0.9	80	85	14.45	25.2	-0.6	0.9	23	88	5.53
2018 Vine	07000E	03237.50N	55079.28	99	54998.91	92738	24	-18.9	-6.2	47	4	0.19	24.8	-31.5	-0.6	107	82	16.62	25.2	-6.1	2.9	49	84	5.92
2018 Vine	07000E	03225.00N	55072.2	99	54991.98	92838	24	-11.5	-0.8	49	5	0.19	24.8	-18.7	-1.2	120	76	17.58	25.2	-5.7	1.5	62	79	6.1
2018 Vine	07000E	03212.50N	55076.09	99	54996.01	93038	24	-18.4	-5.7	46	0	0.18	24.8	-13	-1.6	70	96	14.61	25.2	-11.5	0.4	7	86	5.27
2018 Vine	07000E	03200.00N	55085.9	96	55005.92	93156	24	-6.8	-0.8	42	-6	0.16	24.8	-25.7	-6.6	43	98	13.22	25.2	-25	-3.2	-16	85	5.27
2018 Vine	07000E	03187.50N	55081.73	99	55001.76	93250	24	-19.3	-8	44	4	0.17	24.8	-30.2	-3.4	103	80	16.17	25.2	-13.2	-0.5	46	78	5.49
2018 Vine	07000E	03175.00N	55083.94	99	55004.04	93344	24	-15.3	-6.7	43	2	0.17	24.8	-32	-5.6	77	86	14.35	25.2	-18.1	-2.3	28	85	5.49
2018 Vine	07000E	03162.50N	55078.2	99	54998.43	93444	24	-17.8	-7.3	43	0	0.17	24.8	-43.5	-5.8	78	84	14.14	25.2	-26.4	-0.9	21	83	5.24
2018 Vine	07000E	03150.00N	55076.61	99	54997.07	93614	24	-14.8	-6.2	44	4	0.17	24.8	-29.9	-2.7	94	81	15.4	25.2	-17.1	1	37	82	5.46
2018 Vine	07000E	03137.50N	55078.35	99	54998.76	93720	24	-20.5	-7.6	47	6	0.18	24.8	-21.9	-1	111	75	16.54	25.2	-10.3	1.5	59	80	6.03
2018 Vine	07000E	03125.00N	55077.98	99	54998.37	93832	24	-15.9	-7.2	45	2	0.18	24.8	-15.1	-4.1	80	89	14.84	25.2	-14.9	-3.2	21	84	5.28
2018 Vine	07000E	03112.50N	55078.79	99	54999.24	93956	24	-29.2	-15.7	49	6	0.19	24.8	-38.7	-7.2	113	82	17.3	25.2	-26.2	-3.4	50	77	5.6
2018 Vine	07000E	03100.00N	55080.84	99	55001.89	94126	24	-21.5	-5.2	44	7	0.17	24.8	-27.9	-8.3	94	84	15.64	25.2	-31.9	-6.5	32	81	5.33
2018 Vine	07000E	03087.50N	55079.44	99	55000.47	94220	24	-23.8	-12.8	45	5	0.18	24.8	-25.4	-11.6	93	82	15.32	25.2	-24.7	-11.1	37	81	5.4
2018 Vine	07000E	03075.00N	55076.99	99	54998.39	94356	24	-22.7	-9.6	43	3	0.17	24.8	-26.8	-13.5	78	85	14.24	25.2	-24.7	-13	17	82	5.1
2018 Vine	07000E	03062.50N	55073.65	99	54995.22	94444	24	-14.9	-12.8	50	4	0.19	24.8	-34.3	-12.5	113	72	16.51	25.2	-27.6	-11.4	54	75	5.61
2018 Vine	07000E	03050.00N	55077.9	99	54999.53	94520	24	-20.6	-13.4	47	3	0.18	24.8	-42.7	-16.3	101	77	15.64	25.2	-33.8	-14.6	41	78	5.33
2018 Vine	07000E	03037.50N	55077.72	99	54999.44	94602	24	-16.9	-12.8	45	1	0.18	24.8	-52.8	-22.7	86	80	14.59	25.2	-38.8	-19.5	26	80	5.15
2018 Vine	07000E	03025.00N	55072.41	99	54994.09	94650	24	-66.9	-34.7	126	98	0.63	24.8	-43.8	-23.4	113	55	15.51	25.2	-50.7	-29.7	8	78	4.78
2018 Vine	07000E	03012.50N	55069.34	99	54991.19	94756	24	-37.4	-79.7	36	113	0.94	24.8	-46.1	-53.6	36	76	10.43	25.2	-49.1	-43	-20	74	4.64
2018 Vine	07000E	03000.00N	55070.16	99	54991.98	94908	24	-32.6	-51.6	105	127	1.31	24.8	-23.5	-40	61	67	11.15	25.2	-22.6	-41.2	0	68	4.16
2018 Vine	07000E	02987.50N	55077.09	99	54999.02	95008	24	-17.6	-26.4	68	92	1.82	24.8	-16	-25.6	82	61	12.7	25.2	-4.1	-28.5	28	71	4.62
2018 Vine	07000E	02975.00N	55078.41	99	55000.56	95102	24	-1.1	-6.2	10	-2	0.16	24.8	20.8	-21.3	61	71	11.66	25.2	20.2	-28.8	1	73	4.45
2018 Vine	07000E	02962.50N	55077.75	99	55000.39	95238	24	21.1	-32.3	127	127	1.43	24.8	35.7	-14.3	74	71	12.62	25.2	29.7	-22.9	22	76	4.84
2018 Vine	07000E	02950.00N	55078.33	99	55001.25	95420	24	17.2	-19.5	76	96	1.95	24.8	21.1	-13.5	83	75	13.84	25.2	34.4	-19.5	32	83	5.4
2018 Vine	07000E	02937.50N	55092.39	99	55015.33	95526	24	23.3	-3.1	12	-1	0.19	24.8	30.1	-10.1	94	76	14.92	25.2	26.2	-15.7	46	84	5.85
2018 Vine	07000E	02925.00N	55082.05	99	55005.13	95644	24	20	-27.4	127	127	1.43	24.8	8.9	-12.5	95	86	15.84	25.2	21.8	-15.9	43	89	6.02
2018 Vine	07000E	02912.50N	55072.99	99	54996.34	95850	24	-15	-6.8	12	0	0.2	24.8	-21.6	-5.6	108	84	16.88	25.2	-1	-5.3	54	89	6.33
2018 Vine	07000E	02900.00N	55070.67	99	54994.71	100056	24	-36.3	-2	22	0	0.18	24.8	-36.8	6.9	79	89	14.65	25.2	-24.4	9.5	14	83	5.14
2018 Vine	07000E	02887.50N	55070.4	99	54994.87	100220	24	-23.5	4.9	42	4	0.16	24.8	4	24.9	87	85	15.01	25.2	5.2	22.7	27	79	5.1
2018 Vine	07000E	02875.00N	55078.69	99	55003.27	100332	24	-27.1	3.2	42	0	0.16	24.8	-21.6	31.8	77	89	14.56	25.2	-2.1	33.2	17	77	4.82
2018 Vine	07000E	02862.50N	55067.1	99	54992.01	100456	24	-37.2	8.6	43	3	0.17	24.8	-14	35.7	76	93	14.8	25.2	6.8	35.3	18	81	5.05
2018 Vine	07000E	02850.00N	55068.92	99	54993.89	100620	24	-22.9	12.4	43	8	0.17	24.8	-16.1	31.9	72	95	14.7	25.2	13	29.8	31	82	5.35
2018 Vine	07000E	02837.50N	55068.88	99	54994.12	100720	24	-25.3	9.4	46	4	0.18	24.8	-11.2	25	101	87	16.48	25.2	14.8	23.2	40	83	5.63
2018 Vine	07000E	02825.00N	55066.42	99	54991.55	100808	24	-31.6	7.2	44	6	0.17	24.8	-4.6	25.1	91	89	15.77	25.2	17.2	21.6	29	82	5.3
2018 Vine	07000E	02812.50N	55066.8	99	54992.07	100908	24	-15	6.7	42	2	0.17	24.8	-0.4	22.4	67	97	14.62	25.2	10.3	16.5	4	89	5.43
2018 Vine	07000E	02800.00N	55066.01	99	54991.46	101014	24	-34.3	1.4	47	9	0.19	24.8	-36.9	12.9	118	76	17.41	25.2	-5.5	13.5	65	76	6.09
2018 Vine	07000E	02787.50N	55063.42	99	54989.01	101132	24	-21.3	3.2	46	10	0.19	24.8	-23	12.6	112	81	17.12	25.2	-9.5	13	59	83	6.19
2018 Vine	07000E	02775.00N	55067.13	99	54992.73	101220	24	-16	2.8	41	2	0.16	24.8	-14	14.8	70	95	14.63	25.2	-6.9	13.5	11	93	5.71
2018 Vine	07000E	02762.50N	55068.66	99	54994.11	101320	24	-29.5	0.6	44	5	0.17	24.8	-37.5	11.6	98	84	15.91	25.2	-12.4	14.2	40	84	5.67
2018 Vine	07000E	02750.00N	55073.63	99	54999.24	101432	24	-21.6	1.9	46	9	0.19	24.8	-20.5	13.1	120	62	16.65	25.2	-8	12.3	63	83	6.37

2018 Vine	07050E	02775.00N	55068.58	99	54995.87	103620	24	26.8	9.4	38	2	0.15	24.8	16.4	12.8	57	97	13.88	25.2	20.4	10.2	-8	87	5.33
2018 Vine	07050E	02787.50N	55065.42	99	54992.81	103756	24	8.3	6.2	49	11	0.2	24.8	19.8	9.3	121	74	17.54	25.2	7.1	6.4	69	76	6.25
2018 Vine	07050E	02800.00N	55067.18	99	54994.69	103856	24	19	9.6	37	4	0.15	24.8	22.9	17	60	93	13.74	25.2	14.1	12.3	7	84	5.14
2018 Vine	07050E	02812.50N	55067.68	99	54995.42	104020	24	11.8	7.8	41	6	0.16	24.8	20.4	19.3	71	94	14.53	25.2	19.7	16.1	3	84	5.13
2018 Vine	07050E	02825.00N	55065.58	99	54993.34	104126	24	18.2	13.4	38	4	0.15	24.8	23.6	27.2	62	94	13.94	25.2	20	23	2	83	5.07
2018 Vine	07050E	02837.50N	55068.84	99	54996.66	104238	24	26.5	13.9	45	4	0.18	24.8	35.5	23.3	85	83	14.65	25.2	12.1	18.5	24	76	4.85
2018 Vine	07050E	02850.00N	55073.41	99	55001.32	104320	24	18.9	11.1	45	10	0.18	24.8	28.8	16.7	103	79	16.04	25.2	-0.6	13	43	78	5.43
2018 Vine	07050E	02862.50N	55069.75	99	54997.73	104426	24	-2.8	39.9	127	127	0.71	24.8	-3.9	21.2	79	93	15.11	25.2	-9.3	21.2	19	82	5.11
2018 Vine	07050E	02875.00N	55071.47	99	54999.4	104508	24	29.8	14.6	123	127	1.41	24.8	12.7	19.7	81	91	15.11	25.2	-14.1	17.5	17	81	5.01
2018 Vine	07050E	02887.50N	55071.74	99	54999.54	104556	24	28.5	13.3	84	102	2.1	24.8	10.7	18.1	90	91	15.77	25.2	-11.4	14.7	26	83	5.3
2018 Vine	07050E	02900.00N	55078.97	99	55006.67	104702	24	5.3	11.4	82	119	2.29	24.8	1	11	83	101	16.15	25.2	-17.7	9.1	14	85	5.25
2018 Vine	07050E	02912.50N	55086.33	99	55014.29	104756	24	22.6	7.3	15	1	0.24	24.8	28	3.4	127	80	18.57	25.2	-8.9	-2.5	86	84	7.35
2018 Vine	07050E	02925.00N	55085.97	99	55013.92	104850	24	39.4	11.4	24	4	0.19	24.8	34.6	3.2	53	51	18.22	25.2	17.5	-6.7	34	94	6.06
2018 Vine	07050E	02937.50N	55088.68	99	55016.67	104956	24	40.1	11.3	41	6	0.16	24.8	61.1	1.7	40	50	15.85	25.2	35.8	-12.5	17	94	5.81
2018 Vine	07050E	02950.00N	55093.79	99	55021.76	105156	24	51.3	16.8	40	1	0.16	24.8	99	-1.4	34	44	13.88	25.2	72.7	-23.2	5	91	5.54
2018 Vine	07050E	02962.50N	55104.01	99	55031.94	105256	24	85.9	-19.4	127	127	0.71	24.8	90	-1.8	92	79	15.04	25.2	66	-20	33	76	5.03
2018 Vine	07050E	02975.00N	55097.66	99	55025.84	105356	24	70.2	-22.1	126	127	1.43	24.8	58.7	-11.3	74	79	13.4	25.2	32.6	-22.8	16	79	4.92
2018 Vine	07050E	02987.50N	55082.11	99	55010.39	105456	24	7.4	8.1	9	-3	0.16	24.8	33.4	-10.7	56	83	12.41	25.2	23	-15.5	-9	81	4.94
2018 Vine	07050E	03000.00N	55066.91	99	54995.32	105614	24	29	7.5	20	-2	0.16	24.8	47.6	-15.9	71	75	12.8	25.2	27.7	-22.7	6	77	4.67
2018 Vine	07050E	03012.50N	55085.03	99	55013.64	105832	24	28.6	5.4	37	-8	0.15	24.8	19.2	-25.2	53	76	11.46	25.2	-5.2	-24.8	-7	75	4.59
2018 Vine	07050E	03025.00N	55079.46	99	55008.15	105938	24	30.2	-8.3	39	3	0.15	24.8	8.5	-30.1	78	72	13.09	25.2	-17.5	-31.2	15	75	4.68
2018 Vine	07050E	03037.50N	55088.27	99	55016.97	110038	24	23.2	-9.3	43	5	0.17	24.8	20.5	-21.7	104	67	15.36	25.2	-7.3	-25.1	43	77	5.35
2018 Vine	07050E	03050.00N	55082.1	99	55010.64	110144	24	38.1	-55.9	127	127	0.71	24.8	15.7	-17.9	95	73	14.83	25.2	-14.3	-19.1	29	76	4.93
2018 Vine	07050E	03062.50N	55079.73	99	55008.58	110332	24	14.7	-28.2	123	127	1.41	24.8	15.5	-20.2	68	81	13.1	25.2	-8.7	-20.5	2	80	4.88
2018 Vine	07050E	03075.00N	55079.67	99	55008.86	110620	24	16.4	-5	11	-1	0.18	24.8	-10.4	-18.3	105	86	16.78	25.2	-40.2	-16.1	9	85	5.23
2018 Vine	07050E	03087.50N	55082.42	99	55011.55	110726	24	24.4	-7.8	26	4	0.21	24.8	0	-15.1	127	70	17.94	25.2	-28.6	-14.8	70	77	6.35
2018 Vine	07050E	03100.00N	55085.89	99	55015.27	110956	24	7.2	-10.9	49	10	0.2	24.8	-5.1	-16.7	64	39	18.51	25.2	-27.5	-16.1	62	83	6.31
2018 Vine	07050E	03112.50N	55087.51	99	55017.03	111108	24	4.4	-10.2	43	9	0.17	24.8	-17.7	-18.7	47	48	16.76	25.2	-20.4	-14.4	20	91	5.65
2018 Vine	07050E	03125.00N	55084.4	99	55014.3	111450	24	18.8	-4.6	42	-11	0.17	24.8	-16	-12.5	14	115	14.3	25.2	-20.1	-5	-45	89	6.06
2018 Vine	07050E	03137.50N	55085.99	99	55016.13	111614	24	15.8	-4.3	59	12	0.24	24.8	5	-12.3	127	69	17.92	25.2	-18.4	-11.2	93	78	7.39
2018 Vine	07050E	03150.00N	55087.94	99	55018.06	111738	24	36.6	2.4	49	7	0.19	24.8	4.3	-8.6	60	42	18.16	25.2	-15.6	-8.2	56	89	6.39
2018 Vine	07050E	03162.50N	55087.97	99	55018.43	111832	24	17.7	-1.7	60	12	0.24	24.8	15.9	-5.9	81	30	21.5	25.2	-10.4	-7.2	107	75	7.92
2018 Vine	07050E	03175.00N	55076.3	99	55006.87	112014	24	22.1	0.3	45	7	0.18	24.8	-3.6	-6.5	48	46	16.39	25.2	-13.3	-4.2	28	92	5.84
2018 Vine	07050E	03187.50N	55080.91	99	55011.48	112144	24	16.7	-2.4	46	7	0.18	24.8	7.6	-7.2	92	99	16.7	25.2	-6.8	-5.7	21	90	5.63
2018 Vine	07050E	03200.00N	55086.53	99	55017.05	112244	24	23.9	0	50	3	0.2	24.8	3.6	-7.4	104	91	17.09	25.2	-10.9	-6.2	34	88	5.74
2018 Vine	07050E	03212.50N	55090.71	99	55021.37	112326	24	26	1.5	43	3	0.17	24.8	13.7	-5.2	75	102	15.65	25.2	-5.8	-5.5	8	95	5.8
2018 Vine	07050E	03225.00N	55091.24	99	55021.98	112432	24	32.1	3.6	52	9	0.21	24.8	33.6	-1.5	113	83	17.33	25.2	9.1	-4.7	31	90	5.78
2018 Vine	07050E	03237.50N	55098.67	99	55029.34	112520	24	46.9	8.2	54	8	0.21	24.8	42.1	0.8	119	83	17.88	25.2	8.5	-3.8	46	89	6.12
2018 Vine	07050E	03250.00N	55091.89	99	55022.62	112656	24	26.1	6.9	49	10	0.2	24.8	26.8	-0.5	119	86	18.11	25.2	5.9	-4.5	55	88	6.33
2018 Vine	07050E	03262.50N	55090.12	99	55020.99	112820	24	36.3	5.2	51	12	0.2	24.8	34.5	-1.7	127	76	18.26	25.2	9.3	-6.4	69	84	6.66
2018 Vine	07050E	03275.00N	55087.16	99	55018.11	112926	24	63	-28.3	127	127	0.71	24.8	29.6	-4.2	61	38	17.82	25.2	5	-8.8	61	91	6.67
2018 Vine	07050E	03287.50N	55091.27	99	55022.41	113050	24	42.4	-23.8	127	127	1.43	24.8	38.9	-5.3	63	36	18.13	25.2	1.3	-10.4	50	90	6.25
2018 Vine	07050E	03300.00N	55091.76	99	55022.88	113208	24	33.8	-15.3	127	104	2.62	24.8	37.6	-6.1	62	39	18.16	25.2	7.2	-12.1	58	89	6.47
2018 Vine	07050E	03312.50N	55090.09	99	55021.32	113314	24	41.8	-18.5	48	56	2.36	24.8	40.1	-4.7	46	44	15.93	25.2	12.9	-11.9	28	95	6.01
2018 Vine	07050E	03325.00N	55092.64	99	55023.91	113420	24	44.5	-15.6	50	56	2.4	24.8	47.6	-3.2	92	91	16.04	25.2	22.1	-10.5	26	90	5.72
2018 Vine	07050E	03337.50N	55090.87	99	55022.28	113526	24	59	-14.4	54	54	2.45	24.8	59.7	-1.1	107	83	16.75	25.2	30	-9.7	66	90	6.76

2018 Vine	07050E	03350.00N	55083.58	99	55015.05	113644	24	28.8	16.1	6	-2	0.22	24.8	53.6	7.7	112	75	16.66	25.2	44.7	3.1	65	85	6.51
2018 Vine	07050E	03362.50N	55090.05	99	55021.58	113744	24	20.6	9.4	11	-1	0.18	24.8	26.9	-0.8	81	85	14.54	25.2	24.9	-2.2	18	85	5.27
2018 Vine	07050E	03375.00N	55090.27	99	55021.88	113844	24	21.3	2	24	1	0.19	24.8	35.6	-7.3	96	78	15.23	25.2	24.7	-12.4	38	82	5.49
2018 Vine	07050E	03387.50N	55096.33	99	55028.23	113938	24	18.5	-3.4	50	9	0.2	24.8	12.1	-11.7	120	63	16.74	25.2	9.7	-14.3	70	76	6.29
2018 Vine	07050E	03400.00N	55090.88	99	55022.81	114026	24	25.9	0.2	49	8	0.19	24.8	15.6	-13.5	103	79	16.08	25.2	6.6	-17.4	42	80	5.5
2018 Vine	07050E	03412.50N	55089.6	99	55021.4	114120	24	24.4	-0.2	47	7	0.18	24.8	12.6	-11.6	95	84	15.68	25.2	4.2	-16.3	34	83	5.5
2018 Vine	07050E	03425.00N	55093.52	99	55025.32	114226	24	27.4	-44.1	127	127	0.71	24.8	23.3	-10.3	93	84	15.48	25.2	3.6	-16.2	32	84	5.5
2018 Vine	07050E	03437.50N	55087.69	99	55019.49	114320	24	21.3	-26.3	127	127	1.43	24.8	17.6	-12.1	105	77	16.11	25.2	-5.7	-16.7	50	83	5.89
2018 Vine	07050E	03450.00N	55089.74	99	55021.56	114408	24	25.5	-19.9	127	97	2.55	24.8	24.3	-15	112	77	16.82	25.2	-8.7	-21.1	49	86	6.01
2018 Vine	07100E	03500.00N	55087.67	99	55022.91	122202	24	-48	-6.4	8	-3	0.29	24.8	-31.7	-14.8	72	96	14.91	25.2	-39.9	-14.7	25	87	5.52
2018 Vine	07100E	03487.50N	55077.45	99	55012.82	122308	24	-66.1	-10.8	16	-2	0.26	24.8	-48.8	-15.7	120	78	17.66	25.2	-38.3	-14.2	59	79	6
2018 Vine	07100E	03475.00N	55078.03	99	55023.1	122426	24	-60.5	-13	33	-2	0.26	24.8	-39.1	-17.6	123	72	17.61	25.2	-31.1	-16.6	78	74	6.53
2018 Vine	07100E	03462.50N	55071.21	99	55006.3	122550	24	-59.4	-16.9	69	-4	0.27	24.8	-30.5	-19.5	58	34	16.67	25.2	-32.6	-19.4	54	76	5.67
2018 Vine	07100E	03450.00N	55066.06	99	55001.23	122650	24	-70.5	-19.1	63	-10	0.25	24.8	-30.5	-17.8	40	41	14.33	25.2	-27.3	-17.5	17	82	5.11
2018 Vine	07100E	03437.50N	55064.96	99	55000.24	122814	24	-65.1	-12	64	-7	0.25	24.8	-13.6	-7.6	99	81	15.85	25.2	-7.1	-10.6	38	82	5.5
2018 Vine	07100E	03425.00N	55068.96	99	55004.17	123008	24	-48.1	-9.8	95	52	0.43	24.8	-22	-7.7	125	71	17.78	25.2	-11.2	-9.3	64	76	6.07
2018 Vine	07100E	03412.50N	55071.29	99	55006.34	123102	24	-54.1	-11.4	127	127	0.71	24.8	-21	-10.9	60	35	17.18	25.2	-17.2	-14.5	46	79	5.58
2018 Vine	07100E	03400.00N	55067.51	99	55002.68	123208	24	-47.3	-8.6	127	127	1.43	24.8	-27.6	-17.5	36	43	13.98	25.2	-6.6	-20.1	7	82	4.99
2018 Vine	07100E	03387.50N	55072.5	99	55007.66	123308	24	-35.7	-3.3	72	100	1.97	24.8	-27	-13.7	81	85	14.54	25.2	-9	-15.4	18	78	4.87
2018 Vine	07100E	03375.00N	55069.5	99	55004.68	123432	24	-31.1	1.4	117	91	2.36	24.8	-8.1	-9	58	92	13.48	25.2	10.3	-8.7	20	85	5.29
2018 Vine	07100E	03362.50N	55062.36	99	54997.69	123538	24	-3.3	1.1	127	84	2.43	24.8	-3.6	2.5	120	69	17.13	25.2	23.9	2.2	60	75	5.84
2018 Vine	07100E	03350.00N	55057.12	99	54992.33	123626	24	-5.6	7.3	78	40	2.8	24.8	-3.8	11	127	65	17.67	25.2	41.8	11.5	80	80	6.91
2018 Vine	07100E	03337.50N	55073.1	99	55008.26	123738	24	-16.4	4.1	53	55	2.45	24.8	-13.9	0	50	48	17.31	25.2	16.2	0.7	35	95	6.17
2018 Vine	07100E	03325.00N	55071.81	99	55006.91	123902	24	-33.6	2	62	53	2.62	24.8	-32.8	-6.4	58	45	18.17	25.2	6.6	-4.3	55	97	6.78
2018 Vine	07100E	03312.50N	55070.7	99	55005.72	123944	24	-42.6	0.9	63	51	2.58	24.8	-43.5	-10.2	58	44	18.01	25.2	-11.9	-5.9	52	95	6.57
2018 Vine	07100E	03300.00N	55072.98	99	55007.83	124032	24	-47.1	3.1	48	53	2.3	24.8	-48.4	-12.3	47	46	16.39	25.2	-22.6	-6.8	28	94	6
2018 Vine	07100E	03287.50N	55072.93	99	55007.69	124114	24	-43.9	2.9	42	51	2.12	24.8	-35.4	-11.4	98	94	16.81	25.2	-15.2	-6.9	33	93	5.98
2018 Vine	07100E	03275.00N	55072.82	99	55007.7	124202	24	-45.3	4.9	52	49	2.3	24.8	-29.7	-8.1	120	84	18.07	25.2	-8.7	-3.8	58	88	6.42
2018 Vine	07100E	03262.50N	55078.05	99	55012.94	124256	24	-50.5	1.9	53	51	2.36	24.8	-51.7	-12.4	100	94	16.91	25.2	-15.1	-6.5	27	89	5.7
2018 Vine	07100E	03250.00N	55075.32	99	55010.2	124344	24	-26.9	-3	54	50	2.37	24.8	-14	-10.2	101	90	16.74	25.2	-5.9	-8.2	37	93	6.06
2018 Vine	07100E	03237.50N	55073.32	99	55008.21	124432	24	-45.3	0.2	61	47	2.46	24.8	-46.4	-11.2	115	82	17.45	25.2	-7.5	-5.6	50	90	6.27
2018 Vine	07100E	03225.00N	55069.15	99	55004.17	124538	24	-32.9	-2	19	31	1.18	24.8	-7.6	-8.2	60	102	14.65	25.2	9.3	-5.9	-5	91	5.55
2018 Vine	07100E	03212.50N	55064.52	99	54999.57	124638	24	-22.9	0.7	127	106	2.63	24.8	-28.3	-5.4	112	90	17.73	25.2	-5.4	-1.3	42	91	6.08
2018 Vine	07100E	03200.00N	55067.66	99	55002.68	124714	24	-21.8	-1.4	62	53	2.61	24.8	-16.3	-5.9	116	90	18.17	25.2	-8.3	-2.3	58	91	6.55
2018 Vine	07100E	03187.50N	55062.92	99	54998.04	124756	24	-31.7	0	51	54	2.38	24.8	-33.3	-9.3	96	99	17.11	25.2	-21.9	-3	33	93	6
2018 Vine	07100E	03175.00N	55061.1	99	54996.2	124850	24	-49	8.8	75	47	2.83	24.8	-30.2	-1.2	125	84	18.64	25.2	-13.5	4.2	75	95	7.34
2018 Vine	07100E	03162.50N	55063.21	99	54998.29	124944	24	-41.3	6.6	67	51	2.68	24.8	-25.9	-2.3	69	40	19.74	25.2	-20.5	3.6	79	88	7.18
2018 Vine	07100E	03150.00N	55064.53	99	54999.54	125038	24	-66.5	9.8	61	51	2.54	24.8	-67.6	-7.5	51	44	16.78	25.2	-43.3	4.9	66	87	6.62
2018 Vine	07100E	03137.50N	55065.96	99	55000.87	125232	24	-65.4	4.8	37	54	2.11	24.8	-63.6	-9.2	42	45	15.21	25.2	-42.8	1	25	94	5.89
2018 Vine	07100E	03125.00N	55065.2	99	55000.38	125332	24	-50.4	5.8	56	47	2.33	24.8	-47.9	-4.1	109	77	16.49	25.2	-42.3	2.9	59	86	6.36
2018 Vine	07100E	03112.50N	55060.56	99	54995.94	125432	24	-71.5	8.1	45	49	2.14	24.8	-47.6	-7.2	86	83	14.85	25.2	-49.2	0	31	87	5.61
2018 Vine	07100E	03100.00N	55063.53	99	54999.01	125508	24	-70.9	2.1	82	96	2.02	24.8	-67.2	-13.6	83	80	14.21	25.2	-53.5	-4.8	25	83	5.27
2018 Vine	07100E	03087.50N	55061.99	99	54997.47	125602	24	-53.3	-9.2	67	96	1.87	24.8	-51.5	-21.8	71	80	13.21	25.2	-55.1	-15.5	10	80	4.89
2018 Vine	07100E	03075.00N	55065.94	99	55001.47	125638	24	-62.7	-10.5	98	81	2.03	24.8	-48.8	-20.9	92	66	14.02	25.2	-47.2	-17	38	75	5.15
2018 Vine	07100E	03062.50N	55056.66	99	54992.32	125750	24	-16.9	-20.8	71	81	1.72	24.8	-12.5	-24.7	72	70	12.48	25.2	-24.7	-26.5	15	72	4.49
2018 Vine	07100E	03050.00N	55059.64	99	54995.46	125844	24	-20	-23.5	36	77	1.35	24.8	-15.5	-23.7	41	73	10.38	25.2	-20.7	-21.5	-15	71	4.45

2018 Vine	07100E	03037.50N	55058.01	99	54993.76	130126	24	-6.4	-9.1	50	84	1.57	24.8	8.5	-8.2	51	75	11.23	25.2	13.5	-11.7	-3	75	4.56
2018 Vine	07100E	03025.00N	55058.83	99	54994.57	130214	24	-2.3	-2.9	63	90	1.75	24.8	12.8	-1.8	76	71	12.93	25.2	32	-6.4	20	75	4.7
2018 Vine	07100E	03012.50N	55060.25	99	54996.01	130302	24	14.9	-2.2	100	83	2.07	24.8	25.7	1	92	68	14.11	25.2	40.3	-3.2	39	77	5.25
2018 Vine	07100E	03000.00N	55061.43	99	54997.16	130350	24	42.8	-2.1	80	92	1.95	24.8	47.5	6.6	84	74	13.9	25.2	48.7	-4.9	12	82	5.07
2018 Vine	07100E	02987.50N	55060.32	99	54996.21	130502	24	16.6	-4.9	88	105	2.18	24.8	27.3	-0.7	88	90	15.6	25.2	44.8	-10.2	30	88	5.68
2018 Vine	07100E	02975.00N	55062.59	99	54998.57	130550	24	21.9	-0.5	91	111	2.29	24.8	12	1.8	107	83	16.71	25.2	29.8	-3.2	57	89	6.47
2018 Vine	07100E	02962.50N	55063.97	99	54999.83	130656	24	-3.2	1	127	104	2.62	24.8	-5	2.3	126	87	18.91	25.2	21.4	-0.4	78	92	7.31
2018 Vine	07100E	02950.00N	55059.61	99	54995.43	130750	24	-18.9	5.1	83	49	3.07	24.8	-9.3	3.4	74	40	20.99	25.2	11.9	2	96	92	8.11
2018 Vine	07100E	02937.50N	55063.15	99	54999.08	130908	24	-33.8	8.9	58	59	2.63	24.8	-30.6	1	56	49	18.36	25.2	-10.8	2.9	46	102	6.81
2018 Vine	07100E	02925.00N	55060.83	99	54996.84	131026	24	-57.1	15.8	53	49	2.33	24.8	-25.4	2.7	11	55	13.91	25.2	-34	6.3	-6	97	5.89
2018 Vine	07100E	02912.50N	55061.4	99	54997.53	131114	24	-52.7	19.2	60	48	2.45	24.8	-43	5	53	42	16.84	25.2	-31.5	9	55	88	6.29
2018 Vine	07100E	02900.00N	55061.25	99	54997.48	131202	24	-23.5	17	55	49	2.34	24.8	-27.9	8.9	50	41	16.04	25.2	-23.5	10.7	51	84	6
2018 Vine	07100E	02887.50N	55057.64	99	54994.1	131256	24	-50.1	21	72	39	2.61	24.8	-66.6	5.6	62	32	17.24	25.2	-36.2	12.2	75	76	6.48
2018 Vine	07100E	02875.00N	55055.26	99	54991.82	131356	24	-25.3	16.7	73	37	2.61	24.8	-33.2	7.8	63	32	17.44	25.2	-23.5	10.4	74	74	6.35
2018 Vine	07100E	02862.50N	55057.51	99	54994.14	131456	24	-44.9	23	69	34	2.45	24.8	-40.6	10.2	49	35	15.05	25.2	-22.9	13.6	46	80	5.64
2018 Vine	07100E	02850.00N	55064.78	99	55001.42	131656	24	-35.1	31.4	60	93	1.77	24.8	-45.9	14.1	58	88	12.99	25.2	-23.1	17.3	7	83	5.08
2018 Vine	07100E	02837.50N	55058.84	99	54995.33	131756	24	-0.5	16.3	83	93	1.98	24.8	-5.2	17.5	77	87	14.37	25.2	-5	14.3	21	87	5.43
2018 Vine	07100E	02825.00N	55062.34	99	54998.9	131844	24	-20	17.1	102	92	2.18	24.8	-10.7	13.6	87	80	14.65	25.2	-9.7	12.5	41	88	5.95
2018 Vine	07150E	02875.00N	55072.15	99	55007.66	134250	24	32.2	0.1	88	93	2.03	24.8	24.7	9.6	74	88	14.24	25.2	-3.2	7.4	16	85	5.28
2018 Vine	07150E	02887.50N	55073.73	99	55009.41	134344	24	24.8	1.5	80	99	2.03	24.8	18.5	5.9	88	88	15.41	25.2	-10.5	6.3	21	90	5.63
2018 Vine	07150E	02900.00N	55072.75	99	55008.28	134456	24	24.6	2	96	103	2.24	24.8	14.2	6.7	88	95	15.93	25.2	-15.3	7.3	32	93	6
2018 Vine	07150E	02912.50N	55074.93	99	55010.24	134620	24	36.3	-0.6	105	98	2.29	24.8	14.8	7	100	96	17.09	25.2	-5.5	6.7	44	94	6.31
2018 Vine	07150E	02925.00N	55075.08	99	55010.46	134702	24	21.1	2.3	119	105	2.52	24.8	-0.5	4.9	103	97	17.5	25.2	-4.5	5.9	45	96	6.44
2018 Vine	07150E	02937.50N	55076.19	99	55011.22	134838	24	-6	5.4	127	108	2.66	24.8	-8	2.3	124	96	19.31	25.2	-5.3	4.6	65	94	6.95
2018 Vine	07150E	02950.00N	55080.56	99	55015.35	134956	24	30	-0.7	83	48	3.06	24.8	12.4	4.8	74	43	21.24	25.2	9.8	3	88	88	7.58
2018 Vine	07150E	02962.50N	55074.16	99	55008.96	135102	24	54.8	-0.2	67	50	2.69	24.8	46	12.6	63	44	19.17	25.2	42.7	6.3	71	93	7.11
2018 Vine	07150E	02975.00N	55075.22	99	55010.06	135202	24	58.8	-0.4	70	45	2.68	24.8	57.9	12.8	65	37	18.65	25.2	48.1	5.8	78	86	7.04
2018 Vine	07150E	02987.50N	55073.39	99	55008.05	135250	24	73.7	-0.8	50	46	2.17	24.8	67	16.2	45	42	15.3	25.2	63.8	6.6	34	85	5.56
2018 Vine	07150E	03000.00N	55080.09	99	55014.78	135402	24	38.3	1.3	58	42	2.29	24.8	33.7	8.2	111	75	16.58	25.2	45	5	57	77	5.85
2018 Vine	07150E	03012.50N	55069.15	99	55003.96	135438	24	63.8	-2.3	46	42	2	24.8	64	10.1	91	75	14.58	25.2	61.3	2.2	37	74	5.03
2018 Vine	07150E	03025.00N	55075.47	99	55010.22	135526	24	63.8	4.8	46	85	1.54	24.8	59.3	10.2	47	83	11.82	25.2	53.1	3.5	-6	76	4.66
2018 Vine	07150E	03037.50N	55021.53	99	54956.24	135620	24	34.6	-0.1	43	78	1.42	24.8	30	0.3	45	83	11.7	25.2	16.3	0	-9	74	4.51
2018 Vine	07150E	03050.00N	54957.81	99	54892.65	135838	24	36.5	-8.1	52	85	1.6	24.8	32.8	-5.6	52	80	11.75	25.2	9.1	-5.9	-12	73	4.52
2018 Vine	07150E	03062.50N	55042.59	99	54977.58	140002	24	8.2	-9.1	75	71	1.65	24.8	-6.1	-11.1	77	70	12.93	25.2	-6.6	-7	24	71	4.56
2018 Vine	07150E	03075.00N	55074.06	99	55009.07	140150	24	-4.3	-11.1	79	81	1.8	24.8	-3.8	-14.9	75	73	12.95	25.2	-12.4	-10.5	21	76	4.8
2018 Vine	07150E	03087.50N	55076.39	99	55011.1	140256	24	3.2	-11.6	67	85	1.73	24.8	-3.3	-15.3	65	79	12.64	25.2	-16	-8.9	10	74	4.52
2018 Vine	07150E	03100.00N	55069.99	99	55004.78	140350	24	-1.2	-29.1	26	33	0.67	24.8	-44.4	-21.1	29	89	11.57	25.2	-50.8	-4.7	-25	79	5.04
2018 Vine	07150E	03112.50N	55072.29	99	55006.99	140520	24	-5.2	-15.7	81	127	1.2	24.8	-16.5	-15.1	54	89	12.88	25.2	-35.8	-4.7	-9	83	5.05
2018 Vine	07150E	03125.00N	55075.99	99	55010.61	140602	24	-39	-2.4	52	95	1.72	24.8	-44.9	-16.3	53	95	13.49	25.2	-49.6	-1.6	0	89	5.4
2018 Vine	07150E	03137.50N	55084.82	99	55019.57	140702	24	-27.3	-0.7	118	93	2.39	24.8	-43.5	-14.3	106	85	16.74	25.2	-49	-3.5	56	88	6.36
2018 Vine	07150E	03150.00N	55071.32	99	55006.04	140832	24	-32.8	8.8	93	107	2.26	24.8	-31.5	-5.4	89	95	16.1	25.2	-40.4	4.5	34	94	6.08
2018 Vine	07150E	03162.50N	55076.1	99	55010.87	141038	24	-17.5	8.7	38	95	1.63	24.8	-28.3	0	37	117	15.21	25.2	-26.9	10	-16	95	5.87
2018 Vine	07150E	03175.00N	55072.33	99	55007.18	141132	24	6.7	4.5	121	110	2.61	24.8	1.4	1.9	111	100	18.43	25.2	-11.8	6	53	97	6.72
2018 Vine	07150E	03187.50N	55072.25	99	55007.12	141232	24	1.3	1.6	97	119	2.44	24.8	0.1	0	103	101	17.85	25.2	-9.4	4.4	32	100	6.39
2018 Vine	07150E	03200.00N	55077.58	99	55012.39	141314	24	29.7	-3.1	116	113	2.59	24.8	24	1	104	99	17.71	25.2	10.8	0.9	45	97	6.5
2018 Vine	07150E	03212.50N	55081.68	99	55016.43	141414	24	29.7	-2.3	116	108	2.53	24.8	21.2	2.9	109	97	18.03	25.2	14.5	2.3	53	96	6.67

2018 Vine	07150E	03225.00N	55083.32	99	55018.22	141456	24	43.2	-6.3	127	98	2.56	24.8	23.7	1.3	113	88	17.71	25.2	16.3	-0.3	59	87	6.43
2018 Vine	07150E	03237.50N	55081.19	99	55016.04	141544	24	44.7	-8.1	73	41	2.69	24.8	38.3	0	122	78	17.92	25.2	15	-3.3	67	82	6.47
2018 Vine	07150E	03250.00N	55084.99	99	55020.04	141708	24	35.1	-9.9	89	32	3.01	24.8	34.3	-4.6	75	26	19.71	25.2	4.8	-7.5	106	71	7.76
2018 Vine	07150E	03262.50N	55083.91	99	55018.84	141814	24	15.9	-7.3	17	36	1.28	24.8	7.9	-9.7	16	48	12.59	25.2	7.6	-8	-21	87	5.44
2018 Vine	07150E	03275.00N	55082.61	99	55017.44	141856	24	36.4	-19.1	82	96	2.01	24.8	41.2	-10.5	77	90	14.67	25.2	28.7	-15.7	19	89	5.56
2018 Vine	07150E	03287.50N	55081.95	99	55016.99	142132	24	9.3	-18.1	44	95	1.68	24.8	-7.3	-20.4	41	98	13.11	25.2	-4.2	-16.2	-14	89	5.5
2018 Vine	07150E	03300.00N	55084.25	99	55019.24	142238	24	15.2	-23.8	92	101	2.17	24.8	11.6	-23	86	89	15.28	25.2	-3.4	-24.7	31	88	5.66
2018 Vine	07150E	03312.50N	55097.7	99	55032.77	142332	24	21.1	-19	127	100	2.57	24.8	8.8	-15.6	119	89	18.33	25.2	-6.2	-18.6	68	95	7.11
2018 Vine	07150E	03325.00N	55084.34	99	55019.53	142420	24	26.4	-14.9	78	46	2.89	24.8	15.2	-10.8	126	86	18.79	25.2	-0.6	-14.4	73	93	7.2
2018 Vine	07150E	03337.50N	55074.32	99	55009.43	142514	24	45.3	-13.9	55	47	2.32	24.8	29.4	-1.5	54	41	16.94	25.2	19	-7.1	58	87	6.4
2018 Vine	07150E	03350.00N	55084.66	99	55019.86	142608	24	17.8	-13.1	68	44	2.58	24.8	13.7	-9.4	60	37	17.64	25.2	11	-14.1	63	83	6.36
2018 Vine	07150E	03362.50N	55083.69	99	55019.13	142656	24	29.4	-11.2	76	39	2.74	24.8	28.6	-5.1	70	31	18.93	25.2	20.5	-10.4	71	79	6.44
2018 Vine	07150E	03375.00N	55088.42	99	55023.87	142750	24	40.2	-11	77	33	2.69	24.8	37.2	-3.4	63	31	17.38	25.2	23.1	-8.2	74	72	6.31
2018 Vine	07150E	03387.50N	55085.77	99	55021.42	142908	24	18.4	-9.2	49	43	2.1	24.8	15.6	-7.8	52	36	15.7	25.2	9.8	-7.7	36	81	5.4
2018 Vine	07150E	03400.00N	55083.38	99	55018.9	143032	24	31.1	-13.9	100	87	2.11	24.8	27.5	-7.2	47	39	15.18	25.2	15.6	-10.7	26	80	5.14
2018 Vine	07150E	03412.50N	55088.37	99	55023.79	143126	24	29.4	-14.5	122	80	2.33	24.8	18.8	-11.1	108	71	15.94	25.2	4.2	-13	53	79	5.81
2018 Vine	07150E	03425.00N	55095.96	99	55031.45	143232	24	-5.3	-6.1	43	44	1.99	24.8	-5.5	-15.2	79	84	14.3	25.2	5.2	-11.8	17	80	5
2018 Vine	07150E	03437.50N	55092.22	99	55027.77	143332	24	-7.1	-9.1	79	96	1.98	24.8	-10	-18.7	77	88	14.48	25.2	-7	-14.7	14	80	4.93
2018 Vine	07150E	03450.00N	55087.99	99	55023.62	143414	24	2.3	-10.3	87	96	2.07	24.8	10.2	-13.6	86	86	15	25.2	-7.9	-13.4	29	80	5.16
2018 Vine	07150E	03462.50N	55086.49	99	55022.19	143502	24	3.4	-9.7	127	79	2.39	24.8	-6.8	-13.9	125	64	17.41	25.2	-23.5	-11.8	77	75	6.55
2018 Vine	07150E	03475.00N	55084.52	99	55020.14	143550	24	4.9	-10.6	64	42	2.46	24.8	6.8	-13.5	60	36	17.31	25.2	-16.2	-13.8	53	77	5.67
2018 Vine	07150E	03487.50N	55085.41	99	55021.17	143644	24	-4.4	-12.4	52	46	2.24	24.8	-3	-17.3	48	41	15.7	25.2	-22	-14.9	35	84	5.56
2018 Vine	07150E	03500.00N	55090.36	99	55026.09	143732	24	-19.4	-3.9	76	41	2.77	24.8	-20.4	-17.4	125	75	17.95	25.2	-17.8	-12.8	54	86	6.19
2018 Vine	07150E	03512.50N	55084.27	99	55020.16	143844	24	-7.7	-8.8	73	43	2.71	24.8	-6.6	-15.1	63	34	17.76	25.2	-23.9	-11.5	70	79	6.44
2018 Vine	07150E	03525.00N	55092.63	99	55028.72	143950	24	-13.9	-5.2	78	42	2.82	24.8	-19.6	-16.4	69	33	19.1	25.2	-27.3	-11.8	77	82	6.84
2018 Vine	07200E	03575.00N	55069.96	99	55006.71	145320	24	-63.4	5	24	50	1.79	24.8	-46	-20.6	23	52	14.07	25.2	-46.1	-6	-14	90	5.56
2018 Vine	07200E	03562.50N	55062.45	99	54999.2	145420	24	-71.9	5.2	23	51	1.79	24.8	-61.2	-20.7	26	51	14.25	25.2	-63.1	-3.5	-7	90	5.48
2018 Vine	07200E	03550.00N	55061.27	99	54997.91	145520	24	-56.7	5.9	60	46	2.42	24.8	-67.3	-15.1	58	39	17.33	25.2	-59	-0.6	58	82	6.13
2018 Vine	07200E	03537.50N	55061.35	99	54997.92	145620	24	-50	3.6	72	41	2.66	24.8	-51.9	-14.4	67	34	18.64	25.2	-48.3	-4.5	76	74	6.44
2018 Vine	07200E	03525.00N	55056.93	99	54993.33	145714	24	-56.9	1.5	54	45	2.24	24.8	-51.5	-18.9	50	40	15.96	25.2	-59.5	-8.3	38	79	5.33
2018 Vine	07200E	03512.50N	55061.56	96	54997.97	145744	24	-65.8	6.6	62	41	2.37	24.8	-59.4	-14.3	60	35	17.25	25.2	-47.1	-4.2	62	73	5.83
2018 Vine	07200E	03500.00N	55064.19	99	55000.43	145914	24	-48.1	4.4	58	42	2.28	24.8	-44.1	-11.8	56	39	17.01	25.2	-45.8	-4.3	47	75	5.39
2018 Vine	07200E	03487.50N	55066.3	99	55002.51	145950	24	-55.8	6.9	52	42	2.16	24.8	-48.4	-10.9	50	38	15.76	25.2	-46.6	-3.5	35	76	5.08
2018 Vine	07200E	03475.00N	55064.6	99	55000.69	150044	24	-44.7	3.7	59	39	2.25	24.8	-43.3	-9.6	57	38	16.93	25.2	-39	-7.7	8	79	4.84
2018 Vine	07200E	03462.50N	55067.57	99	55003.64	150126	24	-52.2	4.3	64	36	2.35	24.8	-58.3	-10.8	58	33	16.62	25.2	-46.4	-5.7	50	68	5.16
2018 Vine	07200E	03450.00N	55063.43	99	54999.52	150220	24	-41.8	3.6	62	38	2.31	24.8	-41.2	-8.3	59	34	16.99	25.2	-36.9	-4.7	55	72	5.5
2018 Vine	07200E	03437.50N	55057.3	99	54993.33	150326	24	-44.2	4.3	54	38	2.11	24.8	-43	-10.2	52	36	15.67	25.2	-30	-8.6	34	70	4.74
2018 Vine	07200E	03425.00N	55070.08	99	55006.11	150402	24	-63.4	4.8	49	39	2.01	24.8	-48.3	-9.4	51	35	15.34	25.2	-28.2	-7.4	42	69	4.93
2018 Vine	07200E	03412.50N	55086.09	99	55022.02	150450	24	-41.3	2.4	111	80	2.18	24.8	-39.7	-9.5	53	35	15.84	25.2	-11.7	-11.1	37	72	4.92
2018 Vine	07200E	03400.00N	55070.79	99	55006.48	150538	24	-33.9	-2.3	85	88	1.95	24.8	-33.1	-13.2	40	40	14.02	25.2	-15.9	-14.1	24	74	4.72
2018 Vine	07200E	03387.50N	55066.74	99	55002.17	150626	24	-34.5	-8.8	87	84	1.93	24.8	-31.3	-20.3	85	80	14.44	25.2	-11.6	-23.3	25	76	4.84
2018 Vine	07200E	03375.00N	55075.2	99	55010.56	150702	24	-22.5	-4.4	93	87	2.03	24.8	-24.7	-10.3	90	76	14.52	25.2	2.2	-12.2	34	76	5.08
2018 Vine	07200E	03362.50N	55077.6	99	55012.87	150738	24	-20.1	-5.1	79	92	1.94	24.8	-21.6	-8.9	82	85	14.59	25.2	-3.5	-12.2	25	82	5.2
2018 Vine	07200E	03350.00N	55079.07	99	55014.18	150814	24	4.2	-4.3	67	95	1.85	24.8	-2.1	-7.7	51	98	13.65	25.2	15.7	-14.4	-3	85	5.18
2018 Vine	07200E	03337.50N	55082.11	99	55016.98	150938	24	-25.9	-4.1	100	98	2.23	24.8	-6.3	-8.5	98	87	16.21	25.2	2.5	-13.2	46	86	5.93
2018 Vine	07200E	03325.00N	55067.89	99	55002.47	151050	24	-20.7	-8.3	74	102	2.01	24.8	-14.4	-14.5	78	96	15.24	25.2	-3.4	-17.6	19	84	5.25

2018 Vine	07200E	03312.50N	55072.34	99	55006.77	151132	24	-18.8	-8.7	110	94	2.31	24.8	-10.8	-12.6	110	81	16.82	25.2	-1.6	-15.9	56	84	6.14
2018 Vine	07200E	03300.00N	55076.67	99	55010.87	151226	24	-12.6	-9.4	84	102	2.11	24.8	0.8	-10.6	83	90	15.13	25.2	1.4	-15.9	27	87	5.53
2018 Vine	07200E	06900.00N	55107.94	99	55023.86	85008	24	-25.9	17	62	47	2.49	24.8	-35.4	14.4	52	30	14.88	25.2	-41.9	18.2	57	73	5.64
2018 Vine	07200E	06887.50N	55112.82	99	55028.55	85114	24	-19.7	16.7	60	48	2.46	24.8	-15.7	13.1	52	33	15.18	25.2	-11.5	16.1	52	75	5.53
2018 Vine	07200E	03287.50N	55102.78	99	55018.17	85408	24	-8.7	-8.7	44	48	2.09	24.8	-4	-7.9	99	70	15.06	25.2	-0.5	-12.7	53	80	5.83
2018 Vine	07200E	03275.00N	55100.09	99	55015.41	85456	24	-18.8	-4.9	126	100	2.57	24.8	-18.7	-5.9	111	72	16.31	25.2	-19	-9.4	59	77	5.9
2018 Vine	07200E	03262.50N	55098.67	99	55014.21	85556	24	-26.9	-1.5	42	56	2.24	24.8	-17.9	-4.8	81	83	14.41	25.2	-10.2	-9.2	27	81	5.22
2018 Vine	07200E	03250.00N	55095.56	99	55011.31	85650	24	-16.3	-1.4	13	57	1.89	24.8	-12.6	-3.1	44	92	12.63	25.2	-5.4	-5.2	-6	85	5.18
2018 Vine	07200E	03237.50N	55096.35	99	55012.28	85802	24	-26.9	5.4	39	60	2.28	24.8	-22.5	1.5	79	88	14.58	25.2	-8.2	-1.6	22	89	5.6
2018 Vine	07200E	03225.00N	55102.16	99	55018.18	85856	24	-26.9	8.7	41	61	2.34	24.8	-24.6	4.5	77	96	15.21	25.2	-20.1	2.7	18	90	5.57
2018 Vine	07200E	03212.50N	55098.15	99	55014.74	90014	24	-34.5	8.6	50	60	2.5	24.8	-37.6	4.5	94	86	15.77	25.2	-35.8	2.8	37	88	5.78
2018 Vine	07200E	03200.00N	55089.84	99	55006.65	90114	24	-40.7	12.3	50	57	2.43	24.8	-43.9	6.6	91	84	15.27	25.2	-31.9	4.6	29	86	5.53
2018 Vine	07200E	03187.50N	55090.15	99	55006.94	90220	24	-71.6	20.3	41	54	2.18	24.8	-46.8	7.6	79	84	14.28	25.2	-39.4	6.8	25	87	5.52
2018 Vine	07200E	03175.00N	55091.53	99	55008.32	90326	24	-28.3	10.3	61	51	2.55	24.8	-35.7	6.3	110	76	16.51	25.2	-41.6	7.5	60	80	6.09
2018 Vine	07200E	03162.50N	55081.35	99	54998.43	90514	24	-43.3	13.9	47	51	2.23	24.8	-44.8	5.1	83	77	14.01	25.2	-51.4	6.2	32	80	5.24
2018 Vine	07200E	03150.00N	55083.14	99	55000.33	90556	24	-70.2	13.8	54	48	2.31	24.8	-66.7	4.4	92	68	14.14	25.2	-68.8	6	44	75	5.3
2018 Vine	07200E	03137.50N	55079.27	99	54996.84	90702	24	-65	7.9	47	48	2.15	24.8	-57.5	-1.9	82	73	13.6	25.2	-60.8	1.3	52	73	5.47
2018 Vine	07200E	03125.00N	55075.52	99	54993.29	90756	24	-48.8	1.1	62	104	1.93	24.8	-47	-6.1	63	77	12.27	25.2	-53.1	-0.8	9	75	4.62
2018 Vine	07200E	03112.50N	55071.04	99	54989.16	90938	24	-61	2.7	41	101	1.74	24.8	-49.2	-3.3	60	73	11.74	25.2	-44	4.4	33	69	4.67
2018 Vine	07200E	03100.00N	55073.52	99	54991.7	91038	24	-37.6	-14	19	87	1.42	24.8	-51.3	-8.6	41	77	10.84	25.2	-38.3	4.5	-19	71	4.5
2018 Vine	07200E	03087.50N	55073.52	99	54991.72	91208	24	-40.2	0.9	76	95	1.94	24.8	-23.4	-3.8	79	70	13.05	25.2	-18.6	-1.2	24	71	4.56
2018 Vine	07200E	03075.00N	55078.59	99	54996.64	91320	24	-35.2	3.6	92	90	2.05	24.8	-40.6	-1.1	84	66	13.24	25.2	-41.5	1.9	29	70	4.61
2018 Vine	07200E	03062.50N	55074.66	99	54992.89	91426	24	-4.8	1.4	63	98	1.85	24.8	-0.5	-0.6	62	72	11.75	25.2	-0.8	0	8	71	4.37
2018 Vine	07200E	03050.00N	55073.73	99	54992.31	91508	24	-22	5.2	90	93	2.07	24.8	5.1	1.9	79	69	12.98	25.2	-3.3	2.7	28	71	4.67
2018 Vine	07200E	03037.50N	55071.45	99	54990.94	91656	24	-15	7.3	94	95	2.12	24.8	-16.1	5	92	70	14.31	25.2	-12.5	7.2	38	70	4.85
2018 Vine	07200E	03025.00N	55070.25	99	54989.94	91756	24	9.2	9.4	50	108	1.89	24.8	14.3	9.8	55	83	12.31	25.2	21.2	7.8	3	75	4.56
2018 Vine	07200E	03012.50N	55073.15	99	54993.05	91856	24	1.9	6.8	108	102	2.36	24.8	7.3	7.2	97	75	15.18	25.2	-10.8	11.5	43	75	5.27
2018 Vine	07200E	03000.00N	55076.83	99	54996.82	91956	24	-8.6	10.3	116	101	2.45	24.8	21	10	77	86	14.27	25.2	28.9	10	20	79	4.96
2018 Vine	07200E	02987.50N	55074.43	99	54994.6	92226	24	-10.2	13.2	78	120	2.28	24.8	-12.2	10.6	74	91	14.51	25.2	-10.7	12.7	20	82	5.13
2018 Vine	07200E	02975.00N	55073.9	99	54994.71	92326	24	-15.8	13	102	121	2.52	24.8	-22.5	9.4	105	87	16.88	25.2	-16.9	11.2	50	83	5.9
2018 Vine	07200E	02962.50N	55077.55	99	54998.53	92420	24	-28.8	11.3	109	120	2.58	24.8	-9.8	6.5	106	86	16.84	25.2	-10.3	8.7	49	84	5.94
2018 Vine	07200E	02950.00N	55072.96	99	54994.73	92708	24	-17.9	9.9	95	120	2.44	24.8	-20.7	6.5	86	93	15.68	25.2	-14.5	6.5	28	87	5.54
2018 Vine	07200E	02937.50N	55074.75	99	54996.35	92756	24	-42.4	12.4	96	114	2.37	24.8	-32.2	7.4	92	85	15.49	25.2	-32	7.3	36	84	5.54
2018 Vine	07200E	02925.00N	55071.4	99	54992.82	92856	24	-36.9	13	71	96	1.9	24.8	-36.9	7.5	73	88	14.15	25.2	-8.8	5.8	19	82	5.14
2018 Vine	07200E	02912.50N	55069.36	99	54990.42	92944	24	-42	14.3	63	110	2.02	24.8	-35.9	7.5	66	86	13.35	25.2	-18.6	7.8	29	80	5.18
2018 Vine	07200E	02900.00N	55072.06	99	54993.07	93044	24	-17.7	12.6	111	100	2.38	24.8	-15.3	9.5	92	80	15.01	25.2	0	9.5	47	77	5.5
2018 Vine	07250E	02950.00N	55086.35	99	55008.42	94108	24	29	0.2	114	111	2.53	24.8	34.2	0.7	112	81	17.05	25.2	30.6	4.9	60	84	6.28
2018 Vine	07250E	02962.50N	55087.03	99	55009.5	94220	24	44.1	-3.3	118	107	2.54	24.8	30.4	-0.2	110	83	17.04	25.2	17.7	6.2	55	77	5.76
2018 Vine	07250E	02975.00N	55087.31	99	55010.06	94314	24	53.5	-4.8	100	110	2.36	24.8	34.2	0.3	91	87	15.56	25.2	11.4	7.8	34	82	5.4
2018 Vine	07250E	02987.50N	55085.62	99	55009.27	94420	24	36.3	-0.4	66	118	2.15	24.8	41.7	1.4	75	92	14.66	25.2	21.8	9.1	17	84	5.19
2018 Vine	07250E	03000.00N	55088.16	99	55012.68	94508	24	47.1	-1.6	127	101	2.59	24.8	45.1	0.4	116	78	17.24	25.2	37.2	8.7	55	75	5.7
2018 Vine	07250E	03012.50N	55084.88	99	55009.75	94550	24	67.7	0	35	53	2.04	24.8	66.3	4.5	73	84	13.76	25.2	53.1	11.5	17	78	4.89
2018 Vine	07250E	03025.00N	55088.63	99	55014.39	94702	24	55.9	-1.4	52	47	2.25	24.8	59.7	1.7	81	79	13.98	25.2	50.7	7.8	46	71	5.16
2018 Vine	07250E	03037.50N	55082.51	99	55009.28	94808	24	71.3	-3	41	48	2.02	24.8	49.7	0.2	84	77	14.14	25.2	31.6	8	29	72	4.75
2018 Vine	07250E	03050.00N	55080.77	99	55006.19	95002	24	49	6.6	39	104	1.78	24.8	46.9	4	56	83	12.45	25.2	27.3	9.5	0	78	4.74
2018 Vine	07250E	03062.50N	55094.99	99	55018.65	95138	24	25.1	-4	127	55	2.21	24.8	23.4	-4.5	127	33	16.28	25.2	14.9	0.1	109	50	7.27

2018 Vine	07250E	03075.00N	55080.64	99	55004.43	95232	24	34.1	-3.1	63	41	2.39	24.8	30.1	-2.6	60	27	16.38	25.2	22.2	2.7	66	66	5.67
2018 Vine	07250E	03087.50N	55085.67	99	55009.66	95350	24	39.9	-9.9	52	46	2.23	24.8	38	-8	50	34	15.08	25.2	19.3	-3.2	42	73	5.14
2018 Vine	07250E	03100.00N	55084.08	99	55008.59	95444	24	37.9	-1.8	41	50	2.07	24.8	42.1	-0.5	41	36	13.51	25.2	20.9	5.3	28	74	4.83
2018 Vine	07250E	03112.50N	55081.08	99	55005.76	95538	24	21.3	-4.6	27	51	1.86	24.8	33.6	-5.9	59	80	12.31	25.2	6.2	0.3	7	76	4.63
2018 Vine	07250E	03125.00N	55088.14	99	55013.04	95632	24	7.1	-5.9	56	46	2.31	24.8	28.6	-7.7	97	73	15.02	25.2	17.2	-2.8	39	75	5.17
2018 Vine	07250E	03137.50N	55088.4	99	55013.1	95750	24	27.3	-9.2	51	48	2.24	24.8	18.3	-8.2	104	70	15.57	25.2	15	-2.9	41	76	5.29
2018 Vine	07250E	03150.00N	55089.73	99	55014.75	95850	24	29.6	-7	27	54	1.92	24.8	10.9	-5.1	67	83	13.23	25.2	-0.5	0.9	16	84	5.18
2018 Vine	07250E	03162.50N	55088.46	99	55014.04	95950	24	19.2	-4.6	32	53	1.99	24.8	16.6	-3.9	59	86	12.95	25.2	6.9	1.8	3	82	4.96
2018 Vine	07250E	03175.00N	55097.88	99	55023.81	100044	24	3.7	-1.2	55	49	2.36	24.8	8.6	-3.7	104	74	15.77	25.2	-14.9	-0.1	70	75	6.22
2018 Vine	07250E	03187.50N	55092.6	99	55017.98	100214	24	2.2	-2.6	44	53	2.2	24.8	14.1	-5	97	81	15.63	25.2	0.2	-1.2	32	80	5.23
2018 Vine	07250E	03200.00N	55091.04	99	55016.38	100308	24	8.9	-3.4	51	52	2.34	24.8	9.2	-3.7	96	83	15.72	25.2	16.3	-2.2	42	87	5.91
2018 Vine	07250E	03212.50N	55098.33	99	55024.01	100456	24	31.8	-8.5	45	55	2.29	24.8	35.3	-6	92	89	15.81	25.2	8.2	-0.8	24	83	5.25
2018 Vine	07250E	03225.00N	55095.39	99	55021.44	100556	24	30.7	-7	30	58	2.09	24.8	15.7	-3.6	73	93	14.61	25.2	4.6	0.5	16	89	5.5
2018 Vine	07250E	03237.50N	55084.27	99	55011.19	100708	24	23.2	-2.8	17	58	1.93	24.8	17.8	-0.9	46	99	13.5	25.2	2.7	2.6	-12	87	5.33
2018 Vine	07250E	03250.00N	55093	99	55020.63	100756	24	25.3	-9.5	46	56	2.32	24.8	4.7	-7.1	93	88	15.84	25.2	-0.3	-5	35	81	5.41
2018 Vine	07250E	03262.50N	55083.3	99	55011.25	100856	24	19.7	-13.6	33	58	2.14	24.8	8.9	-10.3	91	88	15.71	25.2	7.3	-9.5	41	84	5.67
2018 Vine	07250E	03275.00N	55091.13	99	55019.4	101014	24	36.3	-16.7	53	53	2.41	24.8	37.5	-13.7	118	77	17.44	25.2	9.6	-11.3	51	82	5.87
2018 Vine	07250E	03287.50N	55090.69	99	55019.02	101138	24	24.7	-17.8	56	52	2.46	24.8	13.5	-14.5	113	81	17.18	25.2	9.6	-15	54	85	6.11
2018 Vine	07250E	03300.00N	55097.01	99	55024.99	101232	24	44	-20.1	60	52	2.55	24.8	29	-15.7	111	80	16.91	25.2	17.8	-14	51	81	5.84
2018 Vine	07250E	03312.50N	55096.64	99	55024.82	101426	24	39.4	-20.9	50	53	2.34	24.8	37.1	-16.1	102	82	16.18	25.2	34.2	-15.7	41	83	5.62
2018 Vine	07250E	03325.00N	55096.18	99	55024.49	101514	24	32.5	-20.4	46	54	2.27	24.8	25.8	-17	94	87	15.77	25.2	22	-16.2	32	82	5.34
2018 Vine	07250E	03337.50N	55099.14	99	55028.01	101608	24	48	-22.9	47	52	2.23	24.8	37.7	-17.5	97	80	15.55	25.2	51.3	-19	37	78	5.24
2018 Vine	07250E	03350.00N	55097.48	99	55026.45	101656	24	44.8	-18.4	50	49	2.24	24.8	29.2	-13.4	98	81	15.68	25.2	30	-12.5	37	76	5.19
2018 Vine	07250E	03362.50N	55094.68	99	55023.89	101802	24	56.9	-17.5	51	47	2.2	24.8	51.7	-12.6	95	74	14.89	25.2	57.7	-11.6	41	71	5.01
2018 Vine	07250E	03375.00N	55098.65	99	55027.33	101850	24	53.6	-17.6	50	45	2.15	24.8	49	-12.4	79	58	12.11	25.2	55.9	-13	38	70	4.82
2018 Vine	07250E	03387.50N	55099.6	99	55027.88	101938	24	54.4	-16.3	41	45	1.94	24.8	52	-11.2	79	75	13.41	25.2	53.5	-10.6	23	69	4.41
2018 Vine	07250E	03400.00N	55102.32	99	55030.75	102032	24	44	-13	79	91	1.92	24.8	43.1	-8.2	67	73	12.24	25.2	21.9	-7.4	11	70	4.3
2018 Vine	07250E	03412.50N	55090.31	99	55019.18	102120	24	33.3	-10.4	84	89	1.95	24.8	30.4	-8.1	83	69	13.35	25.2	37.4	-10.6	28	65	4.34
2018 Vine	07250E	03425.00N	55091.49	99	55020.81	102214	24	29.2	-10.7	82	91	1.95	24.8	28.7	-8.3	81	67	13.02	25.2	30.7	-12.1	29	68	4.5
2018 Vine	07250E	03437.50N	55085.99	99	55015.4	102308	24	9.9	-9.5	83	88	1.93	24.8	2.6	-9.4	75	70	12.73	25.2	-6.9	-11	22	67	4.31
2018 Vine	07250E	03450.00N	55021.42	99	54950.87	102414	24	-33.5	-10.9	48	99	1.75	24.8	-36.6	-13.1	56	78	11.9	25.2	-39.8	-10.3	0	69	4.22
2018 Vine	07250E	03462.50N	55089.83	99	55019.47	102620	24	-24.3	-9.8	72	97	1.92	24.8	-21.1	-12.3	74	77	13.19	25.2	-25.1	-15.5	15	70	4.38
2018 Vine	07250E	03475.00N	55085.36	99	55015.35	102726	24	-31.9	-4.1	62	101	1.89	24.8	-30.8	-8.4	67	84	13.28	25.2	-34.8	-10.8	3	71	4.34
2018 Vine	07250E	03487.50N	55085.12	99	55015.19	102902	24	-12.1	-4	124	87	2.42	24.8	-42.5	-4.5	94	78	15.18	25.2	-59.5	-6.9	27	73	4.74
2018 Vine	07250E	03500.00N	55087.07	99	55017.55	103002	24	-19.3	-2.6	55	46	2.29	24.8	-13.2	-5.5	107	78	16.38	25.2	-41.7	-9.6	30	72	4.76
2018 Vine	07250E	03512.50N	55082.22	99	55012.49	103044	24	-36.3	-1.3	55	48	2.32	24.8	-26.6	-5.2	106	79	16.34	25.2	-46.2	-7.3	36	72	4.9
2018 Vine	07250E	03525.00N	55084.05	99	55014.24	103144	24	-26.1	-1.1	54	50	2.36	24.8	-26.3	-6	110	83	17	25.2	-51.8	-7.7	37	74	5.05
2018 Vine	07250E	03537.50N	55080.12	99	55010.65	103250	24	-47.2	-2.4	41	55	2.21	24.8	-49.1	-7.8	80	94	15.24	25.2	-76.4	-5.1	15	83	5.11
2018 Vine	07250E	03550.00N	55082.54	99	55013.65	103344	24	-34.4	-5.5	55	53	2.45	24.8	-30.2	-10.3	108	90	17.37	25.2	-57.7	-9.4	36	79	5.28
2018 Vine	07250E	03562.50N	55084.3	99	55016.52	103502	24	-10.4	-6.2	81	48	3	24.8	-20.7	-10.1	127	80	18.57	25.2	-42	-9	76	77	6.57
2018 Vine	07250E	03575.00N	55085.12	99	55017.7	103550	24	-10.9	-7.1	59	59	2.66	24.8	-33.7	-9.4	53	48	17.68	25.2	-75.2	-6.2	38	87	5.78
2018 Vine	07250E	03587.50N	55081.3	99	55015.18	103656	24	-41.5	-4.5	68	57	2.83	24.8	-37.2	-9.1	65	43	19.39	25.2	-60	-7	63	88	6.55
2018 Vine	07250E	03600.00N	55091.83	99	55026.62	103744	24	-31.6	-4.7	61	61	2.77	24.8	-25.1	-9.2	62	50	19.65	25.2	-27.2	-7.2	39	95	6.25
2018 Vine	07300E	03650.00N	55081.62	99	55017.51	110232	24	-43.9	14.3	54	64	2.66	24.8	-40.6	9	55	52	18.7	25.2	-58.4	11.1	37	92	6.06
2018 Vine	07300E	03637.50N	55081.65	99	55017.66	110326	24	-48.1	14.8	54	63	2.65	24.8	-38.8	9	59	52	19.54	25.2	-28.3	9.2	48	96	6.53
2018 Vine	07300E	03625.00N	55075.62	99	55012.02	110438	24	-47.8	14.5	95	50	3.44	24.8	-52.6	10.4	89	39	24.13	25.2	-51	10.2	100	80	7.78

2018 Vine	07300E	03612.50N	55075.72	99	55011.98	110544	24	-64.9	16	71	58	2.94	24.8	-52.4	10	74	46	21.45	25.2	-59.3	11.3	74	92	7.21
2018 Vine	07300E	03600.00N	55073.37	99	55009.65	110638	24	-56.4	13.4	77	56	3.04	24.8	-41.9	8.5	79	44	22.42	25.2	-59.7	9.3	73	84	6.8
2018 Vine	07300E	03587.50N	55080.33	99	55016.38	110750	24	-66.6	9.9	54	58	2.55	24.8	-61.1	5.5	55	46	17.85	25.2	-80.7	5.9	35	88	5.77
2018 Vine	07300E	03575.00N	55073.98	99	55009.96	110832	24	-89.9	12.6	40	56	2.2	24.8	-80.5	5	44	48	16.25	25.2	-93.7	6.3	11	82	5.01
2018 Vine	07300E	03562.50N	55071.11	99	55007.11	110920	24	-100.3	10.2	42	48	2.03	24.8	-97.5	10.7	52	42	16.62	25.2	-101.2	6.8	24	79	5.03
2018 Vine	07300E	03550.00N	55069.85	99	55005.84	111008	24	-87.5	16.6	51	47	2.23	24.8	-84.8	10	55	38	16.54	25.2	-92.4	2.9	35	74	4.97
2018 Vine	07300E	03537.50N	55073.01	99	55008.92	111056	24	-102.9	13.9	45	44	2.01	24.8	-87.6	4.8	50	38	15.67	25.2	-98.8	-1.4	28	74	4.79
2018 Vine	07300E	03525.00N	55072.86	99	55008.76	111138	24	-97.5	4.1	29	45	1.71	24.8	-93.5	-0.3	35	38	12.78	25.2	-91.7	-6.3	4	71	4.34
2018 Vine	07300E	03512.50N	55074.48	99	55010.35	111208	24	-94.5	3.2	27	43	1.65	24.8	-92.3	-1.4	65	76	12.35	25.2	-89	-7.6	3	66	4.01
2018 Vine	07300E	03500.00N	55075.46	99	55011.49	111250	24	-77.4	2.1	63	89	1.74	24.8	-75.8	-1.6	70	74	12.59	25.2	-72	-7.9	8	66	4.04
2018 Vine	07300E	03487.50N	55075.41	99	55011.57	111326	24	-76.5	-0.9	36	84	1.45	24.8	-73.7	-3.6	45	75	10.88	25.2	-50.8	-6.4	-10	65	4.03
2018 Vine	07300E	03475.00N	55076.45	99	55012.52	111402	24	-57.7	6.9	74	84	1.79	24.8	-54.2	2.8	82	69	13.33	25.2	-50.5	-2.1	23	63	4.07
2018 Vine	07300E	03462.50N	55069.78	99	55005.71	111444	24	-46.4	6.2	87	82	1.91	24.8	-38.4	1.8	88	67	13.65	25.2	-35.6	-2.4	29	66	4.38
2018 Vine	07300E	03450.00N	55064.22	99	55000.26	111526	24	-21.6	6.3	61	90	1.74	24.8	-25	5.6	71	74	12.72	25.2	-14.6	2.7	13	68	4.21
2018 Vine	07300E	03437.50N	55048.4	99	54986.12	121144	24	-19.4	-5.9	13	-3	0.21	24.8	-23	3.5	86	74	14.03	25.2	-20	2.5	28	71	4.65
2018 Vine	07300E	03425.00N	55056.88	99	54994.59	121302	24	-25.2	-2.8	45	1	0.17	24.8	-4	-1.4	84	79	14.25	25.2	0.6	-3.6	23	75	4.79
2018 Vine	07300E	03412.50N	55078.36	99	55015.56	121350	24	-21	-4.3	45	1	0.17	24.8	-14.3	-2.2	87	72	14.01	25.2	-6.8	-4.4	30	71	4.72
2018 Vine	07300E	03400.00N	55080.54	99	55017.24	121432	24	-8	-1.1	45	0	0.17	24.8	-10	-5	81	78	13.97	25.2	0.1	-6.2	26	76	4.9
2018 Vine	07300E	03387.50N	55075.66	99	55012.5	121526	24	-17.3	-3.5	47	0	0.18	24.8	-13.2	-2.1	97	79	15.51	25.2	-1.6	-4.6	33	77	5.1
2018 Vine	07300E	03375.00N	55075.02	99	55011.57	121626	24	-18.3	-1.4	47	0	0.18	24.8	-19.6	-2.4	88	87	15.31	25.2	-10.9	-5.7	27	80	5.14
2018 Vine	07300E	03362.50N	55076.4	99	55013.11	121714	24	-13.9	-4.8	50	0	0.2	24.8	-10.6	-4.2	112	80	17.04	25.2	-6.3	-6	49	76	5.51
2018 Vine	07300E	03350.00N	55079.25	99	55024.08	121756	24	6.1	-7.8	127	124	0.7	24.8	1.8	-6.8	110	83	17.04	25.2	5.4	-8.4	48	83	5.82
2018 Vine	07300E	03337.50N	55072.13	99	55009.57	121844	24	6.5	-6.2	89	125	1.22	24.8	-0.6	-4.8	74	93	14.67	25.2	1.8	-7	14	85	5.26
2018 Vine	07300E	03325.00N	55081.73	99	55018.53	122032	24	-11.3	-3.4	55	69	1.4	24.8	-12.1	-4.9	86	92	15.57	25.2	-3.8	-7.9	25	85	5.38
2018 Vine	07300E	03312.50N	55063.93	99	55000.29	122138	24	-3.7	-4.4	82	83	1.86	24.8	-3.5	-4.4	100	89	16.58	25.2	11.7	-6.7	50	85	6.02
2018 Vine	07300E	03300.00N	55064.76	99	55001.11	122256	24	-16.9	0.5	125	100	2.55	24.8	-19.2	-0.9	127	78	18.39	25.2	-16.4	-3.6	75	80	6.68
2018 Vine	07300E	03287.50N	55064.93	99	55001.4	122344	24	-6.8	-2.8	53	54	2.41	24.8	-11.9	-2.1	51	43	16.59	25.2	-8.8	-4.8	39	84	5.64
2018 Vine	07300E	03275.00N	55065.32	99	55002.07	122508	24	-25.1	0.1	58	50	2.45	24.8	-29.2	-0.2	55	41	17.01	25.2	-25.4	-4.6	48	85	5.95
2018 Vine	07300E	03262.50N	55063.96	99	55000.77	122556	24	-27.9	1.5	53	50	2.33	24.8	-30.6	-0.6	51	41	16.22	25.2	-25.4	-5.3	40	84	5.69
2018 Vine	07300E	03250.00N	55061.78	99	54998.6	122732	24	-35.3	1.9	49	50	2.23	24.8	-38.5	0.3	44	42	15.08	25.2	-32.8	-4.6	27	85	5.43
2018 Vine	07300E	03237.50N	55068.65	99	55005.73	122814	24	-41.7	4.9	40	50	2.05	24.8	-32	0.8	80	88	14.71	25.2	-25.5	-3.5	30	83	5.41
2018 Vine	07300E	03225.00N	55066.1	99	55003.46	122908	24	-24.6	5.3	49	49	2.22	24.8	-27.6	2.7	95	84	15.69	25.2	-22.3	0.1	36	83	5.5
2018 Vine	07300E	03212.50N	55067.85	99	55005.56	122956	24	-18.3	1.2	70	109	2.07	24.8	-20.3	-0.1	71	94	14.58	25.2	-17.3	-1	12	90	5.51
2018 Vine	07300E	03200.00N	55063.84	99	55002.12	123056	24	-21.7	2.5	75	110	2.12	24.8	-24.8	0.2	77	93	14.91	25.2	-13.5	-2.3	20	89	5.53
2018 Vine	07300E	03187.50N	55058.54	99	54997.18	123144	24	-19.5	3.2	67	111	2.08	24.8	-20.5	-0.4	70	93	14.41	25.2	-18.9	-0.9	13	88	5.41
2018 Vine	07300E	03175.00N	55062.65	99	55001	123250	24	-19.9	2.5	27	104	1.72	24.8	-21.1	0.3	35	98	12.89	25.2	-14.7	0.6	-22	89	5.57
2018 Vine	07300E	03162.50N	55064.39	99	55002.11	123350	24	-15.6	5	102	101	2.28	24.8	-17.7	2.2	98	84	15.95	25.2	7.4	1.1	34	87	5.66
2018 Vine	07300E	03150.00N	55063.74	99	55001.19	123426	24	-29.8	7.2	69	105	2.01	24.8	-36.8	2.5	54	75	11.51	25.2	-29.1	4.4	2	86	5.21
2018 Vine	07300E	03137.50N	55065.77	99	55002.86	123632	24	-18.7	4.3	62	108	1.98	24.8	-19.7	1.7	67	93	14.18	25.2	-22.7	2.8	9	87	5.35
2018 Vine	07300E	03125.00N	55060.19	99	54997.31	123732	24	-5.7	3.3	114	93	2.35	24.8	-2.8	2.3	111	77	16.74	25.2	-7.1	4.6	53	80	5.85
2018 Vine	07300E	03112.50N	55058.33	99	54995.7	123950	24	-14.7	8.2	99	105	2.3	24.8	7.3	4.6	100	83	16.04	25.2	11.8	7.4	41	82	5.58
2018 Vine	07300E	03100.00N	55068.89	99	55006.21	124044	24	-12.7	5.2	38	101	1.72	24.8	2.4	2.4	49	102	14.06	25.2	-2.3	4.6	-11	88	5.41
2018 Vine	07300E	03087.50N	55061.45	99	54998.4	124156	24	-19.4	5.1	127	74	2.35	24.8	-15.6	4.1	127	58	17.28	25.2	-13	5.7	100	67	7.33
2018 Vine	07300E	03075.00N	55053.87	99	54990.8	124332	24	-41.6	8.5	54	46	2.28	24.8	-8.2	3.7	50	39	15.82	25.2	-17.2	6.5	41	83	5.64
2018 Vine	07300E	03062.50N	55056.95	99	54993.83	124438	24	-17.8	8.1	52	45	2.22	24.8	-16.7	7	51	38	15.79	25.2	-22.6	10.6	46	83	5.78
2018 Vine	07300E	03050.00N	55057.77	99	54995.16	124608	24	-12.2	8	25	47	1.71	24.8	-22.9	9.4	40	42	14.45	25.2	-8.5	10.6	-10	84	5.13

2018 Vine	07300E	03037.50N	55055.27	99	54993.28	124720	24	-4	9.5	113	101	2.42	24.8	3.1	8.4	105	85	16.71	25.2	-2.6	13.5	45	83	5.77
2018 Vine	07300E	03025.00N	55053.1	99	54991.36	124820	24	-19.4	13.1	93	106	2.25	24.8	-21.6	11.4	92	90	15.96	25.2	-19.2	14.1	32	84	5.5
2018 Vine	07300E	03012.50N	55056.97	99	54995.23	124920	24	-4	10.2	113	103	2.43	24.8	8.9	8.4	111	87	17.49	25.2	2.6	11.9	50	83	5.91
2018 Vine	07300E	03000.00N	55053.27	99	54991.65	125002	24	-19.3	-24.1	23	-57	0.98	24.8	7.6	39.1	8	60	7.48	25.2	18.3	8.7	-45	86	5.89
2018 Vine	07300E	02987.50N	55060.46	99	54998.74	125056	24	8.5	15.3	29	100	1.66	24.8	16.4	14.2	35	104	13.51	25.2	11.6	13.3	-19	91	5.64
2018 Vine	07300E	02975.00N	55058.24	99	54996.5	125238	24	3.6	15.9	22	88	1.45	24.8	17.8	21.2	18	103	12.92	25.2	18.6	12.2	-38	88	5.83
2018 Vine	07350E	03025.00N	55075.15	99	55015.53	130056	24	54.4	2.5	81	106	2.13	24.8	37.9	5.6	86	93	15.61	25.2	28.6	12	26	85	5.43
2018 Vine	07350E	03037.50N	55078.28	99	55018.89	130150	24	65.3	0.1	96	102	2.24	24.8	66.1	1.8	92	89	15.81	25.2	51.3	10	31	85	5.52
2018 Vine	07350E	03050.00N	55076.83	99	55017.48	130238	24	40.5	3.7	100	101	2.26	24.8	43.8	4.3	95	91	16.24	25.2	31.1	12	35	85	5.58
2018 Vine	07350E	03062.50N	55069.86	99	55010.09	130338	24	50.4	3	87	106	2.18	24.8	40.2	4.9	82	93	15.28	25.2	25	13.7	21	86	5.36
2018 Vine	07350E	03075.00N	55073.7	99	55013.16	130420	24	33	2.4	86	101	2.12	24.8	27.5	3.2	83	90	15.09	25.2	12.9	10.6	26	83	5.28
2018 Vine	07350E	03087.50N	55080.64	99	55019.85	130508	24	41.7	-0.3	80	102	2.07	24.8	30.2	1.1	83	91	15.28	25.2	19.6	7.1	24	86	5.46
2018 Vine	07350E	03100.00N	55076.21	99	55014.8	130550	24	29.5	-2.1	57	109	1.96	24.8	23.4	-2.1	59	93	13.61	25.2	2.9	4.5	2	88	5.34
2018 Vine	07350E	03112.50N	55069.89	99	55007.9	130708	24	41.7	-6.8	83	104	2.12	24.8	31.3	-5.8	77	92	14.85	25.2	21.9	-0.3	21	87	5.45
2018 Vine	07350E	03125.00N	55067.48	99	55004.62	130808	24	36.1	-8.3	121	95	2.44	24.8	29	-7.4	113	80	17.08	25.2	20.8	-2.7	55	85	6.19
2018 Vine	07350E	03137.50N	55083.59	99	55019.93	130932	24	31.8	-8.2	124	95	2.49	24.8	23.7	-7.3	120	83	17.97	25.2	6.2	-1.3	60	87	6.39
2018 Vine	07350E	03150.00N	55083.15	99	55020.83	131026	24	55.9	-10.8	52	47	2.24	24.8	33.8	-6.5	103	86	16.59	25.2	25.3	0	41	86	5.77
2018 Vine	07350E	03162.50N	55084.3	99	55022.55	131114	24	43.5	-7.8	45	52	2.2	24.8	42.7	-5.9	89	92	15.85	25.2	21.4	1.1	24	86	5.41
2018 Vine	07350E	03175.00N	55071.77	99	55009.6	131156	24	66.9	-7.9	36	52	2.02	24.8	63.8	-3.9	77	93	14.96	25.2	42.8	1.9	20	87	5.4
2018 Vine	07350E	03187.50N	55074.2	99	55011.64	131332	24	32.1	-7.2	59	47	2.42	24.8	22.2	-5.5	95	86	15.84	25.2	19.1	0.6	39	87	5.82
2018 Vine	07350E	03200.00N	55072.85	99	55009.88	131414	24	54.6	-11.7	33	49	1.9	24.8	48.5	-8.4	66	89	13.68	25.2	44.4	-2.6	6	83	5.09
2018 Vine	07350E	03212.50N	55083.52	99	55020.25	131508	24	42.6	-12.7	77	99	2.01	24.8	47.5	-11.7	80	88	14.72	25.2	39.8	-5.6	21	82	5.18
2018 Vine	07350E	03225.00N	55080.26	99	55026.16	131556	24	44.5	-17.6	64	97	1.85	24.8	38.6	-15	65	90	13.68	25.2	26.2	-9.4	13	84	5.16
2018 Vine	07350E	03237.50N	55080.4	99	55018.52	131650	24	41.7	-16.7	82	98	2.04	24.8	33.9	-13.6	83	86	14.75	25.2	27	-8.1	25	82	5.24
2018 Vine	07350E	03250.00N	55075.4	99	55014.14	131732	24	24.4	-16.3	60	95	1.79	24.8	32.1	-15.3	73	88	14.13	25.2	23.5	-10.1	13	75	4.62
2018 Vine	07350E	03262.50N	55080.93	99	55020.6	131826	24	17	-11.1	85	99	2.08	24.8	16.3	-10.8	83	90	15.14	25.2	10.6	-6.9	24	83	5.23
2018 Vine	07350E	03275.00N	55079.76	99	55020.09	131902	24	15.1	-9.7	66	103	1.95	24.8	13.7	-10	69	91	14.18	25.2	9.6	-6.2	12	85	5.19
2018 Vine	07350E	03287.50N	55076.36	99	55017.42	131938	24	26.5	-13	87	102	2.13	24.8	5.4	-9.9	86	89	15.29	25.2	-3.8	-5.9	25	84	5.35
2018 Vine	07350E	03300.00N	55073.15	99	55014.64	132026	24	31.6	-12.4	78	104	2.07	24.8	22.2	-9.8	78	92	14.85	25.2	14.4	-6.2	17	86	5.32
2018 Vine	07350E	03312.50N	55078.41	99	55020.45	132114	24	26.5	-13.3	95	104	2.25	24.8	15.9	-11.2	91	91	15.92	25.2	0.8	-7	26	87	5.55
2018 Vine	07350E	03325.00N	55082.68	99	55024.76	132156	24	47.6	-14.5	97	101	2.23	24.8	44.2	-12.1	99	91	16.58	25.2	12.1	-5.5	40	84	5.68
2018 Vine	07350E	03337.50N	55071.41	99	55013.56	132302	24	28.3	-11.8	110	99	2.36	24.8	28.3	-10.9	108	88	17.19	25.2	4.8	-6.2	45	82	5.71
2018 Vine	07350E	03350.00N	55071.55	99	55013.14	132438	24	38.7	-16	95	102	2.22	24.8	43.3	-14.5	96	89	16.12	25.2	30.1	-8.8	28	83	5.34
2018 Vine	07350E	03362.50N	55076.95	99	55018.26	132526	24	18	-12.3	99	99	2.22	24.8	17.6	-11	97	84	15.83	25.2	17.4	-6.5	37	83	5.54
2018 Vine	07350E	03375.00N	55083.88	99	55024.68	132632	24	36.5	-14.2	127	89	2.46	24.8	27.7	-11.9	119	75	17.4	25.2	20.6	-8.3	53	77	5.67
2018 Vine	07350E	03387.50N	55076.98	99	55017.38	132726	24	44.5	-16.3	44	46	2.02	24.8	45.1	-14.3	88	86	15.19	25.2	30.5	-7.3	25	81	5.14
2018 Vine	07350E	03400.00N	55083.71	99	55023.94	132802	24	55.1	-24.4	52	96	1.74	24.8	38.1	-14.8	60	86	13.03	25.2	30.3	-5.3	3	80	4.87
2018 Vine	07350E	03412.50N	55083.61	99	55023.97	132856	24	44.3	-13.9	122	79	2.31	24.8	32.4	-12	110	70	16.11	25.2	24.8	-4.8	43	72	5.09
2018 Vine	07350E	03425.00N	55085.83	99	55026.84	132956	24	36.2	-12.9	56	39	2.19	24.8	30.7	-10.3	107	68	15.68	25.2	15.2	-2.6	41	72	5.02
2018 Vine	07350E	03437.50N	55080.25	99	55020.91	133108	24	29.6	-10.2	53	40	2.13	24.8	40.2	-9.2	107	69	15.74	25.2	22.4	-1.9	50	71	5.28
2018 Vine	07350E	03450.00N	55088.4	99	55028.68	133156	24	33.9	-7.7	63	37	2.33	24.8	25.3	-6.7	117	63	16.41	25.2	17.1	-1.7	63	71	5.8
2018 Vine	07350E	03462.50N	55080.58	99	55020.5	133250	24	41.6	-7.8	39	39	1.78	24.8	27	-4.9	78	73	13.18	25.2	14.5	2.6	27	73	4.75
2018 Vine	07350E	03475.00N	55079.97	96	55019.68	133356	24	2.1	-2.4	70	87	1.78	24.8	-7.4	-2.3	62	76	12.15	25.2	-21.9	4.5	13	69	4.3
2018 Vine	07350E	03487.50N	55087.27	96	55026.87	133450	24	10.8	-4.8	94	80	1.97	24.8	-9.6	-2.8	82	71	13.45	25.2	-35.2	4.1	29	73	4.8
2018 Vine	07350E	03500.00N	55101.61	96	55041.04	133544	24	6.9	-3.8	83	82	1.86	24.8	-9.4	-2	92	69	14.21	25.2	-27.9	0.3	36	68	4.71
2018 Vine	07350E	03512.50N	55095.38	99	55035.1	133702	24	33.1	-0.8	19	0	0.3	24.8	-40.9	-2	59	78	12.14	25.2	-54.2	1	2	73	4.43

2018 Vine	07350E	03525.00N	55111.71	99	55051.49	133802	24	-44	1.1	117	112	1.28	24.8	-38.2	-3.5	79	79	13.84	25.2	-56.1	-2	20	73	4.65
2018 Vine	07350E	03537.50N	55087.66	99	55027.54	133908	24	-62.4	7.6	103	127	1.3	24.8	-63.8	-3.4	67	84	13.28	25.2	-85.6	-5.2	12	76	4.69
2018 Vine	07350E	03550.00N	55071.87	99	55011.66	134002	24	-48.4	8.3	109	84	2.19	24.8	-50.3	3	127	63	17.53	25.2	-61.3	-2.2	75	68	6.15
2018 Vine	07350E	03562.50N	55082.28	99	55021.89	134056	24	-11.9	5.7	113	91	2.31	24.8	-11.6	2.6	54	39	16.42	25.2	-39.8	1.7	44	80	5.54
2018 Vine	07350E	03575.00N	55079.78	99	55019.45	134144	24	-37.9	8.5	127	87	2.46	24.8	-47.9	4.6	64	34	17.87	25.2	-59.7	0.2	69	79	6.38
2018 Vine	07350E	03587.50N	55080.76	99	55019.93	134238	24	-55.6	15.9	45	51	2.18	24.8	-57.3	7.4	49	46	16.71	25.2	-82.7	5.8	28	89	5.66
2018 Vine	07350E	03600.00N	55088.45	99	55026.86	134326	24	-41.4	14.4	59	53	2.54	24.8	-38.2	8.1	119	98	19.08	25.2	-51.6	6.6	52	93	6.49
2018 Vine	07350E	03612.50N	55086.59	99	55025.09	134426	24	-26.6	14	53	58	2.51	24.8	-40.3	9.1	89	110	17.51	25.2	-52.5	11.6	26	98	6.19
2018 Vine	07350E	03625.00N	55084.72	99	55023.27	134520	24	-23.3	11.6	66	56	2.78	24.8	-26.3	8.8	123	106	20.01	25.2	-32.6	9	60	98	6.98
2018 Vine	07350E	03637.50N	55080.6	99	55019.27	134614	24	9.1	6.4	60	58	2.68	24.8	-17.2	8.6	56	51	18.76	25.2	-28.7	12.2	42	97	6.46
2018 Vine	07350E	03650.00N	55079.87	99	55018.61	134656	24	-10.5	10.2	66	58	2.79	24.8	-12.9	7.1	65	50	20.39	25.2	-19.6	9.2	57	96	6.8
2018 Vine	07350E	03662.50N	55082.42	99	55021.11	134744	24	-3.1	6.1	72	53	2.88	24.8	-11.5	4.4	72	47	21.24	25.2	-15.6	6.6	70	93	7.07
2018 Vine	07350E	03675.00N	55083.21	99	55021.95	134820	24	6.7	5.1	45	60	2.38	24.8	-8.2	5	52	52	18.3	25.2	-15	7.9	35	96	6.2
2018 Vine	07350E	03687.50N	55081.58	99	55020.38	134908	24	23.3	0	46	57	2.35	24.8	-3.2	3.5	42	53	16.88	25.2	-8	7.3	11	101	6.15
2018 Vine	07350E	03700.00N	55073.89	99	55012.98	134950	24	10.2	1.6	50	55	2.37	24.8	18.3	0	52	48	17.65	25.2	3.2	4.1	35	94	6.13
2018 Vine	07400E	03725.00N	55069.61	99	55004.06	141050	24	-19.5	2.9	23	44	1.58	24.8	-0.5	1.7	20	52	13.75	25.2	-13.5	1.6	-6	88	5.36
2018 Vine	07400E	03712.50N	55069.55	99	55003.76	141214	24	-7.3	8.6	127	98	2.56	24.8	-4.4	7.3	64	40	18.9	25.2	-23.1	8.6	67	81	6.39
2018 Vine	07400E	03700.00N	55070.79	99	55004.55	141256	24	-19.3	15	68	51	2.71	24.8	-12.2	13	62	45	18.99	25.2	-23.6	13.9	63	86	6.48
2018 Vine	07400E	03687.50N	55066.07	99	54999.54	141344	24	-10.8	17.7	35	58	2.17	24.8	-2.3	14.2	37	55	16.51	25.2	-14	13.4	14	97	5.96
2018 Vine	07400E	03675.00N	55066.48	99	55000.06	141432	24	-40.4	25.7	54	56	2.48	24.8	-29.4	16.8	75	45	21.77	25.2	-38.3	14.8	75	90	7.11
2018 Vine	07400E	03662.50N	55069.63	99	55003.49	141544	24	-37.2	22.2	75	54	2.95	24.8	-37.6	17.8	73	46	21.45	25.2	-55	16.8	74	93	7.2
2018 Vine	07400E	03650.00N	55069.49	99	55003.39	141632	24	-58.9	26.8	69	54	2.8	24.8	-60.3	20.2	66	45	19.88	25.2	-59.1	14.3	72	89	6.94
2018 Vine	07400E	03637.50N	55065.68	99	54999.36	141744	24	-69.4	28	61	50	2.51	24.8	-60.5	18.9	61	44	18.76	25.2	-82	14	55	87	6.27
2018 Vine	07400E	03625.00N	55068.08	99	55001.37	141832	24	-68	25.8	57	47	2.35	24.8	-45.1	15.2	59	43	18.1	25.2	-59.5	8.1	51	83	5.95
2018 Vine	07400E	03612.50N	55066.58	99	54999.22	142220	24	-83.3	24.2	67	36	2.42	24.8	-81.4	16.5	66	31	18.02	25.2	-97.2	6.6	62	68	5.59
2018 Vine	07400E	03600.00N	55083.43	99	55016.01	142332	24	-88.6	28.1	32	39	1.61	24.8	-89.5	15.2	35	40	13.11	25.2	-94.4	7.2	6	76	4.62
2018 Vine	07400E	03587.50N	55079.84	99	55012.07	142508	24	-73.2	25.1	94	85	2.01	24.8	-76.3	18.3	93	75	14.75	25.2	-96.7	11.3	28	74	4.82
2018 Vine	07400E	03575.00N	55080.4	99	55012.44	142602	24	-72.8	19.3	107	81	2.14	24.8	-62.3	10.4	110	70	16.06	25.2	-84.6	4.4	46	71	5.15
2018 Vine	07400E	03562.50N	55080.04	99	55011.72	142650	24	-67.3	12.6	94	82	1.99	24.8	-54.7	5.8	94	73	14.75	25.2	-77.5	0.9	30	72	4.75
2018 Vine	07400E	03550.00N	55081.29	99	55013.12	142726	24	-56.6	11.2	86	75	1.82	24.8	-58.7	6.2	87	67	13.64	25.2	-79.5	1.5	29	69	4.59
2018 Vine	07400E	03537.50N	55076.11	99	55007.92	142814	24	-55.8	14.5	63	80	1.61	24.8	-50.1	8.1	64	76	12.33	25.2	-69.5	5.6	3	69	4.2
2018 Vine	07400E	03525.00N	55077.94	99	55009.75	142902	24	-40.5	14.6	96	73	1.92	24.8	-36.2	8.1	97	68	14.68	25.2	-54.8	6	36	69	4.74
2018 Vine	07400E	03512.50N	55083.94	99	55015.83	142944	24	-43.2	10.4	80	82	1.82	24.8	-38.8	6	81	72	13.36	25.2	-56.7	3.1	18	70	4.42
2018 Vine	07400E	03500.00N	55079.77	99	55011.39	143026	24	-34.2	10.1	53	81	1.54	24.8	-23.5	4.1	73	75	12.94	25.2	-32.4	0.7	16	72	4.5
2018 Vine	07400E	03487.50N	55077.15	99	55008.85	143126	24	-24.6	8.5	70	80	1.69	24.8	-23.8	4.8	74	73	12.85	25.2	-36.4	1.5	8	70	4.27
2018 Vine	07400E	03475.00N	55081.04	99	55013.13	143208	24	-22.2	5.3	74	82	1.76	24.8	-20.9	3.1	75	78	13.38	25.2	-31.5	1.5	9	72	4.44
2018 Vine	07400E	03462.50N	55074.96	99	55006.91	143344	24	-7	-1.5	73	84	1.77	24.8	-4.9	-1.9	79	81	14.01	25.2	-11.5	-1.7	13	75	4.63
2018 Vine	07400E	03450.00N	55074.49	99	55006.39	143420	24	-16.8	-1.2	72	87	1.81	24.8	-10.4	-3.1	72	81	13.42	25.2	-3.1	-4.6	9	76	4.68
2018 Vine	07400E	03437.50N	55078.24	99	55009.57	143514	24	-21.9	-2.5	106	83	2.14	24.8	-13.2	-4.8	106	74	15.98	25.2	-16	-5.7	39	74	5.1
2018 Vine	07400E	03425.00N	55074.5	99	55005.86	143544	24	-22.6	-3.3	74	90	1.85	24.8	1	-8.1	83	83	14.59	25.2	1.6	-9.2	22	76	4.81
2018 Vine	07400E	03412.50N	55076.39	99	55007.83	143638	24	-10.4	-2.5	121	81	2.33	24.8	-6.7	-3.5	122	71	17.51	25.2	-17	-3.2	49	71	5.26
2018 Vine	07400E	03400.00N	55073.36	99	55004.76	143738	24	-30.4	1	116	84	2.28	24.8	-18.7	-2.9	57	37	16.93	25.2	-16.1	-3.6	46	74	5.3
2018 Vine	07400E	06900.00N	55080.68	99	55006.4	90344	24	-10.3	2.9	46	4	0.18	24.8	-10.1	11.7	62	24	16.56	25.2	0.4	8.8	89	53	6.31
2018 Vine	07400E	06887.50N	55080.18	99	55005.67	90456	24	-11.1	3.8	49	8	0.19	24.8	-10.7	12	57	26	15.5	25.2	-4.1	9.5	72	53	5.41
2018 Vine	07400E	03387.50N	55076.63	99	55003.46	90702	24	-5	-3.9	40	0	0.16	24.8	-1.2	-7.1	35	37	12.73	25.2	-8.3	0.2	25	43	3.05
2018 Vine	07400E	03375.00N	55072.04	99	54998.96	90808	24	-9.1	-4.7	42	4	0.17	24.8	-14.1	-4	92	71	14.38	25.2	-20.8	8.3	97	113	4.53

2018 Vine	07400E	03362.50N	55073.55	99	54999.97	90856	24	-16.3	-4.9	42	3	0.17	24.8	-19.3	-4.1	92	70	14.31	25.2	-19.1	6.8	101	118	4.71
2018 Vine	07400E	03350.00N	55071.43	99	54997.83	90950	24	-29	-9.1	38	5	0.15	24.8	-30.9	-3.7	80	78	13.84	25.2	-37.6	21.1	68	113	4
2018 Vine	07400E	03337.50N	55071.87	99	54997.99	91050	24	-24.4	-7.7	40	4	0.16	24.8	-25	-4	88	72	14.05	25.2	-30.5	13.4	84	113	4.29
2018 Vine	07400E	03325.00N	55071.41	99	54997.26	91132	24	-24.5	-9.1	43	2	0.17	24.8	-25.8	-3.9	87	73	14.05	25.2	-29.2	13.4	89	120	4.55
2018 Vine	07400E	03312.50N	55066.24	99	54992.09	91244	24	-28.9	-9.7	38	0	0.15	24.8	-37.5	-4.9	77	72	13.04	25.2	-42.8	19.6	70	115	4.09
2018 Vine	07400E	03300.00N	55071.32	99	54997.39	91332	24	-29.2	-8.6	38	2	0.15	24.8	-36.2	-5.5	74	73	12.85	25.2	-45.7	21.3	65	113	3.97
2018 Vine	07400E	03287.50N	55076.03	99	55002.33	91420	24	-21.8	-10.3	38	0	0.15	24.8	-15	-7	64	77	12.35	25.2	-23.1	11.6	46	108	3.57
2018 Vine	07400E	03275.00N	55075.37	99	55002.07	91502	24	-24.9	-8.7	40	3	0.16	24.8	-17.2	-6.8	62	77	12.21	25.2	-21.1	10	42	107	3.48
2018 Vine	07400E	03262.50N	55070.51	99	54997.73	91602	24	-2.6	-3.5	36	-5	0.14	24.8	4.5	-12.9	52	81	11.95	25.2	-12	-13.6	17	62	1.95
2018 Vine	07400E	03250.00N	55063.41	99	54991.2	91708	24	-16.8	-2.3	35	-7	0.14	24.8	11.3	-5.6	37	81	11	25.2	-8.7	5.7	24	-127	3.93
2018 Vine	07400E	03237.50N	55059.42	99	54987.62	91808	24	-10.8	-3.8	39	0	0.15	24.8	10.4	-3.1	70	74	12.61	25.2	3.9	-6.2	28	63	4.2
2018 Vine	07400E	03225.00N	55075.66	99	55003.75	91914	24	-14.7	-3.9	43	6	0.17	24.8	12.1	1.1	97	68	14.67	25.2	10.6	-0.1	51	62	4.9
2018 Vine	07400E	03212.50N	55072.16	99	55000.15	92002	24	-7	2.2	40	4	0.16	24.8	5.6	0.8	82	75	13.68	25.2	-5.8	4.9	37	65	4.54
2018 Vine	07400E	03200.00N	55071.95	99	55000.07	92044	24	-11.6	-0.9	39	0	0.15	24.8	-2.2	2.1	84	78	14.14	25.2	7.6	1.2	45	67	4.93
2018 Vine	07400E	03187.50N	55073.42	99	55000.89	92250	24	-3.1	-0.2	39	4	0.15	24.8	9.1	1.2	84	81	14.48	25.2	9.1	0.2	38	70	4.87
2018 Vine	07400E	03175.00N	55070.97	99	54998.51	92344	24	-12	-2.9	38	4	0.15	24.8	-4.3	1.5	71	83	13.48	25.2	11	0	27	66	4.35
2018 Vine	07400E	03162.50N	55071.55	99	54999.62	92426	24	1	3	39	1	0.15	24.8	16.6	2.3	78	78	13.63	25.2	18.4	-3.1	33	66	4.49
2018 Vine	07400E	03150.00N	55068.16	99	54996.65	92508	24	-30.7	-5.9	39	2	0.15	24.8	-6.8	2.6	70	79	13.06	25.2	5	2.2	30	65	4.4
2018 Vine	07400E	03137.50N	55065.35	99	54994.06	92614	24	-7.9	0.5	39	3	0.15	24.8	15	2	81	73	13.47	25.2	10.3	-0.9	37	67	4.66
2018 Vine	07400E	03125.00N	55064.92	99	54993.61	92702	24	-14.8	1.8	36	-6	0.14	24.8	28.5	11.7	53	79	11.8	25.2	30	3.4	10	49	3.04
2018 Vine	07400E	03112.50N	55062.61	99	54990.71	92844	24	6.2	9	41	1	0.16	24.8	26.2	11.2	75	81	13.66	25.2	24.2	4.9	95	127	4.81
2018 Vine	07400E	03100.00N	55062.57	99	54990.71	92932	24	-8.8	1.4	40	0	0.16	24.8	-3	5.6	115	71	16.66	25.2	15.9	3.7	42	68	4.88
2018 Vine	07400E	03087.50N	55062.74	99	54990.78	93044	24	-5.7	9.1	38	3	0.15	24.8	15.7	11.7	75	85	13.98	25.2	18.7	7.9	25	67	4.38
2018 Vine	07400E	03075.00N	55061.49	99	54989.58	93144	24	13.8	9.6	40	-1	0.15	24.8	37.5	14.2	68	86	13.59	25.2	33.7	-3.6	20	64	4.1
2018 Vine	07400E	03062.50N	55061.64	99	54989.6	93226	24	6.8	10.4	42	3	0.16	24.8	27.1	12.5	96	84	15.77	25.2	28.2	7.9	37	67	4.69
2018 Vine	07400E	03050.00N	55063.75	99	54991.31	93314	24	4.7	9	45	13	0.18	24.8	16.2	11.7	103	76	15.87	25.2	11.8	12	56	68	5.37
2018 Vine	07450E	03100.00N	55066.4	99	54994.5	93950	24	44.6	17.1	41	5	0.16	24.8	51.7	9	92	84	15.41	25.2	64.7	-23.9	11	35	2.24
2018 Vine	07450E	03112.50N	55075.83	99	55003.92	94214	24	44.5	16.7	43	5	0.17	24.8	64.6	10.2	89	78	14.65	25.2	60	-7.2	71	122	4.3
2018 Vine	07450E	03125.00N	55080.69	99	55008.69	94314	24	36.5	17	41	2	0.16	24.8	51.8	11.8	95	74	14.9	25.2	53.2	0.1	55	63	5.1
2018 Vine	07450E	03137.50N	55086.67	99	55014.16	94414	24	22	11.9	42	5	0.16	24.8	41.6	4.1	106	66	15.38	25.2	26.6	-0.5	58	61	5.13
2018 Vine	07450E	03150.00N	55088.51	99	55016.34	94502	24	35.5	7.3	42	1	0.16	24.8	49.4	1	92	77	14.9	25.2	31.5	-4.5	47	69	5.11
2018 Vine	07450E	03162.50N	55082.89	99	55011.09	94544	24	25.7	10.4	39	3	0.15	24.8	44.1	6	85	83	14.69	25.2	40.6	-0.9	38	69	4.82
2018 Vine	07450E	03175.00N	55081.09	99	55009.27	94626	24	44.7	11.7	40	-1	0.16	24.8	51.6	5.2	87	79	14.51	25.2	43.4	-2.4	37	68	4.71
2018 Vine	07450E	03187.50N	55086.26	99	55014.4	94738	24	38.6	12.5	39	1	0.15	24.8	40.8	0	96	77	15.21	25.2	24.1	-2.1	36	70	4.82
2018 Vine	07450E	03200.00N	55078.08	99	55006.03	94832	24	52	12.9	43	4	0.17	24.8	36.2	0.4	86	80	14.54	25.2	32	-3.6	37	70	4.84
2018 Vine	07450E	03212.50N	55083.66	99	55011.53	94932	24	32.4	8	37	1	0.15	24.8	49	0.6	74	80	13.55	25.2	35.1	-6.8	26	69	4.49
2018 Vine	07450E	03225.00N	55078.64	99	55006.75	95038	24	35.5	7.7	44	3	0.17	24.8	48.7	-3.2	99	68	14.88	25.2	36.6	-7.7	51	67	5.11
2018 Vine	07450E	03237.50N	55084.92	99	55012.54	95120	24	29.2	5.6	41	-5	0.16	24.8	34.8	-2.3	65	80	12.84	25.2	25.6	-8.4	18	61	3.91
2018 Vine	07450E	03250.00N	55090.97	99	55017.64	95214	24	12.6	0.9	40	2	0.16	24.8	33.9	-6.6	79	77	13.62	25.2	26.4	-14.3	25	61	4.03
2018 Vine	07450E	03262.50N	55086.99	99	55015.03	95314	24	36.2	3.7	38	1	0.15	24.8	34.3	-5.1	64	80	12.68	25.2	35.5	-26.9	15	44	2.87
2018 Vine	07450E	03275.00N	55095.83	99	55024.19	95402	24	44.5	3.2	47	8	0.19	24.8	38.1	-8.1	117	61	16.31	25.2	26.7	-12	127	116	5.24
2018 Vine	07450E	03287.50N	55091.64	99	55019.76	95520	24	34	5.2	42	2	0.16	24.8	48.5	-5.7	86	74	14.01	25.2	23.7	-15.4	22	48	3.21
2018 Vine	07450E	03300.00N	55083.98	99	55011.2	95626	24	33.4	2.9	37	-1	0.14	24.8	58.9	3.1	53	63	10.16	25.2	-19.7	-10.4	32	-48	1.75
2018 Vine	07450E	03312.50N	55090.54	99	55016.88	95838	24	48.4	3.8	39	-4	0.15	24.8	56.7	-12.9	65	78	12.59	25.2	41.2	-64.3	48	77	1.38
2018 Vine	07450E	03325.00N	55089.5	99	55016.06	95956	24	41.1	2.8	41	4	0.16	24.8	32.5	-11	92	76	14.71	25.2	34	-25.7	127	127	2.73
2018 Vine	07450E	03337.50N	55084.13	99	55010.47	100108	24	41.4	3.1	42	3	0.16	24.8	49	-13.7	96	73	14.88	25.2	22.7	-21.3	63	95	3.45

2018 Vine	07450E	03350.00N	55090.67	99	55017.15	100156	24	40.2	1.4	43	3	0.17	24.8	45.9	-14.3	102	73	15.58	25.2	21.8	-23	74	113	4.09
2018 Vine	07450E	03362.50N	55091.48	99	55018.05	100302	24	46.2	0.7	43	2	0.17	24.8	45.3	-14.7	104	74	15.81	25.2	29.6	-23	96	115	4.55
2018 Vine	07450E	03375.00N	55100.14	99	55026.8	100402	24	38.5	0.3	43	6	0.17	24.8	27.9	-12.6	98	79	15.54	25.2	15.3	-14.7	83	115	4.31
2018 Vine	07450E	03387.50N	55089.84	99	55016.7	100502	24	34.1	-1.2	44	7	0.17	24.8	38.7	-13.5	107	75	16.2	25.2	42.4	-27.7	92	111	4.37
2018 Vine	07450E	03400.00N	55086.07	99	55013.2	100556	24	33.1	-2	49	5	0.19	24.8	19.4	-12.6	127	67	17.76	25.2	11.8	-14	127	115	5.22
2018 Vine	07450E	03412.50N	55089.43	99	55016.69	100650	24	21.3	1	42	3	0.16	24.8	25.1	-13.5	47	37	14.85	25.2	12.6	-19.5	36	50	3.78
2018 Vine	07450E	03425.00N	55094.78	99	55022.2	100756	24	20.2	-5.2	57	5	0.22	24.8	37.5	-16.2	127	48	16.81	25.2	15	-13.8	89	49	6.19
2018 Vine	07450E	03437.50N	55092.31	99	55019.82	100914	24	39	-3.7	45	9	0.18	24.8	23.9	-17	56	33	16.1	25.2	1.1	-16.3	51	53	4.5
2018 Vine	07450E	03450.00N	55099.17	99	55026.86	101020	24	36.1	-4.1	46	3	0.18	24.8	30.2	-18.8	54	33	15.81	25.2	-11.6	-11.1	39	47	3.7
2018 Vine	07450E	03462.50N	55095.63	99	55023.97	101126	24	38.6	-1.8	43	3	0.17	24.8	31.9	-18.2	47	35	14.51	25.2	1.1	-15.5	68	83	3.27
2018 Vine	07450E	03475.00N	55094.68	99	55023.75	101226	24	41.5	-1.3	45	4	0.18	24.8	23.8	-14.9	114	63	16.09	25.2	18.6	-23.6	100	98	4.25
2018 Vine	07450E	03487.50N	55096.14	99	55025.34	101326	24	36.2	-0.7	42	-1	0.16	24.8	14.7	-15.3	77	78	13.6	25.2	-28.1	17.2	56	64	2.58
2018 Vine	07450E	03500.00N	55092.72	99	55021.88	101432	24	39.1	-1.1	40	0	0.15	24.8	1.4	-15.8	64	81	12.73	25.2	5	43.2	33	-67	2.26
2018 Vine	07450E	03512.50N	55099.29	99	55028.49	101538	24	23.8	0	38	-3	0.15	24.8	13.8	-7.3	73	80	13.35	25.2	13.1	-10.8	49	60	2.37
2018 Vine	07450E	03525.00N	55091.09	99	55019.87	101644	24	22.6	-5.8	44	-6	0.17	24.8	9.1	-2.9	63	82	12.75	25.2	29	2.9	39	-38	1.67
2018 Vine	07450E	03537.50N	55089.39	99	55018.39	101726	24	38.1	2.6	45	3	0.17	24.8	2.1	-3.5	84	72	13.68	25.2	-14.3	22.4	126	117	2.6
2018 Vine	07450E	03550.00N	55094.72	99	55023.74	101826	24	33.6	4.5	41	1	0.16	24.8	0	-0.7	80	78	13.78	25.2	-7.9	29.2	57	69	2.72
2018 Vine	07450E	03562.50N	55088.82	99	55018.09	101938	24	48.4	0.3	47	-4	0.18	24.8	-0.7	0.5	85	72	13.76	25.2	3	16.1	69	79	3.18
2018 Vine	07450E	03575.00N	55088.24	99	55017.32	102102	24	36.2	-1.5	41	0	0.16	24.8	5.7	-5.1	78	72	13.12	25.2	-6.2	15.5	53	61	2.45
2018 Vine	07450E	03587.50N	55094.11	99	55022.94	102202	24	9.4	-5.2	43	0	0.17	24.8	-32.9	-3.6	69	80	13.11	25.2	14	114.2	34	-29	1.37
2018 Vine	07450E	03600.00N	55084.63	99	55012.96	102326	24	31.2	0.6	44	-7	0.17	24.8	-18.6	-3.3	54	87	12.61	25.2	39.8	28.9	39	-118	3.77
2018 Vine	07450E	03612.50N	55102.98	99	55030.8	102550	24	6.7	-9.9	41	2	0.16	24.8	-43.7	-1.8	83	82	14.41	25.2	-63.8	101.2	55	46	2.2
2018 Vine	07450E	03625.00N	55103.23	99	55031.06	102650	24	4.9	-9.8	46	6	0.18	24.8	-31.2	-0.6	107	79	16.41	25.2	-35.6	27.1	110	98	4.48
2018 Vine	07450E	03637.50N	55093.21	99	55021.81	102744	24	-3.4	-9.4	50	9	0.2	24.8	-33.5	1.2	125	80	18.3	25.2	-47.2	35.5	122	107	4.92
2018 Vine	07450E	03650.00N	55094.08	99	55023.36	102844	24	-8.9	-0.9	58	11	0.23	24.8	-35.3	3.6	74	37	20.39	25.2	-43.7	29.4	84	58	6.22
2018 Vine	07450E	03662.50N	55091.47	99	55021.06	102920	24	4.2	-1.8	48	14	0.2	24.8	-21.7	4.1	64	44	19.34	25.2	-32.1	35.2	60	52	4.87
2018 Vine	07450E	03675.00N	55092.27	99	55022.1	103002	24	6.4	-1.5	58	15	0.24	24.8	-23.4	3.5	80	39	22.08	25.2	-36.6	25.8	88	58	6.4
2018 Vine	07450E	03687.50N	55089.49	99	55019.58	103050	24	7.7	0	60	13	0.24	24.8	-5.7	1.1	86	37	23.11	25.2	-17.2	13.2	101	62	7.19
2018 Vine	07450E	03700.00N	55092.35	99	55022.61	103132	24	4.5	1.9	63	17	0.26	24.8	-6	0.6	86	37	23.28	25.2	-34.5	24	84	64	6.43
2018 Vine	07450E	03712.50N	55089.71	99	55020.58	103232	24	25.4	3.4	51	15	0.21	24.8	18.5	0.3	66	48	20.3	25.2	4.2	9.3	64	63	5.46
2018 Vine	07450E	03725.00N	55095.61	99	55026.77	103326	24	20.8	7.4	53	15	0.22	24.8	14.9	2.1	74	43	21.14	25.2	3.9	10.4	81	62	6.18
2018 Vine	07450E	03737.50N	55092.77	99	55024.33	103408	24	2.6	5.6	54	15	0.22	24.8	10	6.5	73	40	20.73	25.2	5.6	14	78	63	6.1
2018 Vine	07450E	03750.00N	55088.62	99	55020.7	103456	24	26.9	13.6	53	12	0.21	24.8	32.2	7.1	73	38	20.36	25.2	22.4	7.7	81	63	6.24
2018 Vine	07450E	03762.50N	55090.74	99	55022.78	103714	24	35.9	11.7	53	6	0.21	24.8	38.3	4.7	68	31	18.5	25.2	32	2	96	53	6.69
2018 Vine	07450E	03775.00N	55093.11	99	55024.89	103902	24	10.3	0.1	52	10	0.21	24.8	8.5	-3.8	70	27	18.59	25.2	-7.1	4.4	76	53	5.68
2018 Vine	07500E	03800.00N	55073.56	99	55007.14	105632	24	16.5	-6.2	44	0	0.17	24.8	-30.2	0.6	39	45	14.91	25.2	-54.3	57.2	35	46	3.52
2018 Vine	07500E	03787.50N	55064.77	99	54998.57	105750	24	-13.5	0.5	53	12	0.21	24.8	-16.6	10.7	127	77	18.39	25.2	-33.9	33.7	127	116	5.22
2018 Vine	07500E	03775.00N	55065.28	99	54999.29	105844	24	-8.2	7.3	55	12	0.22	24.8	-6.9	13.1	87	31	22.77	25.2	0.9	17.6	106	51	7.18
2018 Vine	07500E	03762.50N	55068.33	99	55001.85	110008	24	-18	6.4	62	13	0.25	24.8	-9.9	15.1	95	33	24.82	25.2	-9.2	24.2	111	53	7.48
2018 Vine	07500E	03750.00N	55080.03	99	55012.93	110126	24	-24.9	0	63	12	0.25	24.8	-18.6	11.4	100	29	25.77	25.2	-19.7	21	123	51	8.1
2018 Vine	07500E	03737.50N	55077.93	99	55010.72	110202	24	-26.8	2.3	68	15	0.27	24.8	-28.1	10.8	98	31	25.5	25.2	-32.4	22.9	61	25	8.07
2018 Vine	07500E	03725.00N	55082.42	99	55015.31	110250	24	-17.7	-1.2	50	8	0.2	24.8	-40.2	11.8	59	51	19.28	25.2	-46.8	56.4	24	24	4.14
2018 Vine	07500E	03712.50N	55075.02	99	55008.24	110344	24	-21.6	-4.6	53	15	0.22	24.8	-42	9.8	66	44	19.77	25.2	-52.1	43.7	59	54	4.91
2018 Vine	07500E	03700.00N	55068.78	99	55001.88	110432	24	-34.5	-4.1	53	11	0.21	24.8	-60.8	14.4	56	45	17.82	25.2	-67.6	78.7	44	43	3.75
2018 Vine	07500E	03687.50N	55079.37	99	55012.1	110608	24	-14.4	-2.9	49	-2	0.19	24.8	-49.1	9.9	40	49	15.59	25.2	-5.3	143.8	57	-13	1.79
2018 Vine	07500E	03675.00N	55075.54	99	55008.09	110714	24	-33.4	-8.8	45	0	0.18	24.8	-67.7	10.3	71	95	14.68	25.2	-5.3	184.5	47	-41	1.91

2018 Vine	07500E	03662.50N	55069.93	99	55002.57	110826	24	-35.3	-9.9	51	3	0.2	24.8	-72	7.2	127	69	17.91	25.2	-82.9	40	127	107	5.06
2018 Vine	07500E	03650.00N	55072.06	99	55004.93	110920	24	-21.2	-11.6	45	0	0.18	24.8	-77.3	7.3	45	37	14.48	25.2	-104.4	112.8	33	33	2.88
2018 Vine	07500E	03637.50N	55081.18	99	55013.85	111008	24	-24.8	-6.4	48	-9	0.19	24.8	-91.2	9.1	70	79	13.1	25.2	-35.8	200	17	-10	1.25
2018 Vine	07500E	03625.00N	55078.58	99	55011.19	111114	24	-22.5	-10.8	43	-2	0.17	24.8	-66.1	5.6	74	77	13.29	25.2	-86.5	147.6	19	18	1.63
2018 Vine	07500E	03612.50N	55075.34	99	55007.77	111220	24	-19.8	-8.1	44	4	0.17	24.8	-53.5	6.3	105	66	15.37	25.2	-68.3	49.6	79	93	3.71
2018 Vine	07500E	03600.00N	55071.3	99	55003.62	111320	24	9.7	0.1	44	-8	0.18	24.8	-37.8	8	56	78	11.95	25.2	38.2	47.2	41	-112	3.62
2018 Vine	07500E	03587.50N	55066.81	99	54999.86	111444	24	-16.3	-2.9	44	3	0.17	24.8	-30.8	8.4	93	70	14.38	25.2	-43.2	54.6	68	72	3.02
2018 Vine	07500E	03575.00N	55072.75	99	55006.23	111526	24	-20.8	-8.2	44	-6	0.17	24.8	-42.6	9.2	67	81	13.01	25.2	9.4	99.1	40	-55	2.07
2018 Vine	07500E	03562.50N	55069.86	99	55003.91	111708	24	-19.4	-5.2	47	0	0.18	24.8	-35.4	6.4	98	74	15.27	25.2	-27.4	32.2	86	94	3.87
2018 Vine	07500E	03550.00N	55072.74	99	55006.48	111808	24	-29.2	-3.2	47	6	0.19	24.8	-41.8	1.5	116	67	16.58	25.2	-54.1	36.8	87	94	3.89
2018 Vine	07500E	03537.50N	55079.81	99	55013.31	111920	24	-20	-4.7	48	2	0.19	24.8	-33.8	-3.6	88	75	14.31	25.2	-60	46.8	72	76	3.18
2018 Vine	07500E	03525.00N	55075.33	99	55008.94	112026	24	-17.8	-5.5	50	-5	0.2	24.8	-27.9	-2.2	77	79	13.68	25.2	-57.5	77.1	53	36	1.95
2018 Vine	07500E	03512.50N	55073.51	99	55007.02	112132	24	-31.8	-1.9	50	3	0.19	24.8	-12.8	-3.9	106	73	15.9	25.2	-22.9	13.7	108	98	4.42
2018 Vine	07500E	03500.00N	55074.62	99	55008.23	112226	24	-28	-6.9	53	-1	0.21	24.8	-23.2	-6.3	99	76	15.42	25.2	-26.6	10.3	83	97	3.88
2018 Vine	07500E	03487.50N	55066.21	99	54999.97	112332	24	-36.9	-5.1	49	0	0.19	24.8	-29.9	-7.2	82	81	14.28	25.2	-41.2	19.2	67	72	2.98
2018 Vine	07500E	03475.00N	55070.7	99	55004.55	112444	24	-48.2	-8.2	55	0	0.22	24.8	-43.9	-4.7	115	77	17.14	25.2	-42.8	15.3	89	97	3.99
2018 Vine	07500E	03462.50N	55072.63	99	55005.39	112826	24	-35.3	-5.9	52	-4	0.2	24.8	-23	-11.5	19	64	8.32	25.2	10.6	17.6	71	-127	4.44
2018 Vine	07500E	03450.00N	55075.75	99	55007.69	112938	24	-40.9	-9.4	62	-5	0.24	24.8	-21.5	-9.8	102	81	16.1	25.2	-34.6	7	38	49	3.8
2018 Vine	07500E	03437.50N	55076.9	99	55008.97	113038	24	-41.6	-12.3	55	-2	0.22	24.8	-39.6	-5.8	112	77	16.81	25.2	-34.2	8	94	111	4.43
2018 Vine	07500E	03425.00N	55053.2	99	54985.52	113202	24	-49.8	-11.4	55	-8	0.22	24.8	-13.2	-9.3	64	91	13.84	25.2	-15.9	36.4	27	-50	1.75
2018 Vine	07500E	03412.50N	55056.86	99	54989.65	113308	24	-45.5	-9.7	58	5	0.23	24.8	-14.9	-4.7	125	75	18	25.2	-24	6.3	121	117	5.11
2018 Vine	07500E	03400.00N	55081.88	99	55014.92	113414	24	-49.3	-12.1	56	-1	0.22	24.8	-31.3	-5.3	46	41	15.33	25.2	-38.4	13.2	77	114	4.18
2018 Vine	07500E	03387.50N	55071.85	99	55004.71	113820	24	-52.6	-8.4	54	-4	0.21	24.8	-22	-6.5	78	94	15.1	25.2	-41.6	30.4	35	69	2.35
2018 Vine	07500E	03375.00N	55072.7	99	55005.66	113914	24	-61.6	-18.2	58	0	0.23	24.8	-33.9	-2.8	111	75	16.62	25.2	-27.9	9.2	106	120	4.86
2018 Vine	07500E	03362.50N	55066.78	99	55000.1	114038	24	-64.1	-12.9	60	0	0.24	24.8	-21.9	-2.6	118	70	16.95	25.2	-17.9	4.4	115	120	5.05
2018 Vine	07500E	03350.00N	55070.35	99	55002.02	114144	24	-76.8	-12.6	56	-6	0.22	24.8	-29.9	-3.1	75	87	14.16	25.2	-18.5	9.1	50	114	3.79
2018 Vine	07500E	03337.50N	55076.15	99	55008.84	114232	24	-62.1	-13.2	65	-5	0.26	24.8	-18	-3.4	101	78	15.71	25.2	-22.7	8.1	79	118	4.33
2018 Vine	07500E	03325.00N	55052.67	99	54988.31	114408	24	-58.6	-8.6	64	4	0.25	24.8	-11.5	-0.2	118	70	16.89	25.2	-13.8	7.4	116	120	5.09
2018 Vine	07500E	03312.50N	55066.47	99	55000.67	114456	24	-58	-12.1	64	-3	0.25	24.8	-5.4	0.2	117	71	16.91	25.2	-8	6.8	117	122	5.13
2018 Vine	07500E	03300.00N	55064.75	99	54999.01	114544	24	-68.3	-10.3	63	-8	0.25	24.8	10.5	-0.9	92	83	15.3	25.2	7.8	-1	30	56	3.91
2018 Vine	07500E	03287.50N	55070.6	99	55004.28	114650	24	-62.9	-15.1	64	-7	0.25	24.8	4.6	-2	98	79	15.56	25.2	3.8	0.3	42	63	4.59
2018 Vine	07500E	03275.00N	55065.26	99	54998.44	114750	24	-71.2	-17.1	63	-9	0.25	24.8	-2.2	-1.6	95	82	15.44	25.2	-14.1	9.8	38	66	4.65
2018 Vine	07500E	03262.50N	55065.44	99	54998.38	114844	24	-76.8	-18.1	64	-12	0.26	24.8	10.8	0.6	81	88	14.81	25.2	-5.4	7.5	26	64	4.23
2018 Vine	07500E	03250.00N	55056.31	99	54989.06	114956	24	-70.2	-15.5	66	-12	0.26	24.8	16.3	3.8	72	86	13.91	25.2	18.7	0.3	16	61	3.82
2018 Vine	07500E	03237.50N	55051.47	99	54984.65	115044	24	-63.6	-11.1	66	-12	0.26	24.8	18	11	73	92	14.52	25.2	27.4	2.1	16	67	4.2
2018 Vine	07500E	03225.00N	55056.5	99	54989.6	115144	24	-63.5	-13.5	65	-5	0.26	24.8	16.5	11.4	92	93	16.17	25.2	18.6	9.6	35	75	5.02
2018 Vine	07500E	03212.50N	55061.97	99	54995.25	115226	24	-65.4	-14	68	-8	0.27	24.8	10.4	10.5	108	89	17.28	25.2	5.3	12.7	45	77	5.42
2018 Vine	07500E	03200.00N	55063.31	99	54997.02	115332	24	-75.4	-16.2	68	-15	0.27	24.8	2.4	14.5	81	98	15.73	25.2	12.1	20.7	16	44	2.86
2018 Vine	07500E	03187.50N	55069.54	99	55004.18	115456	24	-79.5	-17.2	66	-5	0.26	24.8	-1.3	14.1	103	94	17.27	25.2	37.5	8.6	56	127	4.22
2018 Vine	07500E	03175.00N	55062.83	99	54997.2	115556	24	-66.2	-16.6	66	-13	0.27	24.8	12.7	18.8	65	100	14.78	25.2	19	16.8	12	55	3.47
2018 Vine	07500E	03162.50N	55061.33	99	54995.32	115656	24	-56.5	-15.9	68	-12	0.27	24.8	15.7	18.9	76	98	15.34	25.2	17.8	17.2	21	64	4.12
2018 Vine	07500E	03150.00N	55060.6	99	54994.39	115750	24	-62.5	-13.3	69	-9	0.27	24.8	35.9	18	89	92	15.79	25.2	37.1	9.2	31	70	4.65
2018 Vine	06750E	06900.00N	55082.34	99	55004.18	95920	24	12.3	15.5	17	70	1.14	24.8	25	14.4	44	84	11.75	25.2	18.7	16.6	-17	73	4.58
2018 Vine	06750E	06912.50N	55081.1	99	55002.86	100050	24	18.9	15.6	25	69	1.16	24.8	24.7	14.2	47	83	11.82	25.2	11.6	16.7	-14	72	4.47
2018 Vine	06750E	02550.00N	55084.16	99	55006.06	100202	24	24.1	11.4	37	67	1.22	24.8	24.1	8.6	65	80	12.79	25.2	15.9	12.4	7	76	4.65
2018 Vine	06750E	02562.50N	55085.1	99	55007.01	100308	24	13.6	9.3	52	65	1.33	24.8	15.9	6.7	80	79	13.92	25.2	6.1	12.2	16	76	4.72

2018 Vine	06750E	02575.00N	55083	99	55004.92	100420	24	7.4	10.9	43	69	1.3	24.8	7.1	7.4	71	82	13.42	25.2	-7.9	15.2	15	79	4.91
2018 Vine	06750E	02587.50N	55082.55	99	55004.35	100514	24	-3.8	10.7	42	67	1.26	24.8	5.2	8.7	63	86	13.18	25.2	4.5	17.1	7	77	4.68
2018 Vine	06750E	02600.00N	55084.4	99	55005.71	100620	24	-13.3	5.6	65	63	1.44	24.8	-9.4	2.2	97	74	15.13	25.2	-24.9	13.6	38	78	5.31
2018 Vine	06750E	02612.50N	55091.62	99	55013.28	100726	24	-6	1.8	79	62	1.61	24.8	-6.4	-0.4	118	71	16.96	25.2	-30.2	8	54	71	5.43
2018 Vine	06750E	02625.00N	55088.41	99	55010.34	100820	24	-22.3	1.7	61	72	1.51	24.8	-14	-0.2	99	82	15.92	25.2	-34.6	10.5	37	82	5.47
2018 Vine	06750E	02637.50N	55091.28	99	55013.3	100902	24	-13.6	5.5	66	74	1.58	24.8	-8	3.4	103	90	16.9	25.2	-33.4	13.6	33	84	5.49
2018 Vine	06750E	02650.00N	55091.78	99	55014.19	100950	24	7.1	6.3	90	70	1.82	24.8	11.8	5.3	127	83	18.68	25.2	-22	11.2	62	84	6.38
2018 Vine	06750E	02662.50N	55097.7	99	55020.35	101056	24	6.2	8.1	95	70	1.88	24.8	6.1	6.2	71	38	20.01	25.2	-17.7	10.8	83	83	7.15
2018 Vine	06750E	02675.00N	55093.54	99	55015.73	101202	24	7.7	10.4	84	76	1.8	24.8	8	7.6	74	39	20.7	25.2	-11.7	14.8	48	92	6.33
2018 Vine	06750E	02687.50N	55092.15	99	55014.23	101250	24	29.7	10.8	93	74	1.9	24.8	28.6	9.6	67	44	19.91	25.2	-6.9	12.1	62	91	6.71
2018 Vine	06750E	02700.00N	55095.28	99	55016.19	101508	24	23.3	11.9	84	79	1.83	24.8	20.3	10.2	65	44	19.59	25.2	1.4	11.4	60	90	6.61
2018 Vine	06750E	02712.50N	55098.2	98	55018.9	101626	24	32.3	6.4	111	64	2.04	24.8	32.3	6.4	76	36	20.85	25.2	5	5.7	83	85	7.23
2018 Vine	06750E	02725.00N	55103.44	99	55024.2	101702	24	24.8	8.7	93	73	1.89	24.8	28.3	7.1	68	41	19.81	25.2	9.8	7.3	67	89	6.8
2018 Vine	06750E	02737.50N	55090.38	99	55011.49	101744	24	45.7	18.7	72	77	1.68	24.8	33.2	16.6	57	44	17.85	25.2	28.7	16.9	32	89	5.74
2018 Vine	06750E	02750.00N	55092.81	98	55014.37	101838	24	63.2	18.2	75	72	1.66	24.8	59.5	18.9	56	40	17.1	25.2	39.6	13.1	46	91	6.18
2018 Vine	06750E	02762.50N	55094.22	98	55015.91	101926	24	52	14.6	76	70	1.64	24.8	49.1	14.5	56	40	17.1	25.2	36.5	9.6	42	82	5.61
2018 Vine	06750E	02775.00N	55092.75	99	55014.57	102014	24	50.7	18	69	69	1.56	24.8	48.9	17.2	54	39	16.47	25.2	35.9	11.4	41	83	5.61
2018 Vine	06750E	02787.50N	55089.03	99	55011.07	102056	24	78.2	18.1	67	63	1.47	24.8	83.5	18.7	51	35	15.44	25.2	44.6	7.9	38	76	5.21
2018 Vine	06750E	02800.00N	55087.65	99	55009.82	102150	24	59.2	14.2	71	60	1.49	24.8	67.3	13.3	57	32	16.24	25.2	35.8	5.7	51	75	5.51
2018 Vine	06750E	02812.50N	55083.21	99	55005.3	102308	24	55	11.9	81	55	1.56	24.8	60.3	12.2	60	30	16.71	25.2	26.2	7.1	63	71	5.78
2018 Vine	06750E	02825.00N	55086.28	99	55008.49	102408	24	50.6	13.3	69	59	1.44	24.8	51.8	14.1	51	33	15.14	25.2	25.2	9.6	41	77	5.31
2018 Vine	06750E	02837.50N	55093.42	99	55015.83	102508	24	26	12.4	53	62	1.3	24.8	29.7	11.6	42	36	13.82	25.2	13.9	10	22	77	4.88
2018 Vine	06750E	02850.00N	55093.55	99	55015.97	102602	24	35.4	4	66	55	1.37	24.8	36.9	2.9	103	63	14.98	25.2	12.7	1.8	41	73	5.07
2018 Vine	06750E	02862.50N	55084.59	99	55007.16	102650	24	26.7	2	47	61	1.23	24.8	31.3	1.1	76	74	13.11	25.2	1.3	0.3	6	77	4.69
2018 Vine	06750E	02875.00N	55086.32	99	55009.23	102744	24	11.3	-2.8	44	63	1.22	24.8	16.2	-3.3	75	76	13.22	25.2	-3.4	-1.9	11	73	4.49
2018 Vine	06750E	02887.50N	55090.18	99	55013.29	102832	24	12.1	-6.7	70	56	1.43	24.8	13.6	-7.3	106	65	15.41	25.2	-12	-6.3	46	74	5.32
2018 Vine	06750E	02900.00N	55080.6	99	55003.78	102926	24	5.3	-9.6	101	39	1.73	24.8	6	-10.9	127	42	16.58	25.2	-18	-9.4	87	60	6.45
2018 Vine	06750E	02912.50N	55069.1	99	54991.54	103202	24	14.4	-11.8	111	28	1.82	24.8	8.7	-11.5	79	11	19.87	25.2	-20.4	-12.5	109	52	7.37
2018 Vine	06750E	02925.00N	55061.32	99	54983.23	103414	24	0.6	-18	71	60	1.48	24.8	4.7	-15.7	56	31	16.01	25.2	-31.9	-17.6	38	76	5.18
2018 Vine	06750E	02937.50N	55080.57	99	55002.3	103508	24	-11.7	-22.3	80	58	1.58	24.8	-7.2	-19.9	61	31	17.05	25.2	-36.6	-21.7	56	74	5.66
2018 Vine	06750E	02950.00N	55088.64	99	55010.61	103620	24	-11.3	-26.9	88	55	1.66	24.8	-6.7	-24.4	66	30	17.91	25.2	-36.8	-27	75	71	6.3
2018 Vine	06750E	02962.50N	55105.02	99	55027.09	103714	24	-1.6	-31.3	66	74	1.58	24.8	-5	-29.9	52	41	16.56	25.2	-41.4	-31	43	88	5.95
2018 Vine	06750E	02975.00N	55106.46	99	55028.7	103814	24	-2.3	-23.4	91	71	1.84	24.8	-0.1	-22.3	67	40	19.36	25.2	-27.6	-24.1	72	89	6.95
2018 Vine	06750E	02987.50N	55105.54	99	55027.99	103856	24	-17.2	-20.2	75	78	1.73	24.8	-13.1	-19.7	59	46	18.59	25.2	-27	-18.5	53	92	6.47
2018 Vine	06750E	03000.00N	55102.11	99	55024.69	103944	24	0.5	-12.3	41	90	1.57	24.8	-0.2	-11.5	35	53	15.73	25.2	-20.2	-11.2	9	99	6.06
2018 Vine	06750E	03012.50N	55097.64	99	55019.92	104108	24	27.6	-4.9	102	68	1.95	24.8	27.4	-5.1	79	36	21.48	25.2	0.5	-7.9	93	81	7.5
2018 Vine	06750E	03025.00N	55096.74	99	55019.1	104150	24	39.4	-3.9	114	60	2.06	24.8	31.6	-3.9	74	35	20.34	25.2	7.5	-7.2	82	88	7.31
2018 Vine	06750E	03037.50N	55095.99	99	55018.32	104302	24	12	-3.8	19	87	1.41	24.8	16.5	-3	23	54	14.53	25.2	3.3	-3.7	-16	99	6.1
2018 Vine	06750E	03050.00N	55103.59	99	55025.64	104350	24	27.5	-5.7	51	80	1.52	24.8	21	-5.6	46	47	16.39	25.2	3.2	-6.4	25	92	5.78
2018 Vine	06750E	03062.50N	55105.38	99	55027.3	104438	24	22.9	-6.2	68	74	1.61	24.8	19.6	-7.4	103	94	17.17	25.2	7.3	-7.9	35	88	5.8
2018 Vine	06750E	03075.00N	55098.28	99	55019.68	104514	24	31	-6.7	65	73	1.56	24.8	31.8	-8.2	93	88	15.82	25.2	6.7	-9.3	46	85	5.88
2018 Vine	06750E	03087.50N	55098.02	99	55018.92	104608	24	8.5	-9.5	81	68	1.69	24.8	6	-11.6	118	78	17.53	25.2	2.8	-10.1	54	84	6.06
2018 Vine	06750E	03100.00N	55097.21	99	55018.31	104714	24	1.1	-12.1	79	69	1.68	24.8	2.1	-14.2	118	83	17.84	25.2	-7.3	-11.1	54	86	6.19
2018 Vine	06750E	03112.50N	55103.08	98	55024.54	104750	24	1	-14.6	61	76	1.56	24.8	2.4	-16.7	92	93	16.2	25.2	-8.6	-12.2	26	85	5.39
2018 Vine	06750E	03125.00N	55093.53	99	55014.83	104838	24	2.6	-15.8	83	70	1.73	24.8	-5.2	-19.1	124	85	18.6	25.2	-11.3	-14.6	58	86	6.31
2018 Vine	06750E	03137.50N	55089.99	98	55011.13	104932	24	-2.6	-16.4	79	75	1.73	24.8	-0.7	-18.8	60	42	18.14	25.2	-12.7	-16.1	55	89	6.38

2018 Vine	06750E	03150.00N	55094.66	99	55016.07	105020	24	2.1	-17.1	70	79	1.69	24.8	8.5	-18	59	43	18.13	25.2	-9.7	-16.3	46	90	6.13
2018 Vine	06750E	03162.50N	55090.33	98	55011.99	105144	24	0.8	-13.4	99	72	1.95	24.8	11.5	-14.5	71	41	20.37	25.2	-4.8	-14.5	73	85	6.83
2018 Vine	06750E	03175.00N	55092.58	99	55014.27	105238	24	-3.6	-11.7	87	77	1.84	24.8	3.8	-12.2	65	43	19.34	25.2	-5.1	-11	58	88	6.44
2018 Vine	06750E	03187.50N	55095.24	99	55017.15	105350	24	21.7	-8	84	78	1.83	24.8	16.3	-8.7	63	43	18.93	25.2	0.6	-9.9	54	86	6.19
2018 Vine	06750E	03200.00N	55100.15	98	55022.21	105432	24	17.2	-9.1	70	80	1.7	24.8	14.4	-9.7	55	48	17.96	25.2	4.7	-10.4	34	91	5.89
2018 Vine	06750E	03212.50N	55111.72	99	55034.01	105526	24	4.3	-13.2	111	62	2.03	24.8	1	-14.3	79	34	21.24	25.2	-0.4	-13.7	89	78	7.19
2018 Vine	06750E	03225.00N	55103.67	99	55025.82	105656	24	-0.2	-16.8	103	69	1.98	24.8	-0.3	-17.7	72	38	20.3	25.2	-13.9	-16.9	51	90	6.3
2018 Vine	06700E	03175.00N	55095.72	99	55019.04	111656	24	-10.1	-17.7	19	88	1.43	24.8	-10.9	-19.6	21	53	14.15	25.2	-16.1	-15	-28	90	5.72
2018 Vine	06700E	03162.50N	55087.76	99	55011.06	111802	24	-26.1	-18.9	24	85	1.41	24.8	-28.9	-20.8	27	53	14.76	25.2	-20.5	-14.5	-19	93	5.76
2018 Vine	06700E	03150.00N	55089.28	99	55012.78	112008	24	-22.1	-12.7	39	84	1.48	24.8	-16.8	-13.3	34	52	15.41	25.2	-19.9	-10.2	-3	95	5.77
2018 Vine	06700E	03137.50N	55083.35	99	55007.11	112126	24	-1.9	-7	98	68	1.89	24.8	-2.4	-7	69	37	19.47	25.2	-0.4	-6.2	70	84	6.66
2018 Vine	06700E	03125.00N	55085.49	99	55009.29	112202	24	1.7	-6.5	86	73	1.8	24.8	3.7	-6.4	64	41	18.79	25.2	-0.3	-6.5	56	85	6.17
2018 Vine	06700E	03112.50N	55074.71	99	54998.67	112244	24	-2.5	-7.1	86	73	1.8	24.8	-3.2	-7.9	62	41	18.48	25.2	-1.8	-7.3	55	90	6.39
2018 Vine	06700E	03100.00N	55073.72	99	54997.85	112320	24	-23.6	-11.5	79	76	1.75	24.8	-22.3	-12.4	60	43	18.28	25.2	-10.9	-8.8	44	90	6.09
2018 Vine	06700E	03087.50N	55074.67	99	54999.11	112456	24	-21.4	-14.8	62	79	1.59	24.8	-24	-17	46	46	16.19	25.2	-15.4	-12.4	21	94	5.86
2018 Vine	06700E	03075.00N	55072.51	99	54996.92	112550	24	-35.5	-13.6	83	69	1.73	24.8	-41.5	-15.7	121	82	18.06	25.2	-16.2	-10	51	89	6.25
2018 Vine	06700E	03062.50N	55074.59	99	54998.87	112644	24	-35.6	-15.9	53	80	1.52	24.8	-38.3	-18.6	86	97	16	25.2	-23.8	-11	19	92	5.71
2018 Vine	06700E	03050.00N	55080.08	99	55004.6	112838	24	-41.5	-13.5	43	81	1.46	24.8	-41.1	-15.7	72	97	14.97	25.2	-15.8	-8.8	10	92	5.6
2018 Vine	06700E	03037.50N	55086.21	99	55010.82	112938	24	-34.2	-16.7	38	83	1.46	24.8	-52.2	-20.6	67	99	14.81	25.2	-34.2	-11.3	-4	95	5.81
2018 Vine	06700E	03025.00N	55094.87	99	55019.56	113056	24	-41.9	-18.4	44	82	1.49	24.8	-34.6	-19.6	80	101	15.97	25.2	-21.2	-13.4	15	96	5.92
2018 Vine	06700E	03012.50N	55087.72	99	55012.66	113138	24	-15.4	-14.7	94	70	1.86	24.8	-13.1	-17.2	117	88	18.07	25.2	-20	-13.4	63	89	6.64
2018 Vine	06700E	03000.00N	55086.92	99	55012.15	113244	24	-29.5	-20.7	68	79	1.66	24.8	-24.5	-21.6	105	97	17.66	25.2	-32.4	-16.6	40	93	6.2
2018 Vine	06700E	02987.50N	55084.09	99	55009.45	113426	24	-25.8	-17.7	73	75	1.66	24.8	-24.1	-18.4	108	92	17.53	25.2	-29.5	-13.9	49	95	6.5
2018 Vine	06700E	02975.00N	55071.57	99	54996.97	113520	24	-36.5	-20.6	78	76	1.73	24.8	-29.5	-20.6	118	92	18.54	25.2	-33.2	-15.6	57	93	6.64
2018 Vine	06700E	02962.50N	55065	99	54990.41	113602	24	-39.1	-26.4	70	72	1.61	24.8	-33.5	-25.6	109	88	17.34	25.2	-47.1	-21.3	50	86	6.08
2018 Vine	06700E	02950.00N	55061.87	99	54987.34	113632	24	-34.5	-20.1	84	61	1.65	24.8	-32.4	-20.4	122	72	17.58	25.2	-41.4	-16.6	66	76	6.13
2018 Vine	06700E	02937.50N	55049.76	99	54975.37	113808	24	-35.3	-15.3	81	58	1.6	24.8	-32.2	-15.8	60	32	16.91	25.2	-37.9	-12	65	76	6.1
2018 Vine	06700E	02925.00N	55066.44	99	54992.03	113950	24	-31.7	-12.7	52	67	1.35	24.8	-53.6	-13.7	44	38	14.39	25.2	-41.5	-5.9	36	81	5.37
2018 Vine	06700E	02912.50N	55067.19	99	54992.92	114026	24	-38.4	-11	53	65	1.33	24.8	-47	-11.2	86	80	14.49	25.2	-33.1	-6.5	23	78	4.97
2018 Vine	06700E	02900.00N	55068.5	99	54993.78	114302	24	-39.7	-10.3	44	67	1.28	24.8	-44.1	-9.8	74	81	13.58	25.2	-41	-4.4	14	81	5.01
2018 Vine	06700E	02887.50N	55070.74	99	54996.94	114432	24	-39.6	-7.2	53	63	1.31	24.8	-39.7	-6.5	88	76	14.34	25.2	-21.6	-1.6	37	80	5.38
2018 Vine	06700E	02875.00N	55067.59	99	54994.12	114508	24	-41.3	-7	57	62	1.34	24.8	-30.5	-6	92	76	14.73	25.2	-23.4	-2.5	34	77	5.1
2018 Vine	06700E	02862.50N	55070.13	99	54997.17	114556	24	-35.7	-5.2	51	63	1.3	24.8	-29.7	-4.5	85	81	14.51	25.2	-18.7	-1.1	25	81	5.19
2018 Vine	06700E	02850.00N	55072.02	99	54999.21	114638	24	-24.9	-0.6	60	62	1.38	24.8	-22.2	-1.3	93	77	14.93	25.2	-23.2	1.9	37	80	5.38
2018 Vine	06700E	02837.50N	55071.32	99	54999.07	114814	24	-13	-0.5	60	61	1.37	24.8	-10.2	-0.8	94	77	15.02	25.2	-16	0.2	38	82	5.5
2018 Vine	06700E	02825.00N	55068.02	99	54995.58	114850	24	-13.7	-0.6	35	68	1.22	24.8	-15.3	-1.3	61	86	13.05	25.2	-2.9	-0.3	2	83	5.05
2018 Vine	06700E	02812.50N	55077.82	99	55005.01	115014	24	-28.4	0.2	55	63	1.34	24.8	-28.7	-1.3	87	79	14.47	25.2	-20.9	2	16	85	5.25
2018 Vine	06700E	02800.00N	55071	99	54998.34	115108	24	-19.7	2.5	43	66	1.25	24.8	9.8	3.7	66	84	13.26	25.2	1.8	0.4	7	82	5.01
2018 Vine	06700E	02787.50N	55073.29	99	55000.87	115214	24	3.7	6.2	72	55	1.45	24.8	9.6	6.6	99	72	15.14	25.2	13.9	3.7	52	80	5.82
2018 Vine	06700E	02775.00N	55070.96	99	54998.75	115308	24	7.9	11	59	63	1.38	24.8	7.2	10.1	96	76	15.16	25.2	14.6	7.6	52	80	5.79
2018 Vine	06700E	02762.50N	55058.88	99	54986.88	115420	24	23.6	22	64	67	1.48	24.8	25.9	20.4	103	83	16.37	25.2	31.4	14.6	48	87	6.01
2018 Vine	06700E	02750.00N	55061.67	99	54990.2	115608	24	13.4	20.2	92	62	1.77	24.8	20.9	21	127	79	18.41	25.2	21	17.2	76	86	7
2018 Vine	06700E	02737.50N	55060.98	99	54989.68	115714	24	14.3	18.1	83	70	1.74	24.8	25.7	19.8	61	42	18.36	25.2	16.6	15.7	65	93	6.9
2018 Vine	06700E	02725.00N	55070.91	99	54999.3	115826	24	6.2	13.2	45	86	1.54	24.8	-0.2	12.6	36	55	16.24	25.2	-0.7	10.7	21	99	6.15
2018 Vine	06700E	02712.50N	55065.68	99	54994.16	115902	24	-4.1	12.5	64	82	1.66	24.8	0.2	13.4	52	52	18.24	25.2	-3.7	12.2	38	96	6.29
2018 Vine	06700E	02700.00N	55062.22	99	54991.04	120002	24	-4.4	17.5	40	86	1.52	24.8	4.6	17.1	35	53	15.82	25.2	-14.2	13.8	10	104	6.35

2018 Vine	06700E	02687.50N	55063.51	99	54992.91	120102	24	12.1	21.9	8	90	1.44	24.8	22.8	24.4	12	57	14.53	25.2	-5.7	15.5	-35	99	6.38
2018 Vine	06700E	02675.00N	55066.79	99	54996.9	120232	24	-2.6	22.8	48	83	1.53	24.8	3	22.7	40	52	16.39	25.2	-12.7	21.4	15	101	6.19
2018 Vine	06700E	02662.50N	55066.99	99	54997.37	120320	24	-3.2	21	56	81	1.57	24.8	-1.2	20	51	49	17.58	25.2	-19.1	21.2	22	93	5.8
2018 Vine	06700E	02650.00N	55065.36	99	54996.21	120538	24	-13.3	18.4	47	80	1.49	24.8	-13.2	18.7	38	49	15.44	25.2	-32.9	19.3	6	84	5.12
2018 Vine	06700E	02637.50N	55063.52	99	54994.27	120708	24	-13.7	18.5	75	70	1.63	24.8	7.9	19.3	111	90	17.63	25.2	-12.7	16.2	43	87	5.94
2018 Vine	06700E	02625.00N	55066.25	99	54996.75	120808	24	-19.3	18.3	58	72	1.48	24.8	-14.6	18.7	96	92	16.48	25.2	-19.4	18.8	29	85	5.5
2018 Vine	06700E	02612.50N	55065.36	99	54995.86	120856	24	-19.8	16.3	70	69	1.57	24.8	-15.4	16.7	106	89	17.06	25.2	-23.5	16.7	39	84	5.64
2018 Vine	06700E	02600.00N	55065.81	99	54996.4	120944	24	-13.5	15.7	65	68	1.5	24.8	2	17.6	103	90	16.98	25.2	-12.7	14	35	86	5.69
2018 Vine	06700E	02587.50N	55062.85	99	54993.39	121026	24	-6.4	16.2	78	63	1.6	24.8	-5.5	16.8	119	80	17.74	25.2	-13.7	15	58	80	6.01
2018 Vine	06700E	02575.00N	55064.83	99	54995.55	121126	24	-6.6	18.7	63	68	1.48	24.8	-5.6	18.8	100	85	16.26	25.2	-9	17.6	35	84	5.51
2018 Vine	06700E	02562.50N	55068.16	99	54998.61	121202	24	-24.3	17.9	65	71	1.54	24.8	-6.3	17.8	107	89	17.18	25.2	-4.9	16.6	42	84	5.69
2018 Vine	06700E	02550.00N	55072.57	99	55003.2	121250	24	-9.3	11.1	45	77	1.43	24.8	-8.9	10.4	74	101	15.52	25.2	-14.8	11.3	10	89	5.47
2018 Vine	06700E	02537.50N	55071.36	99	55001.96	121344	24	-31.3	1.7	47	75	1.41	24.8	-29.6	0.7	80	97	15.58	25.2	-41.8	4	19	88	5.46
2018 Vine	06700E	02525.00N	55060.85	99	54991.86	121502	24	-36.5	3	47	71	1.35	24.8	-23.5	3.4	68	91	14.07	25.2	-35.4	5.9	9	87	5.31
2018 Vine	06650E	02475.00N	55074.43	99	55009.43	124950	24	-5	1.3	58	66	1.4	24.8	-5.4	1.4	88	86	15.21	25.2	-25	5	32	86	5.57
2018 Vine	06650E	02487.50N	55075.69	99	55011.03	125032	24	15.1	4.5	33	73	1.28	24.8	19.8	5.8	58	94	13.63	25.2	-5	4.6	3	87	5.29
2018 Vine	06650E	02500.00N	55074.53	99	55010.02	125120	24	-1.7	1.5	44	74	1.38	24.8	-4.2	2.5	70	100	15.14	25.2	-24.1	5.1	12	87	5.36
2018 Vine	06650E	02512.50N	55080.32	99	55016.09	125208	24	4.5	5.3	85	66	1.71	24.8	15.7	7	122	83	18.21	25.2	-4.8	6	55	88	6.34
2018 Vine	06650E	02525.00N	55077.59	99	55013.46	125302	24	15.9	9.4	86	65	1.73	24.8	16	10	65	40	18.94	25.2	-6.3	8	73	84	6.75
2018 Vine	06650E	02537.50N	55075.43	99	55011.38	125338	24	38.6	15.6	76	68	1.63	24.8	33	16.1	59	40	17.78	25.2	2.7	13.6	60	85	6.3
2018 Vine	06650E	02550.00N	55072.62	99	55009.01	125426	24	32.4	19.2	70	71	1.59	24.8	28.7	20.3	52	42	16.65	25.2	12	18	46	87	6.02
2018 Vine	06650E	02562.50N	55068.4	99	55004.94	125508	24	37.2	22.4	55	73	1.46	24.8	35.8	24.3	43	44	15.39	25.2	12.2	20.5	26	86	5.46
2018 Vine	06650E	02575.00N	55069.16	99	55005.55	125556	24	35.6	20.2	45	73	1.36	24.8	37.2	21	77	92	14.86	25.2	15.3	16.9	18	86	5.37
2018 Vine	06650E	02587.50N	55066.83	99	55003.34	125656	24	43.9	13.7	81	59	1.6	24.8	38.6	15.9	106	81	16.54	25.2	6.9	13.6	35	86	5.63
2018 Vine	06650E	02600.00N	55066.05	99	55002.32	125826	24	25.7	14.4	64	67	1.48	24.8	32.1	16.1	96	84	15.75	25.2	1.6	13.5	39	88	5.85
2018 Vine	06650E	02612.50N	55064.69	99	55001.09	125938	24	16.1	15	60	68	1.46	24.8	18.1	16	93	83	15.45	25.2	-3.8	15.9	37	83	5.53
2018 Vine	06650E	02625.00N	55064.47	99	55000.84	130020	24	19.8	16.6	36	74	1.32	24.8	13.4	17.2	59	94	13.78	25.2	-2.7	17.1	0	84	5.08
2018 Vine	06650E	02637.50N	55064.26	99	55000.98	130120	24	5.6	13.3	52	73	1.43	24.8	2.7	12.5	91	92	16.05	25.2	-11.4	15.7	31	87	5.61
2018 Vine	06650E	02650.00N	55067.84	99	55004.62	130226	24	14	13.9	30	77	1.32	24.8	19.4	15.4	59	95	13.8	25.2	-6.2	14	6	92	5.6
2018 Vine	06650E	02662.50N	55069.96	99	55006.6	130326	24	-0.5	6.3	59	72	1.49	24.8	4.8	8	90	88	15.58	25.2	-20.3	9	39	91	6.06
2018 Vine	06650E	02675.00N	55072.16	99	55009.12	130408	24	-6.1	0.3	75	69	1.62	24.8	-7.7	1.7	111	84	17.16	25.2	-22.8	3.2	61	88	6.53
2018 Vine	06650E	02687.50N	55068.53	99	55005.8	130502	24	-26.5	-4.5	31	83	1.41	24.8	-34.2	-4.7	61	102	14.78	25.2	-44.8	1.3	24	94	5.88
2018 Vine	06650E	02700.00N	55079.04	99	55016.42	130608	24	-9.3	-1.8	72	75	1.67	24.8	-4	-1.3	110	91	17.62	25.2	-12.8	0.2	50	95	6.56
2018 Vine	06650E	02712.50N	55077.47	99	55015.04	130702	24	-4.6	4.9	22	89	1.46	24.8	-2.3	5.2	42	111	14.72	25.2	-19	7.8	-12	101	6.18
2018 Vine	06650E	02725.00N	55078.83	99	55016.52	130750	24	33.4	11.1	36	82	1.42	24.8	27.6	11.4	61	101	14.61	25.2	13.3	9.9	6	98	5.95
2018 Vine	06650E	02737.50N	55069.12	99	55006.72	130844	24	40.7	13.7	64	71	1.53	24.8	31.9	12.1	106	85	16.8	25.2	19.6	11.9	58	91	6.55
2018 Vine	06650E	02750.00N	55073.36	99	55010.85	130932	24	32.5	11.1	19	75	1.24	24.8	31.3	11.9	32	97	12.68	25.2	7.2	10.5	-30	90	5.76
2018 Vine	06650E	02762.50N	55081.05	99	55018.79	131032	24	51.3	5.8	54	67	1.38	24.8	36.1	5	79	86	14.48	25.2	22.7	3.2	25	88	5.56
2018 Vine	06650E	02775.00N	55075.48	99	55013.26	131132	24	47.7	2.6	49	68	1.34	24.8	50.7	3.7	80	83	14.25	25.2	21	-0.3	24	85	5.4
2018 Vine	06650E	02787.50N	55075.94	99	55013.52	131250	24	35.3	0.4	42	70	1.3	24.8	39.7	1.1	72	85	13.76	25.2	18.2	-1.4	17	88	5.44
2018 Vine	06650E	02800.00N	55077.91	99	55015.04	131332	24	30.1	-1.4	47	69	1.32	24.8	31.8	-0.8	84	82	14.49	25.2	11.1	-2.1	30	83	5.35
2018 Vine	06650E	02812.50N	55077.08	99	55014.13	131402	24	21.2	-4.8	61	64	1.41	24.8	22.8	-3.1	96	77	15.16	25.2	7	-3.3	42	81	5.55
2018 Vine	06650E	02825.00N	55082.8	99	55019.92	131450	24	22.1	-6.4	60	65	1.41	24.8	14.1	-4.4	90	78	14.75	25.2	0.6	-3.1	37	83	5.55
2018 Vine	06650E	02837.50N	55080.64	99	55018	131538	24	11.1	-6.4	57	65	1.38	24.8	9.2	-6.5	88	80	14.7	25.2	-5.4	-3.7	33	82	5.4
2018 Vine	06650E	02850.00N	55076.11	99	55013.76	131620	24	11.2	-6.8	64	63	1.44	24.8	8.2	-6.7	96	74	15.04	25.2	-8.5	-3.3	44	81	5.62
2018 Vine	06650E	02862.50N	55075	99	55012.68	131702	24	13.2	-8.7	79	56	1.55	24.8	10.8	-6.7	116	66	16.53	25.2	-10.6	-4.3	66	76	6.14

2018 Vine	06650E	02875.00N	55082.74	99	55020.72	131826	24	14.8	-7.5	64	63	1.43	24.8	16.9	-6.9	93	78	15.05	25.2	-15.6	-3.6	40	82	5.55
2018 Vine	06650E	02887.50N	55078.1	99	55016.02	131920	24	11.8	-8.1	55	66	1.38	24.8	9.9	-8	84	82	14.52	25.2	-14.9	-3.7	27	83	5.33
2018 Vine	06650E	02900.00N	55076.34	99	55014.25	132026	24	6.1	-11.1	72	62	1.51	24.8	2.3	-11.5	106	73	15.9	25.2	-18.3	-7.3	51	79	5.72
2018 Vine	06650E	02912.50N	55074.04	99	55011.76	132108	24	0.9	-14.7	47	70	1.34	24.8	1.1	-15.3	76	86	14.15	25.2	-19.1	-9.9	17	85	5.3
2018 Vine	06650E	02925.00N	55076.68	99	55014.44	132138	24	15.4	-17.8	70	62	1.5	24.8	8.3	-17.9	122	62	16.93	25.2	-24.4	-13.1	85	72	6.78
2018 Vine	06650E	02937.50N	55076.47	99	55014.4	132432	24	-11.6	-22.2	85	55	1.62	24.8	-5.4	-22.6	64	32	17.71	25.2	-28.6	-18.3	69	73	6.1
2018 Vine	06650E	02950.00N	55076.67	99	55014.68	132520	24	-14.5	-31.4	81	55	1.56	24.8	-14.3	-31.9	55	34	16.11	25.2	-39.8	-27.8	55	79	5.86
2018 Vine	06650E	02962.50N	55084.16	99	55022.33	132620	24	-21.8	-46.5	47	72	1.37	24.8	-21.3	-46.8	39	43	14.45	25.2	-49	-40.4	20	88	5.48
2018 Vine	06650E	02975.00N	55088.08	99	55026.61	132750	24	-7.5	-27.6	75	72	1.66	24.8	-6.8	-28.2	116	88	17.99	25.2	-28.9	-24.5	51	89	6.22
2018 Vine	06650E	02987.50N	55085.3	99	55024.05	132844	24	-8.6	-24.2	47	83	1.52	24.8	-2	-25.7	65	106	15.35	25.2	-26	-18.3	-5	99	6.01
2018 Vine	06650E	03000.00N	55079.6	99	55018.38	132926	24	18.8	-17.1	69	78	1.66	24.8	9.1	-17	118	90	18.3	25.2	-9.1	-14.6	53	99	6.83
2018 Vine	06650E	03012.50N	55083.43	99	55022.08	133020	24	29.7	-13.2	80	73	1.73	24.8	8.6	-14.7	117	89	18.17	25.2	-8.9	-11.5	58	92	6.61
2018 Vine	06650E	03025.00N	55081.98	99	55020.56	133108	24	0.2	-17.1	36	81	1.41	24.8	16.8	-13	102	96	17.37	25.2	-3	-10.8	36	96	6.26
2018 Vine	06650E	03037.50N	55086.61	99	55025.04	133214	24	-3.6	-16	81	72	1.72	24.8	-7.7	-17.5	62	41	18.36	25.2	-11	-13.1	58	87	6.36
2018 Vine	06650E	03050.00N	55091.3	99	55029.72	133256	24	9.4	-15.8	72	75	1.66	24.8	8.9	-15.2	55	42	17.24	25.2	-0.3	-13.1	45	93	6.3
2018 Vine	06650E	03062.50N	55094.42	99	55032.87	133332	24	12	-12.7	76	71	1.67	24.8	9.9	-12.5	59	44	18.21	25.2	-1.5	-11.3	51	94	6.52
2018 Vine	06650E	03075.00N	55096.83	99	55035.17	133420	24	-1.7	-15.3	71	73	1.62	24.8	7.7	-12.4	55	42	17.22	25.2	5.9	-12.3	46	94	6.35
2018 Vine	06650E	03087.50N	55092.92	99	55031.23	133502	24	7.9	-14.6	61	76	1.55	24.8	12.1	-14.6	58	42	17.7	25.2	4	-14.6	48	90	6.21
2018 Vine	06650E	03100.00N	55089.87	99	55028.2	133538	24	-0.4	-15.6	69	74	1.61	24.8	-11.4	-15.8	56	43	17.56	25.2	-6.6	-13.2	46	92	6.25
2018 Vine	06650E	03112.50N	55089.88	99	55028.48	133638	24	22.6	-15.8	60	77	1.55	24.8	17.7	-13.6	37	49	15.27	25.2	-10.5	-13.9	29	95	6.04
2018 Vine	06650E	03125.00N	55101.64	99	55040.06	133814	24	22.2	-14	88	67	1.75	24.8	13	-14.5	126	79	18.4	25.2	-1.7	-14.6	69	90	6.9
2018 Vine	06650E	03137.50N	55107.39	99	55046.1	133914	24	23.6	-15.3	91	65	1.79	24.8	8.2	-14.8	66	36	18.59	25.2	-13.3	-14.1	67	85	6.56
2018 Vine	06650E	03150.00N	55007.54	99	54946.5	134014	24	8.8	-17.4	89	67	1.77	24.8	21.2	-15	66	36	18.54	25.2	-5.4	-16.4	78	85	7.02
2018 Vine	06600E	03100.00N	55073.5	99	55010.61	140114	24	-4.3	-16.5	36	80	1.39	24.8	-1.1	-17	30	50	14.5	25.2	-9.2	-15.1	-8	91	5.56
2018 Vine	06600E	03087.50N	55070.43	99	55007.99	140150	24	-7.9	-11.6	59	77	1.54	24.8	-6.6	-11.5	47	43	15.93	25.2	-8.9	-10	32	91	5.88
2018 Vine	06600E	03075.00N	55074.57	99	55012	140238	24	-16.7	-11.2	72	70	1.6	24.8	-19.7	-11.5	122	84	18.3	25.2	-17	-10	51	85	6.03
2018 Vine	06600E	03062.50N	55078.12	99	55015.23	140314	24	-14.9	-12.1	64	75	1.57	24.8	-11.2	-10.6	60	40	17.96	25.2	-14.8	-9.4	57	87	6.37
2018 Vine	06600E	03050.00N	55079.1	99	55016.11	140402	24	-26	-15.5	66	74	1.58	24.8	-16.9	-13.7	53	43	16.99	25.2	-25.7	-11.6	43	91	6.1
2018 Vine	06600E	03037.50N	55084.13	99	55020.66	140444	24	-18	-14.6	63	78	1.61	24.8	-14.9	-14.2	51	45	16.88	25.2	-20.2	-12.5	45	93	6.28
2018 Vine	06600E	03025.00N	55082.73	99	55018.89	140526	24	-11.8	-17.6	70	74	1.63	24.8	-6.3	-14.5	55	45	17.76	25.2	-21	-14.2	45	90	6.12
2018 Vine	06600E	03012.50N	55076.3	99	55012.43	140602	24	-17.5	-17.6	91	66	1.79	24.8	-17.4	-15.6	69	38	19.53	25.2	-22.6	-13.8	77	86	7
2018 Vine	06600E	03000.00N	55083.75	99	55019.49	140650	24	-22.8	-21.4	65	74	1.58	24.8	-18	-19.8	56	46	17.85	25.2	-28.1	-18	47	90	6.21
2018 Vine	06600E	02987.50N	55076.41	99	55011.41	140756	24	-10.9	-20.9	78	70	1.66	24.8	-7.9	-20	58	41	17.68	25.2	-28.9	-20.3	58	89	6.48
2018 Vine	06600E	02975.00N	55081.36	99	55016.58	141026	24	-45.1	-29.2	66	71	1.55	24.8	-51.5	-31.5	50	42	16.3	25.2	-45.2	-25.7	32	86	5.58
2018 Vine	06600E	02962.50N	55074.08	99	55009.2	141108	24	-23.6	-24.6	67	70	1.54	24.8	-20.2	-25	53	41	16.68	25.2	-37.7	-22.8	43	85	5.81
2018 Vine	06600E	02950.00N	55071.39	99	55006.52	141138	24	-20.1	-25.1	63	71	1.51	24.8	-19.2	-26.6	52	41	16.41	25.2	-36.2	-24.1	40	82	5.56
2018 Vine	06600E	02937.50N	55063.97	99	54999.13	141220	24	-19.9	-21.3	55	71	1.44	24.8	-16.7	-21.9	45	42	15.3	25.2	-31.5	-19.3	29	83	5.35
2018 Vine	06600E	02925.00N	55044.12	99	54979.31	141320	24	34.6	12.3	-109	39	1.84	24.8	30.7	13	-117	84	17.78	25.2	-26.1	-11.2	79	36	5.27
2018 Vine	06600E	02912.50N	55075.8	99	55010.45	141626	24	-49	-18.1	47	72	1.38	24.8	-47	-20.6	82	87	14.85	25.2	-37.5	-10.7	21	81	5.11
2018 Vine	06600E	02900.00N	55069.43	99	55003.79	141808	24	-46.9	-11.2	67	63	1.47	24.8	-53.5	-14.1	121	68	17.21	25.2	-30.3	-3.4	73	73	6.31
2018 Vine	06600E	02887.50N	55069.79	99	55003.99	141902	24	-33.2	-9.7	53	68	1.38	24.8	-33.4	-10.9	92	83	15.38	25.2	-29.7	-4.3	32	81	5.27
2018 Vine	06600E	02875.00N	55067.98	99	55001.94	141938	24	-38.9	-7.7	62	66	1.44	24.8	-44.7	-8.8	102	79	15.95	25.2	-30.1	-1.3	40	78	5.34
2018 Vine	06600E	02862.50N	55066.21	99	55000.1	142020	24	-27.4	-5.2	58	66	1.4	24.8	-45.6	-8.3	86	80	14.52	25.2	-28.1	-0.6	26	81	5.18
2018 Vine	06600E	02850.00N	55068.68	99	55002.6	142102	24	-34.6	-5.5	52	66	1.34	24.8	-35.8	-8.2	84	83	14.55	25.2	-27.9	-1.6	28	84	5.38
2018 Vine	06600E	02837.50N	55068.94	99	55002.62	142150	24	-33	-4.9	47	69	1.34	24.8	-35.1	-6.2	80	83	14.25	25.2	-28.2	-0.3	22	83	5.24
2018 Vine	06600E	02825.00N	55067.25	99	55000.8	142238	24	-29.7	-3.1	51	67	1.34	24.8	-33.2	-4.7	80	81	14.05	25.2	-28.6	0.5	24	82	5.23

2018 Vine	06600E	02812.50N	55063.58	99	54997.23	142320	24	-30.1	-1.1	54	65	1.34	24.8	-35.9	-3.4	84	82	14.47	25.2	-19.2	1.5	26	84	5.38
2018 Vine	06600E	02800.00N	55068.38	99	55001.59	142402	24	-20.9	-2.4	34	71	1.26	24.8	-28.5	-5.3	69	90	13.97	25.2	-20.7	0	21	84	5.25
2018 Vine	06600E	02787.50N	55073.16	99	55006.07	142438	24	-21.1	0.4	41	71	1.31	24.8	-22.6	-2.4	71	92	14.35	25.2	-17.7	1.7	17	83	5.16
2018 Vine	06600E	02775.00N	55068.12	99	55001.11	142514	24	-23.2	-1.1	58	67	1.41	24.8	-19.3	-2	81	87	14.74	25.2	-8.9	1.3	26	87	5.52
2018 Vine	06600E	02762.50N	55067.76	99	55000.85	142608	24	-17.6	-1	41	73	1.34	24.8	-13.1	-1.9	74	92	14.61	25.2	-13.2	1.6	24	87	5.5
2018 Vine	06600E	02750.00N	55068.72	99	55001.72	142644	24	-16.8	-0.9	39	74	1.34	24.8	-16	-2.4	66	95	14.31	25.2	-16.6	1.8	11	93	5.67
2018 Vine	06600E	02737.50N	55067.62	99	55000.53	142750	24	-20.5	1.6	69	66	1.53	24.8	-10.4	0.4	108	84	16.88	25.2	-8.7	2.8	56	87	6.3
2018 Vine	06600E	02725.00N	55068.83	99	55001.77	142826	24	-23.1	-0.2	55	72	1.44	24.8	-21.3	-0.6	96	89	16.16	25.2	-15	3.3	59	87	6.41
2018 Vine	06600E	02712.50N	55066.97	99	54999.5	143108	24	-28.6	-0.6	59	72	1.48	24.8	-26.3	-0.5	93	92	16.14	25.2	-16.7	2.8	29	87	5.6
2018 Vine	06600E	02700.00N	55064.91	99	54997.41	143202	24	-25.1	0.6	56	71	1.44	24.8	-31.1	-0.8	83	94	15.49	25.2	-26.8	5.5	30	84	5.44
2018 Vine	06600E	02687.50N	55064.03	99	54996.76	143308	24	-18.6	-0.1	28	76	1.29	24.8	-17.9	-1.4	50	98	13.58	25.2	-22.6	2.1	-3	88	5.35
2018 Vine	06600E	02675.00N	55065.31	99	54998.01	143344	24	-26.8	0.1	46	71	1.35	24.8	-34.1	-0.9	71	95	14.69	25.2	-36.7	4.6	16	84	5.2
2018 Vine	06600E	02662.50N	55065.01	99	54998	143432	24	-28.3	4.5	34	74	1.29	24.8	-28.9	1.1	67	93	14.16	25.2	-16.8	6.5	15	86	5.32
2018 Vine	06600E	02650.00N	55064.85	99	54997.48	143602	24	-38	1.2	29	73	1.26	24.8	-17.6	1.8	41	98	13.11	25.2	-16.7	4.7	-17	80	5
2018 Vine	06600E	02637.50N	55067.05	99	54999.29	143656	24	-25	2.4	15	74	1.2	24.8	-31.7	1.2	39	97	12.88	25.2	-36.4	7.6	-13	80	4.94
2018 Vine	06600E	02625.00N	55064.41	99	54996.65	143738	24	-44.8	4.2	56	67	1.4	24.8	-23.8	4.7	98	82	15.77	25.2	-21.1	9.7	49	80	5.73
2018 Vine	06600E	02612.50N	55061.66	99	54993.94	143838	24	-18	3.8	84	56	1.62	24.8	-19.7	3.6	123	71	17.57	25.2	12.4	6.2	73	74	6.36
2018 Vine	06600E	02600.00N	55060.25	99	54993.33	143938	24	-15	3.8	67	61	1.45	24.8	-15.5	3	51	38	15.74	25.2	2.7	5.4	40	80	5.47
2018 Vine	06600E	02587.50N	55065.25	99	54998.15	144020	24	-17.5	5.8	50	66	1.32	24.8	-19.5	5.5	40	42	14.51	25.2	-8.6	9.3	27	80	5.14
2018 Vine	06600E	02575.00N	55061.13	99	54993.65	144120	24	-11.6	5.8	62	67	1.46	24.8	-11.4	6.7	97	88	16.25	25.2	-6	8.1	43	81	5.55
2018 Vine	06600E	02562.50N	55065.15	99	54997.36	144202	24	-9.1	5.3	64	65	1.45	24.8	-6.9	5	104	86	16.64	25.2	3	6	49	82	5.83
2018 Vine	06600E	02550.00N	55066.94	99	54998.92	144250	24	-12.8	4.1	59	70	1.46	24.8	-15.1	4.6	96	93	16.53	25.2	-0.8	5.8	42	86	5.86
2018 Vine	06600E	02537.50N	55066.25	99	54998.05	144332	24	-21.8	7.8	54	70	1.41	24.8	-23.4	7.9	88	96	16.1	25.2	0.4	9.4	37	86	5.68
2018 Vine	06600E	02525.00N	55063.63	99	54995.66	144414	24	-10.1	0.9	43	75	1.38	24.8	-11.3	1.4	70	100	15.14	25.2	-8.9	1.2	24	89	5.59
2018 Vine	06600E	02512.50N	55058.41	99	54990.48	144456	24	-19.3	10.6	61	71	1.49	24.8	-14.1	11.9	103	95	17.33	25.2	-11.3	12.1	45	83	5.74
2018 Vine	06600E	02500.00N	55056.93	99	54988.78	144538	24	-9.1	11.1	75	68	1.62	24.8	-9.9	12.7	122	92	18.88	25.2	-9.2	12.2	69	84	6.6
2018 Vine	06600E	02487.50N	55061.75	99	54993.48	144638	24	-30.3	10.4	63	72	1.52	24.8	-23.5	11.7	50	47	17.08	25.2	-21.3	15.5	41	89	5.96
2018 Vine	06600E	02475.00N	55056.72	99	54988.64	144720	24	-30.5	10.8	73	61	1.51	24.8	-26.1	10.5	54	39	16.58	25.2	-26.4	14.3	57	81	6.02
2018 Vine	06600E	02462.50N	55058.98	99	54990.9	144756	24	-27.1	10.9	18	72	1.19	24.8	-27.7	11.3	19	47	12.65	25.2	-31.3	12.5	-13	82	5.04
2018 Vine	06600E	02450.00N	55057.49	99	54989.34	144902	24	-33.8	10.5	40	67	1.24	24.8	-22.3	12.1	69	89	13.91	25.2	-24.6	14.1	17	80	5
2018 Vine	06600E	02437.50N	55056.67	99	54988.68	145002	24	-20	15.4	55	63	1.34	24.8	-20	15.9	91	86	15.48	25.2	-22.1	18	39	82	5.52
2018 Vine	06600E	02425.00N	55059.01	99	54990.98	145056	24	-11.7	13.2	51	67	1.34	24.8	-12.2	13.5	93	90	16.08	25.2	-19.7	14.1	38	78	5.27
2018 Vine	06550E	06900.00N	55084.93	99	55006.4	85338	24	15.2	7.4	97	54	1.77	24.8	12.4	6.7	64	31	17.67	25.2	10.8	7.2	106	51	7.12
2018 Vine	06550E	06912.50N	55084.49	99	55007.13	85544	24	20.8	6.4	114	44	1.95	24.8	22.9	6.1	72	25	19.01	25.2	22.6	5.1	101	56	7.04
2018 Vine	06550E	02375.00N	55072.92	99	54994.83	85832	24	13.5	8	78	60	1.57	24.8	9.4	7.7	52	36	15.74	25.2	-3.7	16.7	56	63	5.15
2018 Vine	06550E	02387.50N	55079.95	99	55001.83	85914	24	0.7	8.1	45	26	0.82	24.8	-4.4	9.3	50	38	15.58	25.2	-7.6	19.2	53	66	5.16
2018 Vine	06550E	02400.00N	55077.53	99	54999.79	90002	24	11.4	11.6	125	127	1.42	24.8	4.6	10.8	42	37	14.07	25.2	5	17.4	41	63	4.59
2018 Vine	06550E	02412.50N	55079.19	99	55001.42	90044	24	17.8	9.6	64	65	1.45	24.8	14.4	9.4	86	78	14.42	25.2	13.1	10	43	64	4.72
2018 Vine	06550E	02425.00N	55083.87	99	55006.2	90120	24	20.5	9.3	67	63	1.47	24.8	16.4	9	91	78	14.8	25.2	19.4	7.7	45	62	4.68
2018 Vine	06550E	02437.50N	55081.93	99	55004.42	90202	24	10.2	10.4	67	64	1.49	24.8	14.4	9.5	89	78	14.64	25.2	20.2	6.3	47	64	4.85
2018 Vine	06550E	02450.00N	55082.04	99	55004.77	90250	24	27.8	7	66	63	1.46	24.8	22.6	7.1	104	77	15.98	25.2	11.2	10.1	44	64	4.72
2018 Vine	06550E	02462.50N	55080.58	99	55003.3	90338	24	28	7.1	56	69	1.41	24.8	13.2	8.8	74	85	13.92	25.2	14.9	8.1	32	64	4.38
2018 Vine	06550E	02475.00N	55086.66	99	55009.06	90426	24	31.1	5.6	61	70	1.48	24.8	25.3	7.3	79	84	14.21	25.2	8	8.4	31	69	4.59
2018 Vine	06550E	02487.50N	55085.36	99	55007.65	90514	24	37.1	2.6	68	69	1.55	24.8	25	4.6	90	81	14.99	25.2	17	1.8	45	69	5.01
2018 Vine	06550E	02500.00N	55089.06	99	55011.89	90556	24	37.2	1.1	79	66	1.65	24.8	34.6	2.2	108	79	16.57	25.2	26.7	-3.2	57	69	5.44
2018 Vine	06550E	02512.50N	55084.66	99	55008.14	90638	24	39.2	-0.9	72	68	1.58	24.8	34.6	1.4	99	82	15.85	25.2	32.2	-7	50	71	5.3

2018 Vine	06550E	02525.00N	55086.85	99	55010.86	90720	24	47.2	-1	78	67	1.63	24.8	48.3	-0.2	110	76	16.51	25.2	36.9	-9.4	51	71	5.33
2018 Vine	06550E	02537.50N	55087.9	99	55012.45	90808	24	27.8	-0.5	52	72	1.42	24.8	31.7	-0.3	83	85	14.71	25.2	31.2	-10.6	32	72	4.81
2018 Vine	06550E	02550.00N	55085.36	99	55010.24	90850	24	25.8	-0.8	52	72	1.41	24.8	28.8	-0.4	77	84	14.03	25.2	22.7	-8.5	28	69	4.52
2018 Vine	06550E	02562.50N	55083.72	99	55008.61	90920	24	48.5	-6	75	66	1.59	24.8	43.7	-3.6	100	77	15.64	25.2	35	-13.6	48	69	5.15
2018 Vine	06550E	02575.00N	55087.46	99	55012.12	91008	24	42.9	-4.9	73	66	1.57	24.8	33.1	-1.3	70	81	13.25	25.2	44.4	-15	39	30	3.01
2018 Vine	06550E	02587.50N	55087.09	99	55011.21	91126	24	21.6	-1.1	45	65	1.27	24.8	27.2	-4.4	90	77	14.65	25.2	16.3	-10	94	126	4.79
2018 Vine	06550E	02600.00N	55085.84	99	55009.5	91214	24	35.7	-5	56	68	1.4	24.8	33.6	-5.3	102	73	15.57	25.2	37.5	-15.5	56	69	5.41
2018 Vine	06550E	02612.50N	55086.97	99	55010.32	91314	24	27.4	-5	63	68	1.49	24.8	22.7	-4.6	87	79	14.51	25.2	10.9	-7.1	38	71	4.9
2018 Vine	06550E	02625.00N	55092.67	99	55015.86	91356	24	26.1	-5.5	69	67	1.53	24.8	23.4	-4.9	92	76	14.75	25.2	5.9	-4.5	51	69	5.23
2018 Vine	06550E	02637.50N	55091.49	99	55014.7	91444	24	23.9	-4.2	76	66	1.6	24.8	25.9	-4	101	75	15.61	25.2	14.2	-5.9	49	67	5.07
2018 Vine	06550E	02650.00N	55086.58	99	55009.76	91556	24	23.4	-3.7	55	70	1.43	24.8	19.5	-3.6	84	81	14.46	25.2	10.7	-5.3	35	68	4.68
2018 Vine	06550E	02662.50N	55084.76	99	55007.93	91644	24	23.9	-4.2	64	68	1.49	24.8	22.8	-4.5	87	79	14.52	25.2	14.6	-7.4	40	70	4.91
2018 Vine	06550E	02675.00N	55091.21	99	55014.24	91726	24	30.9	-6.4	79	64	1.62	24.8	15.6	-4.7	105	74	15.86	25.2	7.3	-4.4	52	66	5.14
2018 Vine	06550E	02687.50N	55094.77	99	55017.2	91814	24	-16.6	-0.3	72	66	1.56	24.8	-5.6	-3.5	94	78	15.04	25.2	-11.1	4.7	45	65	4.82
2018 Vine	06550E	02700.00N	55098.73	99	55021.7	91844	24	35.2	-6.5	57	70	1.44	24.8	20.5	-4.1	73	83	13.74	25.2	8.1	-5.2	25	61	4.04
2018 Vine	06550E	02712.50N	55097.67	99	55021.68	91932	24	12.2	-3.4	59	71	1.47	24.8	13	-4	80	82	14.22	25.2	3.8	0.4	31	63	4.3
2018 Vine	06550E	02725.00N	55097.25	99	55021.11	92014	24	31.5	-5	71	66	1.55	24.8	40.5	-5.4	97	74	15.08	25.2	36.5	-10.9	54	68	5.31
2018 Vine	06550E	02737.50N	55090.99	99	55014.67	92114	24	30.9	-6.7	75	64	1.57	24.8	25.4	-6.4	99	73	15.22	25.2	18.6	-7.5	60	67	5.47
2018 Vine	06550E	02750.00N	55093.05	99	55017.37	92156	24	26.8	-5.4	80	64	1.64	24.8	22.5	-4.9	100	72	15.23	25.2	2.6	-2.7	58	70	5.53
2018 Vine	06550E	02762.50N	55098.08	99	55022.6	92238	24	21.2	-5.8	70	66	1.54	24.8	10.5	-4	95	76	14.99	25.2	0.3	-0.1	50	68	5.13
2018 Vine	06550E	02775.00N	55089.18	99	55013.63	92320	24	8.7	-4	50	70	1.37	24.8	18.5	-4.7	95	77	15.14	25.2	13.4	-5.1	59	67	5.46
2018 Vine	06550E	02787.50N	55090.76	99	55015.76	92414	24	40.7	-8.6	72	64	1.53	24.8	18.7	-5.3	91	76	14.71	25.2	12.1	-8.8	41	65	4.7
2018 Vine	06550E	02800.00N	55085.71	99	55011.18	92514	24	17.2	-5.1	46	70	1.34	24.8	13.1	-4.6	71	82	13.41	25.2	12.1	-20	15	40	2.62
2018 Vine	06550E	02812.50N	55087.19	99	55012.77	92608	24	24.7	-6.5	55	68	1.39	24.8	11.6	-4.2	80	78	13.87	25.2	3.9	-4.9	60	122	4.14
2018 Vine	06550E	02825.00N	55082.88	99	55008.6	92702	24	27	-7	63	66	1.45	24.8	24.3	-5.8	93	74	14.68	25.2	10.3	-7.2	41	64	4.62
2018 Vine	06550E	02837.50N	55088.25	99	55013.61	92750	24	21.9	-7.4	70	65	1.53	24.8	12.7	-6.6	87	77	14.35	25.2	5.2	-5.4	45	65	4.81
2018 Vine	06550E	02850.00N	55086.8	99	55011.53	92838	24	15.4	-6.4	89	59	1.7	24.8	5.9	-6.3	113	69	16.38	25.2	-3.4	-3.5	65	64	5.53
2018 Vine	06550E	02862.50N	55078.34	99	55003.07	92932	24	-11.4	-4.6	69	67	1.53	24.8	-16.1	-6.2	94	77	15.01	25.2	-24.6	4.9	41	67	4.79
2018 Vine	06550E	02875.00N	55058.46	99	54982.87	93014	24	-25.1	-5.1	70	67	1.55	24.8	-26	-7.6	99	78	15.59	25.2	-48.8	15.2	40	61	4.47
2018 Vine	06550E	02887.50N	55052.13	99	54976.27	93050	24	-34.7	-4.6	75	72	1.66	24.8	-42	-8.4	110	87	17.31	25.2	-53.7	11.3	52	66	5.13
2018 Vine	06550E	02900.00N	55042.57	99	54967.37	93150	24	123.8	-29.9	86	62	1.68	24.8	101.8	-21.7	122	68	17.27	25.2	137.8	-80.7	41	57	4.32
2018 Vine	06550E	02912.50N	55092.31	99	55017.89	93344	24	30.8	-26.3	30	30	1.36	24.8	44.1	-22.2	51	34	15.28	25.2	21.3	-24.9	59	59	5.06
2018 Vine	06550E	02925.00N	55092.71	99	55018.46	93450	24	33.8	-25	97	55	1.78	24.8	37	-21.8	66	27	17.67	25.2	22.2	-26.9	72	58	5.65
2018 Vine	06550E	02937.50N	55092.9	99	55019.07	93538	24	25.8	-25	98	56	1.8	24.8	29.9	-22.6	65	30	17.74	25.2	18.8	-29.7	70	57	5.51
2018 Vine	06550E	02950.00N	55093.36	99	55019.77	93650	24	-4	-22.8	98	59	1.82	24.8	-4	-21	67	32	18.37	25.2	-28.5	-12.8	72	58	5.64
2018 Vine	06550E	02962.50N	55098.59	99	55024.97	93756	24	-11.1	-21.6	107	58	1.93	24.8	-8.6	-20.5	72	31	19.3	25.2	-28.5	-12.9	84	60	6.28
2018 Vine	06550E	02975.00N	55101.82	99	55028.45	93908	24	-5.2	-21.1	88	67	1.77	24.8	-5.9	-19.8	62	37	17.88	25.2	-27.3	-9.8	64	63	5.47
2018 Vine	06550E	02987.50N	55100.07	99	55026.72	93950	24	14.7	-25.8	61	72	1.51	24.8	11.1	-20.8	49	42	16.14	25.2	-17.5	-17.1	36	48	3.67
2018 Vine	06550E	03000.00N	55106.99	99	55033.35	94032	24	9.3	-19.5	81	67	1.67	24.8	10	-17.4	115	80	17.38	25.2	-8.7	-13.2	102	114	4.64
2018 Vine	06550E	03012.50N	55101	99	55027.29	94114	24	6.5	-20	66	71	1.54	24.8	11.7	-20	77	88	14.43	25.2	-46.6	-2.9	45	34	1.71
2018 Vine	06550E	03025.00N	55104.83	99	55031.31	94202	24	2.9	-19.8	62	70	1.49	24.8	-0.6	-17.3	93	84	15.44	25.2	-43.4	-4.3	126	126	2.7
2018 Vine	06550E	03037.50N	55096.9	99	55024.02	94256	24	9.5	-21.3	57	71	1.45	24.8	11.6	-18.7	87	85	15.11	25.2	-22.6	-13	57	80	2.99
2018 Vine	06550E	03050.00N	55090.82	99	55018.08	94332	24	18.9	-23.6	73	67	1.58	24.8	18.3	-20.6	105	78	16.14	25.2	-6.9	-20.9	88	111	4.32
2018 Vine	06550E	03062.50N	55095.37	99	55022.99	94438	24	23.9	-26.4	67	69	1.53	24.8	25.1	-22.9	99	78	15.54	25.2	-0.6	-28.1	84	114	4.29
2018 Vine	06550E	03075.00N	55094.54	99	55022.19	94550	24	23.4	-18.6	127	41	2.12	24.8	25.9	-21.5	127	54	17.08	25.2	8.2	-25.8	127	112	5.15
2018 Vine	06500E	03025.00N	55083.61	99	55012.34	101256	24	-16.6	-13.3	33	32	1.47	24.8	-3.6	-12.2	50	38	15.54	25.2	-36.6	2.4	40	46	3.73

2018 Vine	06500E	03012.50N	55087.71	99	55017.08	101344	24	-19.2	-13.4	52	71	1.4	24.8	-14.8	-12	40	41	14.25	25.2	-78.4	49.8	47	31	1.73
2018 Vine	06500E	03000.00N	55082.16	99	55012.03	101438	24	-22	-10.4	71	67	1.56	24.8	-25.1	-8.7	104	82	16.4	25.2	-70.5	14.7	127	127	2.73
2018 Vine	06500E	02987.50N	55082.02	99	55012.18	101538	24	-20.9	-11.6	72	68	1.58	24.8	-13.8	-11.4	108	81	16.68	25.2	-40.1	3.6	90	104	4.17
2018 Vine	06500E	02975.00N	55081.31	99	55011.8	101638	24	-28.2	-10.3	83	66	1.69	24.8	-21.5	-10.1	123	75	17.83	25.2	-33.7	-0.2	117	116	5.01
2018 Vine	06500E	02962.50N	55083.26	99	55014.26	101826	24	-2.6	-17.1	83	66	1.68	24.8	13.5	-18.1	54	39	16.45	25.2	-12.6	-19.1	86	101	4.03
2018 Vine	06500E	02950.00N	55086.74	99	55017.43	101920	24	-7.9	-16	111	54	1.97	24.8	-1.2	-14.8	72	30	19.36	25.2	-26.1	-9.7	127	119	5.29
2018 Vine	06500E	02937.50N	55078.05	99	55008.63	102008	24	-18.6	-12.2	91	63	1.76	24.8	-11	-13	61	36	17.44	25.2	-23.5	-6	62	61	5.28
2018 Vine	06500E	02925.00N	55069.82	99	55000.49	102050	24	-21.7	-9	103	57	1.88	24.8	-24.6	-8.1	76	29	20.14	25.2	-34.2	3.3	90	57	6.45
2018 Vine	06500E	02912.50N	55047.01	99	54977.9	102144	24	-9	-11	93	61	1.78	24.8	-4.5	-11.6	61	36	17.68	25.2	-16.1	-5.5	59	60	5.15
2018 Vine	06500E	02900.00N	54910.64	99	54841.6	102244	24	-23.1	-7.8	72	67	1.56	24.8	-16.2	-9.4	52	38	16.01	25.2	-14.6	-1.5	38	54	4.01
2018 Vine	06500E	02887.50N	54984.03	99	54915.24	102414	24	-17.9	-10.4	65	68	1.49	24.8	-16.3	-9.6	97	82	15.68	25.2	-30	6.2	36	57	4.13
2018 Vine	06500E	02875.00N	55241.96	99	55173.48	102614	24	0.2	-13.5	97	57	1.79	24.8	8	-12.4	116	72	16.89	25.2	8.9	-18.7	51	66	5.07
2018 Vine	06500E	02862.50N	55114.24	99	55045.91	102656	24	31.5	-16	61	70	1.48	24.8	35	-14.3	93	86	15.68	25.2	31.4	-25	31	60	4.12
2018 Vine	06500E	02850.00N	55063.31	99	54995.15	102732	24	97.4	-28.7	79	72	1.71	24.8	83.2	-20.4	115	90	17.97	25.2	106.2	-52.6	49	68	5.12
2018 Vine	06500E	02837.50N	55132.36	99	55064.36	102850	24	-141.5	39.2	67	67	1.52	24.8	-200	31.5	53	37	16.01	25.2	-185.9	141.7	35	59	4.17
2018 Vine	06500E	02825.00N	55063.28	99	54995.62	102944	24	-93.1	16.5	26	33	1.34	24.8	-97.8	13.4	20	18	13.28	25.2	-100.7	62.8	11	26	3.54
2018 Vine	06500E	02812.50N	55063.63	99	54996.15	103014	24	-72	14	65	65	1.46	24.8	-69.1	10.7	52	37	15.91	25.2	-67.4	25.5	59	68	5.46
2018 Vine	06500E	02800.00N	55064.87	99	54997.48	103050	24	-77.7	14.1	52	66	1.35	24.8	-78.3	10.5	23	43	12.16	25.2	-87.1	200	14	6	0.94
2018 Vine	06500E	02787.50N	55062.51	99	54995.37	103150	24	-48.3	11.7	86	60	1.67	24.8	-41.2	9.9	102	76	15.74	25.2	-37.8	20.6	84	126	4.6
2018 Vine	06500E	02775.00N	55061.99	99	54995.14	103238	24	-46.7	12.9	70	64	1.52	24.8	-44.2	11	97	79	15.44	25.2	-41.1	26	46	71	5.15
2018 Vine	06500E	02762.50N	55066.58	99	54999.9	103320	24	-44	11.2	64	67	1.48	24.8	-35.7	9.4	95	81	15.38	25.2	-37.3	22.6	41	66	4.72
2018 Vine	06500E	02750.00N	55065.11	99	54998.57	103402	24	-33.5	8.5	54	68	1.39	24.8	-30.6	9.1	81	86	14.68	25.2	-33.1	25.2	26	62	4.13
2018 Vine	06500E	02737.50N	55063.51	99	54997.18	103444	24	-18.3	7.2	67	66	1.5	24.8	-17	7.4	87	80	14.66	25.2	-22.6	14	37	67	4.68
2018 Vine	06500E	02725.00N	55066.66	99	55000.57	103532	24	-34.5	7.1	59	67	1.42	24.8	-29.7	6.6	85	82	14.58	25.2	-29.3	18.8	29	62	4.2
2018 Vine	06500E	02712.50N	55065.08	99	54999.27	103608	24	-22.4	5.4	72	65	1.54	24.8	-21.9	5.6	100	78	15.66	25.2	-25.6	11.3	51	73	5.43
2018 Vine	06500E	02700.00N	55061.04	99	54995.42	103656	24	-37.4	7	68	65	1.5	24.8	-34.7	6.5	92	80	15.01	25.2	-29	14.1	39	67	4.71
2018 Vine	06500E	02687.50N	55063.01	99	54997.49	103738	24	-28.6	5.2	47	70	1.34	24.8	-32.8	5.6	70	86	13.7	25.2	-33.7	28.5	18	53	3.4
2018 Vine	06500E	02675.00N	55061.19	99	54995.75	103814	24	-39.6	7.4	72	63	1.53	24.8	-42.8	7	96	80	15.48	25.2	-49.2	23.1	42	68	4.86
2018 Vine	06500E	02662.50N	55060.13	99	54994.93	103908	24	-47.3	7.5	58	68	1.43	24.8	-33.1	5.4	92	83	15.38	25.2	-33.4	15.2	43	69	4.98
2018 Vine	06500E	02650.00N	55056.26	99	54991.38	104002	24	-20.9	2.8	60	69	1.46	24.8	-29.6	3.4	85	84	14.84	25.2	-33.2	14.5	33	71	4.79
2018 Vine	06500E	02637.50N	55057.59	99	54993.04	104044	24	-24	4.7	74	64	1.56	24.8	-24.7	4.6	103	79	16.03	25.2	-30.2	11.7	51	73	5.4
2018 Vine	06500E	02625.00N	55055.79	99	54991.66	104138	24	-27.9	2.7	61	68	1.46	24.8	-11.2	1.4	89	87	15.4	25.2	-16.3	3.8	34	72	4.87
2018 Vine	06500E	02612.50N	55056.93	99	54993.05	104220	24	-23.8	1.7	62	68	1.46	24.8	-21.5	1.4	90	86	15.4	25.2	-19.2	4.1	36	70	4.76
2018 Vine	06500E	02600.00N	55055.92	99	54992.5	104314	24	-27.2	0.7	66	67	1.5	24.8	-21.5	0.9	89	83	15.05	25.2	-25.2	3.6	36	73	4.96
2018 Vine	06500E	02587.50N	55055.71	99	54992.58	104402	24	-32.5	3	85	62	1.68	24.8	-18.7	1.1	109	79	16.6	25.2	-20.7	1.8	51	72	5.39
2018 Vine	06500E	02575.00N	55056.18	99	54993.29	104450	24	-28.3	0.2	70	66	1.54	24.8	-7.4	-1.7	80	90	14.88	25.2	-14.1	0	16	65	4.06
2018 Vine	06500E	02562.50N	55056.15	99	54993.36	104532	24	-19.3	-0.8	90	60	1.72	24.8	-17.1	-1	122	78	17.89	25.2	-14.5	-1.3	64	71	5.83
2018 Vine	06500E	02550.00N	55057.34	99	54994.66	104614	24	-13.1	-0.8	62	69	1.48	24.8	-7.1	-1.7	40	42	14.53	25.2	-10.3	-1.1	28	75	4.91
2018 Vine	06500E	02537.50N	55049.74	99	54987.19	104650	24	-19.6	-1.3	50	71	1.38	24.8	-18.2	-1.1	70	93	14.46	25.2	-21	1.4	16	70	4.38
2018 Vine	06500E	02525.00N	55054.84	99	54992.3	104732	24	-6.5	1.4	69	68	1.55	24.8	-11.8	2.3	110	86	17.27	25.2	-6.7	-1.9	52	77	5.64
2018 Vine	06500E	02512.50N	55052.92	99	54990.63	104844	24	-14.5	4.7	65	69	1.51	24.8	-12	4.7	98	90	16.45	25.2	-10.1	4.2	43	79	5.45
2018 Vine	06500E	02500.00N	55058.68	99	54996.68	104914	24	-13.4	6.3	68	69	1.55	24.8	-15.4	5.5	104	86	16.76	25.2	-9.9	6.9	49	79	5.64
2018 Vine	06500E	02487.50N	55054.38	99	54992.81	104956	24	-17.2	7.8	67	70	1.55	24.8	-17	7.7	99	92	16.7	25.2	-5.5	8.3	39	79	5.36
2018 Vine	06500E	02475.00N	55055.18	99	54993.83	105038	24	-18	7.9	83	65	1.68	24.8	-12.9	6.6	117	82	17.71	25.2	-2.2	5	58	76	5.81
2018 Vine	06500E	02462.50N	55053.67	99	54992.39	105114	24	-0.5	7.8	85	63	1.68	24.8	-1.1	7.6	119	80	17.77	25.2	0	7.4	67	76	6.16
2018 Vine	06500E	02450.00N	55053.17	99	54992.08	105144	24	-10	12.3	45	71	1.34	24.8	-13	13	68	94	14.39	25.2	-1.3	18.7	25	70	4.53

2018 Vine	06500E	02437.50N	55050.25	99	54989.44	105226	24	-16.2	15.7	68	68	1.53	24.8	-15.7	13.6	101	88	16.58	25.2	-0.7	15.1	36	77	5.2
2018 Vine	06500E	02425.00N	55053.42	99	54992.82	105302	24	-25.9	14.7	65	68	1.49	24.8	-18.1	12.6	95	91	16.32	25.2	-15.2	19.5	40	75	5.19
2018 Vine	06500E	02412.50N	55052.41	99	54991.92	105344	24	-17.2	10.7	69	67	1.53	24.8	-17.1	10.1	95	86	15.87	25.2	-3.9	17.2	42	77	5.34
2018 Vine	06500E	02400.00N	55047.56	99	54987.19	105426	24	-10.2	10.7	62	68	1.46	24.8	-16.5	13.3	94	90	16.14	25.2	-5	15.4	39	80	5.42
2018 Vine	06500E	02387.50N	55054.02	99	54993.85	105502	24	-20.5	13.5	59	68	1.44	24.8	-16.6	11.8	86	90	15.41	25.2	-9.5	17.6	33	74	4.97
2018 Vine	06500E	02375.00N	55052.73	99	54992.74	105550	24	-10.8	12.6	71	65	1.54	24.8	-9	11.7	101	88	16.52	25.2	-2.2	15	52	76	5.62
2018 Vine	06500E	02362.50N	55050.61	99	54990.72	105638	24	-17.1	9.4	68	64	1.48	24.8	-16	7.2	88	89	15.42	25.2	-9.4	13.2	35	72	4.88
2018 Vine	06500E	02350.00N	55051.24	99	54991.82	105808	24	-43.5	18.9	91	53	1.69	24.8	-34.2	18.1	111	79	16.85	25.2	-44.4	34.2	58	70	5.53
2018 Vine	00009N	06900.00E	55112.02	99	55036.8	91314	24	27	-15.6	56	27	2	24.8	20.8	-13.1	67	29	18.17	25.2	13.6	-20.6	72	46	5.23
2018 Vine	00009N	06912.50E	55116.33	99	55040.85	91426	24	8.5	-11.4	56	28	2.01	24.8	18.4	-12	66	30	17.9	25.2	15.1	-17.8	79	47	5.6
2018 Vine	00009N	00000.00E	55112.53	99	55036.97	91508	24	22.8	-11.5	63	-32	2.26	24.8	24.1	-11.4	63	-37	18.17	25.2	15.7	-12.2	127	-43	8.14
2018 Vine	00009N	00012.50E	55120.67	99	55044.96	91544	24	12.2	-10.5	77	-19	2.54	24.8	18	-11.4	80	-23	20.68	25.2	10.6	-9.2	83	-10	10.21
2018 Vine	00009N	00025.00E	55111.7	99	55036.29	91626	24	16.6	-13.3	69	-27	2.38	24.8	23.3	-13.6	71	-31	19.19	25.2	20.6	-11.6	78	-17	9.76
2018 Vine	00009N	00037.50E	55108.72	99	55033.17	91714	24	15.8	-14	71	-25	2.41	24.8	19.4	-14.1	73	-29	19.41	25.2	10.2	-12.2	82	-16	10.22
2018 Vine	00009N	00050.00E	55110	99	55034.55	91808	24	16.2	-14	74	-21	2.46	24.8	19.1	-14.4	80	-25	20.9	25.2	7	-11.5	84	-13	10.36
2018 Vine	00009N	00062.50E	55108.72	99	55033.23	91856	24	18.8	-14.7	82	-11	2.64	24.8	18.6	-14.9	88	-15	22.17	25.2	6.6	-12.2	86	-3	10.5
2018 Vine	00009N	00075.00E	55106.24	99	55030.76	91932	24	16.4	-15.5	84	-7	2.68	24.8	14.8	-16.2	90	-11	22.54	25.2	3.7	-12.4	88	0	10.73
2018 Vine	00009N	00087.50E	55101.36	99	55025.74	92026	24	28.7	-15.3	77	-23	2.57	24.8	26.8	-17	80	-27	20.82	25.2	13.4	-13.1	84	-15	10.43
2018 Vine	00009N	00100.00E	55118.91	99	55043.76	92138	24	24.3	-16.4	75	-27	2.54	24.8	27.7	-17.6	79	-28	20.87	25.2	23.1	-14.2	85	-13	10.44
2018 Vine	00009N	00112.50E	55120.84	99	55045.84	92250	24	28.5	-16.1	84	-17	2.74	24.8	27	-16.8	91	-21	23.04	25.2	8.2	-12.3	93	-8	11.42
2018 Vine	00009N	00125.00E	55108.56	99	55034.25	92402	24	35.6	-16.1	82	-20	2.7	24.8	31.9	-17.3	84	-25	21.71	25.2	16.3	-12.6	89	-14	10.96
2018 Vine	00009N	00137.50E	55112.7	99	55038.97	92502	24	36.5	-13.6	82	-23	2.72	24.8	30.7	-15.1	85	-29	22.11	25.2	30.1	-13.8	93	-5	11.35
2018 Vine	00009N	00150.00E	55105.67	99	55031.97	92556	24	40.5	-14.2	84	-21	2.75	24.8	36.8	-15.1	95	-17	23.82	25.2	25.1	-12.5	88	-14	10.86
2018 Vine	00009N	00162.50E	55088.82	99	55014.83	92702	24	36.2	-15.5	82	-22	2.72	24.8	34.4	-16.2	86	-28	22.51	25.2	24.7	-14.1	86	-14	10.63
2018 Vine	00009N	00175.00E	55086.82	99	55012.5	92750	24	28.4	-14	79	-27	2.68	24.8	27.6	-15.2	86	-32	22.67	25.2	16	-12.3	88	-17	10.92
2018 Vine	00009N	00187.50E	55087.94	99	55013.5	92856	24	20.2	-13.4	88	-20	2.89	24.8	22	-13.4	92	-23	23.48	25.2	16.3	-12.1	93	-9	11.35
2018 Vine	00009N	00200.00E	55086.91	99	55013.34	93026	24	40	-13.5	84	-22	2.78	24.8	32.9	-13	91	-27	23.39	25.2	27.2	-12.2	90	-11	11.01
2018 Vine	00009N	00212.50E	55088.78	99	55015.75	93138	24	40.1	-12.2	86	-22	2.83	24.8	49.2	-12.7	95	-25	24.4	25.2	35.4	-14.8	89	-12	10.96
2018 Vine	00009N	00225.00E	55091.4	99	55018.91	93250	24	31.9	-10.9	80	-26	2.68	24.8	28.9	-11.1	87	-30	22.88	25.2	25.8	-10.6	90	-16	11.09
2018 Vine	00009N	00237.50E	55084.87	99	55012.27	93350	24	25.8	-7.7	81	-24	2.71	24.8	27.5	-7.8	87	-28	22.56	25.2	22.3	-7.6	86	-14	10.64
2018 Vine	00009N	00250.00E	55084.96	99	55012.7	93438	24	28.2	-8	74	-28	2.54	24.8	28.1	-8.9	79	-35	21.33	25.2	17.5	-7.8	79	-20	9.96
2018 Vine	00009N	00262.50E	55088	99	55015.58	93520	24	27.6	-9.4	71	-29	2.46	24.8	29.4	-9.5	75	-35	20.44	25.2	21.1	-8.4	78	-20	9.86
2018 Vine	00009N	00275.00E	55085.15	99	55012.51	93602	24	48.1	-9.6	73	-28	2.49	24.8	54.8	-9.6	77	-33	20.71	25.2	31	-10	82	-16	10.16
2018 Vine	00009N	00287.50E	55083.61	99	55012.09	93656	24	22	-9	72	-27	2.47	24.8	23.3	-9.6	77	-32	20.61	25.2	15.7	-8.1	79	-17	9.87
2018 Vine	00009N	00300.00E	55083.96	99	55014.17	93744	24	35.6	-8.2	74	-26	2.5	24.8	35.4	-8.1	78	-32	20.9	25.2	26.7	-7.9	80	-18	10.02
2018 Vine	00009N	00312.50E	55084.81	99	55010.44	93856	24	29.8	-6.1	66	-33	2.36	24.8	30.4	-7.3	67	-39	19.34	25.2	22.9	-5.8	74	-24	9.46
2018 Vine	00009N	00325.00E	55090.87	99	55016.69	93944	24	19	-5.6	72	-28	2.45	24.8	21	-6.2	76	-33	20.5	25.2	13.4	-3.6	79	-17	9.83
2018 Vine	00009N	00337.50E	55096.48	99	55023.57	94056	24	17.6	-8	85	-4	2.7	24.8	34.2	-7.3	95	-11	23.59	25.2	20.7	-6.5	83	0	10.16
2018 Vine	00009N	00350.00E	55092.56	99	55021.84	94150	24	21.2	-5.9	67	-31	2.37	24.8	25.6	-6.3	70	-37	19.65	25.2	19.7	-2.8	77	-25	9.81
2018 Vine	00009N	00362.50E	55087.16	99	55015.69	94232	24	18	-5.9	70	-29	2.41	24.8	18.4	-5.7	71	-36	19.76	25.2	12.3	-1.2	73	-24	9.36
2018 Vine	00009N	00375.00E	55085.99	99	55014.35	94314	24	18	-4	71	-30	2.45	24.8	21.4	-4.1	76	-34	20.59	25.2	11.8	-1	77	-19	9.67
2018 Vine	00009N	00387.50E	55084.97	99	55012.68	94402	24	24.5	-3.3	71	-29	2.46	24.8	24.8	-3.2	72	-37	20.04	25.2	16.2	-0.3	78	-22	9.93
2018 Vine	00009N	00400.00E	55085.13	99	55013.71	94520	24	15.9	-3.6	64	-35	2.34	24.8	19.5	-4.4	68	-41	19.7	25.2	13.3	-1.2	72	-26	9.33
2018 Vine	00009N	00412.50E	55086.1	99	55016.14	94650	24	14.2	-6.8	72	-30	2.5	24.8	16.8	-6.8	78	-36	21.25	25.2	8.8	-2.8	78	-20	9.84
2018 Vine	00009N	00425.00E	55081.5	99	55011.89	94726	24	30.2	-6.2	68	-32	2.41	24.8	22	-6.6	75	-36	20.73	25.2	15.6	-3.9	78	-21	9.89
2018 Vine	00009N	00437.50E	55077.42	99	55007.94	94832	24	22.8	-7.5	73	-27	2.49	24.8	20.5	-7.7	78	-35	21.16	25.2	9.2	-4.7	77	-19	9.67

2018 Vine	00009N	00450.00E	55072.72	99	55003.14	94914	24	30	-5	67	-31	2.37	24.8	15.9	-4	63	-42	18.84	25.2	12.4	-2.6	63	-31	8.6
2018 Vine	00009N	00462.50E	55084.45	99	55013.51	95044	24	26.9	-7.1	74	-27	2.5	24.8	27.4	-6.2	79	-31	21.05	25.2	20.8	-5.1	78	-16	9.66
2018 Vine	00009N	00475.00E	55087.54	99	55016.65	95144	24	17.8	-6.8	77	-23	2.57	24.8	18.9	-6.5	83	-30	21.88	25.2	7.5	-4.4	80	-15	9.9
2018 Vine	00009N	00487.50E	55079.89	99	55009.11	95232	24	18.6	-8.4	76	-23	2.54	24.8	19.1	-8.1	81	-30	21.42	25.2	11.9	-6.2	79	-17	9.88
2018 Vine	00009N	00500.00E	55079.03	99	55008.3	95332	24	22.5	-5.4	79	-19	2.6	24.8	25.1	-5.4	84	-23	21.57	25.2	16.1	-4.2	83	-12	10.18
2018 Vine	00009N	00512.50E	55085.7	99	55015.62	95438	24	21.3	-7	70	-28	2.4	24.8	21.4	-7.5	72	-32	19.54	25.2	14	-5.5	76	-18	9.49
2018 Vine	00009N	00525.00E	55075.12	99	55005.28	95526	24	26.5	-7.4	79	-16	2.58	24.8	25	-7.2	84	-22	21.56	25.2	22.1	-6.8	79	-10	9.7
2018 Vine	00009N	00537.50E	55076.74	99	55007.44	95632	24	7.8	-8.7	80	-17	2.62	24.8	7.5	-9.3	88	-21	22.39	25.2	5.5	-5.8	78	-8	9.51
2018 Vine	00009N	00550.00E	55077.23	99	55008.29	95714	24	18.7	-10.5	75	-21	2.49	24.8	13.5	-11.6	80	-25	20.68	25.2	5.7	-7.8	76	-12	9.42
2018 Vine	00009N	00562.50E	55079.04	99	55010.48	95820	24	12.6	-8.5	74	-21	2.45	24.8	10.2	-10.8	83	-20	21.08	25.2	3	-6.6	79	-10	9.68
2018 Vine	00009N	00575.00E	55076.42	99	55008.07	95932	24	20.9	-10.3	74	-20	2.47	24.8	19.4	-11.1	78	-24	20.21	25.2	17.8	-8.2	76	-15	9.49
2018 Vine	00009N	00587.50E	55082.16	99	55013.95	100032	24	21.5	-10.8	79	-13	2.54	24.8	25	-11.7	85	-18	21.44	25.2	13.8	-8	64	-15	8.08
2018 Vine	00009N	00600.00E	55085.19	99	55017.62	100144	24	14.9	-10.3	77	-14	2.49	24.8	12.9	-11.7	85	-18	21.53	25.2	2.3	-6.1	68	-6	8.32
2018 Vine	00009N	00612.50E	55080.54	99	55013.34	100238	24	8.9	-11.1	68	-24	2.31	24.8	9.8	-12.9	73	-29	19.39	25.2	-1.6	-6	64	-14	8.01
2018 Vine	00009N	00625.00E	55078.02	99	55011.17	100344	24	38.7	-12.5	70	-22	2.37	24.8	37.5	-13.5	75	-26	19.67	25.2	22.1	-10.6	65	-12	8.08
2018 Vine	00010N	00000.00E	55066.57	99	55003.04	103532	24	-27.1	1.5	83	-2	2.64	24.8	-32.7	1.7	92	-10	22.87	25.2	-20.4	0.6	77	-4	9.35
2018 Vine	00010N	00012.50E	55076.25	99	55012.81	103608	24	-11.9	3.8	82	-6	2.62	24.8	-17.3	3.5	93	-12	23.24	25.2	-16.1	1.2	84	0	10.23
2018 Vine	00010N	00025.00E	55075.9	99	55012.55	103702	24	-3	5.8	80	-14	2.6	24.8	-6.3	6.2	93	-19	23.6	25.2	3.7	0.5	82	-6	10.02
2018 Vine	00010N	00037.50E	55074.03	99	55010.81	103802	24	-14	7.9	76	-21	2.53	24.8	-16.3	8.6	86	-26	22.19	25.2	-10.4	3.3	84	-8	10.29
2018 Vine	00010N	00050.00E	55076.76	99	55013.59	103844	24	9.6	7.1	81	-16	2.65	24.8	6.1	8.5	95	-22	24.25	25.2	11.8	0.5	87	-9	10.68
2018 Vine	00010N	00062.50E	55075.95	99	55013.01	104032	24	8.9	6.1	83	-17	2.7	24.8	4.3	8.3	94	-23	23.87	25.2	11.8	0.8	82	-9	10.08
2018 Vine	00010N	00075.00E	55073.73	99	55010.91	104120	24	25	8.8	74	-23	2.48	24.8	21.6	11.4	80	-34	21.6	25.2	25	0	84	-16	10.36
2018 Vine	00010N	00087.50E	55072.86	99	55010.25	104338	24	17.1	8.2	78	-21	2.57	24.8	22.8	9.5	87	-31	22.8	25.2	18.8	0.5	77	-15	9.55
2018 Vine	00010N	00100.00E	55074.72	99	55012	104444	24	11.4	5.3	79	-19	2.59	24.8	9.9	7.2	90	-26	23.25	25.2	13.6	0.2	81	-12	9.95
2018 Vine	00010N	00112.50E	55071.88	99	55009.38	104602	24	13.9	3.6	76	-21	2.53	24.8	14.5	4.5	89	-28	23.13	25.2	15.1	-2.2	82	-11	10.02
2018 Vine	00010N	00125.00E	55075.8	99	55013.7	104650	24	18	1.3	79	-18	2.6	24.8	14.8	1.7	91	-27	23.57	25.2	16	-4.5	82	-12	10.14
2018 Vine	00010N	00137.50E	55070.73	99	55009.03	104808	24	-3.4	0.4	77	-20	2.54	24.8	-4.3	0.2	90	-27	23.27	25.2	0.5	-3.5	82	-12	10.05
2018 Vine	00010N	00150.00E	55072.83	99	55011.02	104914	24	-4.4	0	71	-26	2.43	24.8	-4.8	-1.1	81	-35	21.82	25.2	-2.4	-4.8	82	-16	10.18
2018 Vine	00010N	00162.50E	55073.12	99	55011.15	104956	24	8.8	0.7	74	-23	2.47	24.8	5.7	0.9	85	-31	22.33	25.2	8.5	-4.4	83	-16	10.33
2018 Vine	00010N	00175.00E	55086.16	99	55024.05	105044	24	8.9	2.8	74	-23	2.48	24.8	1.3	1.1	92	-28	23.71	25.2	5.4	-3.9	87	-12	10.69
2018 Vine	00010N	00187.50E	55078.41	99	55016.55	105156	24	3.4	0.7	82	-13	2.65	24.8	0.9	0	98	-18	24.63	25.2	11.2	-6.8	83	-4	10.07
2018 Vine	00010N	00200.00E	55070	99	55008.08	105232	24	10.6	2.4	82	-15	2.66	24.8	6.3	2.6	96	-22	24.3	25.2	14.7	-4.5	83	-8	10.13
2018 Vine	00010N	00212.50E	55080.31	99	55018.71	105326	24	2.4	4.5	67	-32	2.38	24.8	-1.6	4.8	77	-41	21.65	25.2	7.2	-2.1	77	-24	9.85
2018 Vine	00010N	00225.00E	55080.7	99	55019.12	105420	24	-7.2	5.1	65	-34	2.36	24.8	-7.5	5.9	76	-41	21.34	25.2	0.7	-2.5	76	-26	9.76
2018 Vine	00010N	00237.50E	55078.9	99	55017.37	105808	24	-4.6	4.6	75	-28	2.55	24.8	-8	4.6	85	-35	22.62	25.2	-1	-1	85	-18	10.54
2018 Vine	00010N	00250.00E	55088.99	99	55027.76	105844	24	-12.8	4.9	41	-44	1.94	24.8	-17.3	4.2	43	-54	17.05	25.2	-6.3	-2.2	63	-38	8.94
2018 Vine	00010N	00262.50E	55081.4	99	55020.44	105926	24	-4.7	1.8	127	-48	2.17	24.8	-3.9	0.9	87	-33	23.07	25.2	-0.7	-3.5	83	-15	10.21
2018 Vine	00010N	00275.00E	55085.29	99	55024.36	110050	24	2.4	1.3	71	-29	2.46	24.8	-15.4	0.4	85	-35	22.82	25.2	-10.2	-2.3	85	-17	10.61
2018 Vine	00010N	00287.50E	55080.38	99	55019.51	110144	24	-6.3	2.2	76	-24	2.55	24.8	-14	1.2	86	-32	22.67	25.2	-2.5	-1.6	83	-16	10.3
2018 Vine	00010N	00300.00E	55080.13	99	55019.31	110250	24	-3.8	5.9	63	-33	2.28	24.8	-11.8	5.2	69	-43	20.19	25.2	-6.8	0.6	75	-29	9.76
2018 Vine	00010N	00312.50E	55080.33	99	55019.74	110338	24	-7.9	4.7	79	-21	2.6	24.8	-9.1	3.8	89	-29	23.3	25.2	-9.9	1.6	86	-13	10.63
2018 Vine	00010N	00325.00E	55084.2	99	55023.66	110450	24	-9.9	3	80	-20	2.64	24.8	-11.3	2.3	94	-28	24.28	25.2	-8.9	-0.1	89	-11	10.87
2018 Vine	00010N	00337.50E	55081.6	99	55020.89	110526	24	-9.3	3.5	84	-17	2.72	24.8	-16.7	3	97	-25	24.71	25.2	-13	2.5	92	-9	11.24
2018 Vine	00010N	00350.00E	55083.14	99	55022.48	110608	24	-20.7	3.6	80	-22	2.64	24.8	-21.8	3.1	93	-30	24.23	25.2	-12.2	1.6	88	-12	10.82
2018 Vine	00010N	00362.50E	55080.57	99	55020.33	110708	24	-9.5	4.4	82	-23	2.7	24.8	-21.5	3.9	94	-30	24.3	25.2	-14.1	3.2	92	-14	11.27
2018 Vine	00010N	00375.00E	55084.43	99	55024.01	110802	24	5.5	3.1	85	-18	2.77	24.8	-12.2	3.1	95	-25	24.3	25.2	-11.5	1.2	93	-13	11.46

2018 Vine	00010N	00387.50E	55081.25	99	55020.79	110838	24	-11.6	5	84	-22	2.76	24.8	-17.9	4.6	93	-34	24.54	25.2	-7.1	2.2	88	-19	10.98
2018 Vine	00010N	00400.00E	55078.66	99	55018.66	111002	24	19.2	5.3	92	-14	2.98	24.8	3.6	6	105	-21	26.4	25.2	15.6	1.5	101	-7	12.3
2018 Vine	00010N	00412.50E	55079.43	99	55019.35	111044	24	3.9	8.3	85	-23	2.81	24.8	-3.9	8.5	96	-31	25	25.2	0.4	3.9	96	-14	11.85
2018 Vine	00010N	00425.00E	55079.49	99	55019.54	111132	24	6.6	8.2	79	-30	2.71	24.8	-1.1	7.9	91	-38	24.56	25.2	3.6	2.9	87	-20	10.85
2018 Vine	00010N	00437.50E	55082.74	99	55022.88	111202	24	7.8	8.7	78	-29	2.67	24.8	7.5	8.6	91	-37	24.28	25.2	8.5	3.6	93	-21	11.57
2018 Vine	00010N	00450.00E	55084.68	99	55025.3	111232	24	0.8	6.9	80	-28	2.72	24.8	-14	6.9	95	-36	25.13	25.2	-4.6	2.9	95	-21	11.82
2018 Vine	00010N	00462.50E	55083.1	99	55023.74	111408	24	-1.1	6	83	-24	2.78	24.8	-2	5.7	99	-33	25.87	25.2	2.8	1.2	93	-16	11.45
2018 Vine	00010N	00475.00E	55081.15	99	55021.21	111514	24	-4.1	4.7	86	-21	2.83	24.8	-9.3	4.9	101	-31	26.11	25.2	-0.6	0.6	97	-14	11.93
2018 Vine	00010N	00487.50E	55070.88	99	55010.82	111556	24	-1.5	4.6	85	-20	2.78	24.8	-2.3	3.9	101	-28	25.94	25.2	-4.8	0.3	94	-10	11.5
2018 Vine	00010N	00500.00E	55066.26	99	55006.45	111638	24	-6.4	4.8	80	-23	2.67	24.8	8.2	1.4	101	-27	25.76	25.2	12	-3.6	94	-11	11.55
2018 Vine	00010N	00512.50E	55071.79	99	55012.18	111756	24	-5.5	5	80	-21	2.65	24.8	-12.7	3.5	95	-29	24.71	25.2	-4.8	0.3	89	-13	11.01
2018 Vine	00010N	00525.00E	55071.31	99	55011.62	111838	24	-4.4	4.8	75	-27	2.53	24.8	-5.1	3.9	88	-35	23.39	25.2	0.6	-0.4	85	-18	10.65
2018 Vine	00010N	00537.50E	55074.96	99	55015.23	111920	24	0.8	4.3	81	-20	2.68	24.8	-6	3.2	98	-27	25.19	25.2	-2	-0.5	92	-8	11.26
2018 Vine	00010N	00550.00E	55077.73	99	55018.49	112020	24	-5.2	5	59	-37	2.23	24.8	-17	4.2	67	-47	20.25	25.2	-3.3	-0.2	79	-29	10.31
2018 Vine	00010N	00562.50E	55076.55	99	55017.06	112150	24	-15.7	2.6	81	-19	2.67	24.8	-17	1.7	96	-26	24.6	25.2	-9.2	-0.1	91	-9	11.08
2018 Vine	00010N	00575.00E	55074.01	99	55014.67	112232	24	-3.3	0.9	80	-20	2.64	24.8	-7.7	0.5	96	-27	24.74	25.2	1.7	-2.9	90	-11	11.07
2018 Vine	00010N	00587.50E	55074.76	99	55015.91	112314	24	8.2	1	82	-18	2.68	24.8	2.5	-1.2	95	-27	24.51	25.2	8.4	-5	91	-11	11.14
2018 Vine	00010N	00600.00E	55076.03	99	55017.67	112402	24	1.6	-1.1	80	-21	2.66	24.8	-3	-1.9	94	-30	24.36	25.2	3.5	-5.6	90	-13	11.07
2018 Vine	00010N	00612.50E	55080.08	99	55021.41	112450	24	-9.3	-0.6	73	-28	2.51	24.8	-12.5	-2	86	-36	23.13	25.2	-3.3	-4.5	89	-19	11.05
2018 Vine	00010N	00625.00E	55078.25	99	55019.77	112532	24	-3.6	-1.2	77	-24	2.58	24.8	-12.6	-2.2	88	-33	23.2	25.2	-3.9	-4.5	92	-17	11.33
2018 Vine	00010N	00637.50E	55078.78	99	55019.8	112644	24	0.3	-1.6	84	-13	2.72	24.8	-7.4	-2.1	98	-20	24.65	25.2	-0.8	-4.9	96	-6	11.65
2018 Vine	00010N	00650.00E	55080.16	99	55021.7	112756	24	4.9	-1.5	72	-29	2.49	24.8	-4.4	-1.9	78	-41	21.79	25.2	2.9	-5.7	85	-24	10.72
2018 Vine	00011N	00000.00E	55087.71	99	55032.85	120244	24	17.9	-1.7	82	-24	2.73	24.8	4.3	-0.7	95	-29	24.68	25.2	7.5	-0.5	98	-13	12.05
2018 Vine	00011N	00012.50E	55087.63	99	55032.45	120320	24	22.5	-2.1	84	-19	2.76	24.8	12.2	-1.9	98	-25	25.11	25.2	7.1	-0.5	98	-10	11.95
2018 Vine	00011N	00025.00E	55084.39	99	55029.09	120414	24	17.4	-2.3	81	-23	2.68	24.8	16.6	-2	93	-30	24.07	25.2	12.5	-1.6	96	-14	11.8
2018 Vine	00011N	00037.50E	55085.74	99	55030.52	120450	24	23.6	-3.3	77	-27	2.63	24.8	21.4	-2.8	89	-36	23.9	25.2	16.6	-3	89	-17	11.04
2018 Vine	00011N	00050.00E	55086.67	99	55031.27	120544	24	32.1	-3.7	84	-18	2.75	24.8	35.3	-3.4	101	-22	25.48	25.2	23.3	-3.8	95	-11	11.63
2018 Vine	00011N	00062.50E	55079.6	99	55024.57	120650	24	37.6	-3.4	82	-24	2.71	24.8	38	-3.1	93	-31	24.23	25.2	35.7	-5.4	93	-16	11.51
2018 Vine	00011N	00075.00E	55079.2	99	55024.05	120750	24	27.5	-5.8	85	-21	2.78	24.8	28.1	-4.2	99	-26	25.36	25.2	24.5	-5.4	94	-10	11.52
2018 Vine	00011N	00087.50E	55079.72	99	55024.72	120844	24	24.7	-3.9	88	-19	2.88	24.8	23.7	-3.5	100	-25	25.51	25.2	21.1	-4.4	96	-10	11.7
2018 Vine	00011N	00100.00E	55079.46	99	55024.29	120938	24	29.4	-3.4	80	-27	2.7	24.8	25.7	-3.3	91	-34	23.93	25.2	23.7	-4.3	95	-19	11.73
2018 Vine	00011N	00112.50E	55083.69	99	55028.5	121038	24	26.4	-4.7	87	-19	2.84	24.8	27.7	-4.7	100	-24	25.56	25.2	18.2	-4.8	102	-11	12.46
2018 Vine	00011N	00125.00E	55083.99	99	55029.35	121126	24	30.3	-6.1	88	-18	2.88	24.8	25.7	-4.9	102	-24	25.97	25.2	17.7	-5.5	101	-10	12.35
2018 Vine	00011N	00137.50E	55087.5	99	55032.95	121220	24	23.5	-4.1	78	-30	2.68	24.8	12.9	-4.3	89	-37	24.02	25.2	8.3	-3.3	94	-21	11.76
2018 Vine	00011N	00150.00E	55091.38	99	55036.83	121302	24	22.2	-5.8	86	-23	2.86	24.8	19.1	-5.3	100	-30	25.82	25.2	13.3	-4.8	97	-13	11.97
2018 Vine	00011N	00162.50E	55117.59	99	55062.66	121350	24	19.3	-6.6	84	-23	2.8	24.8	21	-6.5	97	-31	25.17	25.2	17.1	-6.6	95	-15	11.69
2018 Vine	00011N	00175.00E	55107.12	99	55052.02	121438	24	20.1	-6.6	85	-23	2.82	24.8	17.8	-6.7	98	-29	25.23	25.2	13.3	-5.6	95	-12	11.65
2018 Vine	00011N	00187.50E	55097.51	99	55042.34	121520	24	17.4	-7.6	80	-26	2.69	24.8	16.6	-7.3	93	-36	24.73	25.2	13.8	-6	92	-19	11.48
2018 Vine	00011N	00200.00E	55085.54	99	55030.44	121556	24	27.4	-6.9	81	-26	2.73	24.8	20.9	-6.9	94	-34	24.63	25.2	13	-5	94	-20	11.68
2018 Vine	00011N	00212.50E	55080.13	99	55024.78	121644	24	18.5	-7.5	80	-25	2.68	24.8	17.9	-6.8	94	-33	24.67	25.2	16.5	-6	93	-18	11.53
2018 Vine	00011N	00225.00E	55067.1	99	55011.82	121732	24	17	-6.7	82	-24	2.72	24.8	12.7	-7.2	96	-32	25.05	25.2	9.5	-5.3	96	-16	11.88
2018 Vine	00011N	00237.50E	55067.79	99	55012.2	121808	24	18.7	-7.1	83	-22	2.73	24.8	21.5	-7.3	99	-29	25.53	25.2	17.5	-6.4	94	-12	11.57
2018 Vine	00011N	00250.00E	55060.52	99	55005.16	121902	24	21.8	-7.6	82	-25	2.73	24.8	17.9	-7.4	97	-33	25.22	25.2	12.9	-6.1	90	-16	11.17
2018 Vine	00011N	00262.50E	55064.43	99	55009.08	121944	24	17.2	-7.7	85	-23	2.82	24.8	14.5	-7.9	100	-30	25.94	25.2	6.6	-6.2	96	-15	11.85
2018 Vine	00011N	00275.00E	55070.11	99	55014.97	122020	24	16.1	-8.1	86	-22	2.85	24.8	15.7	-8.7	101	-30	26.14	25.2	9.3	-7.2	96	-15	11.81
2018 Vine	00011N	00287.50E	55078.43	99	55023.37	122102	24	9.7	-9.7	87	-20	2.84	24.8	6	-9.3	105	-26	26.62	25.2	-1.1	-6.3	98	-10	11.95

2018 Vine	00011N	00300.00E	55077.59	99	55022.55	122156	24	22.3	-10	88	-17	2.86	24.8	21.9	-10.4	105	-23	26.68	25.2	15.2	-10.3	100	-9	12.16
2018 Vine	00011N	00312.50E	55080.88	99	55026.11	122256	24	13.1	-7.8	80	-28	2.71	24.8	12.1	-9.2	95	-37	25.1	25.2	7.2	-7.9	94	-18	11.68
2018 Vine	00011N	00325.00E	55082.44	99	55027.92	122350	24	14.7	-8.8	85	-21	2.8	24.8	12.7	-8.9	102	-27	26.05	25.2	6.9	-8	101	-12	12.38
2018 Vine	00011N	00337.50E	55084.04	99	55029.2	122444	24	27.6	-7.7	82	-26	2.76	24.8	25.1	-7.6	97	-34	25.48	25.2	10.6	-7.7	97	-11	11.92
2018 Vine	00011N	00350.00E	55083.35	99	55028.64	122544	24	35.1	-6.4	86	-22	2.83	24.8	32.1	-6.2	104	-28	26.65	25.2	18.1	-7.4	97	-15	11.95
2018 Vine	00011N	00362.50E	55083.43	99	55028.8	122650	24	29.1	-4.8	89	-16	2.88	24.8	29.9	-3.9	107	-20	27	25.2	22.2	-5.7	101	-6	12.37
2018 Vine	00011N	00375.00E	55080.97	99	55026.48	122738	24	39.7	-4.7	83	-22	2.75	24.8	39.5	-3.1	101	-28	25.93	25.2	29.5	-5.4	94	-13	11.49
2018 Vine	00011N	00387.50E	55088.83	99	55033.73	122838	24	16.3	-4.1	77	-30	2.64	24.8	18.6	-3.5	90	-40	24.43	25.2	15.3	-3.3	91	-22	11.4
2018 Vine	00011N	00400.00E	55082.44	99	55027.46	122926	24	22.9	-8.9	58	-41	2.25	24.8	24.8	-8.9	73	-50	21.96	25.2	17.7	-7.3	79	-31	10.31
2018 Vine	00011N	00412.50E	55079.29	99	55024.29	123008	24	9.1	-9.5	76	-21	2.52	24.8	15.6	-10	73	-48	21.51	25.2	11.7	-6.5	73	-29	9.55
2018 Vine	00011N	00425.00E	55075.14	99	55019.9	123038	24	27.7	-10	76	-27	2.59	24.8	27.9	-10.3	89	-34	23.51	25.2	25.3	-9.6	86	-19	10.78
2018 Vine	00011N	00437.50E	55071.29	99	55016.35	123144	24	29.4	-9.4	81	-16	2.65	24.8	29.7	-9.3	99	-23	25.16	25.2	25.9	-9.8	89	-10	10.95
2018 Vine	00011N	00450.00E	55063.18	99	55008.22	123308	24	31.1	-6	73	-25	2.48	24.8	32.1	-5.4	88	-32	23.07	25.2	21.3	-4.4	84	-16	10.43
2018 Vine	00011N	00462.50E	55072.56	99	55017.52	123426	24	34.2	-5.3	78	-22	2.58	24.8	33	-4.7	95	-29	24.51	25.2	18.2	-4.7	91	-12	11.14
2018 Vine	00011N	00475.00E	55074.19	99	55019.39	123532	24	35.2	-7.1	81	-18	2.66	24.8	34.7	-6	100	-23	25.4	25.2	27.8	-6.3	89	-9	10.94
2018 Vine	00011N	00487.50E	55073.61	99	55018.69	123632	24	36.2	-8.4	82	-17	2.68	24.8	31.5	-7	102	-25	25.99	25.2	24.9	-7.2	89	-9	10.9
2018 Vine	00011N	00500.00E	55071.43	99	55016.78	123744	24	31.3	-9.9	78	-23	2.59	24.8	22.3	-9	93	-32	24.39	25.2	21	-9.9	86	-11	10.52
2018 Vine	00011N	00512.50E	55072.68	99	55017.95	123838	24	31.7	-12.2	80	-18	2.63	24.8	27.4	-11.5	97	-26	24.8	25.2	16	-10.8	90	-11	11
2018 Vine	00011N	00525.00E	55069.04	99	55014.37	123926	24	32.4	-13	82	-11	2.66	24.8	22.6	-12.3	99	-20	25.02	25.2	17.1	-12.1	88	-7	10.76
2018 Vine	00011N	00537.50E	55063.93	99	55009.33	124050	24	33.5	-12.6	78	-17	2.56	24.8	26.5	-13.1	93	-26	23.99	25.2	29.6	-14.5	85	-12	10.42
2018 Vine	00011N	00550.00E	55059.54	99	55004.37	124214	24	34.9	-15.2	73	-20	2.43	24.8	30.8	-15.6	88	-27	22.76	25.2	30.8	-16	82	-12	10.12
2018 Vine	00011N	00562.50E	55058.12	99	55002.99	124338	24	30.1	-13.7	70	-24	2.38	24.8	21.9	-14.8	85	-31	22.39	25.2	18.7	-13.4	82	-15	10.18
2018 Vine	00011N	00575.00E	55059	99	55004.09	124432	24	21.7	-12.6	72	-22	2.41	24.8	18.6	-13.2	88	-28	22.84	25.2	22.7	-12.6	80	-16	9.93
2018 Vine	00011N	00587.50E	55060.2	99	55005.29	124520	24	25.4	-12.6	66	-28	2.31	24.8	22.9	-13.3	79	-35	21.39	25.2	14.6	-10.8	83	-20	10.36
2018 Vine	00011N	00600.00E	55058.42	99	55003.57	124614	24	31	-11	79	-14	2.56	24.8	34.7	-11.3	95	-17	23.9	25.2	26.2	-10.7	86	-7	10.56
2018 Vine	00011N	00612.50E	55056.67	99	55001.52	124726	24	28.7	-10.4	76	-19	2.52	24.8	28.6	-9.5	89	-27	23.11	25.2	17.7	-7.8	87	-13	10.73
2018 Vine	00011N	00625.00E	55063.02	99	55007.71	124826	24	49.6	-11.3	81	-17	2.65	24.8	50.2	-10.2	98	-23	24.97	25.2	43.7	-13.4	90	-8	10.97
2018 Vine	00011N	00637.50E	55060.38	99	55005.46	124944	24	33.7	-12.4	86	-14	2.79	24.8	26.8	-10.7	104	-21	26.25	25.2	14.3	-9.3	95	-7	11.63
2018 Vine	00011N	00650.00E	55062.28	99	55007.13	125038	24	36.7	-12.5	84	-20	2.77	24.8	34.2	-11.3	98	-35	25.65	25.2	9.5	-9.4	97	-12	11.92
2018 Vine	00012N	00000.00E	55065.56	99	55011.04	131726	24	-0.1	8.8	93	-12	2.98	24.8	-10.6	6.8	116	-26	29.48	25.2	-3.2	4.6	96	-9	11.76
2018 Vine	00012N	00012.50E	55074.49	99	55019.61	131802	24	-6.7	7.3	89	-21	2.92	24.8	-11.6	5.3	110	-30	28.13	25.2	-1.8	2.8	97	-14	11.9
2018 Vine	00012N	00025.00E	55064.4	99	55010.27	131838	24	-17.5	5.6	86	-25	2.87	24.8	-20.2	4.4	106	-32	27.4	25.2	-8.9	2.8	98	-16	12.1
2018 Vine	00012N	00037.50E	55064.96	99	55010.31	131938	24	-30.1	3.7	82	-15	2.67	24.8	-37.8	2.4	107	-23	27.03	25.2	-24.7	2.8	93	-9	11.33
2018 Vine	00012N	00050.00E	55059.38	99	55004.6	132026	24	-4.3	3.9	86	-6	2.76	24.8	-4.8	3.5	108	-8	26.73	25.2	6.5	0.4	91	0	11.04
2018 Vine	00012N	00062.50E	55064.07	99	55008.58	132144	24	-6.8	9.6	75	-27	2.53	24.8	-10.4	7.3	91	-35	24.05	25.2	-2.5	3.3	89	-21	11.08
2018 Vine	00012N	00075.00E	55065.8	99	55010.59	132250	24	-4.6	7.8	79	-22	2.63	24.8	-11.9	8.4	96	-31	24.9	25.2	-4.2	5.3	90	-17	11.2
2018 Vine	00012N	00087.50E	55070.88	99	55014.4	132432	24	-14.1	8.3	71	-31	2.48	24.8	-16.7	7.6	88	-39	23.77	25.2	-15	5.3	87	-22	10.88
2018 Vine	00012N	00100.00E	55070.26	99	55013.96	132508	24	-14.1	7.6	78	-24	2.59	24.8	-13.9	6.3	95	-32	24.79	25.2	-13.2	4.9	93	-18	11.54
2018 Vine	00012N	00112.50E	55068.26	99	55012.13	132556	24	-4.2	7	81	-22	2.67	24.8	-7.8	7.1	95	-28	24.47	25.2	-3.2	4.4	93	-14	11.48
2018 Vine	00012N	00125.00E	55074.06	99	55018.07	132656	24	7.2	6.5	79	-24	2.64	24.8	1.2	7.5	91	-35	24.19	25.2	-0.1	3.2	93	-19	11.59
2018 Vine	00012N	00137.50E	55069.7	99	55013.04	132814	24	17.5	6.7	88	-10	2.82	24.8	15	6.7	107	-16	26.79	25.2	13.5	2.5	95	-2	11.58
2018 Vine	00012N	00150.00E	55071.09	99	55015	132914	24	17.1	6.6	79	-26	2.65	24.8	10.9	7.4	94	-35	24.93	25.2	5.5	2.5	92	-21	11.44
2018 Vine	00012N	00162.50E	55075.64	99	55018.83	133002	24	5.3	7.6	73	-34	2.58	24.8	2.8	8	84	-42	23.19	25.2	5.8	2.5	90	-23	11.35
2018 Vine	00012N	00175.00E	55072.33	99	55015.52	133056	24	7.7	5.3	79	-24	2.65	24.8	4.9	5	97	-33	25.27	25.2	6	0.5	94	-17	11.63
2018 Vine	00012N	00187.50E	55072.42	99	55015.53	133144	24	3.7	3	85	-19	2.77	24.8	-2.8	2.4	103	-26	26.37	25.2	2.3	-1.7	99	-10	12.1
2018 Vine	00012N	00200.00E	55074.58	99	55017.54	133232	24	-2.3	3.2	79	-25	2.65	24.8	-8	1.9	92	-38	24.54	25.2	-7.4	-1.1	90	-24	11.32

2018 Vine	00012N	00212.50E	55071.61	99	55014.38	133332	24	-8	2	79	-26	2.66	24.8	-13	0.4	96	-35	25.4	25.2	-2.4	-3	90	-18	11.21
2018 Vine	00012N	00225.00E	55067.41	99	55010.1	133420	24	-2.4	0.3	83	-21	2.72	24.8	-7.1	-0.1	100	-30	25.96	25.2	0.7	-4.2	103	-16	12.7
2018 Vine	00012N	00237.50E	55072.25	99	55014.17	133520	24	1.9	1.7	73	-30	2.52	24.8	-0.6	1.9	87	-39	23.67	25.2	4.8	-3.7	90	-24	11.32
2018 Vine	00012N	00250.00E	55075.96	99	55017.74	133632	24	-6.2	4.3	72	-33	2.52	24.8	-10.6	4.4	81	-43	22.79	25.2	-4.6	-0.2	88	-28	11.21
2018 Vine	00012N	00262.50E	55078.59	99	55020.35	133732	24	9.2	4.1	74	-31	2.55	24.8	4	4.7	84	-41	23.16	25.2	10.7	-1.3	92	-23	11.57
2018 Vine	00012N	00275.00E	55083.46	99	55024.93	133832	24	5.4	3.8	68	-36	2.45	24.8	-2.2	3.4	75	-47	21.93	25.2	7.5	-1.9	87	-28	11.16
2018 Vine	00012N	00287.50E	55079.12	99	55020.82	133938	24	5.7	0	80	-27	2.68	24.8	2.6	-1.2	93	-36	24.67	25.2	11.9	-5.3	93	-20	11.58
2018 Vine	00012N	00300.00E	55074.61	99	55015.47	134038	24	5.3	-2.9	84	-18	2.74	24.8	5.6	-3.2	104	-24	26.36	25.2	11.6	-7.7	100	-9	12.23
2018 Vine	00012N	00312.50E	55073.05	99	55014.08	134132	24	10.2	-3.4	87	-15	2.81	24.8	0	-3.2	105	-22	26.65	25.2	7.7	-7.2	94	-8	11.48
2018 Vine	00012N	00325.00E	55076.16	99	55016.42	134214	24	10.7	-1.3	86	-15	2.79	24.8	8.5	-2.3	105	-22	26.62	25.2	16.4	-7.1	97	-7	11.85
2018 Vine	00012N	00337.50E	55085.15	99	55025.2	134320	24	0.1	-1.9	85	-17	2.75	24.8	-2.1	-2.3	102	-24	25.9	25.2	3.3	-5.3	102	-9	12.42
2018 Vine	00012N	00350.00E	55097.23	99	55037.1	134414	24	0	-2.1	81	-22	2.69	24.8	-2.3	-2.3	98	-30	25.48	25.2	-6.5	-4.8	95	-18	11.82
2018 Vine	00012N	00362.50E	55103.48	99	55043	134502	24	1.7	-1.1	76	-27	2.57	24.8	1.4	-2	89	-37	23.96	25.2	5.3	-6.2	92	-21	11.47
2018 Vine	00012N	00375.00E	55110.53	99	55050.88	134556	24	12.3	0	89	-12	2.87	24.8	4.2	-1.9	105	-19	26.42	25.2	1.6	-5.4	100	-4	12.21
2018 Vine	00012N	00387.50E	55126.08	99	55066.46	134656	24	7.1	1.8	83	-26	2.77	24.8	2.1	0	96	-32	25.07	25.2	8	-5.1	96	-16	11.85
2018 Vine	00012N	00400.00E	55167.78	99	55107.05	134738	24	-0.2	2.4	77	-30	2.63	24.8	-9.7	1.7	84	-42	23.13	25.2	-2.8	-2	93	-26	11.81
2018 Vine	00012N	00412.50E	55251.94	99	55191.07	134820	24	22	0.2	78	-28	2.64	24.8	19.4	0.4	92	-37	24.48	25.2	21.9	-8.1	97	-21	12.07
2018 Vine	00012N	00425.00E	55144.93	99	55084.07	134944	24	27.2	-1.3	92	-5	2.93	24.8	20.2	-0.3	111	-11	27.62	25.2	23.9	-8.8	100	0	12.12
2018 Vine	00012N	00437.50E	55131.99	99	55070.79	135120	24	11.8	0.6	82	-23	2.73	24.8	7.8	0.8	97	-30	25.05	25.2	9.8	-5	96	-16	11.78
2018 Vine	00012N	00450.00E	55152.16	99	55090.7	135156	24	10.6	1.9	84	-23	2.76	24.8	6.6	0.6	98	-30	25.36	25.2	6	-4.6	98	-15	12.07
2018 Vine	00012N	00462.50E	55109.74	99	55047.48	135256	24	20.7	0.8	82	-23	2.73	24.8	19.3	1.2	99	-31	25.74	25.2	21.9	-5.5	98	-16	12.08
2018 Vine	00012N	00475.00E	55080.44	99	55018.25	135350	24	18.7	1.3	84	-22	2.76	24.8	15.3	1.4	99	-28	25.43	25.2	20.2	-5.7	96	-12	11.74
2018 Vine	00012N	00487.50E	55091.25	99	55028.89	135456	24	9.7	1.7	77	-30	2.63	24.8	7.5	1.7	91	-38	24.34	25.2	14.8	-3.8	91	-21	11.4
2018 Vine	00012N	00500.00E	55090.06	99	55028.14	135614	24	3.7	-2.3	86	-18	2.8	24.8	3.3	-1.5	107	-27	27.3	25.2	6.5	-5.8	100	-10	12.25
2018 Vine	00012N	00512.50E	55090.75	99	55028.17	135650	24	1.5	-1.3	88	-17	2.87	24.8	0.8	-1.7	107	-26	27.25	25.2	4.9	-5.4	98	-9	11.92
2018 Vine	00012N	00525.00E	55094.07	99	55031.24	135732	24	-10.9	-0.6	85	-23	2.8	24.8	-6.4	-1.4	100	-30	25.91	25.2	-2.8	-4.1	96	-13	11.76
2018 Vine	00012N	00537.50E	55088.92	99	55025.37	135826	24	1.8	0	69	-35	2.47	24.8	2.8	-1	85	-42	23.47	25.2	8	-5.3	91	-25	11.51
2018 Vine	00012N	00550.00E	55090.22	99	55026.78	135908	24	-0.7	-1.1	75	-31	2.6	24.8	-3.2	-1.5	89	-42	24.28	25.2	1.8	-4.9	92	-24	11.54
2018 Vine	00012N	00562.50E	55086.84	99	55023.65	135938	24	7.3	-1.9	81	-27	2.72	24.8	-2	-1.9	91	-37	24.31	25.2	6.7	-5.7	94	-21	11.75
2018 Vine	00012N	00575.00E	55082.02	99	55018.1	140038	24	2.1	-0.9	78	-28	2.64	24.8	6	-2.9	96	-34	25.13	25.2	10.5	-6.6	95	-19	11.78
2018 Vine	00012N	00587.50E	55084.46	99	55020.39	140244	24	8	-1	78	-26	2.63	24.8	12.8	-0.7	94	-35	24.88	25.2	0.9	-4.4	98	-20	12.13
2018 Vine	00012N	00600.00E	55085.89	99	55021.95	140356	24	6.1	-0.3	73	-32	2.55	24.8	0.5	-0.7	87	-39	23.54	25.2	8.4	-5.6	96	-23	12.07
2018 Vine	00012N	00612.50E	55086.21	99	55021.79	140526	24	2.9	-2.9	82	-27	2.75	24.8	2.3	-2.1	97	-34	25.56	25.2	4.2	-5.9	99	-17	12.19
2018 Vine	00012N	00625.00E	55083.06	99	55018.95	140614	24	4	-2.4	77	-29	2.61	24.8	0.8	-2	88	-38	23.67	25.2	7.2	-6.4	95	-22	11.92
2018 Vine	00012N	00637.50E	55086.1	99	55021.42	140714	24	14.2	-3.7	89	-11	2.86	24.8	10.5	-3.2	108	-17	27.11	25.2	10.2	-7.7	100	-3	12.21
2018 Vine	00012N	00650.00E	55094.12	99	55028.98	140802	24	14.7	-3.1	90	-10	2.9	24.8	7.3	-2.3	110	-15	27.5	25.2	8.9	-7.1	102	-3	12.43
2018 Vine	00013N	06900.00E	55098.57	99	55020.81	85656	24	27.6	8.6	40	89	1.55	24.8	29.5	5.5	63	89	13.43	25.2	12	10.8	0	88	5.33
2018 Vine	00013N	06912.50E	55098.83	99	55020.97	85802	24	21.2	10.7	10	92	1.47	24.8	22	6.7	24	98	12.48	25.2	12	11.5	-27	85	5.42
2018 Vine	00013N	00000.00E	55102.32	99	55024.04	85838	24	-20.3	-0.9	-127	19	2.05	24.8	-24.4	-1.7	-127	26	16.07	25.2	2.9	14.4	-53	8	3.28
2018 Vine	00013N	00012.50E	55101.39	99	55023.11	85920	24	-20.5	-0.3	-72	13	2.34	24.8	-20.5	-0.3	-71	17	18.07	25.2	2.4	3.4	-125	12	7.62
2018 Vine	00013N	00025.00E	55092.02	99	55014.17	90002	24	-23.7	0.9	-72	13	2.35	24.8	-21	0	-72	18	18.39	25.2	-0.4	4	-67	4	8.23
2018 Vine	00013N	00037.50E	55091.41	99	55013.17	90050	24	-19.1	1.5	-67	20	2.25	24.8	-16.8	1.8	-67	25	17.76	25.2	5	0.7	-80	11	9.81
2018 Vine	00013N	00050.00E	55102.86	99	55023.95	90138	24	-21.9	1.9	-73	11	2.37	24.8	-23	1.2	-72	17	18.25	25.2	4.8	6.2	-72	5	8.85
2018 Vine	00013N	00062.50E	55110.96	99	55031.68	90220	24	-29	1.4	-72	13	2.35	24.8	-31.9	0.3	-73	17	18.5	25.2	3.5	10.5	-69	3	8.46
2018 Vine	00013N	00075.00E	55112.88	99	55034.02	90320	24	-33.9	1.7	-67	20	2.24	24.8	-28.7	0.9	-67	24	17.7	25.2	2.5	6.5	-80	9	9.83
2018 Vine	00013N	00087.50E	55112.45	99	55033.73	90420	24	-29.4	2.1	-72	14	2.35	24.8	-26.4	1.2	-72	16	18.25	25.2	-2.4	6.3	-75	5	9.11

2018 Vine	00013N	00100.00E	55107.78	99	55029.3	90508	24	-31.1	2	-72	16	2.34	24.8	-31	1.3	-71	22	18.34	25.2	7.1	7.6	-78	7	9.57
2018 Vine	00013N	00112.50E	55106.86	99	55028.29	90608	24	-31.3	3.4	-72	17	2.36	24.8	-33.3	3.6	-71	21	18.3	25.2	15	7.8	-79	6	9.65
2018 Vine	00013N	00125.00E	55114.74	99	55036.21	90714	24	-28.5	2.5	-74	12	2.39	24.8	-28.3	0.7	-73	12	18.44	25.2	-9.2	6.6	-76	5	9.26
2018 Vine	00013N	00137.50E	55119.37	99	55041.13	90808	24	-26.1	3	-75	13	2.43	24.8	-29.7	2.4	-76	16	19.34	25.2	9.9	8.8	-64	3	7.8
2018 Vine	00013N	00150.00E	55113.13	99	55034.54	90902	24	-22.9	2.6	-74	15	2.42	24.8	-23.6	2.7	-73	19	18.65	25.2	6.4	7	-76	6	9.34
2018 Vine	00013N	00162.50E	55111.14	99	55032.23	91002	24	-19.5	3.7	-70	20	2.33	24.8	-22.1	3.4	-70	25	18.54	25.2	3.1	4.8	-84	10	10.27
2018 Vine	00013N	00175.00E	55111.08	99	55032.65	91102	24	-25.3	3.2	-74	12	2.4	24.8	-21.9	2.6	-75	19	19.21	25.2	0.4	5.2	-78	4	9.52
2018 Vine	00013N	00187.50E	55109.15	99	55030.88	91144	24	-38.2	2.3	-75	13	2.42	24.8	-40.8	0.5	-76	19	19.28	25.2	9.7	8.5	-81	5	9.94
2018 Vine	00013N	00200.00E	55102.52	99	55024.32	91244	24	-31.5	2.3	-73	15	2.38	24.8	-32.7	0	-77	14	19.31	25.2	1.4	12.6	-57	2	6.93
2018 Vine	00013N	00212.50E	55077.15	99	54998.99	91332	24	-31.1	-0.6	-65	3	2.09	24.8	-32.8	-4.3	-72	8	17.97	25.2	7.1	19.6	36	3	4.47
2018 Vine	00013N	00225.00E	55007.92	99	54930.13	91438	24	-26	0.8	-73	15	2.37	24.8	-26.6	0	-74	22	19.01	25.2	2.3	4.1	-127	19	7.83
2018 Vine	00013N	00237.50E	54978.22	99	54900.27	91526	24	-32.4	1.9	-71	21	2.37	24.8	-26.3	1.1	-73	27	19.24	25.2	-14.7	2	-84	12	10.37
2018 Vine	00013N	00250.00E	55065.41	99	54987.59	91756	24	-31.3	3.5	-65	27	2.24	24.8	-30.7	3.6	-63	33	17.62	25.2	8.4	3.5	-78	21	9.8
2018 Vine	00013N	00262.50E	55109.34	99	55031.31	91926	24	-39.1	1.9	-72	12	2.35	24.8	-38.7	1.6	-74	18	18.81	25.2	14.7	5.4	-78	3	9.46
2018 Vine	00013N	00275.00E	55108.18	99	55030.11	92026	24	-33.2	-1.1	-72	14	2.33	24.8	-32.7	-2.5	-73	18	18.64	25.2	2.4	3	-82	4	9.99
2018 Vine	00013N	00287.50E	55118.08	99	55040.23	92132	24	-29.8	-4.2	-73	12	2.36	24.8	-28.3	-6.6	-74	17	18.91	25.2	4.8	1	-82	9	10.05
2018 Vine	00013N	00300.00E	55110.39	99	55032.45	92226	24	-26.4	-5.7	-69	22	2.31	24.8	-34.6	-7.9	-71	27	18.76	25.2	-0.5	2.5	-83	8	10.11
2018 Vine	00013N	00312.50E	55110.4	99	55032.24	92320	24	-34.5	-6.3	-69	24	2.33	24.8	-39.6	-8.9	-70	29	18.85	25.2	-5.6	1.5	-57	12	7.12
2018 Vine	00013N	00325.00E	55107.01	99	55028.93	92426	24	-29.4	-5.8	-73	21	2.42	24.8	-32	-8.3	-73	30	19.53	25.2	-7.7	0.9	-81	13	10.02
2018 Vine	00013N	00337.50E	55115.1	99	55036.88	92532	24	-41.4	-2.6	-77	18	2.53	24.8	-36.3	-4.5	-82	24	21.22	25.2	-6.1	5.9	-85	9	10.36
2018 Vine	00013N	00350.00E	55106.36	99	55028.35	92632	24	-37.3	1	-80	16	2.6	24.8	-37.6	-2.2	-87	22	22.11	25.2	-3.2	12.1	-81	7	9.87
2018 Vine	00013N	00362.50E	55109.4	99	55031.59	92720	24	-31.8	5.8	-83	7	2.65	24.8	-33	2	-89	12	22.22	25.2	18.8	88.2	-13	3	1.69
2018 Vine	00013N	00375.00E	55103.39	99	55025.71	92808	24	-38.5	6.9	-72	22	2.42	24.8	-38.2	6.1	-71	33	19.42	25.2	-12.9	11.6	-127	31	7.98
2018 Vine	00013N	00387.50E	55098.82	99	55020.98	92844	24	-39.2	7.8	-66	27	2.29	24.8	-36.7	9.2	-71	35	19.57	25.2	1.7	8.5	-86	18	10.7
2018 Vine	00013N	00400.00E	55101	99	55023.12	92932	24	-23.9	7	-72	22	2.4	24.8	-24.4	7.6	-75	27	19.76	25.2	-4	9.8	-86	11	10.58
2018 Vine	00013N	00412.50E	55087.43	99	55009.99	93026	24	-38.8	1.4	-68	21	2.28	24.8	-34.9	0.5	-72	26	18.97	25.2	-9.5	8.2	-86	11	10.55
2018 Vine	00013N	00425.00E	55090.2	99	55012.55	93114	24	-28.5	0	-70	24	2.37	24.8	-33.4	-1.9	-73	31	19.73	25.2	-14.7	6.5	-84	14	10.44
2018 Vine	00013N	00437.50E	55088.54	99	55010.9	93214	24	-26.9	4.3	-78	13	2.51	24.8	-25.3	3.4	-86	19	21.71	25.2	0.2	13.4	-71	4	8.68
2018 Vine	00013N	00450.00E	55091.24	99	55013.55	93320	24	-31.3	7.1	-65	29	2.27	24.8	-36.4	8.5	-65	37	18.57	25.2	-6.7	9.9	-78	22	9.93
2018 Vine	00013N	00462.50E	55091.11	99	55013.34	93414	24	-35.4	10.3	-73	21	2.42	24.8	-42.9	10.5	-77	29	20.42	25.2	24.4	14.5	-77	7	9.45
2018 Vine	00013N	00475.00E	55091.93	99	55014.41	93508	24	-28.8	14.1	-73	20	2.42	24.8	-28.4	15.5	-76	26	19.97	25.2	14.4	11.9	-83	10	10.18
2018 Vine	00013N	00487.50E	55089.54	99	55012.18	93602	24	-41.8	15.6	-68	23	2.31	24.8	-26.6	17.1	-76	29	20.11	25.2	0	15	-83	10	10.17
2018 Vine	00013N	00500.00E	55089.17	99	55011.67	93738	24	-34.4	13.5	-69	21	2.3	24.8	-37.3	14.5	-74	27	19.62	25.2	-8.8	17.6	-84	12	10.37
2018 Vine	00013N	00512.50E	55087.4	99	55010.14	93856	24	-35.3	14.6	-73	16	2.38	24.8	-36.6	15.7	-81	21	20.73	25.2	-3.3	14.4	-70	3	8.48
2018 Vine	00013N	00525.00E	55089.45	99	55012.29	94002	24	-43.6	12.9	-73	14	2.36	24.8	-29.7	13.7	-82	18	20.73	25.2	-2.9	17.5	-79	4	9.63
2018 Vine	00013N	00537.50E	55091.06	99	55014.07	94126	24	-24.3	12.3	-72	10	2.33	24.8	-27.3	13.5	-82	16	20.77	25.2	10.3	20	-72	1	8.74
2018 Vine	00013N	00550.00E	55091.21	99	55014.13	94250	24	-53.6	6.7	-71	12	2.31	24.8	-49.5	8	-81	17	20.41	25.2	-0.9	19.5	-80	2	9.74
2018 Vine	00013N	00562.50E	55076.79	99	55000.35	94926	24	-59.1	0.9	-50	36	1.96	24.8	-58.2	1.3	-50	47	16.98	25.2	-40.7	12	-66	31	8.86
2018 Vine	00013N	00575.00E	55084.62	99	55008.54	95044	24	-63.2	-0.2	-67	26	2.31	24.8	-63.2	-4	-77	38	21.3	25.2	-41.4	12.6	-82	20	10.21
2018 Vine	00013N	00587.50E	55089.93	99	55014.17	95232	24	-48.3	7	-77	20	2.54	24.8	-47	5.3	-87	29	22.67	25.2	-10.5	15.6	-91	12	11.21
2018 Vine	00013N	00600.00E	55090.04	99	55014.38	95320	24	-39	8.9	-79	5	2.53	24.8	-37.5	6.5	-96	16	24.08	25.2	37.2	17.6	40	2	4.9
2018 Vine	00013N	00612.50E	55092.4	99	55016.87	95708	24	-49.2	11.6	-77	19	2.54	24.8	-50	9.4	-89	29	23.24	25.2	-9.2	23.6	-127	22	7.86
2018 Vine	00013N	00625.00E	55088.41	99	55013.17	95808	24	-43.5	12.8	-79	12	2.55	24.8	-44.4	11.1	-94	17	23.56	25.2	8	20	-81	4	9.82
2018 Vine	00013N	00637.50E	55091.97	99	55017.02	95902	24	-52.6	11.7	-76	10	2.46	24.8	-52.4	10.8	-94	17	23.64	25.2	15.5	24.9	-67	2	8.17
2018 Vine	00013N	00650.00E	55089.97	99	55014.69	100014	24	-29.6	13.7	-70	26	2.38	24.8	-25.5	12.3	-81	34	21.73	25.2	-13	16.6	-80	18	9.94
2018 Vine	00014N	00000.00E	55084.26	99	55011.52	103026	24	-7.6	-0.7	-69	27	2.37	24.8	1.5	-0.9	-71	43	20.62	25.2	-5.9	1.6	-83	23	10.47

2018 Vine	00014N	00012.50E	55087.12	99	55014.54	103138	24	7.6	-3.7	-60	34	2.21	24.8	1.8	-3.1	-64	46	19.62	25.2	-7.8	1	-78	26	10.07
2018 Vine	00014N	00025.00E	55082.81	99	55010.56	103244	24	5.3	-3.4	-77	13	2.49	24.8	-6.2	-2.6	-94	25	24.07	25.2	6.3	-0.7	-90	6	10.95
2018 Vine	00014N	00037.50E	55090.2	99	55018.48	103438	24	0.9	-4.1	-78	6	2.51	24.8	3.4	-3.5	-99	13	24.67	25.2	0.4	1.5	-39	1	4.76
2018 Vine	00014N	00050.00E	55087.54	99	55015.76	103556	24	-24	-4.2	-81	14	2.64	24.8	-11.1	-4.2	-97	23	24.59	25.2	6.2	-1.2	-127	11	7.78
2018 Vine	00014N	00062.50E	55085.86	99	55014.03	103720	24	-13.8	-4.1	-68	32	2.39	24.8	-10.7	-3.8	-80	42	22.4	25.2	6.6	0.5	-87	22	10.92
2018 Vine	00014N	00075.00E	55083.77	99	55011.87	103826	24	-14.7	-4	-81	17	2.64	24.8	-6.5	-4.2	-98	27	25.16	25.2	7.9	1.6	-96	9	11.7
2018 Vine	00014N	00087.50E	55083.9	99	55012.22	103914	24	-12.1	-4.6	-82	20	2.7	24.8	-8.2	-4.2	-97	30	25.03	25.2	5.2	1.2	-96	11	11.73
2018 Vine	00014N	00100.00E	55083.87	99	55012.43	103956	24	-8.4	-3.2	-81	15	2.64	24.8	-7.4	-3.6	-100	24	25.31	25.2	4.5	1.6	-93	7	11.36
2018 Vine	00014N	00112.50E	55079.19	99	55008.02	104102	24	-12.6	-3.5	-77	22	2.57	24.8	-10.2	-4.3	-94	32	24.48	25.2	9.3	0.5	-96	14	11.79
2018 Vine	00014N	00125.00E	55076.04	99	55004.99	104208	24	-21.9	-4.9	-80	18	2.63	24.8	-13.6	-6	-97	28	24.99	25.2	4.6	0	-94	12	11.56
2018 Vine	00014N	00137.50E	55082.9	99	55012.26	104326	24	-10	-5.2	-70	29	2.42	24.8	-10.5	-6.7	-81	40	22.37	25.2	-0.5	0.2	-91	22	11.38
2018 Vine	00014N	00150.00E	55077.57	99	55006.95	104426	24	-27	-4.1	-80	14	2.59	24.8	-24.8	-5.2	-99	24	25.17	25.2	7.6	3.7	-92	10	11.21
2018 Vine	00014N	00162.50E	55086.77	99	55016.25	104602	24	-3	-4.6	-71	27	2.44	24.8	-2.9	-5.2	-87	36	23.4	25.2	7.3	0	-91	15	11.24
2018 Vine	00014N	00175.00E	55083.15	99	55012.39	104650	24	-15.8	-3.3	-75	24	2.53	24.8	-10.4	-4.3	-87	36	23.4	25.2	8.4	4	-92	15	11.35
2018 Vine	00014N	00187.50E	55082.42	99	55011.61	104732	24	-20.2	-1.9	-78	20	2.58	24.8	-14	-3	-92	31	24.1	25.2	4.5	4.6	-91	12	11.14
2018 Vine	00014N	00200.00E	55084.12	99	55013.52	104832	24	-20.8	-1.5	-78	22	2.57	24.8	-14.6	-1.8	-95	30	24.79	25.2	-1	5.3	-91	9	11.15
2018 Vine	00014N	00212.50E	55082.08	99	55011.9	104944	24	-13.8	-0.6	-81	8	2.59	24.8	-9.4	-0.7	-107	14	26.62	25.2	16	31	-24	2	2.92
2018 Vine	00014N	00225.00E	55084.4	99	55013.97	105038	24	-12.3	1.5	-76	23	2.53	24.8	-8.3	1.4	-88	33	23.31	25.2	10.9	4.5	-127	28	7.93
2018 Vine	00014N	00237.50E	55083.42	99	55012.74	105120	24	-11.5	0	-77	22	2.57	24.8	-7.9	-0.1	-91	32	23.94	25.2	-6.4	6.5	-94	13	11.6
2018 Vine	00014N	00250.00E	55087.38	99	55017.18	105208	24	-15.1	-0.8	-79	18	2.58	24.8	-15.3	-0.9	-96	26	24.57	25.2	0.4	7.3	-97	8	11.82
2018 Vine	00014N	00262.50E	55069.6	99	54999.46	105326	24	-23.1	-5.3	-80	18	2.61	24.8	-9.7	-7.7	-92	31	24.08	25.2	-20.5	5.4	-98	11	11.94
2018 Vine	00014N	00275.00E	55084.46	99	55014.12	105444	24	-25.3	-5.7	-74	25	2.51	24.8	-16.2	-7.3	-88	37	23.62	25.2	-7.3	4.5	-90	16	11.13
2018 Vine	00014N	00287.50E	55088.02	99	55018.11	105526	24	-23.2	-2.8	-81	20	2.68	24.8	-15	-3.9	-96	28	24.85	25.2	-2.7	10.3	-89	10	10.84
2018 Vine	00014N	00300.00E	55086.05	99	55016.27	105614	24	-25.7	1.7	-80	16	2.61	24.8	-15.3	0.6	-98	26	25.16	25.2	-0.6	13.3	-85	7	10.35
2018 Vine	00014N	00312.50E	55084.59	99	55014.97	105656	24	-16	2.1	-68	27	2.35	24.8	-26.7	1.7	-93	31	24.23	25.2	-1.3	12.9	-88	11	10.86
2018 Vine	00014N	00325.00E	55082.93	99	55013.59	105744	24	-28	2.8	-78	17	2.56	24.8	-14	1.2	-96	25	24.54	25.2	-8.6	15.1	-91	8	11.16
2018 Vine	00014N	00337.50E	55081.9	99	55012.93	105832	24	-30.5	3.4	-79	15	2.57	24.8	-16.9	3.6	-97	22	24.63	25.2	14.8	18.1	-84	6	10.25
2018 Vine	00014N	00350.00E	55083.24	99	55014.56	105914	24	-16.5	4.3	-77	16	2.51	24.8	-10.2	4.2	-94	25	24.11	25.2	-0.9	14.2	-87	8	10.69
2018 Vine	00014N	00362.50E	55081.91	99	55013.45	110014	24	-15.8	5.9	-69	25	2.35	24.8	-20.6	7.2	-82	35	21.97	25.2	6.6	13.7	-91	18	11.34
2018 Vine	00014N	00375.00E	55080.67	99	55012.31	110120	24	-24.8	7.2	-66	27	2.26	24.8	-12.4	6.7	-81	35	21.96	25.2	-6.4	14.1	-83	15	10.33
2018 Vine	00014N	00387.50E	55077.72	99	55009.4	110238	24	-14.7	5	-69	23	2.34	24.8	-15.8	5.7	-83	34	22.16	25.2	-4.9	13.6	-90	16	11.09
2018 Vine	00014N	00400.00E	55083.2	99	55015.01	110338	24	-26.7	5.8	-68	24	2.32	24.8	-13.1	5.7	-81	34	21.71	25.2	-3.3	12.9	-83	16	10.29
2018 Vine	00014N	00412.50E	55089.5	99	55021.79	110444	24	-5.6	5.3	-53	35	2.04	24.8	-2.5	6.6	-61	46	18.96	25.2	1.8	11.4	-72	26	9.36
2018 Vine	00014N	00425.00E	55084.94	99	55017.33	110526	24	-17.2	6	-70	22	2.34	24.8	-10.5	6.4	-81	34	21.62	25.2	-6.8	12.1	-84	17	10.48
2018 Vine	00014N	00437.50E	55088.64	99	55021.15	110620	24	-12.7	6.4	-63	29	2.21	24.8	-7.3	7	-75	38	20.9	25.2	3.7	11.3	-85	19	10.61
2018 Vine	00014N	00450.00E	55088.45	99	55021.15	110726	24	-20.1	6	-65	27	2.25	24.8	-7.2	6.6	-75	39	21	25.2	14.8	12	-85	19	10.64
2018 Vine	00014N	00462.50E	55085.66	99	55018.69	110844	24	30.5	-3.2	56	3	1.78	24.8	-24.8	3	-52	5	13.01	25.2	200	200	0	2	0.34
2018 Vine	00014N	00475.00E	55090.6	99	55023.86	111056	24	-29.9	6.7	-70	22	2.34	24.8	-23.1	7.3	-85	30	22.2	25.2	18.2	15.6	-127	20	7.84
2018 Vine	00014N	00487.50E	55091.92	99	55025.42	111156	24	-17.9	6.7	-61	30	2.18	24.8	-5	8.3	-71	40	20.14	25.2	24.1	11.6	-80	21	10.12
2018 Vine	00014N	00500.00E	55090.27	99	55024.12	111244	24	-13.2	6.4	-72	19	2.37	24.8	-8	6.5	-88	28	22.87	25.2	2.2	10.3	-84	9	10.24
2018 Vine	00014N	00512.50E	55093.29	99	55027.43	111326	24	-4.3	7.8	-62	28	2.19	24.8	-0.6	8.8	-74	40	20.79	25.2	22.8	8.4	-84	18	10.45
2018 Vine	00014N	00525.00E	55092.57	99	55027.02	111426	24	-10.8	7.9	-64	26	2.21	24.8	-8	7.2	-75	39	20.84	25.2	6.8	9.7	-84	20	10.47
2018 Vine	00014N	00537.50E	55084.4	99	55019.15	111520	24	-22.9	7.1	-74	16	2.42	24.8	-20	7.7	-91	26	23.33	25.2	29	11.6	-81	7	9.87
2018 Vine	00014N	00550.00E	55085.71	99	55020.8	111614	24	-14.8	8.8	-65	26	2.24	24.8	-12.7	9.7	-73	37	20.39	25.2	14.8	10.9	-84	16	10.48
2018 Vine	00014N	00562.50E	55089.24	99	55024.53	111708	24	-15.2	8.4	-64	26	2.21	24.8	0	7.8	-76	38	21.16	25.2	4.3	9.6	-84	17	10.48
2018 Vine	00014N	00575.00E	55088.66	99	55023.99	111756	24	-9	8.2	-64	28	2.22	24.8	-8.3	9.4	-74	39	20.81	25.2	14	11.7	-82	18	10.29

2018 Vine	00014N	00587.50E	55082.88	99	55017.93	111908	24	-26	8.2	-70	21	2.35	24.8	-29.9	9.7	-82	34	22.04	25.2	12.3	14.2	-88	14	10.87
2018 Vine	00014N	00600.00E	55071.15	99	55007.04	112038	24	-20.1	8.7	-65	27	2.24	24.8	-13.3	9.3	-75	36	20.65	25.2	9.3	13	-84	16	10.42
2018 Vine	00014N	00612.50E	55080.36	99	55016.33	112214	24	-4.1	8	-71	19	2.35	24.8	3.6	8.6	-83	28	21.62	25.2	5.5	9.7	-83	10	10.17
2018 Vine	00014N	00625.00E	55083.36	99	55019.72	112332	24	-11	11	-58	31	2.09	24.8	-8.2	12.3	-66	42	19.27	25.2	21.1	13.5	-79	23	10.06
2018 Vine	00014N	00637.50E	55083.85	99	55020.35	112520	24	-28.4	10	-69	19	2.3	24.8	-17	9.9	-83	29	21.68	25.2	7.3	15	-84	16	10.39
2018 Vine	00014N	00650.00E	55083.74	99	55020.46	112614	24	-28.9	10.2	-70	19	2.33	24.8	-19.8	10.8	-83	29	21.71	25.2	26.4	15.5	-86	10	10.61
2018 Vine	00015N	00000.00E	55088.34	99	55031.44	122108	24	-10.2	-1.1	-71	9	2.28	24.8	-12.2	-0.4	-91	17	23	25.2	6.9	-3.7	-74	3	9.02
2018 Vine	00015N	00012.50E	55101.71	99	55044.92	122244	24	-4.9	-2.5	-69	25	2.34	24.8	-0.9	-2.8	-77	40	21.6	25.2	13	-6.4	-91	22	11.45
2018 Vine	00015N	00025.00E	55110.76	99	55054.38	122332	24	-10.1	-4	-73	21	2.43	24.8	-9.2	-3.5	-94	32	24.54	25.2	6.7	-5.3	-94	11	11.48
2018 Vine	00015N	00037.50E	55099.66	99	55043.62	122432	24	-7.7	-2.9	-77	16	2.53	24.8	-6.2	-2.4	-97	22	24.68	25.2	0	-5.1	-88	5	10.68
2018 Vine	00015N	00050.00E	55092.63	99	55036.71	122514	24	-8.3	-2.5	-77	14	2.49	24.8	-8.7	-1.4	-99	21	25.1	25.2	-7.9	-3	-93	13	11.4
2018 Vine	00015N	00062.50E	55085.99	99	55029.87	122556	24	-3.1	-4.5	-60	35	2.21	24.8	-4	-3.5	-71	47	21.05	25.2	7.2	-5.4	-83	25	10.64
2018 Vine	00015N	00075.00E	55091.76	99	55035.82	122644	24	-18.3	-2.5	-77	21	2.54	24.8	-12.6	-2.1	-93	31	24.31	25.2	4.9	-2.4	-98	12	12.06
2018 Vine	00015N	00087.50E	55099.42	99	55043.51	122738	24	-1.8	-0.8	-73	6	2.34	24.8	-0.8	1	-101	12	25.28	25.2	-200	-200	0	2	0.28
2018 Vine	00015N	00100.00E	55098.58	99	55042.85	122920	24	-24.4	-0.8	-79	15	2.57	24.8	-15.1	0.5	-98	23	24.82	25.2	13.9	-8.3	-127	14	7.79
2018 Vine	00015N	00112.50E	55093.66	99	55037.96	123008	24	-12.4	-1	-76	9	2.45	24.8	-9.2	2.1	-102	15	25.5	25.2	10.8	-9.3	-46	2	5.58
2018 Vine	00015N	00125.00E	55095.67	99	55039.79	123056	24	-21.3	-1.1	-65	3	2.09	24.8	-15.4	1.4	-99	5	24.42	25.2	-25	-0.5	120	14	7.35
2018 Vine	00015N	00137.50E	55079.32	99	55023.62	123226	24	7.7	-1	-61	33	2.22	24.8	6.3	2.5	-71	46	20.97	25.2	31.2	-10.5	-127	53	8.4
2018 Vine	00015N	00150.00E	55083.6	99	55028.1	123326	24	-10.3	-0.6	-67	28	2.33	24.8	4.7	2.4	-89	32	23.45	25.2	13.6	-7.6	-93	12	11.4
2018 Vine	00015N	00162.50E	55079.21	99	55023.91	123420	24	-2.4	-1.2	-77	11	2.48	24.8	-1	2	-98	18	24.73	25.2	10	-13.5	-68	2	8.32
2018 Vine	00015N	00175.00E	55092.74	99	55037.65	123520	24	-9.8	-2.3	-70	5	2.25	24.8	-9.4	1.2	-101	11	25	25.2	8.8	-9.3	-80	5	9.72
2018 Vine	00015N	00187.50E	55079.72	99	55024.89	123608	24	-11.4	-1.3	-72	22	2.4	24.8	-8.7	-0.1	-92	30	23.84	25.2	11.8	-3.6	-55	5	6.72
2018 Vine	00015N	00200.00E	55066.94	99	55012.27	123702	24	-17.6	-2.5	-77	9	2.46	24.8	-7.3	0	-92	26	23.77	25.2	12.3	-5	-90	12	11.11
2018 Vine	00015N	00212.50E	55066.95	99	55012.36	123750	24	-19.2	-0.6	-74	19	2.45	24.8	-7.8	1.1	-91	27	23.64	25.2	19.4	-4.2	-92	12	11.34
2018 Vine	00015N	00225.00E	55066.34	99	55011.97	123850	24	-20.7	0.6	-75	9	2.42	24.8	-22	2.4	-100	16	25.1	25.2	6.1	-7.5	-53	3	6.45
2018 Vine	00015N	00237.50E	55068.84	99	55014.57	123950	24	-16.6	1.4	-76	15	2.46	24.8	-16.2	3.3	-94	23	24.03	25.2	9	-4.9	-87	9	10.7
2018 Vine	00015N	00250.00E	55070.03	99	55015.85	124050	24	-21.1	1	-76	9	2.46	24.8	-16.7	3.2	-98	15	24.65	25.2	6.7	-14	-47	3	5.78
2018 Vine	00015N	00262.50E	55068.68	99	55014.6	124132	24	-4.9	2.3	-74	18	2.43	24.8	-7.8	4.1	-92	27	23.62	25.2	19.7	-7.4	-127	20	7.84
2018 Vine	00015N	00275.00E	55066.56	99	55012.44	124214	24	-12.5	3.1	-73	9	2.35	24.8	-13.1	4.7	-100	14	24.93	25.2	16.9	-19.7	-21	3	2.64
2018 Vine	00015N	00287.50E	55067.44	99	55013.18	124314	24	3.5	3.6	-74	18	2.43	24.8	3.6	5.9	-92	28	23.77	25.2	28.3	-11.3	-127	20	7.85
2018 Vine	00015N	00300.00E	55068.53	99	55014.18	124356	24	-14.7	3.6	-74	15	2.43	24.8	-12.9	4.7	-94	24	24.07	25.2	14.6	-4.4	-80	6	9.8
2018 Vine	00015N	00312.50E	55068.03	99	55013.7	124444	24	-4.6	3.4	-73	22	2.43	24.8	-11.3	4.5	-92	29	23.79	25.2	15.2	-4.1	-86	10	10.6
2018 Vine	00015N	00325.00E	55069.77	99	55015.67	124556	24	-5.1	4.8	-63	28	2.21	24.8	-11.9	6.7	-77	41	21.57	25.2	17.1	-0.9	-81	21	10.23
2018 Vine	00015N	00337.50E	55071.91	99	55017.62	124656	24	9.8	5.6	-59	30	2.13	24.8	3.5	7.5	-73	42	20.88	25.2	20.8	-2.5	-80	21	10.11
2018 Vine	00015N	00350.00E	55068.23	99	55014.17	124802	24	-10.7	3.4	-66	6	2.12	24.8	-1.5	6.5	-95	19	24.05	25.2	4.4	-17.7	-43	3	5.34
2018 Vine	00015N	00362.50E	55062.67	99	55008.79	124914	24	-10.3	6.2	-73	13	2.38	24.8	5	7.8	-98	21	24.85	25.2	19.2	-9.5	-123	14	7.53
2018 Vine	00015N	00375.00E	55059.5	99	55005.49	125002	24	5.8	6.8	-72	17	2.38	24.8	10.5	10.9	-90	25	23.05	25.2	30.4	-8.3	-87	8	10.67
2018 Vine	00015N	00387.50E	55061.15	99	55007.07	125102	24	-6.5	5.1	-73	12	2.38	24.8	-5.1	7.5	-95	22	24.07	25.2	20.1	-5.7	-84	6	10.27
2018 Vine	00015N	00400.00E	55065.9	99	55011.7	125150	24	-1.9	3.8	-76	15	2.47	24.8	-2.3	6.6	-93	23	23.68	25.2	16.4	-4	-88	6	10.7
2018 Vine	00015N	00412.50E	55066.43	99	55012.25	125232	24	-3.1	5.4	-76	16	2.5	24.8	-2.6	7.3	-99	24	25.16	25.2	12.6	-2.9	-82	6	10.04
2018 Vine	00015N	00425.00E	55063.8	99	55009.62	125308	24	-10.2	6	-78	14	2.53	24.8	-8.1	8.8	-101	21	25.51	25.2	7.5	0	-81	4	9.85
2018 Vine	00015N	00437.50E	55062.36	99	55007.84	125432	24	-1.1	6.7	-73	22	2.42	24.8	-3.9	7.9	-90	33	23.64	25.2	9.7	2.4	-96	12	11.82
2018 Vine	00015N	00450.00E	55066.2	99	55011.72	125550	24	4.1	7.4	-73	26	2.46	24.8	0.9	9.6	-88	35	23.36	25.2	18.4	1.2	-95	15	11.73
2018 Vine	00015N	00462.50E	55064.88	99	55010.27	125638	24	-15.2	7.3	-72	6	2.31	24.8	-4.4	10	-107	9	26.63	25.2	-5.2	-66.8	15	3	1.89
2018 Vine	00015N	00475.00E	55064.89	99	55010.72	125802	24	-15	9.5	-74	21	2.47	24.8	-6.2	10.7	-95	30	24.68	25.2	20.9	-1	-127	19	7.83
2018 Vine	00015N	00487.50E	55064.31	99	55010.2	125850	24	-17	10.7	-67	29	2.32	24.8	-3.9	11.6	-85	38	23.13	25.2	21.1	4	-96	21	11.98

2018 Vine	00015N	00500.00E	55065.89	99	55011.59	125944	24	-9.2	8.9	-77	18	2.53	24.8	-9.6	11.1	-93	24	23.8	25.2	18.6	2.9	-103	9	12.6
2018 Vine	00015N	00512.50E	55061.43	99	55006.63	130244	24	-9.8	8.1	-69	30	2.39	24.8	-7.4	9.6	-83	36	22.53	25.2	9.1	4.5	-98	20	12.15
2018 Vine	00015N	00525.00E	55059.09	99	55004.28	130350	24	-19.4	7.2	-76	17	2.49	24.8	-11.9	9.5	-92	28	23.68	25.2	16	2.7	-102	12	12.51
2018 Vine	00015N	00537.50E	55062.86	99	55007.96	130644	24	-23.8	4.4	-64	6	2.05	24.8	-24.8	9.5	-93	9	23.22	25.2	-10.8	-16.1	31	1	3.82
2018 Vine	00015N	00550.00E	55062.22	99	55007.1	130944	24	-14.8	7.2	-73	20	2.41	24.8	-9.8	9	-89	29	23.13	25.2	28.1	-1.3	-127	21	7.85
2018 Vine	00015N	00562.50E	55063.37	99	55007.86	131108	24	-12.8	7.1	-70	22	2.35	24.8	-6.7	9.7	-85	30	22.19	25.2	16.6	2	-92	13	11.35
2018 Vine	00015N	00575.00E	55065.95	99	55010.57	131214	24	-32.1	4.4	-69	18	2.29	24.8	-18.9	6.6	-88	28	22.93	25.2	16.2	3.8	-94	13	11.52
2018 Vine	00015N	00587.50E	55066.15	99	55010.82	131426	24	-16.5	5.1	-63	26	2.18	24.8	-14.3	7.2	-76	36	20.74	25.2	8.9	3.3	-90	16	11.14
2018 Vine	00015N	00600.00E	55068.08	99	55012.55	131620	24	-23.9	3	-68	12	2.21	24.8	-22.8	2.6	-89	14	22.22	25.2	6.9	2.9	-67	1	8.21
2018 Vine	00015N	00612.50E	55062.36	99	55006.66	131714	24	-12.9	2.9	-66	21	2.22	24.8	-13.2	4.5	-81	32	21.51	25.2	10.3	1.9	-90	13	11.05
2018 Vine	00015N	00625.00E	55063.52	99	55007.62	131926	24	-10.6	-0.8	-63	25	2.16	24.8	-7.9	1.2	-79	32	21.13	25.2	-0.9	1.1	-89	14	11.01
2018 Vine	00015N	00637.50E	55066.78	99	55010.78	132032	24	-6.7	-7.6	-66	13	2.17	24.8	-7.4	-5.6	-86	20	21.93	25.2	-5.1	-2.4	-83	2	10.07
2018 Vine	00015N	00650.00E	55062.74	99	55006.89	132138	24	-12.1	-4.9	-65	27	2.24	24.8	-11.2	-4.4	-77	35	20.85	25.2	-2.1	-2.6	-80	24	10.13
2018 Vine	00016N	00650.00E	55069.69	99	55013.01	133720	24	9	-8.7	-74	18	2.42	24.8	-0.6	-9.5	-94	23	23.93	25.2	5.4	-12.6	-94	8	11.45
2018 Vine	00016N	00637.50E	55058.67	99	55002.22	133808	24	6.3	-9.3	-69	17	2.27	24.8	3.9	-10.8	-88	25	22.77	25.2	7.8	-12.9	-94	7	11.46
2018 Vine	00016N	00625.00E	55064.84	99	55008.43	133856	24	-13.5	-9.4	-66	23	2.22	24.8	-15.5	-11.2	-81	31	21.56	25.2	11.2	-8.4	-89	14	10.94
2018 Vine	00016N	00612.50E	55060.24	99	55003.34	134008	24	2.4	-4.9	-55	16	1.83	24.8	2.5	-6	-84	27	21.94	25.2	-1.3	-7.6	-93	12	11.43
2018 Vine	00016N	00600.00E	55064.13	99	55006.88	134120	24	13	-2.5	-68	19	2.26	24.8	11.9	-3.8	-86	27	22.25	25.2	-2.4	-8.5	-90	10	11.07
2018 Vine	00016N	00587.50E	55066	99	55008.62	134220	24	6	-2.5	-69	21	2.3	24.8	6.6	-3	-85	31	22.47	25.2	8.1	-10.1	-92	9	11.2
2018 Vine	00016N	00575.00E	55063.15	99	55005.45	134308	24	19.6	1.5	-63	6	2.01	24.8	19.1	0	-91	11	22.7	25.2	-12.9	-0.3	71	3	8.65
2018 Vine	00016N	00562.50E	55061.37	99	55003.62	134414	24	14.9	2	-68	13	2.22	24.8	18.8	0.6	-91	21	23	25.2	17.6	-11.7	-96	5	11.64
2018 Vine	00016N	00550.00E	55060.92	99	55003.04	134502	24	13.1	14.5	-29	4	0.94	24.8	16.7	4.1	-91	10	22.54	25.2	-42.4	-42.2	21	0	2.62
2018 Vine	00016N	00537.50E	55065.2	99	55007.54	134638	24	22.8	9.2	-73	20	1.21	24.8	23.2	7.3	-93	15	23.25	25.2	18	-19.1	-127	6	7.71
2018 Vine	00016N	00525.00E	55063.09	99	55005.45	134720	24	29.1	6.6	-122	60	2.16	24.8	36.2	7.4	-76	37	20.96	25.2	20.9	-7.2	-86	21	10.74
2018 Vine	00016N	00512.50E	55063.39	99	55005.64	134814	24	22.2	6.2	-72	19	2.39	24.8	22.2	8.1	-89	29	23.22	25.2	22.4	-7.3	-96	11	11.82
2018 Vine	00016N	00500.00E	55061.51	99	55003.71	134850	24	38.8	5.3	-74	11	2.38	24.8	34.2	6.7	-98	16	24.67	25.2	4.8	-28.1	-60	1	7.35
2018 Vine	00016N	00487.50E	55065.64	99	55007.79	134944	24	30.4	4.9	-73	17	2.38	24.8	29.2	6.2	-93	23	23.59	25.2	13.1	-9.1	-91	11	11.21
2018 Vine	00016N	00475.00E	55061.93	99	55004.09	135038	24	34.9	3.6	-75	17	2.45	24.8	31	4.7	-96	25	24.54	25.2	9.2	-14	-91	8	11.14
2018 Vine	00016N	00462.50E	55064.2	99	55006.19	135132	24	22.8	0.3	-72	22	2.4	24.8	16	1.2	-90	33	23.7	25.2	2.9	-9.9	-90	13	11.06
2018 Vine	00016N	00450.00E	55064.54	99	55006.4	135214	24	23.8	0.2	-64	5	2.04	24.8	25	0.7	-107	10	26.54	25.2	-32.7	-28.3	38	3	4.64
2018 Vine	00016N	00437.50E	55067.56	99	55009.19	135314	24	24.2	-1.4	-74	16	2.43	24.8	19.4	-0.5	-95	25	24.4	25.2	2	-17.5	-127	14	7.78
2018 Vine	00016N	00425.00E	55066.14	99	55007.52	135432	24	19.3	-0.8	-61	32	2.2	24.8	14.2	-0.2	-73	45	21.25	25.2	6.1	-8.8	-83	24	10.54
2018 Vine	00016N	00412.50E	55069.19	99	55010.53	135638	24	19.8	-1.5	-67	28	2.32	24.8	19.8	-2.4	-79	39	21.71	25.2	4.2	-10.3	-83	20	10.41
2018 Vine	00016N	00400.00E	55071.87	99	55013.28	135732	24	26.2	-1.2	-72	11	2.33	24.8	13.5	-1	-99	18	24.96	25.2	2.1	-26.5	-51	2	6.25
2018 Vine	00016N	00387.50E	55074.44	99	55015.79	135832	24	10.3	-1.3	-67	18	2.23	24.8	12.1	-1.8	-90	27	23.39	25.2	4.3	-12.6	-88	10	10.83
2018 Vine	00016N	00375.00E	55079.69	99	55020.93	135920	24	14	-1.7	-69	14	2.25	24.8	11.9	-1.3	-93	20	23.65	25.2	2.4	-15.5	-80	4	9.74
2018 Vine	00016N	00362.50E	55081.29	99	55022.7	140014	24	14.4	3.2	-61	26	2.11	24.8	23	3.7	-87	29	22.79	25.2	8.1	-11.7	-88	11	10.75
2018 Vine	00016N	00350.00E	55075.51	99	55016.82	140144	24	22.9	0.4	-43	38	1.82	24.8	12.9	3.3	-43	54	17.08	25.2	9.2	-8.6	-62	36	8.71
2018 Vine	00016N	00337.50E	55084.84	99	55026.19	140238	24	7.6	0.1	-103	73	2.02	24.8	6.4	0	-60	48	19.14	25.2	3.4	-8.2	-72	30	9.5
2018 Vine	00016N	00325.00E	55080.44	99	55021.67	140326	24	15.6	-5	-127	25	2.06	24.8	13.9	-3.1	-100	18	25.16	25.2	-4.7	-28.3	-57	4	6.96
2018 Vine	00016N	00312.50E	55079.73	99	55020.85	140408	24	6.2	-6	-67	20	2.22	24.8	9.7	-6.1	-91	26	23.45	25.2	0.9	-14.3	-80	10	9.87
2018 Vine	00016N	00300.00E	55077.06	99	55018.21	140456	24	5.6	-7.5	-71	11	2.29	24.8	4.6	-8.3	-99	15	24.87	25.2	-24	-15	-40	4	4.88
2018 Vine	00016N	00287.50E	55074.4	99	55015.36	140544	24	9.8	-9.3	-44	12	1.46	24.8	8.7	-9.4	-96	16	24.14	25.2	-16.7	-15.9	-121	13	7.43
2018 Vine	00016N	00275.00E	55078.17	99	55019.12	140632	24	6	-14.6	-126	37	2.1	24.8	5.5	-12.9	-87	26	22.56	25.2	-9.4	-21.1	-127	17	7.81
2018 Vine	00016N	00262.50E	55083.96	99	55024.73	140726	24	11.5	-14	-59	27	2.09	24.8	6.7	-14.8	-70	39	19.77	25.2	-14.7	-17.5	-80	21	10.11
2018 Vine	00016N	00250.00E	55085.82	99	55026.64	140826	24	7.6	-12.8	-56	29	2.01	24.8	-3.5	-15.5	-65	41	19.11	25.2	-8.5	-16.8	-82	23	10.37

2018 Vine	00016N	00237.50E	55078.07	99	55018.77	140908	24	13.9	-12.3	-61	26	2.12	24.8	13.8	-12.4	-74	35	20.33	25.2	-1.7	-19.1	-85	18	10.57
2018 Vine	00016N	00225.00E	55086.27	99	55027.06	141020	24	-1.3	-12.4	-57	26	2.01	24.8	-0.4	-12.5	-70	39	19.84	25.2	-15.1	-15.5	-83	19	10.32
2018 Vine	00016N	00212.50E	55095.59	99	55036.02	141144	24	16.8	-8.5	-66	10	2.14	24.8	15.3	-8.1	-92	16	23.05	25.2	-18.4	-26.2	-53	2	6.44
2018 Vine	00016N	00200.00E	55086.47	99	55026.59	141238	24	20.7	-7.7	-68	18	2.25	24.8	14.7	-7.5	-87	27	22.68	25.2	2.5	-19.6	-88	8	10.72
2018 Vine	00016N	00187.50E	55083.35	99	55023.48	141320	24	11	-9.4	-53	32	1.97	24.8	9.8	-9	-65	42	19.16	25.2	4.6	-16.2	-81	24	10.33
2018 Vine	00016N	00175.00E	55078.71	99	55018.58	141426	24	15.4	-8	-63	24	2.16	24.8	12.7	-7.8	-76	34	20.57	25.2	1.6	-16.4	-91	17	11.28
2018 Vine	00016N	00162.50E	55070.72	99	55010.56	141508	24	18.4	-7.6	-69	17	2.28	24.8	28.6	-6.6	-82	29	21.53	25.2	0.8	-19.5	-91	9	11.07
2018 Vine	00016N	00150.00E	55071.75	99	55011.51	141620	24	23.2	-7	-66	20	2.21	24.8	16.7	-7	-79	29	20.88	25.2	-5.4	-16.1	-88	19	10.91
2018 Vine	00016N	00137.50E	55077.55	99	55017.29	141714	24	16.3	-6	-64	24	2.17	24.8	20.6	-6.4	-75	33	20.33	25.2	3.3	-15.5	-86	15	10.65
2018 Vine	00016N	00125.00E	55078.74	99	55018.16	141820	24	28.7	-5.1	-60	28	2.11	24.8	13.6	-4.3	-56	46	18.08	25.2	6.8	-14.6	-75	31	9.83
2018 Vine	00016N	00112.50E	55076	99	55015.31	141908	24	29.6	-2.2	-70	16	2.3	24.8	21.8	-1.4	-86	24	22.08	25.2	4.2	-16.5	-91	7	11.05
2018 Vine	00016N	00100.00E	55073.19	99	55012.22	141956	24	28.9	-0.8	-67	20	2.23	24.8	21.6	-0.4	-83	25	21.44	25.2	3.4	-15.1	-88	9	10.79
2018 Vine	00016N	00087.50E	55078.26	99	55017.3	142044	24	1.1	0.1	-70	16	2.28	24.8	1.8	-0.1	-85	23	21.71	25.2	12.4	-10.4	-86	7	10.5
2018 Vine	00016N	00075.00E	55072.21	99	55010.93	142208	24	33.6	2	-63	21	2.14	24.8	26.5	1.4	-79	26	20.5	25.2	19.4	-15.4	-86	9	10.48
2018 Vine	00016N	00062.50E	55100.34	99	55038.98	142256	24	25.8	0	-61	26	2.13	24.8	16.3	1.1	-66	38	18.81	25.2	10.7	-10.4	-78	21	9.8
2018 Vine	00016N	00050.00E	55068.74	99	55006.87	142602	24	38.7	-2.6	-66	17	2.18	24.8	26.6	-0.7	-81	28	21.24	25.2	7.8	-16	-86	12	10.57
2018 Vine	00016N	00037.50E	55075.15	99	55013.17	142644	24	25.4	-0.3	-61	25	2.12	24.8	22.8	-0.7	-76	33	20.39	25.2	7	-12.8	-84	14	10.36
2018 Vine	00016N	00025.00E	55078.86	99	55016.8	142720	24	20.1	-0.3	-66	21	2.2	24.8	17.7	-0.2	-81	28	21.13	25.2	7.4	-13.5	-84	10	10.25
2018 Vine	00016N	00012.50E	55098.7	99	55036.38	142820	24	11.2	-0.7	-53	29	1.93	24.8	14.7	-1.2	-63	40	18.54	25.2	-5.8	-8.2	-74	25	9.53
2018 Vine	00016N	00000.00E	55114.61	99	55052.2	142944	24	22	-0.5	-67	20	2.25	24.8	20.2	-0.5	-82	28	21.57	25.2	18.2	-14.4	-81	10	10
2018 Vine	00017N	06900.00E	55093.38	99	55011.16	85344	24	14.1	-4.8	76	7	2.43	24.8	15.8	-5.1	91	7	22.51	25.2	13	-1.6	71	8	8.73
2018 Vine	00017N	06912.50E	55093.22	99	55011.57	85514	24	9.9	-4.1	76	8	2.43	24.8	11.9	-5.2	90	7	22.28	25.2	7.9	-0.2	70	12	8.71
2018 Vine	00017N	00000.00E	55093.15	99	55011.67	85550	24	19.5	-2.7	63	-29	2.21	24.8	5.6	-5	71	-33	19.37	25.2	2.9	0.5	71	-21	9.06
2018 Vine	00017N	00012.50E	55091.96	99	55010.53	85708	24	14.4	-2.5	64	-27	2.22	24.8	21.7	-4.3	70	-33	19.19	25.2	11.2	-1.5	74	-18	9.27
2018 Vine	00017N	00025.00E	55094.73	99	55013.4	85802	24	11.4	-3	65	-27	2.24	24.8	10.5	-4.2	71	-33	19.45	25.2	-5.8	1.3	73	-17	9.19
2018 Vine	00017N	00037.50E	55088.67	99	55007.59	85838	24	-1.3	-1.6	65	-27	2.26	24.8	0.2	-3.8	72	-31	19.53	25.2	1.1	1	79	-14	9.78
2018 Vine	00017N	00050.00E	55092.8	99	55011.62	85926	24	4.4	-3.3	61	-30	2.18	24.8	6.1	-4.5	69	-37	19.37	25.2	1.5	0.2	72	-21	9.21
2018 Vine	00017N	00062.50E	55085.81	99	55004.37	90020	24	3.2	-2.7	72	-19	2.39	24.8	3.1	-4.7	81	-25	20.9	25.2	-5.5	1.6	77	-12	9.46
2018 Vine	00017N	00075.00E	55083.16	99	55001.88	90102	24	0.9	-2.6	73	-18	2.41	24.8	2.2	-4.1	82	-24	21.05	25.2	3.9	1.7	74	-11	9.15
2018 Vine	00017N	00087.50E	55072.64	99	54991.42	90138	24	9.4	0.5	65	-28	2.25	24.8	11.7	-0.9	68	-33	18.7	25.2	7.7	3.4	73	-19	9.24
2018 Vine	00017N	00100.00E	55061.74	99	54981.08	90226	24	8.8	0	74	-18	2.44	24.8	7.9	-2.1	79	-26	20.7	25.2	-2.6	4	75	-11	9.24
2018 Vine	00017N	00112.50E	55090.8	99	55010.25	90308	24	14.2	-0.4	71	-22	2.38	24.8	20.4	-1.8	79	-28	20.76	25.2	5.5	2.7	77	-13	9.54
2018 Vine	00017N	00125.00E	55088.92	99	55007.8	90402	24	15.9	-0.4	77	-15	2.5	24.8	-8.8	-3.4	81	-26	21.1	25.2	-17.5	5.6	79	-13	9.71
2018 Vine	00017N	00137.50E	55103.65	99	55023.09	90538	24	14	0.3	68	-28	2.34	24.8	9.2	-2	69	-35	19.08	25.2	0	4.5	74	-20	9.4
2018 Vine	00017N	00150.00E	55105.84	99	55025.58	90626	24	-0.8	-0.3	70	-26	2.39	24.8	1	-2.6	75	-34	20.5	25.2	-11.5	6.1	77	-20	9.64
2018 Vine	00017N	00162.50E	55113.84	99	55033.4	90714	24	7.2	0	63	-31	2.26	24.8	2.4	-2.1	66	-38	18.9	25.2	0	5.4	72	-24	9.29
2018 Vine	00017N	00175.00E	55116.46	99	55035.85	90756	24	9.8	0.8	73	-24	2.46	24.8	8.3	-1.9	78	-31	20.85	25.2	3.1	6.2	80	-16	9.93
2018 Vine	00017N	00187.50E	55105.6	99	55025.24	90850	24	9.2	0.6	74	-23	2.49	24.8	5.6	-2.3	81	-29	21.22	25.2	7.3	5.4	81	-14	10.05
2018 Vine	00017N	00200.00E	55109.69	99	55029.48	90926	24	4	0.1	69	-27	2.38	24.8	0.8	-2.7	77	-35	20.97	25.2	-7.8	6.6	80	-19	10.03
2018 Vine	00017N	00212.50E	55113.12	99	55032.66	91002	24	11.4	1.5	71	-27	2.42	24.8	11.3	-0.9	76	-34	20.56	25.2	-3.5	7.1	81	-15	10.03
2018 Vine	00017N	00225.00E	55127.73	99	55047.37	91050	24	17.1	0.8	76	-22	2.53	24.8	11.6	-1.2	83	-30	21.74	25.2	4.9	7	80	-14	9.84
2018 Vine	00017N	00237.50E	55124.04	99	55044.31	91202	24	3.9	0.3	77	-23	2.57	24.8	5.9	-2	82	-30	21.67	25.2	2.5	4.8	83	-14	10.3
2018 Vine	00017N	00250.00E	55116.34	99	55036.29	91244	24	16.2	0.8	74	-27	2.5	24.8	8.1	-1.6	81	-33	21.65	25.2	-1.6	4.6	83	-15	10.25
2018 Vine	00017N	00262.50E	55112.24	99	55032.41	91326	24	9.3	0.5	75	-25	2.54	24.8	9.2	-1.7	83	-32	21.97	25.2	6.3	3.1	79	-16	9.87
2018 Vine	00017N	00275.00E	55110.04	99	55030.34	91420	24	29.4	-1.5	82	-16	2.66	24.8	18.7	-2.8	93	-22	23.62	25.2	10.4	1	84	-8	10.3
2018 Vine	00017N	00287.50E	55106.4	99	55026.91	91514	24	28.8	-1.7	84	-14	2.72	24.8	25.5	-3	97	-20	24.48	25.2	9.8	1.2	85	-7	10.35

2018 Vine	00017N	00300.00E	55100.26	99	55020.57	91608	24	21.8	-2.2	86	-5	2.76	24.8	14.9	-3.3	100	-8	24.9	25.2	18.5	0	84	-2	10.27
2018 Vine	00017N	00312.50E	55098.37	99	55018.74	91702	24	10.9	-0.5	59	-36	2.23	24.8	12.4	-2	65	-43	19.33	25.2	6.4	0.9	71	-27	9.23
2018 Vine	00017N	00325.00E	55094.91	99	55015.58	91744	24	1.1	0	57	-39	2.22	24.8	-4.5	-2.5	59	-46	18.54	25.2	2.6	2.4	68	-31	9.08
2018 Vine	00017N	00337.50E	55093.71	99	55014.27	91832	24	-5.2	-3.9	86	-11	2.76	24.8	-2.6	-7.5	98	-15	24.6	25.2	-6.6	-0.5	86	-4	10.45
2018 Vine	00017N	00350.00E	55095.94	99	55016.61	91956	24	7.4	-3.2	79	-20	2.59	24.8	11.9	-5.8	85	-29	22.24	25.2	6.5	-0.8	82	-15	10.14
2018 Vine	00017N	00362.50E	55094.06	99	55015.01	92120	24	4.7	-0.7	60	-35	2.22	24.8	2.5	-2.8	64	-43	19.19	25.2	2.3	0.9	71	-27	9.27
2018 Vine	00017N	00375.00E	55109.88	99	55030.84	92238	24	3.1	0.9	66	-33	2.38	24.8	4.9	-1.5	75	-41	21.27	25.2	-0.3	2.9	77	-23	9.8
2018 Vine	00017N	00387.50E	55109.39	99	55030.63	92420	24	2.3	-0.2	79	-24	2.65	24.8	-1	-1.6	91	-31	23.94	25.2	-6.8	4.3	87	-15	10.75
2018 Vine	00017N	00400.00E	55096.66	99	55017.71	92602	24	17.4	-0.9	72	-30	2.5	24.8	9.3	-2.8	79	-41	22	25.2	6.5	0.8	78	-23	9.92
2018 Vine	00017N	00412.50E	55098.41	99	55020.05	92726	24	4.5	-0.4	62	-37	2.33	24.8	2.6	-1.4	66	-47	20.17	25.2	3.8	2.6	71	-27	9.31
2018 Vine	00017N	00425.00E	55097.48	99	55020.08	92856	24	-3.5	1.6	56	-39	2.18	24.8	-3.8	-0.4	61	-50	19.51	25.2	-3.4	2.8	69	-31	9.23
2018 Vine	00017N	00437.50E	55098.87	99	55021.18	92944	24	8.4	-2.9	89	0	2.83	24.8	1.2	-4	107	-3	26.47	25.2	-3.3	1.5	85	6	10.33
2018 Vine	00017N	00450.00E	55098.25	99	55020.86	93032	24	12.6	-2.9	84	-19	2.75	24.8	6.8	-3.8	98	-28	25.11	25.2	7.8	-1	87	-14	10.76
2018 Vine	00017N	00462.50E	55094.38	99	55017.67	93214	24	2.8	-3.3	82	-20	2.69	24.8	-1	-5	95	-27	24.36	25.2	5.3	-1.3	87	-13	10.65
2018 Vine	00017N	00475.00E	55091.69	99	55014.92	93302	24	-0.1	-3	83	-18	2.72	24.8	-6.1	-4.4	91	-27	23.47	25.2	-17.3	1.5	86	-11	10.58
2018 Vine	00017N	00487.50E	55088.66	99	55010.91	93502	24	-15.2	-1.7	69	-30	2.41	24.8	-5.1	-5.6	83	-35	22.28	25.2	-11.7	1.2	77	-20	9.64
2018 Vine	00017N	00500.00E	55090.09	99	55010.36	93650	24	2.2	0.7	74	-25	2.51	24.8	-3.9	-1.2	81	-35	21.77	25.2	-10	3.4	82	-19	10.22
2018 Vine	00017N	00512.50E	55093.52	99	55013.4	93744	24	-3.8	0.5	72	-28	2.47	24.8	-5.3	-1.3	83	-35	22.27	25.2	-15.3	4.2	82	-17	10.23
2018 Vine	00017N	00525.00E	55097.44	99	55017.56	93832	24	4.6	0.7	75	-25	2.54	24.8	-3	-1.8	86	-32	22.85	25.2	-14.3	5	83	-18	10.31
2018 Vine	00017N	00537.50E	55093.75	99	55013.75	93920	24	-1.7	1.1	71	-29	2.44	24.8	-9.1	-2	82	-36	22.1	25.2	-14.6	5.6	79	-20	9.97
2018 Vine	00017N	00550.00E	55096.86	99	55016.84	94020	24	5.2	0.8	81	-20	2.66	24.8	3.5	-1.3	95	-29	24.6	25.2	1.4	4.3	87	-12	10.64
2018 Vine	00017N	00562.50E	55094.1	99	55014.73	94108	24	4.5	-0.4	88	-9	2.82	24.8	3.2	-2.3	105	-14	26.28	25.2	-8	4.1	92	-2	11.23
2018 Vine	00017N	00575.00E	55096.86	99	55018.01	94156	24	8.5	-0.5	87	-14	2.82	24.8	7.2	-2.3	102	-21	25.7	25.2	-3.8	2.9	91	-7	11.11
2018 Vine	00017N	00587.50E	55097.45	99	55018.75	94238	24	3.9	1	74	-30	2.57	24.8	1.5	-0.5	86	-39	23.36	25.2	-1.1	4	82	-23	10.33
2018 Vine	00017N	00600.00E	55098.37	99	55019.92	94326	24	7.2	2.7	78	-28	2.66	24.8	5.5	1.9	89	-37	23.88	25.2	-2.9	4.8	87	-21	10.93
2018 Vine	00017N	00612.50E	55101.97	99	55024.02	94426	24	-0.1	0.7	80	-26	2.68	24.8	2.1	-0.3	95	-33	24.96	25.2	-12.9	4.2	91	-12	11.12
2018 Vine	00017N	00625.00E	55095.36	99	55017.99	94526	24	11.2	3.5	78	-27	2.65	24.8	8.4	1.9	89	-36	23.68	25.2	1.6	4.7	84	-18	10.54
2018 Vine	00017N	00637.50E	55096.83	99	55019.66	94626	24	6.6	3.3	68	-35	2.44	24.8	6.6	2.2	80	-42	22.31	25.2	1.6	4.6	79	-23	10.08
2018 Vine	00017N	00650.00E	55096.4	99	55019.43	94738	24	2.4	1.4	77	-27	2.62	24.8	1.6	0.6	90	-36	23.99	25.2	-2	3.1	84	-17	10.45
2018 Vine	00018N	00650.00E	55084.62	99	55011.13	100908	24	-17.3	6.3	68	-28	2.36	24.8	-14.9	5.4	78	-39	21.65	25.2	-18.5	11.4	80	-20	10.05
2018 Vine	00018N	00637.50E	55082.8	99	55009.44	100950	24	-26.3	8.3	68	-29	2.36	24.8	-18.3	6.2	81	-39	22.37	25.2	-19.2	12.1	82	-19	10.2
2018 Vine	00018N	00625.00E	55080.33	99	55006.95	101038	24	-14.4	9.8	81	-17	2.64	24.8	-4.3	9.5	96	-26	24.62	25.2	-5.5	14.6	85	-10	10.39
2018 Vine	00018N	00612.50E	55077.72	99	55004.48	101156	24	-19.5	10.3	77	-21	2.56	24.8	-18.5	9.7	90	-29	23.48	25.2	-19.8	16.9	82	-11	10.05
2018 Vine	00018N	00600.00E	55080.33	99	55007.27	101250	24	-14.5	8.2	75	-22	2.5	24.8	-17.5	7.7	93	-27	24.02	25.2	-19.2	13.2	83	-13	10.27
2018 Vine	00018N	00587.50E	55086.58	99	55013.57	101344	24	-22.6	6.4	63	-34	2.3	24.8	-19.4	5	72	-43	20.82	25.2	-24.4	11.5	75	-25	9.62
2018 Vine	00018N	00575.00E	55088.74	99	55015.89	101444	24	-24.3	5.5	67	-33	2.38	24.8	-18.9	4.4	86	-39	23.36	25.2	-25.3	13.1	83	-21	10.46
2018 Vine	00018N	00562.50E	55083.8	99	55011.23	101556	24	-22.8	6.3	81	-20	2.67	24.8	-18.8	5.1	97	-26	24.91	25.2	-18.1	14.1	87	-10	10.64
2018 Vine	00018N	00550.00E	55087.21	99	55014.52	101720	24	-19.1	5.4	81	-18	2.66	24.8	-15.5	3.9	101	-19	25.53	25.2	-19.8	13.1	86	-10	10.61
2018 Vine	00018N	00537.50E	55083.24	99	55010.68	101814	24	-27.7	6.2	81	-19	2.65	24.8	-20.1	3.9	98	-27	25.22	25.2	-28.5	14.2	88	-12	10.81
2018 Vine	00018N	00525.00E	55080.68	99	55007.99	102002	24	-24.7	4.8	79	-21	2.6	24.8	-21.7	2.1	95	-29	24.6	25.2	-30	13.3	86	-14	10.63
2018 Vine	00018N	00512.50E	55079.88	99	55007.24	102108	24	-36.9	5.6	79	-20	2.6	24.8	-34.5	2.7	96	-29	24.7	25.2	-39.2	14.9	87	-13	10.73
2018 Vine	00018N	00500.00E	55081.22	99	55008.72	102326	24	-18.5	1.7	72	-27	2.47	24.8	-17.1	0.3	87	-35	23.22	25.2	-21.8	10.3	85	-16	10.54
2018 Vine	00018N	00487.50E	55078.46	99	55006.11	102438	24	-38.1	3.7	78	-21	2.59	24.8	-32.9	1.3	95	-29	24.6	25.2	-32.8	11.8	86	-14	10.63
2018 Vine	00018N	00475.00E	55081.89	99	55010.4	102702	24	-39.1	3.8	78	-22	2.58	24.8	-37.4	1.1	95	-30	24.56	25.2	-34.1	11.4	87	-13	10.68
2018 Vine	00018N	00462.50E	55083.24	99	55011.69	102802	24	-36.5	2	77	-23	2.57	24.8	-38.2	-0.6	94	-30	24.5	25.2	-40.8	10.4	88	-14	10.9
2018 Vine	00018N	00450.00E	55080.52	99	55009.22	102908	24	-39.8	0.5	71	-30	2.45	24.8	-38.2	-2.5	82	-39	22.54	25.2	-39	8.3	81	-21	10.15

2018 Vine	00018N	00437.50E	55081.6	99	55010.73	103114	24	-35.4	0.8	74	-28	2.52	24.8	-26.8	-1.3	86	-39	23.34	25.2	-26	9	86	-17	10.73
2018 Vine	00018N	00425.00E	55080.14	99	55009.63	103226	24	-29.5	0.4	57	-38	2.21	24.8	-26.3	-0.4	68	-50	20.99	25.2	-35.2	9.7	73	-29	9.62
2018 Vine	00018N	00412.50E	55077.52	99	55006.84	103350	24	-29.3	2.5	79	-21	2.62	24.8	-27.9	1.2	94	-30	24.34	25.2	-26.4	10.8	88	-12	10.86
2018 Vine	00018N	00400.00E	55079.23	99	55008.78	103456	24	-30.9	2.6	77	-21	2.57	24.8	-26.7	1.8	97	-24	24.76	25.2	-27.7	10.4	84	-14	10.37
2018 Vine	00018N	00387.50E	55079.23	99	55008.74	103602	24	-24.7	1.8	70	-28	2.42	24.8	-17	0.7	79	-40	22.04	25.2	-18.8	9.1	78	-20	9.86
2018 Vine	00018N	00375.00E	55077.45	99	55007.33	103814	24	-16.5	0.5	56	-37	2.13	24.8	-8.6	-1.6	56	-49	18.44	25.2	-31.2	11.9	76	-22	9.61
2018 Vine	00018N	00362.50E	55077.69	99	55007.64	104120	24	-14.6	5.1	60	-34	2.2	24.8	-12.4	3.4	71	-42	20.39	25.2	-18.9	11.4	77	-25	9.82
2018 Vine	00018N	00350.00E	55077.49	99	55007.64	104238	24	-6.6	2.8	60	-33	2.18	24.8	-17.8	1.8	74	-41	21.13	25.2	-20.8	10	79	-22	10.04
2018 Vine	00018N	00337.50E	55077.94	99	55008.66	104402	24	-15.8	2.7	74	-24	2.5	24.8	-15.8	1.8	87	-32	22.91	25.2	-16.1	9.1	81	-21	10.22
2018 Vine	00018N	00325.00E	55077.4	99	55008.42	104508	24	-25	0	64	-32	2.29	24.8	-22.6	-2	73	-43	20.96	25.2	-25.8	9	77	-27	9.95
2018 Vine	00018N	00312.50E	55083.55	99	55014.81	104608	24	-19.5	0.6	69	-30	2.41	24.8	-15.6	-1.4	82	-41	22.8	25.2	-17.1	7.4	84	-22	10.55
2018 Vine	00018N	00300.00E	55084.38	99	55015.92	104720	24	-7	3	74	-26	2.52	24.8	-7	1.4	84	-36	22.68	25.2	-12	9.6	87	-18	10.79
2018 Vine	00018N	00287.50E	55081.04	99	55012.72	104844	24	-23.9	3.8	73	-27	2.49	24.8	-20.1	1.2	87	-36	23.25	25.2	-26.3	11.7	82	-20	10.33
2018 Vine	00018N	00275.00E	55079.5	99	55011.49	105002	24	-22.2	3.4	73	-25	2.47	24.8	-17.2	1.6	91	-32	23.87	25.2	-21.7	11.5	87	-13	10.7
2018 Vine	00018N	00262.50E	55086.86	99	55018.83	105056	24	-10.7	0.1	53	-38	2.1	24.8	-9.3	-1.4	59	-50	19.19	25.2	-18.5	8.8	73	-31	9.7
2018 Vine	00018N	00250.00E	55088.75	99	55020.71	105144	24	-28.9	4.5	81	-14	2.61	24.8	-24.5	2.2	98	-22	24.91	25.2	-30.7	14.1	90	-6	10.92
2018 Vine	00018N	00237.50E	55067.76	99	55000.01	105302	24	-30.6	4.2	74	-23	2.48	24.8	-22.1	2.3	89	-31	23.4	25.2	-18.2	13.7	89	-13	10.99
2018 Vine	00018N	00225.00E	55085.11	99	55017.38	105402	24	-19.6	2.2	68	-27	2.35	24.8	-14.3	0.3	81	-36	22.04	25.2	-20.3	11.6	84	-18	10.5
2018 Vine	00018N	00212.50E	55078.48	99	55010.87	105450	24	-12.9	4	81	-9	2.61	24.8	-7.8	1.6	97	-21	24.54	25.2	-18.3	13.7	90	-5	10.98
2018 Vine	00018N	00200.00E	55076.19	99	55009.11	105544	24	-29.6	3.1	70	-25	2.37	24.8	-23.9	0.5	85	-35	22.82	25.2	-32.6	14.2	82	-18	10.3
2018 Vine	00018N	00187.50E	55075.07	99	55008.29	105638	24	-17.1	0.5	57	-34	2.13	24.8	-12	-0.9	66	-45	19.85	25.2	-25.3	11.1	73	-28	9.59
2018 Vine	00018N	00175.00E	55076.08	99	55009.38	105750	24	-17.6	2.2	70	-25	2.38	24.8	-13.2	0.7	86	-34	22.87	25.2	-18.4	11.5	86	-18	10.69
2018 Vine	00018N	00162.50E	55070.35	99	55003.74	105844	24	-9.1	4.9	69	-25	2.34	24.8	-4.7	3.4	90	-31	23.51	25.2	-7.1	11.5	83	-13	10.2
2018 Vine	00018N	00150.00E	55077.93	99	55011.37	105926	24	-6.4	3.7	73	-21	2.45	24.8	1.9	2.8	94	-26	24.14	25.2	-7.3	10.3	87	-13	10.69
2018 Vine	00018N	00137.50E	55070.29	99	55003.85	110008	24	-28.3	3.7	72	-24	2.43	24.8	-18.7	2.5	86	-32	22.8	25.2	-24.2	13.3	85	-18	10.56
2018 Vine	00018N	00125.00E	55073.14	99	55006.93	110114	24	-20.1	3.4	69	-28	2.37	24.8	-16.1	1.8	83	-38	22.48	25.2	-17.7	11.4	86	-21	10.74
2018 Vine	00018N	00112.50E	55072.22	99	55006.27	110202	24	-11.2	4.3	74	-23	2.48	24.8	-7.7	2.7	92	-31	23.97	25.2	-10.5	10.5	90	-10	11.07
2018 Vine	00018N	00100.00E	55071.16	99	55005.2	110320	24	-11.4	4.8	72	-26	2.45	24.8	-11.2	3.9	85	-34	22.65	25.2	-14.5	12.3	83	-17	10.29
2018 Vine	00018N	00087.50E	55075.28	99	55009.43	110356	24	-14.7	4.2	74	-23	2.48	24.8	-14.3	3.3	88	-31	23	25.2	-17.8	11.8	87	-16	10.73
2018 Vine	00018N	00075.00E	55074.4	99	55008.74	110432	24	-22.6	2.8	73	-24	2.45	24.8	-13.7	1.9	89	-33	23.45	25.2	-16.7	10.3	86	-16	10.68
2018 Vine	00018N	00062.50E	55072.74	99	55007.43	110520	24	-13.4	2.5	70	-26	2.39	24.8	-10.3	1.5	82	-38	22.47	25.2	-15.4	9.7	87	-18	10.83
2018 Vine	00018N	00050.00E	55077.94	99	55012.81	110608	24	-18.6	3.3	67	-27	2.33	24.8	-16.1	2.8	81	-37	22.11	25.2	-21.1	11.9	83	-20	10.42
2018 Vine	00018N	00037.50E	55079.19	99	55014.33	110650	24	-9.5	2	64	-30	2.25	24.8	-9.2	2.2	83	-35	22.25	25.2	-14.5	9.2	85	-19	10.64
2018 Vine	00018N	00025.00E	55073.1	99	55008.52	110802	24	-15.4	4	71	-25	2.39	24.8	-12.4	3	86	-33	22.82	25.2	-13.7	10.5	86	-15	10.67
2018 Vine	00018N	00012.50E	55076.25	99	55011.84	110832	24	-9.4	0.4	54	-35	2.07	24.8	-5.8	0.2	63	-46	19.36	25.2	-15.5	8.4	73	-29	9.63
2018 Vine	00018N	00000.00E	55075.02	99	55010.78	111026	24	-3.5	-0.1	50	-36	1.98	24.8	1.7	-1.1	49	-50	17.47	25.2	-8	7.2	62	-33	8.62
2018 Vine	00019N	00000.00E	55078.47	99	55020.54	113820	24	11.6	-3.7	71	-25	2.41	24.8	13.3	-4.5	86	-33	22.93	25.2	7.1	-1.9	84	-16	10.43
2018 Vine	00019N	00012.50E	55080.86	99	55023.06	113902	24	6.2	-2.3	67	-29	2.34	24.8	4.7	-3.6	78	-37	21.51	25.2	3.8	-0.1	83	-20	10.42
2018 Vine	00019N	00025.00E	55066.03	99	55008.79	114026	24	18.1	-4	68	-27	2.35	24.8	18.5	-4.5	81	-37	22.19	25.2	19.1	-3	83	-21	10.45
2018 Vine	00019N	00037.50E	55079.5	99	55022.77	114202	24	17.2	-7.1	78	-15	2.53	24.8	16	-7.2	99	-22	25	25.2	13.1	-4.8	89	-7	10.89
2018 Vine	00019N	00050.00E	55076.62	99	55020.51	114338	24	3	-5.9	62	-31	2.22	24.8	4.3	-7.3	73	-42	20.85	25.2	-1.3	-2.6	78	-24	9.95
2018 Vine	00019N	00062.50E	55079.6	99	55023.91	114420	24	-5.4	-7.4	56	-34	2.09	24.8	-4.5	-8.8	65	-46	19.73	25.2	-12.6	-1.7	72	-26	9.29
2018 Vine	00019N	00075.00E	55074.06	99	55018.56	114526	24	6.9	-7.4	64	-27	2.22	24.8	1.6	-8.6	79	-36	21.44	25.2	6.2	-3.8	80	-19	9.99
2018 Vine	00019N	00087.50E	55070.15	99	55014.77	114620	24	5.9	-6.4	61	-29	2.16	24.8	2.8	-7.9	69	-40	19.88	25.2	-3.3	-3	76	-22	9.63
2018 Vine	00019N	00100.00E	55063.64	99	55008.62	114708	24	-5.9	-4.1	60	-29	2.14	24.8	11.4	-4.6	70	-40	19.91	25.2	7.4	-0.2	75	-23	9.55
2018 Vine	00019N	00112.50E	55064.52	99	55009.98	114838	24	3.3	-4.1	73	-18	2.39	24.8	3.1	-5.5	91	-25	23.28	25.2	-1.8	-0.4	87	-9	10.59

2018 Vine	00019N	00125.00E	55065.07	99	55010.91	114932	24	5.8	-4.4	72	-19	2.39	24.8	3.1	-5.6	90	-23	22.96	25.2	7.8	-0.7	87	-9	10.64
2018 Vine	00019N	00137.50E	55066	99	55012	115014	24	-0.6	-4.5	70	-22	2.34	24.8	2.6	-6.3	87	-30	22.88	25.2	-3.5	0	84	-13	10.31
2018 Vine	00019N	00150.00E	55062.91	99	55009.2	115114	24	5.9	-4.9	74	-17	2.42	24.8	3.9	-6.8	90	-25	22.97	25.2	-3.6	0	87	-9	10.67
2018 Vine	00019N	00162.50E	55059.46	99	55005.97	115244	24	6.4	-1	50	-35	1.97	24.8	2.3	-4.2	59	-46	18.64	25.2	-0.3	0.3	68	-30	9.09
2018 Vine	00019N	00175.00E	55058.41	99	55005.22	115456	24	-4.3	-3.2	35	-41	1.73	24.8	-0.4	-2.5	33	-54	15.81	25.2	5.8	0.3	77	-22	9.72
2018 Vine	00019N	00187.50E	55064.05	99	55010.84	115608	24	20.2	-3.6	118	-62	2.12	24.8	17.3	-4.4	70	-44	20.54	25.2	12	-0.2	75	-27	9.74
2018 Vine	00019N	00200.00E	55064.58	99	55011.79	115702	24	10.4	-6.7	127	-26	2.07	24.8	7.2	-6.1	98	-21	24.88	25.2	1	-0.1	88	-5	10.68
2018 Vine	00019N	00212.50E	55075.3	99	55022.65	115744	24	15.5	-4	75	-22	2.5	24.8	15.3	-6	93	-31	24.23	25.2	6.7	-1.7	90	-12	11.11
2018 Vine	00019N	00225.00E	55084.39	99	55032.2	115938	24	11.7	-3.2	73	-23	2.46	24.8	18.5	-4.7	87	-34	23.24	25.2	27.8	-1.8	89	-15	10.95
2018 Vine	00019N	00237.50E	55079.94	99	55028.04	120044	24	4	-2	58	-34	2.16	24.8	1.6	-5.4	71	-48	21.11	25.2	-0.1	-0.4	81	-27	10.38
2018 Vine	00019N	00250.00E	55068.56	99	55016.94	120132	24	7.6	-4	72	-24	2.42	24.8	1.5	-5.3	82	-41	22.73	25.2	3.9	-2.4	85	-19	10.66
2018 Vine	00019N	00262.50E	55072.42	99	55020.96	120238	24	4.8	-6	78	-19	2.57	24.8	5.3	-6.8	88	-33	23.4	25.2	0	-3.2	91	-17	11.3
2018 Vine	00019N	00275.00E	55075.87	99	55024.41	120326	24	21.9	-7.1	75	-21	2.49	24.8	11.6	-9.5	90	-30	23.57	25.2	6.1	-5.3	90	-14	11.04
2018 Vine	00019N	00287.50E	55071.2	99	55019.78	120438	24	12.4	-5.7	77	-13	2.5	24.8	3.6	-7.5	95	-24	24.19	25.2	-1.3	-1.9	90	-10	11.04
2018 Vine	00019N	00300.00E	55066.76	99	55015.52	120544	24	9.6	-2.6	76	-18	2.48	24.8	1.5	-4.7	96	-25	24.45	25.2	-3.8	0.4	85	-9	10.42
2018 Vine	00019N	00312.50E	55078.9	99	55027.38	120656	24	27.3	-2.4	72	-26	2.43	24.8	19.7	-3.3	88	-35	23.4	25.2	16.6	-2.4	85	-18	10.6
2018 Vine	00019N	00325.00E	55065.31	99	55014.11	120814	24	26	-2	78	-18	2.56	24.8	25.2	-2.1	96	-28	24.77	25.2	18.5	-1.9	88	-11	10.81
2018 Vine	00019N	00337.50E	55061.32	99	55011.06	120938	24	12.4	0.5	64	-32	2.3	24.8	15.7	-1	80	-43	22.45	25.2	3.6	0.5	82	-23	10.35
2018 Vine	00019N	00350.00E	55062.23	99	55011.66	121044	24	30.9	-2.4	80	-19	2.63	24.8	17.8	-2.9	102	-26	26.1	25.2	7.6	-1.6	81	-6	9.94
2018 Vine	00019N	00362.50E	55062.11	99	55011.3	121126	24	8.5	-1.6	75	-25	2.52	24.8	11.3	-2.1	89	-37	23.93	25.2	8.7	-0.2	88	-18	10.92
2018 Vine	00019N	00375.00E	55062.1	99	55011.68	121256	24	14.1	-1.4	76	-26	2.57	24.8	9.4	-2.4	94	-37	24.91	25.2	2.7	0.8	88	-17	10.91
2018 Vine	00019N	00387.50E	55060.44	99	55010.18	121438	24	9.2	-0.8	66	-33	2.37	24.8	5.9	-2.5	78	-44	22.17	25.2	-2.1	0	84	-24	10.58
2018 Vine	00019N	00400.00E	55061.12	99	55011.04	121532	24	-2.8	-2.5	77	-25	2.58	24.8	-6.8	-4.8	91	-36	24.2	25.2	7.4	-2.4	92	-14	11.29
2018 Vine	00019N	00412.50E	55057.71	99	55007.69	121644	24	-0.6	-3	78	-22	2.6	24.8	-1.5	-5.3	95	-31	24.63	25.2	-1.7	-1.6	89	-14	10.97
2018 Vine	00019N	00425.00E	55059.77	99	55009.61	121738	24	1.9	-3.4	81	-18	2.65	24.8	-7.7	-5.8	100	-24	25.43	25.2	-10.9	-0.8	89	-9	10.89
2018 Vine	00019N	00437.50E	55057.87	99	55007.61	121838	24	-11.4	-3.1	78	-20	2.56	24.8	-13.7	-5.6	97	-27	24.88	25.2	-12.3	0.2	82	-11	10.05
2018 Vine	00019N	00450.00E	55060.49	99	55010.19	121938	24	-9.8	-2.1	83	-15	2.69	24.8	-20.3	-4.9	100	-24	25.36	25.2	-20.5	3.7	92	-9	11.29
2018 Vine	00019N	00462.50E	55060.23	99	55009.72	122156	24	-17	-1	60	-33	2.2	24.8	-22.1	-6.4	72	-44	20.97	25.2	-23.4	1.2	77	-27	9.91
2018 Vine	00019N	00475.00E	55062.06	99	55011.58	122256	24	-7.8	0	67	-29	2.34	24.8	-11.6	-2.3	79	-39	21.87	25.2	-12.3	3.8	81	-25	10.33
2018 Vine	00019N	00487.50E	55060.7	99	55010.31	122338	24	0.6	-1.4	78	-19	2.56	24.8	-0.3	-3.4	96	-26	24.63	25.2	-17.7	4	93	-8	11.36
2018 Vine	00019N	00500.00E	55057.41	99	55007.15	122420	24	-12.1	3	70	-25	2.39	24.8	-16.2	-0.2	85	-34	22.74	25.2	-13.4	7.1	84	-18	10.5
2018 Vine	00019N	00512.50E	55058.84	99	55008.74	122456	24	-13.6	3.1	71	-26	2.41	24.8	-16.4	0.9	85	-35	22.9	25.2	-21.6	9.2	84	-19	10.53
2018 Vine	00019N	00525.00E	55060.29	99	55010.05	122544	24	-2.3	3.6	73	-24	2.47	24.8	-11.1	1.7	86	-35	23.08	25.2	-15.9	8.1	87	-20	10.83
2018 Vine	00019N	00537.50E	55055.53	99	55005.01	122656	24	-7.3	4.5	76	-23	2.53	24.8	-12.7	3.1	90	-34	23.76	25.2	-25.1	11.8	85	-23	10.75
2018 Vine	00019N	00550.00E	55054.27	99	55003.86	122756	24	-2.4	3.4	79	-20	2.61	24.8	-2.9	1.4	100	-26	25.43	25.2	-8.7	6.3	95	-8	11.6
2018 Vine	00019N	00562.50E	55057.04	99	55006.65	122844	24	-0.8	4.3	72	-26	2.46	24.8	-7.5	2.3	90	-36	23.96	25.2	-13	6.6	89	-17	11
2018 Vine	00019N	00575.00E	55052.06	99	55001.35	122932	24	-2.7	4.8	70	-28	2.42	24.8	-8.5	2.7	88	-39	23.9	25.2	-12.4	6.3	87	-20	10.92
2018 Vine	00019N	00587.50E	55047.25	99	54996.39	123050	24	-2.8	4.2	75	-27	2.54	24.8	-7.1	2.3	93	-37	24.71	25.2	-11.4	5.8	91	-20	11.32
2018 Vine	00019N	00600.00E	55049.86	99	54999.23	123150	24	-15.6	4.6	76	-28	2.59	24.8	-15	3.3	94	-38	25.19	25.2	-20.1	8.5	92	-21	11.54
2018 Vine	00019N	00612.50E	55056.53	99	55005.87	123250	24	5.5	1.1	87	-12	2.81	24.8	4.8	0.3	113	-18	28.25	25.2	-0.4	3.2	100	-3	12.2
2018 Vine	00019N	00625.00E	55062.56	99	55011.78	123432	24	10.3	-2.2	82	-18	2.69	24.8	8.7	-3.5	103	-26	26.33	25.2	3.4	-1.2	96	-9	11.72
2018 Vine	00019N	00637.50E	55060.4	99	55008.67	124420	24	8.8	-1.7	82	-22	2.71	24.8	1.1	-3.8	101	-31	26.25	25.2	-3.2	-0.7	97	-14	11.91
2018 Vine	00019N	00650.00E	55060.39	99	55008.29	124608	24	18.3	-1.8	69	-32	2.43	24.8	11.8	-3.6	84	-43	23.44	25.2	7.3	-2.1	87	-24	10.96
2018 Vine	00020N	00650.00E	55072.1	99	55020.29	131420	24	-11.3	4.6	89	-8	2.85	24.8	-17.2	4.1	109	-14	27.16	25.2	-21.7	10.6	97	-1	11.86
2018 Vine	00020N	00637.50E	55058.78	99	55006.41	131544	24	-29.3	5.5	84	0	2.69	24.8	-24.3	4.3	106	-3	26.2	25.2	-33.9	14.9	86	6	10.56
2018 Vine	00020N	00625.00E	55062.9	99	55010.16	131638	24	-34.7	4.1	70	-28	2.42	24.8	-23.1	2.1	81	-37	22.05	25.2	-29.7	11	82	-21	10.36

2018 Vine	00020N	00612.50E	55061.87	99	55008.94	131744	24	-19.8	5.1	73	-24	2.46	24.8	-22.3	2.7	82	-37	22.28	25.2	-30.4	10.1	81	-31	10.59
2018 Vine	00020N	00600.00E	55062.14	99	55009.18	131826	24	-4.9	6.3	69	-30	2.41	24.8	-5.6	5.3	81	-39	22.25	25.2	-6.7	9.3	85	-23	10.79
2018 Vine	00020N	00587.50E	55069.46	99	55016.59	131914	24	2.8	7.3	72	-28	2.47	24.8	3.3	7	84	-36	22.68	25.2	0.6	9.4	87	-20	10.82
2018 Vine	00020N	00575.00E	55065.88	99	55013.04	131956	24	-28.8	7.3	67	-32	2.38	24.8	-21	6.7	79	-40	21.93	25.2	-23.5	12.4	83	-25	10.52
2018 Vine	00020N	00562.50E	55066.49	99	55013.39	132044	24	-15.7	7.2	63	-32	2.27	24.8	-13.9	7.8	80	-39	22.07	25.2	-19.9	13.7	83	-23	10.54
2018 Vine	00020N	00550.00E	55060.25	99	55006.96	132132	24	-29.5	7.4	73	-25	2.46	24.8	-27.8	7.1	87	-33	22.97	25.2	-32.7	15.2	87	-17	10.82
2018 Vine	00020N	00537.50E	55059.48	99	55006.04	132214	24	-16.8	8	78	-19	2.57	24.8	-10.4	6.4	90	-28	23.36	25.2	-12.8	12.4	88	-12	10.82
2018 Vine	00020N	00525.00E	55055.94	99	55002.46	132256	24	-28.3	7.5	70	-26	2.38	24.8	-23.7	6.1	81	-35	21.85	25.2	-29.9	16	88	-20	11.04
2018 Vine	00020N	00512.50E	55062.2	99	55008.86	132356	24	-29.6	6.9	81	-13	2.62	24.8	-27.4	5.5	100	-19	25.1	25.2	-30.3	14.7	89	-5	10.9
2018 Vine	00020N	00500.00E	55064.2	99	55010.81	132432	24	-33.1	5.3	76	-19	2.5	24.8	-23.5	3.8	90	-29	23.45	25.2	-27.4	12.1	87	-15	10.8
2018 Vine	00020N	00487.50E	55076.28	99	55022.68	132520	24	-22.5	2.2	69	-26	2.37	24.8	-12.3	1.3	78	-36	21.33	25.2	-18.8	8.8	85	-21	10.61
2018 Vine	00020N	00475.00E	55078.69	99	55025.12	132602	24	-25.4	1.9	76	-19	2.5	24.8	-25.4	0.8	87	-29	22.6	25.2	-30.8	10.4	85	-15	10.55
2018 Vine	00020N	00462.50E	55077.85	99	55023.74	132702	24	-23.6	1	79	-12	2.55	24.8	-21.4	-0.1	99	-19	24.9	25.2	-24.9	8.6	86	-5	10.53
2018 Vine	00020N	00450.00E	55079.55	99	55025.44	132732	24	-29.6	1.3	77	-16	2.5	24.8	-28.3	0	95	-23	24.17	25.2	-24	8.8	83	-8	10.16
2018 Vine	00020N	00437.50E	55073.8	99	55019.78	132914	24	-41.2	1.9	77	-14	2.51	24.8	-38.6	-0.4	95	-21	24.16	25.2	-29.2	8.6	90	-7	10.96
2018 Vine	00020N	00425.00E	55067.99	99	55013.7	133056	24	-39.6	-0.7	73	-21	2.44	24.8	-38.4	-4.5	80	-37	21.77	25.2	-40.8	6.7	84	-16	10.48
2018 Vine	00020N	00412.50E	55066.12	99	55011.54	133214	24	-30.8	-0.6	78	-17	2.57	24.8	-29.5	-2.7	98	-25	24.96	25.2	-26.6	5.2	91	-11	11.16
2018 Vine	00020N	00400.00E	55067.61	99	55012.88	133338	24	-41.8	1.7	76	-24	2.56	24.8	-39.1	-0.7	96	-34	25.25	25.2	-31.5	6.8	92	-17	11.38
2018 Vine	00020N	00387.50E	55061.44	99	55006.53	133438	24	-42.4	3.5	84	-15	2.71	24.8	-39	1.3	107	-22	26.96	25.2	-32.1	9.2	93	-6	11.35
2018 Vine	00020N	00375.00E	55067.07	99	55012.05	133538	24	-34.4	1.4	78	-25	2.61	24.8	-34.4	0.3	96	-33	25.25	25.2	-22.9	7.3	93	-12	11.39
2018 Vine	00020N	00362.50E	55064.96	99	55010.01	133632	24	-14.6	-2.6	47	-43	2.06	24.8	-15.4	-3.7	53	-55	19.05	25.2	-16.9	3.9	72	-36	9.78
2018 Vine	00020N	00350.00E	55064.82	99	55009.82	133720	24	-21.8	-0.7	127	-58	2.23	24.8	-5.1	-1	93	-35	24.65	25.2	-6.2	3	95	-16	11.68
2018 Vine	00020N	00337.50E	55068.31	99	55013.71	133802	24	-12.1	1.7	81	-24	2.71	24.8	-7.8	0	92	-36	24.47	25.2	-10.8	5.2	89	-18	11.04
2018 Vine	00020N	00325.00E	55070.25	99	55015.5	133844	24	-7.9	1.5	83	-17	2.71	24.8	-2.7	0	104	-25	26.56	25.2	-8.7	4.8	97	-9	11.88
2018 Vine	00020N	00312.50E	55068.8	99	55013.88	133920	24	-7	-0.8	75	-30	2.6	24.8	-5.4	-1.3	87	-39	23.7	25.2	-14	4.3	87	-22	10.93
2018 Vine	00020N	00300.00E	55075.8	99	55020.95	133956	24	-12.2	0.5	77	-20	2.55	24.8	-13.6	0	96	-29	24.74	25.2	-13.3	5.6	89	-15	11.04
2018 Vine	00020N	00287.50E	55078.66	99	55023.68	134102	24	-16.3	-2.1	71	-24	2.39	24.8	-12.3	-1.5	87	-34	23.05	25.2	-20.7	4.8	88	-17	10.91
2018 Vine	00020N	00275.00E	55078.07	99	55023.06	134156	24	-16.6	-1.7	69	-25	2.34	24.8	-11	-2	84	-33	22.47	25.2	-17.7	4.5	83	-16	10.33
2018 Vine	00020N	00262.50E	55074.62	99	55019.78	134238	24	-12.8	-3.1	71	-21	2.38	24.8	-7.8	-4.1	88	-31	23.14	25.2	-13.6	1.3	85	-14	10.46
2018 Vine	00020N	00250.00E	55070.72	99	55015.82	134320	24	-0.4	-3.8	56	-32	2.06	24.8	0.9	-5.9	66	-44	19.61	25.2	-1.6	-0.4	78	-27	10.02
2018 Vine	00020N	00237.50E	55071.44	99	55016.59	134408	24	-14.8	-4	61	-31	2.2	24.8	-7.4	-5.7	68	-45	20.21	25.2	-11.4	1.5	79	-26	10.16
2018 Vine	00020N	00225.00E	55077.48	99	55022.44	134456	24	-17.6	-2	69	-25	2.36	24.8	-16.2	-1.9	79	-37	21.68	25.2	-9.7	5.6	83	-20	10.39
2018 Vine	00020N	00212.50E	55074.42	99	55019.6	134544	24	-11.7	-2.2	73	-21	2.42	24.8	-0.3	-1.8	88	-27	22.87	25.2	-16.3	4.5	87	-13	10.74
2018 Vine	00020N	00200.00E	55070.66	99	55015.87	134632	24	-0.1	-1.5	69	-23	2.33	24.8	0.2	-1.9	81	-33	21.67	25.2	-9.3	4.5	86	-15	10.65
2018 Vine	00020N	00187.50E	55072.02	99	55017.49	134756	24	0	-3	68	-24	2.32	24.8	2.3	-2.1	82	-33	21.87	25.2	-4.4	3.8	82	-16	10.18
2018 Vine	00020N	00175.00E	55076.22	99	55021.65	134838	24	2.9	-3.7	63	-28	2.19	24.8	16.3	-2.6	75	-38	20.79	25.2	5.5	1.7	81	-21	10.2
2018 Vine	00020N	00162.50E	55068.37	99	55013.71	134956	24	6.1	-1.1	77	-20	2.53	24.8	2	-1.4	92	-26	23.71	25.2	-3.1	4.2	93	-10	11.37
2018 Vine	00020N	00150.00E	55071.59	99	55016.72	135056	24	-12.1	-3.6	60	-31	2.17	24.8	-5.1	-4.6	70	-45	20.54	25.2	-9.3	2.9	80	-28	10.38
2018 Vine	00020N	00137.50E	55065.66	99	55010.63	135132	24	-11.2	-1.6	57	-34	2.13	24.8	-6.9	-3.3	63	-46	19.33	25.2	-16.5	4.4	72	-31	9.54
2018 Vine	00020N	00125.00E	55070.03	99	55014.72	135214	24	-5.9	-1.1	60	-30	2.15	24.8	-6.7	-1.9	76	-40	21.17	25.2	-6.3	5.4	84	-21	10.57
2018 Vine	00020N	00112.50E	55061.54	99	55006.1	135250	24	-10.8	1	70	-23	2.36	24.8	-7.8	-0.2	84	-33	22.34	25.2	-8.4	5.5	87	-16	10.75
2018 Vine	00020N	00100.00E	55065.16	99	55009.82	135326	24	-8.1	0	66	-27	2.27	24.8	8.2	0.1	84	-34	22.53	25.2	4.5	3.4	85	-16	10.55
2018 Vine	00020N	00087.50E	55059.01	99	55004.12	135432	24	-8.7	-1	65	-29	2.28	24.8	-7.3	-0.5	78	-38	21.53	25.2	-9.3	5	83	-22	10.42
2018 Vine	00020N	00075.00E	55060.19	99	55005.28	135514	24	-11.6	-1	61	-32	2.21	24.8	-11.7	0.4	79	-39	21.85	25.2	-2.7	3.7	85	-19	10.63
2018 Vine	00020N	00062.50E	55062.16	99	55007.37	135608	24	-9.9	3.2	75	-19	2.47	24.8	-5.1	1.1	93	-31	24.27	25.2	-9.8	6.7	91	-13	11.25
2018 Vine	00020N	00050.00E	55067.01	99	55012.16	135638	24	-7.5	0	70	-24	2.37	24.8	-7.4	0.2	90	-33	23.65	25.2	-9.6	5.1	91	-15	11.17

2018 Vine	00020N	00037.50E	55062.95	99	55008.08	135738	24	-13.5	0.6	74	-19	2.45	24.8	-10.5	0.2	91	-30	23.73	25.2	-8.9	4.2	88	-13	10.82
2018 Vine	00020N	00025.00E	55064.09	99	55008.96	135826	24	-6.6	-2.5	61	-31	2.18	24.8	-2.5	-1.3	72	-43	20.73	25.2	-9.7	4.7	80	-25	10.2
2018 Vine	00020N	00012.50E	55069.38	99	55014.17	135920	24	6.2	-1.6	60	-30	2.15	24.8	3	-1.2	68	-44	19.97	25.2	-5.2	3.9	77	-26	9.9
2018 Vine	00020N	00000.00E	55068.84	99	55013.25	140032	24	8.4	-8.4	25	-41	1.55	24.8	24.8	-5.6	19	-56	14.7	25.2	1.5	1.4	44	-44	7.62
2019 Vine	03540N	07500.00E	54977.75	95	54784.25	174914	24	-22.9	-1.9	62	-6	0.24	24.8	-19.2	-2	73	-18	18.64	25.2	-25.2	6.4	83	-7	10.11
2019 Vine	03540N	07487.50E	54980.76	96	54787.62	175134	24	-25.6	-4.2	66	-6	0.26	24.8	-15.5	-2.8	69	-21	17.84	25.2	-20.5	4.1	79	-9	9.72
2019 Vine	03540N	07475.00E	54975.26	96	54782.17	175214	24	-22.8	0	62	-6	0.24	24.8	-20.1	1.1	66	-22	17.19	25.2	-25.2	8.7	78	-9	9.55
2019 Vine	03540N	07462.50E	54975.5	96	54782.16	175326	24	-16.2	-0.7	60	-7	0.24	24.8	-12.6	4.1	66	-22	17.19	25.2	-15.9	10	75	-9	9.18
2019 Vine	03540N	07450.00E	54973.81	95	54780.39	175422	24	-18.1	-2.4	61	-1	0.24	24.8	-15.5	3.7	70	-16	17.84	25.2	-16.7	9.5	78	-4	9.55
2019 Vine	03540N	07437.50E	54974.26	96	54781.01	175506	24	-31.5	1.1	62	-1	0.25	24.8	-27.1	3.2	70	-15	17.73	25.2	-33.7	13.4	75	-6	9.18
2019 Vine	03540N	07425.00E	54972.43	96	54778.88	175646	24	-25.9	1.1	63	-1	0.25	24.8	-25.7	5.2	69	-15	17.64	25.2	-33.5	14.3	79	-3	9.59
2019 Vine	03540N	07412.50E	54978.18	96	54784.6	175734	24	-22.5	-2.5	62	-6	0.24	24.8	-29	4.2	69	-15	17.62	25.2	-32.2	13.3	79	-2	9.64
2019 Vine	03540N	07400.00E	54969.57	96	54776.03	175822	24	-27.3	-2.8	61	-3	0.24	24.8	-35.3	4.7	70	-14	17.62	25.2	-43.3	15.9	77	-2	9.44
2019 Vine	03540N	07387.50E	54981.65	96	54788.11	175918	24	-37.4	-1.8	58	-8	0.23	24.8	-40.2	2.8	61	-23	16.24	25.2	-44.4	13.5	76	-11	9.31
2019 Vine	03540N	07375.00E	54979.04	95	54785.89	180014	24	-42.7	-5.6	60	-10	0.24	24.8	-48.3	0.9	58	-27	15.91	25.2	-48.2	12.2	74	-15	9.19
2019 Vine	03540N	07362.50E	54967.98	95	54774.56	180130	24	-42.7	-7.4	67	2	0.26	24.8	-52	3.1	71	-14	17.93	25.2	-52.4	12.8	71	-15	8.87
2019 Vine	03540N	07350.00E	54975.39	95	54781.78	180318	24	-36.9	-6.4	59	-7	0.24	24.8	-51.7	3.3	65	-23	17.16	25.2	-50.3	13.9	73	-11	9.06
2019 Vine	03540N	07337.50E	54976.65	96	54782.88	180402	24	-30.9	-4.7	58	-9	0.23	24.8	-43	6.6	72	-19	18.48	25.2	-37.1	14.5	79	-7	9.66
2019 Vine	03540N	07325.00E	54973.96	96	54779.99	180442	24	-33	-3.7	62	-8	0.25	24.8	-51.5	6.9	70	-21	18.19	25.2	-42.6	14.4	77	-8	9.39
2019 Vine	03540N	07312.50E	54972.76	96	54778.58	180522	24	-38.8	-4.1	57	-12	0.23	24.8	-58.7	7	65	-26	17.44	25.2	-46.2	13.9	78	-13	9.62
2019 Vine	03540N	07300.00E	54974.04	96	54780	180614	24	-32.7	-6	55	-14	0.22	24.8	-58.6	8.4	66	-26	17.53	25.2	-48.7	14.3	79	-13	9.75
2019 Vine	03540N	07287.50E	54975.34	96	54781.32	180702	24	-42.1	-9.1	52	-17	0.22	24.8	-60.4	7	64	-33	17.9	25.2	-60	14.3	75	-17	9.37
2019 Vine	03540N	07275.00E	54967.38	95	54773.37	180742	24	-42.9	-4.9	54	-17	0.22	24.8	-55.3	6.4	63	-34	17.79	25.2	-49.7	14.5	73	-17	9.11
2019 Vine	03540N	07262.50E	54968.98	96	54775.01	180838	24	-36.4	-10.2	67	-4	0.27	24.8	-47.3	2.2	78	-26	20.47	25.2	-48.6	11.7	81	-11	9.93
2019 Vine	03540N	07250.00E	54965.84	96	54771.92	181010	24	-30.4	-8.9	61	-11	0.24	24.8	-41.9	1.4	83	-22	21.27	25.2	-44.3	11.5	85	-7	10.44
2019 Vine	03540N	07237.50E	54968.99	95	54774.95	181138	24	-32.8	-8.5	65	-8	0.26	24.8	-34.7	1.6	86	-16	21.73	25.2	-36.7	11.3	86	-2	10.47
2019 Vine	03540N	07225.00E	54967.97	95	54773.52	181234	24	-24.9	-9.9	69	-6	0.27	24.8	-34	-1.4	80	-25	20.67	25.2	-31.7	6.3	82	-10	10.02
2019 Vine	03540N	07212.50E	54966.76	95	54772.23	181434	24	-27.1	-8.3	62	-14	0.25	24.8	-39.4	-3.5	77	-29	20.27	25.2	-39.4	6.7	84	-14	10.39
2019 Vine	03540N	07200.00E	54970.38	95	54775.77	181534	24	-27.6	-4.8	59	-19	0.24	24.8	-38.2	-3	66	-36	18.65	25.2	-37.5	7.2	76	-21	9.67
2019 Vine	03540N	07187.50E	54969.24	95	54774.37	181702	24	-27.7	-5.3	65	-12	0.26	24.8	-29.9	-3.3	80	-29	21.1	25.2	-28.4	4.3	87	-12	10.68
2019 Vine	03540N	07175.00E	54967.49	95	54772.69	181742	24	-9.8	-8.7	59	-17	0.24	24.8	-28.7	-1.4	75	-31	20.08	25.2	-32.1	6.7	83	-16	10.24
2019 Vine	03540N	07162.50E	54975.89	95	54780.8	181918	24	-15.1	-4.4	68	-8	0.27	24.8	-24.2	-3	85	-23	21.74	25.2	-19.3	4	91	-7	11.07
2019 Vine	03540N	07150.00E	54978.86	96	54783.77	182050	24	-21.6	-3.5	72	-8	0.28	24.8	-28.5	-2.4	85	-25	21.84	25.2	-27.2	4.6	90	-10	11.05
2019 Vine	03540N	07137.50E	54985.42	95	54790.44	182150	24	-28.1	-7.2	71	-5	0.28	24.8	-28.2	-1	92	-19	23.2	25.2	-30.2	5.2	92	-3	11.23
2019 Vine	03540N	07125.00E	54984.34	96	54789.11	182242	24	-22.5	-7.1	71	-7	0.28	24.8	-24.2	-1.9	90	-25	23.11	25.2	-23.6	3.4	96	-8	11.72
2019 Vine	03540N	07112.50E	54982.25	95	54786.79	182318	24	-23.7	-9.4	68	-16	0.27	24.8	-21.6	-2.3	74	-37	20.41	25.2	-24.6	2.7	84	-19	10.51
2019 Vine	03540N	07100.00E	54977.13	95	54781.45	182410	24	-15.6	-8.3	65	-16	0.26	24.8	-20.7	-0.7	76	-36	20.91	25.2	-21.4	2.2	90	-21	11.27
2019 Vine	03540N	07087.50E	54970.47	96	54774.62	182454	24	-13.1	-8.3	61	-19	0.25	24.8	-21.8	-1.1	76	-40	21.27	25.2	-23.9	1.5	82	-23	10.42
2019 Vine	03540N	07075.00E	54971.57	95	54775.55	182530	24	-21.5	-4.8	72	-16	0.29	24.8	-17.5	-1.3	86	-35	22.88	25.2	-15	0.8	91	-19	11.3
2019 Vine	03540N	07062.50E	54974.05	95	54777.89	182606	24	-6.2	-6.4	66	-15	0.27	24.8	-10.6	0.3	81	-35	21.96	25.2	-9.4	1.4	90	-20	11.17
2019 Vine	03540N	07050.00E	54975.19	96	54779.04	182638	24	-6.5	-2.5	66	-18	0.27	24.8	-6.9	0.1	78	-38	21.45	25.2	-6.5	0.4	91	-22	11.39
2019 Vine	03540N	07037.50E	54978.82	96	54782.46	182750	24	-8.3	-1	66	-17	0.27	24.8	-1.4	-0.2	79	-36	21.39	25.2	-3.7	0.2	87	-21	10.9
2019 Vine	03540N	07025.00E	54973.46	95	54776.89	182834	24	-2.5	-0.7	69	-14	0.28	24.8	4.5	0	85	-32	22.53	25.2	-0.2	-0.1	87	-15	10.69
2019 Vine	03540N	07012.50E	54965.08	95	54768.67	182926	24	0.8	2	72	-8	0.28	24.8	8.6	-0.3	95	-22	24.22	25.2	7.8	-1.7	100	-6	12.16
2019 Vine	03540N	07000.00E	54962.92	95	54766.36	183014	24	0.9	-0.1	71	-11	0.28	24.8	7.4	-1.2	86	-26	22.22	25.2	3.8	-0.8	93	-11	11.42
2019 Vine	03540N	06987.50E	54969.26	95	54772.67	183054	24	5.1	-1.1	73	-11	0.29	24.8	9.1	-1.4	88	-27	22.79	25.2	5.5	-1	91	-11	11.14

2019 Vine	03540N	06975.00E	54971.82	95	54775.05	183134	24	-0.1	2.5	64	-15	0.26	24.8	13.6	-2.1	77	-31	20.53	25.2	9	-1.1	90	-16	11.11
2019 Vine	03540N	06962.50E	54966.89	95	54769.93	183234	24	-3.2	1.6	72	-7	0.28	24.8	4.2	-1.8	83	-25	21.51	25.2	-6.6	2.7	92	-8	11.2
2019 Vine	03540N	06950.00E	54972.63	96	54775.61	183522	24	-4	0.4	68	-15	0.28	24.8	13.8	-3	66	-36	18.7	25.2	11.9	-0.2	82	-18	10.23
2019 Vine	03540N	06937.50E	54970.58	95	54773.18	183610	24	-7.8	3	71	-7	0.28	24.8	1.8	-2.1	83	-21	21.24	25.2	-4.8	3.6	93	-5	11.3
2019 Vine	03540N	06925.00E	54969	96	54771.33	183738	24	-0.1	-2.2	71	-5	0.28	24.8	3	-2	88	-19	22.16	25.2	0.7	3.2	98	-3	11.96
2019 Vine	03540N	06912.50E	54969.49	95	54771.71	183838	24	-11.2	-1.7	70	-6	0.28	24.8	-5.3	-3.1	90	-16	22.59	25.2	-6.4	4.7	101	-2	12.25
2019 Vine	03540N	06900.00E	54970.02	95	54772.22	183910	24	-7.4	-5.7	69	-3	0.27	24.8	-10.1	-4.5	85	-18	21.57	25.2	-10.9	5.4	98	-3	11.94
2019 Vine	03540N	06887.50E	54962.35	95	54764.72	183946	24	-21.1	-4.9	73	-4	0.29	24.8	-20.6	-6	80	-23	20.68	25.2	-22.4	7.2	92	-8	11.18
2019 Vine	03540N	06875.00E	54966.89	95	54769.37	184110	24	-22.4	-2.4	65	-11	0.26	24.8	-21.2	-6.1	79	-27	20.77	25.2	-22.7	7.6	93	-10	11.35
2019 Vine	03540N	06862.50E	54971.84	95	54774.15	184218	24	-20	-5.6	65	-12	0.26	24.8	-16.8	-5.5	75	-31	20.11	25.2	-20.2	8.4	86	-14	10.61
2019 Vine	03540N	06850.00E	54977.2	95	54779.19	184302	24	-21.9	-1.1	66	-7	0.26	24.8	-16.4	-5.1	76	-27	20.08	25.2	-26.7	9.9	90	-12	11.06
2019 Vine	03540N	06837.50E	54969.98	95	54771.84	184358	24	-19.3	-1.4	63	-12	0.25	24.8	-15.4	-5	70	-30	18.94	25.2	-22.5	9.3	83	-14	10.23
2019 Vine	03540N	06825.00E	54983.72	95	54785.58	184446	24	-15.1	-4	67	-7	0.26	24.8	-16.1	-4.4	85	-19	21.64	25.2	-19.6	9	86	-3	10.45
2019 Vine	03540N	06812.50E	54986.2	95	54788.05	184522	24	-13.1	0	62	-8	0.25	24.8	-11.7	-3.7	82	-21	20.97	25.2	-19	8.9	85	-5	10.4
2019 Vine	03540N	06800.00E	54979.61	95	54781.62	184610	24	-19.8	0.1	64	-13	0.26	24.8	-9.9	-5	63	-33	17.78	25.2	-19.4	8.5	78	-18	9.79
2019 Vine	03540N	06787.50E	54977.13	95	54779.09	184654	24	-8.6	-0.8	67	-13	0.27	24.8	-5	-4.1	65	-33	18.1	25.2	-9.8	6.8	80	-18	10.04
2019 Vine	03540N	06775.00E	54985.52	95	54787.8	184754	24	-12.6	0.7	58	-14	0.23	24.8	-8.8	-5	74	-30	19.76	25.2	-20	7.1	80	-12	9.83
2019 Vine	03540N	06762.50E	54989.56	95	54791.51	184838	24	-10.4	-0.9	60	-13	0.24	24.8	-2.6	-5.2	72	-32	19.53	25.2	-13.4	4.8	84	-15	10.45
2019 Vine	03540N	06750.00E	54992.68	96	54794.54	184922	24	-10.6	1.6	63	-9	0.25	24.8	-3.4	-3.5	79	-27	20.7	25.2	-10.1	5.5	88	-11	10.77
2019 Vine	03540N	06737.50E	54984.1	95	54785.7	185006	24	-10.5	1.5	65	-10	0.26	24.8	-0.2	-3.4	82	-23	21.2	25.2	-10.9	5.5	87	-7	10.6
2019 Vine	03540N	06725.00E	54988.79	95	54790.12	185050	24	-13.5	1.2	64	-11	0.26	24.8	2.8	-5	74	-29	19.77	25.2	-12.7	4.3	84	-12	10.35
2019 Vine	03540N	06712.50E	55008.31	95	54809.5	185142	24	5	0.7	63	-14	0.25	24.8	8.1	-3.5	80	-24	20.71	25.2	-2	3.2	88	-8	10.7
2019 Vine	03540N	06700.00E	54988.11	95	54789.27	185210	24	2.6	-2	68	-8	0.27	24.8	7.7	-3.9	81	-22	20.88	25.2	-4.6	2.9	93	-6	11.37
2019 Vine	03540N	06687.50E	54971.43	95	54772.5	185254	24	13.8	-2.6	63	-11	0.25	24.8	13.1	-4.4	78	-25	20.41	25.2	-5.7	1.2	87	-8	10.65
2019 Vine	03540N	06675.00E	54972.4	95	54773.96	185346	24	0	-1.3	63	-10	0.25	24.8	6.8	-5.1	79	-23	20.36	25.2	-7.1	0.8	90	-8	11.02
2019 Vine	03540N	06662.50E	54946.67	95	54748.5	185434	24	0.3	-4.7	64	-7	0.25	24.8	5.8	-5.3	81	-20	20.59	25.2	-5.6	-0.9	86	-6	10.51
2019 Vine	03540N	06650.00E	54941.5	95	54743.66	185530	24	3.5	-6.9	66	-11	0.26	24.8	8.7	-6.9	74	-28	19.54	25.2	-1	-3.8	87	-14	10.7
2019 Vine	03540N	06637.50E	54935.96	96	54738.24	185614	24	-4.4	-5.3	60	-16	0.24	24.8	2.3	-9.1	69	-30	18.62	25.2	-10.4	-4.2	83	-16	10.36
2019 Vine	03540N	06625.00E	54926.3	95	54728.57	185650	24	-3	-7.3	65	-9	0.26	24.8	0.5	-7	78	-26	20.5	25.2	-11.8	-3.2	84	-12	10.29
2019 Vine	03540N	06612.50E	54916.17	95	54718.21	185730	24	1.3	-6.5	59	-14	0.24	24.8	1.2	-6.3	75	-29	19.9	25.2	-8.4	-2.8	86	-15	10.68
2019 Vine	03540N	06600.00E	54932.38	95	54734.1	185810	24	-10	-5.4	60	-16	0.25	24.8	-1	-5.6	71	-31	19.19	25.2	-11.2	-0.6	83	-16	10.34
2019 Vine	03540N	06587.50E	54961.55	95	54763.06	185858	24	-5.6	-3	63	-10	0.25	24.8	0.6	-5.4	70	-29	18.81	25.2	-5.5	-0.4	85	-14	10.52
2019 Vine	03540N	06575.00E	55000.06	95	54801.39	185938	24	-15.8	-3.1	66	-6	0.26	24.8	-3.8	-1.2	77	-25	20.1	25.2	-20.2	9.9	88	-11	10.77
2019 Vine	03540N	06562.50E	54985.4	95	54786.81	190022	24	-11.8	0.1	57	-13	0.23	24.8	-6.4	-0.5	63	-33	17.59	25.2	-16.6	14.9	86	-17	10.63
2019 Vine	03540N	06550.00E	54984.53	95	54785.9	190102	24	-20.7	-0.5	59	-13	0.24	24.8	-14.5	-1.9	69	-28	18.54	25.2	-26	15.9	84	-16	10.47
2019 Vine	03540N	06537.50E	54994.48	95	54795.63	190230	24	-18.8	-0.8	63	-4	0.25	24.8	-16.8	-0.4	89	-10	22.24	25.2	-24.3	16.2	89	2	10.83
2019 Vine	03540N	06525.00E	54999.46	95	54800.58	190310	24	-16	8.4	64	-10	0.25	24.8	-0.5	1.5	75	-28	19.79	25.2	-12.8	14	83	-14	10.2
2019 Vine	03540N	06512.50E	54991.84	95	54792.8	190350	24	-5.6	7.1	73	-3	0.29	24.8	9.4	5.1	84	-19	21.25	25.2	3.3	14.1	88	-8	10.8
2019 Vine	03540N	06500.00E	54991.88	95	54792.9	190434	24	-14.3	3.9	65	-10	0.26	24.8	1.3	4.3	82	-23	21.08	25.2	-10.9	14.6	89	-11	10.91
2019 Vine	03540N	06487.50E	54989.34	95	54790.12	190506	24	-17.4	5.1	67	-6	0.26	24.8	3.2	4.2	79	-24	20.53	25.2	-8.6	13.9	83	-11	10.2
2019 Vine	03540N	06475.00E	54996.17	95	54797	190546	24	-12.7	6.5	65	-12	0.26	24.8	4.2	3.2	75	-26	19.65	25.2	-5.6	10.4	81	-12	9.99
2019 Vine	03540N	06462.50E	55005.1	95	54805.99	190634	24	-6.9	3.8	61	-13	0.25	24.8	8.7	4.7	74	-26	19.54	25.2	-0.1	9.6	78	-14	9.62
2019 Vine	03540N	06450.00E	55002.3	95	54803.42	190722	24	-7.1	4.4	65	-9	0.26	24.8	7.8	5.4	77	-19	19.61	25.2	3.2	8.6	90	-8	10.95
2019 Vine	03540N	06437.50E	54997.47	95	54798.66	190758	24	-4.5	2.9	63	-9	0.25	24.8	7	5.6	74	-21	19.14	25.2	1.7	8.8	85	-9	10.35
2019 Vine	03540N	06425.00E	54993.94	95	54794.87	190842	24	-9.8	2.2	62	-8	0.24	24.8	7.1	5	80	-16	20.21	25.2	2.6	7.2	87	-4	10.61
2019 Vine	03540N	06412.50E	54993.91	95	54794.69	190930	24	1.4	0.4	65	-5	0.26	24.8	9.3	4.7	81	-15	20.48	25.2	8.4	4.2	86	-4	10.49

2019 Vine	03540N	06400.00E	54993.72	96	54794.37	191010	24	-7.2	2.4	63	-5	0.25	24.8	-2.9	3.9	80	-16	20.13	25.2	-5.9	5	87	-6	10.55
2019 Vine	02600N	06750.00E	54969.17	94	55010.28	210958	24	-38	-1.6	66	-13	0.27	24.8	-19.9	10.4	69	-25	18.21	25.2	-10.2	15.1	70	-9	8.65
2019 Vine	02600N	06737.50E	54973.16	94	55014.23	211126	24	-47.8	2.7	72	-7	0.28	24.8	-11.7	11.2	78	-20	20.07	25.2	-5.1	14.4	79	-3	9.67
2019 Vine	02600N	06725.00E	54974.18	94	55015.05	211218	24	-36.3	0.8	67	-14	0.27	24.8	-5	12	65	-33	17.99	25.2	-11.3	13.9	75	-15	9.38
2019 Vine	02600N	06712.50E	54974.84	94	55015.84	211258	24	-29.3	1.7	73	-8	0.29	24.8	5.6	12.6	75	-27	19.81	25.2	2.4	12.2	79	-7	9.64
2019 Vine	02600N	06700.00E	54973.9	95	55015.08	211338	24	-24.2	3.5	73	-7	0.29	24.8	16.6	12.4	80	-22	20.64	25.2	17.7	10.1	80	-6	9.79
2019 Vine	02600N	06687.50E	54968.54	95	55009.59	211458	24	-21.4	1.9	72	-9	0.29	24.8	23	14.2	84	-19	21.25	25.2	20.2	10	81	-2	9.82
2019 Vine	02600N	06675.00E	54967.14	94	55008.04	211602	24	-31	3.7	77	-6	0.3	24.8	12.9	12.2	87	-13	21.76	25.2	5.4	10.9	83	1	10.11
2019 Vine	02600N	06662.50E	54965.06	94	55005.63	211650	24	-13.2	3.7	74	-7	0.29	24.8	17	12.5	82	-18	20.9	25.2	10.6	11	81	-3	9.9
2019 Vine	02600N	06650.00E	54958.18	94	54999.1	211806	24	-3	-6.1	75	-7	0.29	24.8	25.9	14.5	76	-22	19.68	25.2	10.7	11.7	80	-6	9.8
2019 Vine	02600N	06637.50E	54954.48	95	54995.3	211930	24	-17.9	3	73	-8	0.29	24.8	14.5	9.3	78	-18	19.96	25.2	2.3	10.2	82	-5	9.96
2019 Vine	02600N	06625.00E	54958.89	94	55000.06	212022	24	-35.3	-1	74	-13	0.29	24.8	8.2	8	72	-22	18.62	25.2	-1.7	11.7	77	-9	9.49
2019 Vine	02600N	06612.50E	54963.35	94	55004.34	212102	24	-31	1.7	71	-11	0.28	24.8	4.2	7.1	75	-20	19.3	25.2	-3.2	10	79	-7	9.62
2019 Vine	02600N	06600.00E	54962.21	94	55003.01	212138	24	-37.4	0.7	70	-15	0.28	24.8	4.8	6.2	68	-25	18.05	25.2	-1.7	8.5	75	-13	9.33
2019 Vine	02600N	06587.50E	54972.4	94	55013.39	212214	24	-34.1	-2.1	74	-13	0.3	24.8	-0.6	3.8	73	-23	19.07	25.2	-7.3	6.4	77	-9	9.46
2019 Vine	02600N	06575.00E	54967.21	94	55008.11	212310	24	-38.6	0.7	73	-8	0.29	24.8	-0.6	3.4	82	-15	20.68	25.2	-4.7	5.4	82	-2	9.95
2019 Vine	02600N	06562.50E	54968.14	94	55009.56	212346	24	-32.9	-4.5	72	-10	0.29	24.8	-1.1	1.8	80	-18	20.28	25.2	-5.1	3.8	82	-4	10.05
2019 Vine	02600N	06550.00E	54967.48	94	55009.06	212418	24	-25.1	-2.2	74	-14	0.3	24.8	2.7	0.9	76	-24	19.64	25.2	-1.6	2.8	79	-9	9.67
2019 Vine	02600N	06537.50E	54967.53	94	55009.18	212446	24	-35.9	-4.5	76	-15	0.31	24.8	0.2	-0.3	71	-27	18.77	25.2	-5.6	1.7	76	-12	9.43
2019 Vine	02600N	06525.00E	54971.73	94	55013.54	212530	24	-35.1	-3.1	75	-13	0.3	24.8	-2.7	1	78	-21	20.1	25.2	-6.8	2.7	82	-7	10.02
2019 Vine	02600N	06512.50E	54964.75	94	55006.63	212602	24	-33.9	-1.7	72	-13	0.29	24.8	1	1	80	-20	20.54	25.2	-2.4	1.4	81	-6	9.84
2019 Vine	02600N	06500.00E	54965.54	94	55007.37	212638	24	-32.9	-1.1	82	-11	0.33	24.8	-2.2	0.3	79	-22	20.24	25.2	-6.2	0.7	76	-7	9.34
2019 Vine	02600N	06487.50E	54964.09	94	55005.95	212718	24	-33.5	-4.5	76	-11	0.3	24.8	-5	1.5	80	-16	20.25	25.2	-6.6	1.4	80	-3	9.75
2019 Vine	02600N	06475.00E	54969.7	94	55011.42	212750	24	-30.5	-2.7	77	-13	0.31	24.8	-1.2	1.7	75	-21	19.34	25.2	-1.5	-0.6	81	-8	9.89
2019 Vine	02600N	06462.50E	54966.29	94	55008.06	212822	24	-37.7	-4.2	83	-2	0.33	24.8	-13.2	1.9	84	-13	21.07	25.2	-10	-0.6	82	0	9.97
2019 Vine	02600N	06450.00E	54962.62	94	55004.68	212910	24	-38.9	-4.5	75	-12	0.3	24.8	-10.5	3.6	77	-22	19.73	25.2	-2.6	0	77	-8	9.48
2019 Vine	02600N	06437.50E	54961.4	94	55003.38	212954	24	-38.4	-4.3	78	-10	0.31	24.8	-18.2	7.7	77	-20	19.67	25.2	-13.4	-0.7	81	-6	9.92
2019 Vine	02600N	06425.00E	54952.33	94	54994.26	213038	24	-36.4	-4.9	73	-13	0.29	24.8	-24.2	18.1	75	-21	19.31	25.2	1.9	-1.2	83	-7	10.08
2019 Vine	02600N	06412.50E	54972.06	94	55014.19	213142	24	-18.7	-0.4	77	-8	0.31	24.8	-37.9	49.8	75	-20	19.31	25.2	19.5	-1.7	84	-5	10.22
2019 Vine	02600N	06400.00E	54953.75	94	54995.68	213426	24	-55.6	-6.4	80	-11	0.32	24.8	15.8	-24.1	83	-20	21.25	25.2	-18.6	-0.9	82	-6	9.97
2019 Vine	02600N	06387.50E	54966.65	94	55008.8	213510	24	-44.4	-4.4	78	-10	0.31	24.8	3.7	-12.7	81	-21	20.7	25.2	-7.2	-0.6	82	-6	9.98
2019 Vine	02600N	06375.00E	54965.1	94	55007.17	213542	24	-40.8	0	76	-14	0.3	24.8	-1.9	-9.3	80	-23	20.48	25.2	-11.6	0	85	-8	10.42
2019 Vine	02600N	06362.50E	54970.22	94	55012.39	213618	24	-37.6	-1.7	77	-12	0.31	24.8	3.1	-6.5	81	-19	20.62	25.2	0.3	-0.2	83	-6	10.08
2019 Vine	02600N	06350.00E	54970.69	94	55012.69	213710	24	-37.1	-2.1	78	-9	0.31	24.8	-0.8	-4.5	81	-21	20.87	25.2	-6.6	0.3	79	-6	9.61
2019 Vine	02600N	06337.50E	54975.95	97	55009.36	91142	24	-13.5	-3.1	70	-8	0.28	24.8	0.2	-2.4	72	-20	18.53	25.2	-2.8	1.3	83	-9	10.15
2019 Vine	02600N	06325.00E	54971.57	96	55005.04	91210	24	-17.5	0.3	63	-8	0.25	24.8	-0.9	-0.1	72	-19	18.59	25.2	-1	2.1	83	-8	10.11
2019 Vine	02600N	06312.50E	54972.56	96	55006.06	91250	24	-10.9	-0.6	62	-9	0.25	24.8	-2.1	0	73	-19	18.65	25.2	-6.3	1.9	81	-8	9.95
2019 Vine	02600N	06300.00E	54974.56	97	55008.03	91326	24	-12.5	-2.3	63	-8	0.25	24.8	-6.1	1.8	70	-20	17.99	25.2	-10.1	3.7	83	-9	10.19
2019 Vine	02600N	06287.50E	54978.07	96	55011.62	91358	24	-16.1	4.1	63	-9	0.25	24.8	-6.6	1.4	67	-23	17.5	25.2	-13.1	2	81	-12	9.97
2019 Vine	02600N	06275.00E	54975.31	97	55008.85	91434	24	-17.7	0	65	-8	0.26	24.8	-11	2.6	72	-21	18.67	25.2	-18.1	3.1	82	-9	10.08
2019 Vine	02600N	06262.50E	54973.48	96	55007.14	91514	24	-7.1	-2.4	61	-8	0.24	24.8	-8.9	4.2	78	-14	19.64	25.2	-9.3	2.3	83	-7	10.12
2019 Vine	02600N	06250.00E	54968.25	97	55002.05	91550	24	-17.7	5.6	61	-6	0.24	24.8	-2.7	7.9	70	-25	18.36	25.2	-12.2	2.3	81	-12	9.92
2019 Vine	02600N	06237.50E	54953.15	96	54987.04	91626	24	-9.4	12.5	63	-7	0.25	24.8	-1.6	13.1	72	-20	18.5	25.2	-10.6	3.6	81	-7	9.95
2019 Vine	02600N	06225.00E	54949.9	96	54983.98	91710	24	-20.5	27.5	65	-2	0.26	24.8	-1.7	18.1	77	-19	19.56	25.2	-10.2	3.8	83	-5	10.08
2019 Vine	02600N	06212.50E	54956.49	96	54990.66	91758	24	-35.7	57.5	66	3	0.26	24.8	0.8	28.1	75	-19	19.24	25.2	-13.9	2.3	85	-6	10.33
2019 Vine	02600N	06200.00E	54968.86	97	55003.13	91846	24	-112	69.4	73	21	0.3	24.8	-9.1	39.6	72	-21	18.61	25.2	-25	-2.7	83	-9	10.14

2019 Vine	02600N	06187.50E	54973.57	97	55007.68	91950	24	-115.7	24.9	88	62	0.43	24.8	-19.1	50.7	77	-17	19.48	25.2	-32.9	-4.9	84	-4	10.23
2019 Vine	02600N	06175.00E	53238.15	6	53271.93	92038	24	-5.4	-36.6	127	127	0.71	24.8	-9	-2.2	82	-11	20.45	25.2	-12.8	-2.2	88	0	10.7
2019 Vine	02600N	06162.50E	53737.39	5	53771.11	92130	24	77.2	-54.3	102	105	1.17	24.8	10.9	-49.4	77	-18	19.59	25.2	13.8	1.3	85	-5	10.42
2019 Vine	02600N	06150.00E	54984.61	65	55018.23	92210	24	130.8	-105.7	45	23	0.4	24.8	6.4	-39.3	76	-19	19.28	25.2	15.2	-0.3	82	-6	9.96
2019 Vine	02600N	06137.50E	54989.62	96	55023.23	92254	24	83.8	-102.1	38	9	0.31	24.8	2.5	-30.5	76	-19	19.42	25.2	10.7	-1.3	86	-7	10.53
2019 Vine	02600N	06125.00E	54983.21	96	55016.77	92342	24	27.7	-55.2	68	5	0.27	24.8	-4.3	-19.4	75	-19	19.1	25.2	3.5	1	84	-6	10.29
2019 Vine	02600N	06112.50E	54984.35	96	55018.07	92422	24	4.7	-30.8	65	-1	0.26	24.8	-4.5	-13.3	75	-18	19.11	25.2	5.4	2	81	-5	9.94
2019 Vine	02600N	06100.00E	54982.24	96	55016.14	92458	24	1.8	-27.7	61	-5	0.24	24.8	-7.7	-10.9	70	-21	18.04	25.2	0.4	2.2	80	-9	9.84
2019 Vine	02600N	06087.50E	54995.64	97	55029.6	92534	24	-5.8	-12.9	62	-6	0.24	24.8	-8.2	-8.4	69	-19	17.81	25.2	1.3	2.2	79	-7	9.61
2019 Vine	02600N	06075.00E	54992.45	96	55026.43	92606	24	-13.1	-8.3	60	-7	0.24	24.8	-10.9	-6.9	70	-19	17.9	25.2	-0.4	2.4	78	-6	9.52
2019 Vine	02600N	06062.50E	54996.3	96	55030.43	92642	24	-6.7	-2.5	58	-7	0.23	24.8	-7.2	-3.5	69	-17	17.61	25.2	4.5	3	81	-5	9.89
2019 Vine	02600N	06050.00E	54992.23	97	55026.35	92718	24	-15	7.5	58	-8	0.23	24.8	-2.4	-1.8	68	-19	17.42	25.2	10.4	3.4	75	-6	9.2
2019 Vine	02600N	06037.50E	54992.8	96	55027.05	92754	24	-21.2	19.3	56	-10	0.22	24.8	-6.4	-0.3	65	-21	16.94	25.2	5.7	3.3	73	-8	8.9
2019 Vine	02600N	06025.00E	54992.51	96	55026.96	92826	24	-19.5	19.1	60	-8	0.24	24.8	2.6	1.7	68	-18	17.31	25.2	13.6	3.7	74	-5	9.02
2019 Vine	02600N	06012.50E	54995.13	96	55029.73	92858	24	-44.6	31.8	61	-10	0.24	24.8	-2.2	-0.3	65	-22	17.08	25.2	10	2.4	75	-9	9.18
2019 Vine	02600N	06000.00E	54977.25	97	55011.87	93014	24	-55.5	33.7	59	-10	0.24	24.8	4.3	1.8	59	-24	15.82	25.2	23	2.7	71	-12	8.74
2019 Vine	02300N	06000.00E	54978.5	96	55014.57	93854	24	9.9	-3.6	57	-9	0.23	24.8	0.7	-2.3	75	-18	19.05	25.2	5.2	-3.6	81	-5	9.9
2019 Vine	02300N	06012.50E	54975.1	96	55011.1	93942	24	3	-4.1	60	-11	0.24	24.8	-2.5	-2.7	68	-24	17.99	25.2	1.6	-3.8	82	-11	10.06
2019 Vine	02300N	06025.00E	54976.47	96	55012.56	94014	24	10.7	-6.4	61	-8	0.24	24.8	2.1	-4.1	71	-19	18.34	25.2	4.8	-4.9	79	-7	9.68
2019 Vine	02300N	06037.50E	54979.19	96	55015.43	94038	24	10.4	-6.1	64	-7	0.25	24.8	3.4	-4.6	70	-20	18.17	25.2	6.5	-5.1	77	-6	9.46
2019 Vine	02300N	06050.00E	54977.94	96	55014.26	94114	24	6.9	-10.6	61	-7	0.24	24.8	-4	-6	71	-20	18.36	25.2	3.8	-5.2	81	-8	9.9
2019 Vine	02300N	06062.50E	54985.06	96	55021.53	94150	24	6.1	-11	65	-4	0.25	24.8	-0.1	-7.5	73	-18	18.71	25.2	4.9	-5.3	79	-5	9.63
2019 Vine	02300N	06075.00E	54980.64	97	55017.17	94222	24	9.2	-15.6	64	-6	0.25	24.8	-1	-9.4	74	-19	18.88	25.2	3.9	-5.5	81	-6	9.89
2019 Vine	02300N	06087.50E	54978.57	96	55015.14	94254	24	11.1	-20	65	-3	0.25	24.8	0	-11.6	76	-18	19.27	25.2	6	-5.7	79	-5	9.66
2019 Vine	02300N	06100.00E	54975.64	96	55012.45	94330	24	12	-26.7	66	-2	0.26	24.8	-3.8	-14.8	75	-19	19.22	25.2	3.6	-6.7	81	-7	9.93
2019 Vine	02300N	06112.50E	54972.79	97	55009.85	94406	24	27.4	-50.2	66	1	0.26	24.8	-6.6	-20.3	75	-20	19.27	25.2	-5	-5.8	79	-7	9.67
2019 Vine	02300N	06125.00E	54985.23	96	55022.34	94438	24	40.1	-61.6	67	4	0.26	24.8	-16.1	-26.4	73	-21	18.77	25.2	-12.8	-6.1	78	-8	9.55
2019 Vine	02300N	06137.50E	54982.81	97	55020.03	94518	24	58.5	-93.8	73	21	0.3	24.8	-20.3	-36.5	74	-19	19.04	25.2	-15.8	-7.7	85	-6	10.34
2019 Vine	02300N	06150.00E	54977.2	97	55014.56	94558	24	67.9	-104.4	92	68	0.45	24.8	-29.6	-61.5	78	-17	19.85	25.2	-32.1	-16.1	85	-2	10.31
2019 Vine	02300N	06162.50E	54980.04	46	55017.68	94642	24	80.9	13.5	127	127	0.71	24.8	108	21.8	118	50	31.74	25.2	94.3	9.7	124	90	18.67
2019 Vine	02300N	06175.00E	54981.61	66	55019.44	94722	24	-96.9	31.9	68	80	0.83	24.8	11.5	42.4	37	-10	18.97	25.2	12.9	-6.8	40	-1	9.7
2019 Vine	02300N	06187.50E	54984.91	96	55022.86	94806	24	-131.3	58.7	42	23	0.38	24.8	12	30.5	73	-21	18.77	25.2	3.9	-10.8	77	-6	9.38
2019 Vine	02300N	06200.00E	54984.04	96	55022	94846	24	-64.3	46	36	8	0.29	24.8	18	16.8	74	-21	19.07	25.2	13.4	-11.6	80	-6	9.81
2019 Vine	02300N	06212.50E	54983	96	55020.96	94930	24	-22.3	26.7	67	5	0.26	24.8	12.9	9.2	74	-19	19.05	25.2	4.4	-8.8	79	-5	9.69
2019 Vine	02300N	06225.00E	54986.08	96	55024.01	95014	24	-14.3	15.8	66	3	0.26	24.8	14.4	3.5	74	-21	19.08	25.2	8	-8.8	80	-6	9.8
2019 Vine	02300N	06237.50E	54984.04	96	55021.82	95050	24	-7.9	15.9	67	0	0.26	24.8	11.9	-0.1	75	-22	19.28	25.2	4.8	-8.6	82	-7	9.98
2019 Vine	02300N	06250.00E	54981.93	96	55019.74	95126	24	-4.9	7.9	64	-3	0.25	24.8	15.1	-1.9	75	-22	19.44	25.2	12.6	-7.5	81	-6	9.88
2019 Vine	02300N	06262.50E	54989.06	96	55026.82	95202	24	5	7.3	66	-7	0.26	24.8	14.6	-4.6	75	-21	19.25	25.2	12.2	-8.1	78	-6	9.5
2019 Vine	02300N	06275.00E	54988.19	96	55025.92	95238	24	10.6	2.8	65	-4	0.26	24.8	15.6	-5.6	77	-21	19.67	25.2	11.7	-7.9	80	-5	9.72
2019 Vine	02300N	06287.50E	54979.08	96	55016.7	95314	24	10.4	0.1	67	-7	0.26	24.8	13	-5.9	72	-24	18.71	25.2	8.2	-7	80	-10	9.76
2019 Vine	02300N	06300.00E	54984.23	96	55021.84	95346	24	9.1	0.7	62	-8	0.25	24.8	14.2	-7.4	74	-21	19.19	25.2	6.5	-8.5	82	-7	9.99
2019 Vine	02300N	06312.50E	54987.57	96	55025.15	95418	24	0.3	0.4	70	-9	0.28	24.8	7.2	-8.1	73	-24	19.13	25.2	-0.2	-5.9	78	-9	9.52
2019 Vine	02300N	06325.00E	54978.7	96	55016.42	95446	24	12.6	0	65	-7	0.26	24.8	15.4	-6.5	79	-19	20.17	25.2	13.2	-5.6	80	-4	9.77
2019 Vine	02300N	06337.50E	54983.97	96	55021.68	95518	24	11	-1	64	-8	0.25	24.8	13.6	-8.4	76	-21	19.61	25.2	13	-5.9	79	-6	9.68
2019 Vine	02300N	06350.00E	54976.57	96	55014.32	95554	24	11.3	1.3	70	-8	0.28	24.8	6.9	-10.3	74	-23	19.19	25.2	0.7	-4.2	78	-8	9.56
2019 Vine	02300N	06362.50E	54978.35	96	55016.19	95630	24	9.6	2.8	71	-10	0.28	24.8	13.8	-13.5	71	-24	18.64	25.2	9.8	-5.5	78	-9	9.59

2019 Vine	02300N	06375.00E	54963.67	96	55001.51	95658	24	3	0.3	65	-10	0.26	24.8	16.5	-22.5	72	-25	18.81	25.2	-2.4	-4.5	80	-7	9.73
2019 Vine	02300N	06387.50E	54865.3	96	54903.2	95746	24	7.2	-0.7	66	-10	0.26	24.8	28.5	-48.2	71	-21	18.45	25.2	3.6	-7.4	78	-8	9.5
2019 Vine	02300N	06400.00E	54926.77	96	54964.75	100418	24	12.3	1	69	-6	0.27	24.8	-9.4	37.3	71	-22	18.44	25.2	7.9	2.1	77	-10	9.48
2019 Vine	02300N	06412.50E	54945.2	96	54983.28	100558	24	8.8	1.3	66	-7	0.26	24.8	-3.3	19.1	73	-19	18.67	25.2	8.4	1.1	79	-7	9.66
2019 Vine	02300N	06425.00E	54958.04	96	54996.38	100658	24	3.2	2.9	64	-11	0.26	24.8	-4	14.1	71	-22	18.34	25.2	4.7	0.4	80	-9	9.76
2019 Vine	02300N	06437.50E	54954.34	96	54992.91	100734	24	6.5	-0.5	63	-10	0.25	24.8	-1	14.4	67	-24	17.68	25.2	6.8	3.9	75	-12	9.24
2019 Vine	02300N	06450.00E	54960.05	96	54998.75	100834	24	7.3	1.1	62	-10	0.25	24.8	0.3	11.4	67	-24	17.65	25.2	-1.1	3.2	80	-11	9.86
2019 Vine	02300N	06462.50E	54958.06	96	54997.06	100930	24	6	3.4	67	-3	0.26	24.8	3.8	6.6	81	-8	20.13	25.2	7	1.8	79	2	9.58
2019 Vine	02300N	06475.00E	54961.18	96	55000.48	101046	24	6.8	2.4	59	-12	0.24	24.8	5.2	10	64	-26	17.21	25.2	4.2	4	72	-13	8.86
2019 Vine	02300N	06487.50E	54960.73	96	55000.37	101214	24	11.6	1.9	72	-8	0.28	24.8	-0.1	6.8	63	-24	16.81	25.2	4.6	4.8	76	-11	9.41
2019 Vine	02300N	06500.00E	54956.88	96	54996.85	101326	24	4.5	2.6	57	-13	0.23	24.8	4.1	9	60	-27	16.38	25.2	3.6	4.9	73	-14	9.05
2019 Vine	02300N	06512.50E	54952.98	96	54993.02	101426	24	3.8	3	60	-9	0.24	24.8	3	8	63	-25	16.82	25.2	4.7	5.5	71	-13	8.85
2019 Vine	02300N	06525.00E	54951.98	96	54991.86	101530	24	2.7	5.1	60	-10	0.24	24.8	10.7	6.4	70	-16	17.73	25.2	7.1	4.9	78	-5	9.5
2019 Vine	02300N	06537.50E	54954.41	96	54994.51	101626	24	22.1	6.9	65	1	0.25	24.8	31	7.1	77	-7	19.24	25.2	19.6	4.2	78	5	9.55
2019 Vine	02300N	06550.00E	54955.64	96	54995.91	101810	24	2.8	7	66	-2	0.26	24.8	14.3	6.9	71	-17	17.96	25.2	16.2	5.3	76	-4	9.21
2019 Vine	02300N	06562.50E	54956.52	96	54997	101914	24	5.3	6.1	64	-10	0.25	24.8	15.8	8.9	67	-23	17.58	25.2	2.7	8.8	75	-12	9.3
2019 Vine	02300N	06575.00E	54955.5	96	54995.88	102006	24	5.1	6.9	57	-12	0.23	24.8	14.2	9.5	61	-25	16.44	25.2	7.6	10	76	-12	9.42
2019 Vine	02300N	06587.50E	54956.48	96	54996.92	102102	24	4.1	7	62	-5	0.25	24.8	17.5	8.8	74	-18	18.76	25.2	10.4	8.6	81	-5	9.83
2019 Vine	02300N	06600.00E	54956.94	96	54997.38	102206	24	3.7	4.5	64	-7	0.25	24.8	13.5	6.5	76	-17	19.34	25.2	4.8	8	80	-3	9.71
2019 Vine	02300N	06612.50E	54954.57	96	54995.24	102302	24	7.2	5.8	64	-2	0.25	24.8	11.6	4.1	81	-11	20.17	25.2	8	5.4	80	1	9.75
2019 Vine	02300N	06625.00E	54959.51	96	55000.75	102714	24	19.3	2.8	67	-4	0.26	24.8	21.3	2.9	76	-17	19.33	25.2	23.5	1.6	74	0	9.07
2019 Vine	02300N	06637.50E	54961.52	97	55002.87	102834	24	-2.9	2.5	63	-2	0.25	24.8	12.1	1.2	74	-19	18.99	25.2	4.6	2.6	75	-5	9.2
2019 Vine	02300N	06650.00E	54963.25	96	55004.68	102930	24	8.2	4.7	63	-1	0.25	24.8	18	-0.3	77	-14	19.51	25.2	-1.9	1.2	73	-14	9.05
2019 Vine	02300N	06662.50E	54956.82	96	54998.77	103042	24	9.9	2.9	58	-16	0.24	24.8	13.6	1.2	61	-30	16.94	25.2	9	2.1	71	-16	8.86
2019 Vine	02300N	06675.00E	54955.57	96	54997.98	103146	24	13.5	2.5	64	-8	0.25	24.8	24.3	-1.3	74	-23	19.21	25.2	13.8	-0.5	82	-7	10.04
2019 Vine	02300N	06687.50E	54954.7	96	54997.84	103258	24	1.7	2.8	71	0	0.28	24.8	17.9	-2.2	84	-13	21.07	25.2	9.8	1.3	85	-2	10.32
2019 Vine	02300N	06700.00E	54964.05	95	55007.83	103454	24	7.9	3.7	66	-8	0.26	24.8	19	-0.2	78	-23	20.11	25.2	10	2.4	82	-9	10.05
2019 Vine	02300N	06712.50E	54962.08	96	55005.59	103546	24	6	3.3	72	-3	0.28	24.8	20.4	-2	80	-21	20.53	25.2	4.3	1	82	-7	10.04
2019 Vine	02300N	06725.00E	54956.95	96	54999.89	103630	24	9.6	3.1	66	-5	0.26	24.8	16.7	-1.9	82	-19	20.93	25.2	6.8	2.2	83	-4	10.17
2019 Vine	02300N	06737.50E	54959.09	95	55001.19	103706	24	10.8	5.9	70	1	0.28	24.8	30.8	-0.8	88	-13	22.13	25.2	15.9	0.4	85	1	10.36
2019 Vine	02300N	06750.00E	54962.74	96	55002.92	103818	24	-0.1	5.4	72	-6	0.28	24.8	20.2	-0.2	86	-22	21.99	25.2	6.7	2.7	86	-5	10.45
2019 Vine	06550E	02100.00N	54965.67	96	55010.84	110726	24	22.7	6.4	52	1	0.21	24.8	5.7	1.3	60	35	17.24	25.2	-11	4.9	37	36	6.32
2019 Vine	06550E	02112.50N	54970.33	96	55015.56	110810	24	27.1	9.9	48	6	0.19	24.8	15.4	-0.9	61	36	17.58	25.2	1.7	0.4	73	70	6.16
2019 Vine	06550E	02125.00N	54968.05	96	55013.26	110902	24	33	9.2	49	-3	0.19	24.8	39.6	2.1	43	44	15.19	25.2	18.9	-6.2	36	66	4.59
2019 Vine	06550E	02137.50N	54963.98	96	55009.06	110938	24	24.4	11.3	46	-5	0.18	24.8	34.2	1.1	73	83	13.65	25.2	28.4	-18.9	23	51	3.42
2019 Vine	06550E	02150.00N	54958.64	96	55003.67	111018	24	25	10.2	46	-6	0.18	24.8	53.1	-0.2	60	90	13.36	25.2	5.1	-21.3	18	-43	2.84
2019 Vine	06550E	02162.50N	54969.83	96	55014.89	111114	24	29	13.3	45	-8	0.18	24.8	36.9	4.3	35	97	12.71	25.2	-16.4	-11.5	46	-127	4.12
2019 Vine	06550E	02175.00N	54959.54	97	55004.72	111202	24	10	8.8	47	-7	0.19	24.8	6.2	6	57	90	13.21	25.2	14.5	-3.8	33	60	4.18
2019 Vine	06550E	02187.50N	54963.19	96	55008.37	111322	24	20.1	8	46	-1	0.18	24.8	11.4	1.4	88	84	15.06	25.2	-9.3	2.8	39	67	4.74
2019 Vine	06550E	02200.00N	54963.33	96	55008.23	111414	24	26.8	12.6	46	-3	0.18	24.8	43.6	1.5	83	85	14.69	25.2	34.5	-14.1	33	71	4.8
2019 Vine	06550E	02212.50N	54963.83	97	55008.76	111502	24	24.8	12.7	46	-2	0.18	24.8	31.7	3.3	95	79	15.28	25.2	24.3	-4.2	45	71	5.13
2019 Vine	06550E	02225.00N	54962.97	96	55008.12	111602	24	16.1	9.7	44	2	0.17	24.8	22.2	6.8	92	80	15.08	25.2	12	4.8	44	74	5.24
2019 Vine	06550E	02237.50N	54958.89	96	55004.14	111650	24	25.4	14.8	45	-2	0.18	24.8	37.4	7.6	92	78	14.92	25.2	22.5	0.2	42	70	4.98
2019 Vine	06550E	02250.00N	54951.38	96	54996.7	111746	24	9.1	7.6	48	-3	0.19	24.8	7.7	10.2	95	79	15.31	25.2	1.7	11.8	48	74	5.4
2019 Vine	06550E	02262.50N	54951.54	97	54997.06	111826	24	16.4	9.7	43	0	0.17	24.8	30.8	10.6	90	77	14.62	25.2	25.9	8	41	74	5.17
2019 Vine	06550E	02275.00N	54954.83	96	54999.86	111914	24	15.9	7.2	44	2	0.17	24.8	26.5	12.6	87	79	14.53	25.2	21.8	12	36	71	4.87

2019 Vine	06550E	02287.50N	54954.73	97	54999.48	112002	24	14.4	6.8	47	-2	0.19	24.8	19.1	12.9	94	76	14.94	25.2	15.9	15.3	42	66	4.78
2019 Vine	06550E	02300.00N	54955.9	96	55000.7	112114	24	7.8	5	45	-3	0.18	24.8	7.9	13.8	85	79	14.32	25.2	-7.1	23.4	36	69	4.74
2019 Vine	06550E	02312.50N	54951.75	96	54996.58	112206	24	2.7	4.1	46	-2	0.18	24.8	-7.9	13.9	88	77	14.48	25.2	-8.7	25	39	68	4.79
2019 Vine	06550E	02325.00N	54952.2	96	54997.39	112258	24	14.6	-1.4	46	-3	0.18	24.8	4.9	10.8	79	82	14.08	25.2	0.6	22.5	30	66	4.4
2019 Vine	06550E	02337.50N	54946.45	96	54991.92	112346	24	13.8	2	47	-2	0.18	24.8	-5.5	11.1	74	81	13.63	25.2	-2.5	30.3	27	55	3.73
2019 Vine	06550E	02350.00N	54951.37	96	54997.9	112510	24	9.6	-0.8	44	-5	0.17	24.8	-16.7	11.5	90	84	15.24	25.2	-18.9	27.6	41	70	4.94
2019 Vine	06550E	02362.50N	54960.34	96	55007	112602	24	17.7	0	47	-5	0.18	24.8	8.9	7.4	88	88	15.35	25.2	15.5	13.6	35	69	4.7
2019 Vine	06550E	02375.00N	54945.45	96	54992.02	112642	24	12.2	-0.4	46	0	0.18	24.8	22.8	7.3	107	85	16.96	25.2	20.3	10	61	74	5.85
2019 Vine	06550E	02387.50N	54952.26	95	54998.95	112726	24	20.1	7.7	47	4	0.18	24.8	16.4	8.7	107	89	17.23	25.2	16.2	11.4	54	73	5.55
2019 Vine	06550E	02400.00N	54954.74	96	55001.24	112758	24	17.4	7	46	8	0.18	24.8	37.8	8.5	102	87	16.56	25.2	32.5	5.8	54	76	5.65
2019 Vine	06550E	02412.50N	54958.05	96	55004.63	112842	24	17.3	11.2	47	4	0.18	24.8	13	9	106	84	16.73	25.2	21.8	8.4	59	75	5.78
2019 Vine	06550E	02425.00N	54956.21	96	55003.05	112930	24	14.6	7.6	50	2	0.2	24.8	15.7	8.4	116	83	17.68	25.2	16.5	8.3	64	75	6.01
2019 Vine	06550E	02437.50N	54955.12	96	55002.16	113002	24	18.3	8.1	51	0	0.2	24.8	25.4	7.4	110	82	16.95	25.2	21.8	7.3	58	74	5.74
2019 Vine	06550E	02450.00N	54951.21	96	54998.38	113038	24	16.8	6.4	48	-1	0.19	24.8	16	7.8	102	86	16.51	25.2	14.9	8.8	50	75	5.47
2019 Vine	06550E	02462.50N	54953.34	96	55000.85	113114	24	19.9	5.4	49	-6	0.19	24.8	20.8	7.6	93	92	16.19	25.2	17.7	7.8	38	76	5.17
2019 Vine	06550E	02475.00N	54957.07	96	55005.08	113150	24	14.4	5.6	51	3	0.2	24.8	11.7	5.1	109	88	17.31	25.2	6.9	7.6	58	80	6.01
2019 Vine	06550E	02487.50N	54953.22	96	55001.3	113226	24	18.6	8.4	49	2	0.19	24.8	21.3	4.7	107	89	17.21	25.2	16.6	3.5	50	80	5.77
2019 Vine	06550E	02500.00N	54955.14	96	55003.26	113302	24	19.7	7.5	49	5	0.19	24.8	23.4	2.9	107	89	17.18	25.2	20.1	1.3	52	84	6
2019 Vine	06550E	02512.50N	54953.49	96	55001.49	113338	24	15.6	8.7	46	3	0.18	24.8	29.2	2.3	96	93	16.51	25.2	4.2	4.8	50	84	5.97
2019 Vine	06550E	02525.00N	54953.58	96	55001.39	113422	24	22.5	7.4	49	0	0.19	24.8	30.2	1.1	96	92	16.41	25.2	23.8	-2.8	42	85	5.77
2019 Vine	06550E	02537.50N	54956.57	96	55004.25	113454	24	23.7	6.5	50	2	0.19	24.8	28.9	-1.1	109	90	17.5	25.2	23.5	-5.4	54	85	6.12
2019 Vine	06550E	02550.00N	54956.32	96	55004.11	113526	24	19.8	10.5	49	2	0.19	24.8	28.9	-2.2	112	87	17.48	25.2	22.1	-6.9	59	85	6.29
2019 Vine	06550E	02562.50N	54952.75	96	55000.6	113558	24	17.3	5.1	54	-8	0.21	24.8	22.9	-3.2	105	85	16.71	25.2	17.6	-6.1	52	81	5.86
2019 Vine	06550E	02575.00N	54952.76	95	55000.77	113626	24	29.5	11	48	3	0.19	24.8	38.3	-4.1	118	80	17.58	25.2	31.3	-10.8	65	78	6.18
2019 Vine	06550E	02587.50N	54952.13	96	54999.95	113706	24	29.8	8.2	49	0	0.19	24.8	31	-4.7	108	81	16.62	25.2	24.4	-8.2	56	78	5.85
2019 Vine	06550E	02600.00N	54957.18	96	55005.38	113826	24	14.4	4.2	46	0	0.18	24.8	14.1	-3.8	84	91	15.31	25.2	4.5	-2.8	31	84	5.42
2019 Vine	06550E	02612.50N	54954.09	96	55002.49	113858	24	26	6.8	49	1	0.19	24.8	21.1	-3.7	105	82	16.51	25.2	11	-4.6	53	80	5.85
2019 Vine	06550E	02625.00N	54959.01	95	55007.44	113938	24	23.2	4.8	49	-2	0.19	24.8	31.8	-4.6	103	85	16.49	25.2	23.7	-7.2	49	78	5.61
2019 Vine	06550E	02637.50N	54958.1	96	55006.47	114014	24	21.6	4.4	47	-4	0.19	24.8	24.8	-3.1	86	92	15.57	25.2	10.1	-2.9	31	78	5.11
2019 Vine	06550E	02650.00N	54954.45	95	55003.17	114102	24	22.6	7.1	50	-13	0.2	24.8	29.6	-2.5	61	96	14.1	25.2	22.6	-11.4	9	36	2.27
2019 Vine	06550E	02662.50N	54951.82	95	55000.65	114154	24	28	6.7	49	-8	0.19	24.8	29.2	-3.7	86	92	15.57	25.2	17.8	-6.6	63	127	4.32
2019 Vine	06550E	02675.00N	54957.44	95	55006.54	114246	24	21.9	4.5	48	3	0.19	24.8	24.3	-4.4	102	86	16.42	25.2	10.7	-3.8	50	77	5.58
2019 Vine	06550E	02687.50N	54959.28	95	55008.53	114322	24	27.2	4.5	47	1	0.18	24.8	25.6	-4.9	109	84	17	25.2	8.1	-1.9	57	75	5.75
2019 Vine	06550E	02700.00N	54959.58	96	55009.07	114406	24	24.4	2.8	51	-4	0.2	24.8	20.6	-4.5	92	86	15.63	25.2	15.6	-4.9	40	75	5.15
2019 Vine	06550E	02712.50N	54958.2	95	55008.17	114442	24	33.1	5.6	47	10	0.19	24.8	24.3	-5.3	122	76	17.82	25.2	23.2	-6.9	74	75	6.38
2019 Vine	06550E	02725.00N	54958.81	96	55009.14	114518	24	22.9	2.2	49	-1	0.19	24.8	19.6	-4.4	51	43	16.47	25.2	12.3	-4.3	49	78	5.58
2019 Vine	06550E	02737.50N	54962.83	96	55013.46	114554	24	21.6	2.2	45	2	0.17	24.8	22.2	-4.7	44	44	15.44	25.2	8.8	-1.3	35	75	5.07
2019 Vine	06550E	02750.00N	54965.09	96	55015.85	114634	24	27.9	5.2	48	-6	0.19	24.8	36	-6.3	86	87	15.15	25.2	10.5	-3.1	32	72	4.83
2019 Vine	06550E	02762.50N	54961.28	96	55011.88	114718	24	16.7	1.1	46	1	0.18	24.8	3	-3.1	94	85	15.63	25.2	-3.4	1.8	41	74	5.17
2019 Vine	06550E	02775.00N	54961.62	96	55012.42	114758	24	15.4	-0.1	48	-3	0.19	24.8	-3.6	-2.4	93	87	15.74	25.2	-13.3	7.7	42	79	5.42
2019 Vine	06550E	02787.50N	54971.85	96	55022.69	114830	24	13.6	1.5	52	-12	0.21	24.8	-1.3	-3.1	76	88	14.41	25.2	-14.3	9.7	30	70	4.61
2019 Vine	06550E	02800.00N	54978.61	96	55029.08	114910	24	1.1	-3	46	0	0.18	24.8	-12.3	-2.4	91	82	15.15	25.2	-16.8	7.5	39	71	4.94
2019 Vine	06500E	02800.00N	54957.63	95	55010.31	124238	24	-54.5	0.6	65	-13	0.26	24.8	-39	7.5	83	89	15.09	25.2	-40.4	17.4	33	72	4.85
2019 Vine	06500E	02787.50N	54953.1	95	55005.41	124318	24	-67.1	-2.7	63	-7	0.25	24.8	-35.8	8.3	101	84	16.25	25.2	-38.7	18.4	45	73	5.24
2019 Vine	06500E	02775.00N	54955.92	95	55007.94	124402	24	-65.3	-0.3	63	-4	0.25	24.8	-37	9.1	106	80	16.36	25.2	-18.7	11	57	78	5.85
2019 Vine	06500E	02762.50N	54954.63	94	55006.64	124458	24	-69.7	-1.9	62	-7	0.25	24.8	-36.5	9.5	97	83	15.78	25.2	-40.9	20.9	44	74	5.25

2019 Vine	06500E	02750.00N	54955.18	95	55006.87	124542	24	-66.9	-0.3	64	-10	0.25	24.8	-31.9	9.4	94	85	15.64	25.2	-37.2	20	42	74	5.18
2019 Vine	06500E	02737.50N	54953.55	94	55004.96	124638	24	-67.5	-5.5	64	-7	0.25	24.8	-25.3	8.3	99	84	16.01	25.2	-35.2	18.3	47	70	5.15
2019 Vine	06500E	02725.00N	54958.94	95	55010.11	124730	24	-49.2	-1.6	68	-6	0.27	24.8	-20	5.7	112	75	16.62	25.2	-25	10.8	62	72	5.8
2019 Vine	06500E	02712.50N	54955.11	94	55006.6	124814	24	-70.6	-3.8	63	-3	0.25	24.8	-23.4	5.9	109	77	16.51	25.2	-29.8	12.2	59	75	5.85
2019 Vine	06500E	02700.00N	54954.16	94	55006.5	124858	24	-62.3	1.3	64	-10	0.25	24.8	-18.7	5.6	83	86	14.77	25.2	-22.8	11.8	34	74	4.95
2019 Vine	06500E	02687.50N	54955.18	94	55007.16	124934	24	-63.9	1.9	70	-17	0.28	24.8	-21.8	4.7	68	94	14.34	25.2	-26.6	20.5	16	51	3.29
2019 Vine	06500E	02675.00N	54954.65	94	55005.46	125018	24	-52.5	-1.9	67	-14	0.27	24.8	-25.6	5.2	100	84	16.11	25.2	-29.8	11.8	50	74	5.44
2019 Vine	06500E	02662.50N	54957.78	94	55008.47	125054	24	-57.4	4.4	65	-12	0.26	24.8	-9.3	2.4	80	86	14.54	25.2	-13	3.8	32	74	4.9
2019 Vine	06500E	02650.00N	54954.97	95	55005.33	125138	24	-57.4	3.5	64	-8	0.25	24.8	0.5	1.8	101	85	16.3	25.2	-4.9	0.4	49	77	5.56
2019 Vine	06500E	02637.50N	54956.58	95	55007.08	125214	24	-79	-1.3	65	-7	0.26	24.8	-30.7	4.2	105	84	16.61	25.2	-28.8	6.2	51	75	5.5
2019 Vine	06500E	02625.00N	54956.56	95	55007.08	125258	24	-62.3	-0.4	62	-10	0.25	24.8	3.4	0.3	99	85	16.15	25.2	-5.5	-2	47	76	5.47
2019 Vine	06500E	02612.50N	54950.55	94	55000.76	125342	24	-54.3	2.5	65	-10	0.26	24.8	-12.3	0.8	109	82	16.85	25.2	-19.1	0.5	60	82	6.22
2019 Vine	06500E	02600.00N	54953.79	94	55004.08	125430	24	-58.9	-0.3	63	3	0.25	24.8	-6.9	0.9	125	74	17.97	25.2	-13.6	0.6	90	74	7.07
2019 Vine	06500E	02587.50N	54953.7	94	55004.09	125514	24	-56.7	5	61	-10	0.24	24.8	-15.3	0.9	50	43	16.34	25.2	-18.6	0.4	48	80	5.68
2019 Vine	06500E	02575.00N	54953.74	94	55004.13	125606	24	-50.4	6.2	62	-10	0.25	24.8	-12.7	-1.5	46	44	15.79	25.2	-20	-1.9	38	79	5.33
2019 Vine	06500E	02562.50N	54953.86	94	55004.06	125642	24	-45.9	6.6	64	-12	0.25	24.8	2.9	-2.9	96	86	15.88	25.2	-3	-8.3	44	78	5.45
2019 Vine	06500E	02550.00N	54953.96	95	55003.96	125714	24	-50.3	1.2	64	-8	0.25	24.8	0	-2.2	107	85	16.89	25.2	-5.4	-5.7	58	84	6.22
2019 Vine	06500E	02537.50N	54947.02	94	54996.74	125754	24	-49.5	3.1	65	-13	0.26	24.8	-13.5	-0.5	94	90	16.04	25.2	-16	-2.8	46	87	5.97
2019 Vine	06500E	02525.00N	54949.72	94	54999.22	125834	24	-51.1	5.3	64	-8	0.25	24.8	-10.1	2.9	98	91	16.56	25.2	-10.4	-1.4	45	82	5.71
2019 Vine	06500E	02512.50N	54949.95	94	54999.27	125910	24	-53.1	1.5	65	3	0.26	24.8	-4.9	4.3	120	83	18.03	25.2	-5.4	1.4	73	83	6.73
2019 Vine	06500E	02500.00N	54957.92	94	55006.95	125950	24	-57.6	2.9	63	-9	0.25	24.8	-9.3	7.3	106	88	17.08	25.2	-1.7	2.9	47	83	5.82
2019 Vine	06500E	02487.50N	54956.25	94	55005.18	130034	24	-60.1	0.8	65	-14	0.26	24.8	-13.6	9.6	92	95	16.31	25.2	-10.8	8.1	37	81	5.44
2019 Vine	06500E	02475.00N	54955.39	94	55003.77	130118	24	-64.7	-1	65	-11	0.26	24.8	-18.2	11.8	90	93	15.98	25.2	-15.8	13.3	40	82	5.58
2019 Vine	06500E	02462.50N	54957.46	95	55005.63	130202	24	-56.9	0.6	66	-10	0.26	24.8	-13.8	12.9	104	92	17.14	25.2	9.8	6.7	51	79	5.72
2019 Vine	06500E	02450.00N	54957.52	94	55005.55	130242	24	-55.4	0.2	65	-10	0.26	24.8	-12	14.3	106	88	17.02	25.2	5.9	11.5	49	79	5.63
2019 Vine	06500E	02437.50N	54948.38	94	54996.49	130318	24	-67.4	-3	64	-5	0.25	24.8	-22.6	15.6	120	84	18.04	25.2	-22	21.4	64	78	6.17
2019 Vine	06500E	02425.00N	54952.79	94	55000.67	130358	24	-63.6	0.1	64	-5	0.25	24.8	-23.8	16.1	116	82	17.54	25.2	-19	20.4	62	78	6.09
2019 Vine	06500E	02412.50N	54956.91	94	55004.01	130442	24	-65.8	-1.7	62	-8	0.25	24.8	-14.2	16.8	98	90	16.4	25.2	-14.5	23.2	49	86	6.01
2019 Vine	06500E	02400.00N	54957.96	95	55005.54	130530	24	-61.6	-4	64	-7	0.25	24.8	-16.8	18.2	108	88	17.27	25.2	-20.9	24.9	58	82	6.1
2019 Vine	06500E	02387.50N	54956.67	94	55004.48	130610	24	-76.2	-0.7	62	0	0.24	24.8	-28.5	19.4	117	86	17.94	25.2	-17.2	24.4	65	79	6.25
2019 Vine	06500E	02375.00N	54955.39	94	55002.83	130654	24	-66.4	-0.5	62	-4	0.25	24.8	-26.5	19.2	106	87	16.94	25.2	-25.1	27.9	53	77	5.71
2019 Vine	06500E	02362.50N	54954.94	94	55002.33	130742	24	-57	-2.6	64	-11	0.26	24.8	-20.1	19	94	89	16.01	25.2	-19.2	26.9	43	78	5.44
2019 Vine	06500E	02350.00N	54958.15	94	55005.35	130918	24	-54.4	-4.8	63	-14	0.25	24.8	-16	18.3	91	90	15.74	25.2	-12.8	26.3	41	80	5.47
2019 Vine	06500E	02337.50N	54952.29	94	54999.5	131002	24	-53.2	-4.1	63	-13	0.25	24.8	-23.4	19.4	89	85	15.23	25.2	-25.3	29.4	36	72	4.93
2019 Vine	06500E	02325.00N	54960.3	94	55007.6	131046	24	-51.7	-7.8	67	-22	0.28	24.8	-21.8	18.7	75	86	14.17	25.2	-20.8	30.6	22	67	4.28
2019 Vine	06500E	02312.50N	54958.1	94	55005.18	131142	24	-56.1	-7.7	63	-16	0.26	24.8	-39.6	18.7	81	84	14.44	25.2	-22.1	25.4	31	74	4.88
2019 Vine	06500E	02300.00N	54960.19	95	55007.44	131246	24	-51.9	-5	62	-18	0.26	24.8	-3.1	14.4	81	84	14.41	25.2	-6.3	18.9	33	73	4.87
2019 Vine	06500E	02287.50N	54943.77	95	54990.79	131410	24	-50.1	-3.1	61	-15	0.25	24.8	3.9	11.9	107	74	16.13	25.2	9.1	10.9	78	72	6.49
2019 Vine	06500E	02275.00N	54944.3	94	54991.05	131514	24	-48.4	-2.6	62	-20	0.26	24.8	-29.7	11.4	78	84	14.19	25.2	-12.7	14.4	33	76	5.07
2019 Vine	06500E	02262.50N	54945.53	95	54991.77	131646	24	-50	-0.4	60	-14	0.24	24.8	9.5	9.3	95	79	15.31	25.2	3.9	9.5	49	75	5.46
2019 Vine	06500E	02250.00N	54941.44	95	54987.62	131758	24	-46.5	-1.9	62	-20	0.26	24.8	-6.8	9.3	82	83	14.44	25.2	-17.4	17.1	37	76	5.16
2019 Vine	06500E	02237.50N	54949.42	95	54995.42	131906	24	-45.3	0.2	64	-22	0.27	24.8	-20.9	10.5	75	85	14.01	25.2	-24.5	18.7	30	72	4.76
2019 Vine	06500E	02225.00N	54948.46	95	54994.29	132002	24	-48.4	1.2	61	-18	0.25	24.8	-3.6	7.2	92	78	14.91	25.2	-5.5	5.7	56	74	5.66
2019 Vine	06500E	02212.50N	54945.45	95	54990.81	132050	24	-49.7	3	59	-15	0.24	24.8	-4.1	9.3	82	79	14.09	25.2	-8.7	6.7	39	71	4.9
2019 Vine	06500E	02200.00N	54945.39	94	54990.57	132122	24	-60.3	2.1	59	-9	0.23	24.8	-16	11.2	92	80	15.06	25.2	-18.5	12.1	48	73	5.35
2019 Vine	06500E	02187.50N	54946.91	94	54991.9	132210	24	-44.5	5.6	62	-17	0.25	24.8	2.9	10.5	84	87	14.94	25.2	2.5	5	38	77	5.21

2019 Vine	06500E	02175.00N	54947.85	94	54992.41	132254	24	-50.2	0.9	59	-19	0.24	24.8	-7.9	9.8	89	83	15.13	25.2	-5.5	7.3	49	76	5.5
2019 Vine	06500E	02162.50N	54947.63	94	54992.2	132350	24	-46.4	2.8	59	-16	0.24	24.8	12.1	6.9	70	90	14.18	25.2	3.9	7.7	23	73	4.65
2019 Vine	06500E	02150.00N	54948.84	95	54993.24	132434	24	-35.5	-0.8	63	-23	0.27	24.8	1.1	7.5	68	92	14.14	25.2	-4.9	12.1	22	68	4.35
2019 Vine	06500E	02137.50N	54948.91	94	54993.78	132534	24	-33	1.9	62	-17	0.25	24.8	11.8	5.4	80	88	14.72	25.2	-0.2	4.4	32	66	4.51
2019 Vine	06500E	02125.00N	54946.14	94	54991.14	132622	24	-38.5	1.6	62	-16	0.25	24.8	-3	6	88	82	14.88	25.2	-15.9	10.3	37	64	4.55
2019 Vine	06500E	02112.50N	54948.41	94	54993.5	132714	24	-38.4	0.1	65	-19	0.27	24.8	20.3	7	74	83	13.76	25.2	12.8	1.3	28	64	4.29
2019 Vine	06500E	02100.00N	54956.3	94	55001.57	132758	24	-36.5	0.1	59	-9	0.24	24.8	29.7	7.4	103	79	15.99	25.2	21.2	0.7	53	68	5.22
2019 Vine	06450E	02100.00N	54963.34	95	55007.71	133530	24	71	10.8	61	-20	0.25	24.8	17.9	0	87	82	14.83	25.2	12.6	-3.3	43	75	5.27
2019 Vine	06450E	02112.50N	54963.07	94	55007.11	133622	24	66.7	8.2	62	-18	0.25	24.8	22.3	0.4	87	81	14.65	25.2	12	-1.8	45	76	5.39
2019 Vine	06450E	02125.00N	54960.53	95	55004.61	133722	24	58.3	5.2	63	-25	0.27	24.8	15.6	3.8	74	85	13.98	25.2	10.2	1.4	31	73	4.8
2019 Vine	06450E	02137.50N	54959.27	94	55003.6	133806	24	60.9	9.5	60	-22	0.25	24.8	14	6.6	63	89	13.49	25.2	14.2	2	19	71	4.49
2019 Vine	06450E	02150.00N	54969.13	94	55012.77	133846	24	55.7	3	64	-25	0.27	24.8	11.5	6.8	62	87	13.28	25.2	10.4	5.4	17	65	4.11
2019 Vine	06450E	02162.50N	54962.8	94	55006.95	133954	24	59.4	4.5	62	-25	0.26	24.8	18.3	5.4	46	93	12.8	25.2	6.3	-13	7	-28	1.77
2019 Vine	06450E	02175.00N	54960.69	94	55004.88	134030	24	55.9	4.7	66	-31	0.29	24.8	8.3	4.6	58	94	13.64	25.2	6.1	1.6	28	110	3.46
2019 Vine	06450E	02187.50N	54961.87	95	55005.58	134106	24	62.8	4.3	60	-17	0.24	24.8	13.6	3.3	78	90	14.75	25.2	17.2	-2.7	68	127	4.38
2019 Vine	06450E	02200.00N	54964.75	94	55008.3	134146	24	53.7	8.6	62	-20	0.26	24.8	14.3	3.2	77	88	14.55	25.2	13.6	0	34	78	5.17
2019 Vine	06450E	02212.50N	54958.07	95	55000.82	134218	24	54.6	7.5	63	-20	0.26	24.8	26.3	4.9	63	92	13.79	25.2	29.2	-9.1	18	65	4.14
2019 Vine	06450E	02225.00N	54961.46	94	55003.62	134318	24	62.3	10.5	60	-14	0.24	24.8	22.6	4.8	91	83	15.16	25.2	29.4	-4.7	46	80	5.61
2019 Vine	06450E	02237.50N	54963.14	94	55004.95	134402	24	50.1	7.7	63	-17	0.26	24.8	8.5	6.7	82	82	14.36	25.2	16.6	-1.1	38	73	4.99
2019 Vine	06450E	02250.00N	54961	94	55002.63	134454	24	47.1	9.7	64	-18	0.26	24.8	8.5	7.3	59	92	13.51	25.2	6.2	2.7	26	54	3.65
2019 Vine	06450E	02262.50N	54967.44	95	55008.81	134542	24	53.5	13.9	66	-19	0.27	24.8	13.1	11.4	88	88	15.41	25.2	17.4	2.7	43	74	5.22
2019 Vine	06450E	02275.00N	54973.4	95	55014.63	134630	24	50.7	8.6	65	-24	0.27	24.8	15	13.8	55	90	13.07	25.2	25.4	1	10	48	3
2019 Vine	06450E	02287.50N	54980.78	96	55021.53	134726	24	63.2	6.9	59	-6	0.23	24.8	14.5	10	113	72	16.58	25.2	10.2	6.1	127	127	5.45
2019 Vine	06450E	02300.00N	54974.16	94	55015.13	134810	24	64.2	12.2	63	-12	0.25	24.8	20	10.6	113	74	16.73	25.2	19.2	4.3	67	75	6.13
2019 Vine	06450E	02312.50N	54971.86	94	55013.15	134902	24	66.8	8.5	62	0	0.24	24.8	13	10.3	113	73	16.62	25.2	21.8	3.5	70	72	6.14
2019 Vine	06450E	02325.00N	54972.67	94	55014.71	134954	24	59	9.8	63	-13	0.25	24.8	16.8	9.8	107	81	16.61	25.2	20.6	4.8	65	78	6.2
2019 Vine	06450E	02337.50N	54969.08	94	55011.61	135046	24	55.1	7.3	62	-13	0.25	24.8	9.7	11.1	99	84	16.07	25.2	20.9	5.9	50	78	5.63
2019 Vine	06450E	02350.00N	54968.47	95	55011.48	135318	24	60.6	8.2	67	-16	0.27	24.8	18.5	10.8	92	90	15.86	25.2	9.1	10.6	40	84	5.69
2019 Vine	06450E	02362.50N	54970.66	94	55013.55	135406	24	56.1	7.9	64	-19	0.26	24.8	-16	15.4	85	94	15.68	25.2	-10.8	16.1	35	83	5.52
2019 Vine	06450E	02375.00N	54971.94	95	55014.82	135450	24	54	12.5	66	-16	0.27	24.8	22.9	10.8	87	92	15.66	25.2	21.2	5	37	84	5.6
2019 Vine	06450E	02387.50N	54970.25	94	55013.16	135538	24	49.4	12.4	65	-15	0.26	24.8	12.2	12.6	79	95	15.34	25.2	18.4	6.3	27	78	5.06
2019 Vine	06450E	02400.00N	54963.76	94	55006.58	135622	24	59.1	14.6	62	-8	0.24	24.8	24.9	11.2	84	95	15.63	25.2	30.7	1.3	33	83	5.44
2019 Vine	06450E	02412.50N	54970.9	94	55013.86	135706	24	53.4	12.8	62	-11	0.25	24.8	16.4	10.6	95	92	16.35	25.2	20.7	2.8	43	84	5.78
2019 Vine	06450E	02425.00N	54966.64	94	55009.49	135746	24	59.2	13.7	63	-13	0.25	24.8	25.5	9.5	93	92	16.22	25.2	26	0.5	39	82	5.53
2019 Vine	06450E	02437.50N	54969.2	94	55012.35	135838	24	39.5	7.1	64	-15	0.26	24.8	-0.1	10.4	95	93	16.39	25.2	0.8	5.9	49	85	5.97
2019 Vine	06450E	02450.00N	54964.27	94	55007.47	135918	24	40.6	12.4	63	-14	0.25	24.8	17.5	9.8	95	91	16.28	25.2	25.5	-0.7	44	85	5.82
2019 Vine	06450E	02462.50N	54969.4	94	55012.56	140006	24	45.5	17.1	62	-4	0.25	24.8	7.1	7	120	79	17.77	25.2	12.8	-0.4	71	77	6.38
2019 Vine	06450E	02475.00N	54970.62	94	55013.59	140042	24	53.2	18.1	62	-9	0.25	24.8	24.1	1.9	109	82	16.79	25.2	28	-9.9	61	79	6.1
2019 Vine	06450E	02487.50N	54968.94	94	55011.87	140134	24	39.7	17.8	64	-16	0.26	24.8	10.9	2.5	103	88	16.7	25.2	17.4	-8.1	51	82	5.9
2019 Vine	06450E	02500.00N	54970.86	95	55013.83	140210	24	42.6	16.3	63	-13	0.25	24.8	20	-0.6	105	84	16.61	25.2	23.7	-11.9	56	83	6.07
2019 Vine	06450E	02512.50N	54969.01	95	55011.91	140246	24	32	15.1	65	-15	0.26	24.8	12.9	-3	94	86	15.7	25.2	14.4	-13.6	39	80	5.43
2019 Vine	06450E	02525.00N	54970.38	95	55013.24	140322	24	46.8	18.7	61	-13	0.25	24.8	15.1	-5.3	94	87	15.76	25.2	17.2	-18.5	47	80	5.66
2019 Vine	06450E	02537.50N	54969.23	94	55012.12	140406	24	34.7	15.8	67	-22	0.28	24.8	10.2	-5.7	86	90	15.37	25.2	11.4	-18.6	36	76	5.13
2019 Vine	06450E	02550.00N	54965.52	94	55008.39	140442	24	35.8	16.5	63	-19	0.26	24.8	4	-5	87	89	15.39	25.2	5.9	-17.6	35	74	5
2019 Vine	06450E	02562.50N	54964.77	94	55007.63	140522	24	41.2	17.4	61	-13	0.25	24.8	8.3	-4.5	96	86	15.93	25.2	14.2	-18.9	46	76	5.4
2019 Vine	06450E	02575.00N	54965.58	94	55008.58	140606	24	42.3	13.5	61	-13	0.24	24.8	18.2	-5.6	99	83	16.02	25.2	22.6	-21.2	51	77	5.64

2019 Vine	06450E	02587.50N	54971.49	94	55014.56	140650	24	38.6	13.4	61	-15	0.25	24.8	11.4	-5	90	86	15.44	25.2	12.4	-17.9	41	73	5.1
2019 Vine	06450E	02600.00N	54971.2	94	55014.24	140734	24	42.9	15.7	61	-11	0.24	24.8	11.9	-3.3	98	87	16.25	25.2	17.3	-19.1	44	71	5.1
2019 Vine	06450E	02612.50N	54968.31	94	55011.29	140822	24	46.5	17.2	61	-15	0.25	24.8	19.3	-4	96	85	15.86	25.2	4.1	-12	47	73	5.29
2019 Vine	06450E	02625.00N	54968.33	95	55011.16	140910	24	42	16.3	64	-14	0.26	24.8	2.1	-1	104	81	16.33	25.2	9.6	-9.7	58	75	5.78
2019 Vine	06450E	02637.50N	54969.69	94	55012.39	140950	24	45.9	16.3	61	-11	0.24	24.8	16.7	-1	105	80	16.37	25.2	20.4	-13.3	55	72	5.5
2019 Vine	06450E	02650.00N	54971.92	94	55014.74	141030	24	43.6	11.2	66	-15	0.27	24.8	2.3	0.4	103	83	16.36	25.2	2.3	-5.5	49	69	5.13
2019 Vine	06450E	02662.50N	54970.97	94	55013.83	141114	24	50.7	15	63	-12	0.25	24.8	11.9	0	101	81	16.08	25.2	11.4	-9	50	75	5.48
2019 Vine	06450E	02675.00N	54969.31	94	55012.22	141202	24	44.8	13.6	66	-19	0.27	24.8	11.3	1.5	97	84	15.85	25.2	16.1	-8.1	49	74	5.39
2019 Vine	06450E	02687.50N	54969.15	94	55012.28	141246	24	51	9.4	63	-17	0.26	24.8	6.7	3	93	83	15.41	25.2	14.1	-6.3	45	73	5.23
2019 Vine	06450E	02700.00N	54965.71	94	55008.93	141322	24	46	8.6	65	-19	0.26	24.8	-5.1	4.5	90	88	15.53	25.2	-1.1	2.7	36	71	4.83
2019 Vine	06450E	02712.50N	54973.92	94	55017.08	141406	24	47.4	7.9	66	-17	0.27	24.8	0.9	4.2	88	87	15.32	25.2	-3.9	2.5	42	71	5.05
2019 Vine	06450E	02725.00N	54974.61	95	55017.68	141454	24	48.2	8.2	63	-13	0.25	24.8	7.2	4.4	95	87	15.92	25.2	9.5	-2.3	46	72	5.19
2019 Vine	06450E	02737.50N	54972.52	94	55015.42	141538	24	58.2	10	69	-15	0.28	24.8	2	4.3	102	81	16.12	25.2	-1.9	2.4	50	75	5.5
2019 Vine	06450E	02750.00N	54973.15	94	55016	141610	24	47.6	7.4	64	-15	0.26	24.8	-27.8	7.7	102	89	16.69	25.2	-26.6	11.6	45	75	5.32
2019 Vine	06450E	02762.50N	54966.73	95	55009.48	141646	24	37.7	8.6	65	-11	0.26	24.8	-13	4.9	109	83	16.91	25.2	-15.6	7.1	52	79	5.78
2019 Vine	06450E	02775.00N	54942.46	95	54985.34	141722	24	39.7	4.7	67	-17	0.27	24.8	-31.7	6.6	95	90	16.2	25.2	-30.4	13.5	42	76	5.28
2019 Vine	06450E	02787.50N	54909.15	95	54951.89	141826	24	30.2	9.5	71	-21	0.29	24.8	-91.4	19.3	69	106	15.61	25.2	-119.1	85.2	25	49	3.38
2019 Vine	06450E	02800.00N	54971.13	94	55013.88	141942	24	81.5	-4.6	73	-23	0.3	24.8	152.1	-36.4	42	51	16.47	25.2	147	-90.3	24	71	4.56
2019 Vine	06400E	02800.00N	54869.8	94	54910.12	144946	24	-50.8	-9.4	65	-9	0.26	24.8	26.2	-26.5	58	43	18.01	25.2	32.2	-35.4	64	84	6.45
2019 Vine	06400E	02787.50N	54534.34	94	54574.5	145030	24	-45.2	-13.8	65	-12	0.26	24.8	39.2	-28	57	46	18.19	25.2	45.9	-33.7	56	87	6.3
2019 Vine	06400E	02775.00N	54309.68	94	54349.7	145118	24	-12.8	-15	74	-26	0.31	24.8	103.7	-39	47	57	18.3	25.2	98.5	-64.2	34	93	6.03
2019 Vine	06400E	02762.50N	54376.76	94	54415.99	145418	24	-6.1	-16	70	-18	0.28	24.8	50.3	-33.4	49	51	17.53	25.2	21.7	-26.4	39	81	5.48
2019 Vine	06400E	02750.00N	54732.16	95	54771.23	145458	24	17.2	-14	69	-21	0.28	24.8	82.9	-50.4	47	49	16.9	25.2	34.2	-41.5	41	74	5.15
2019 Vine	06400E	02737.50N	54864.03	94	54903.15	145538	24	22	-20.5	71	-15	0.28	24.8	51.7	-43.2	53	51	18.19	25.2	-18	-15.7	58	81	6.04
2019 Vine	06400E	02725.00N	54892.62	95	54931.65	145626	24	18.1	-18.8	69	-15	0.28	24.8	66	-45.1	52	47	17.39	25.2	1.9	-27	45	76	5.39
2019 Vine	06400E	02712.50N	54890.16	94	54929.15	145718	24	13	-14.3	66	-15	0.26	24.8	55.2	-43	44	47	15.91	25.2	11	-38.5	28	65	4.3
2019 Vine	06400E	02700.00N	54905.59	94	54944.26	145818	24	-10.3	-17	67	-9	0.26	24.8	20.9	-36.9	96	91	16.35	25.2	-26.9	-8.9	44	72	5.11
2019 Vine	06400E	02687.50N	54967.87	94	55006.38	145906	24	14.6	-13.8	68	-20	0.28	24.8	30.6	-37.7	85	91	15.48	25.2	-27.8	-7.6	36	68	4.67
2019 Vine	06400E	02675.00N	54975.43	94	55013.88	145954	24	11.3	-11.1	68	-22	0.28	24.8	43.7	-39.7	86	92	15.52	25.2	-4.4	-21.6	36	65	4.52
2019 Vine	06400E	02662.50N	54973.9	94	55012.27	150046	24	16.4	-12.1	69	-23	0.29	24.8	15.2	-34.2	90	89	15.62	25.2	-41	-2	39	67	4.76
2019 Vine	06400E	02650.00N	54928.28	94	54966.73	150142	24	12	-17.9	68	-18	0.28	24.8	40.5	-38.6	98	85	16.08	25.2	-10.3	-17.5	48	72	5.31
2019 Vine	06400E	02637.50N	54918.72	94	54957.04	150254	24	5.6	-16.6	66	-15	0.27	24.8	6.1	-34.4	104	88	16.76	25.2	-54.9	0.7	49	68	5.1
2019 Vine	06400E	02625.00N	54929.71	95	54967.94	150342	24	-2.3	-18.1	64	-13	0.26	24.8	25.7	-34.8	102	87	16.56	25.2	-23.1	-8	52	72	5.43
2019 Vine	06400E	02612.50N	54956.55	94	54994.71	150422	24	-0.3	-26.4	68	-13	0.27	24.8	12.5	-33.1	104	86	16.74	25.2	-28.8	-4.6	55	75	5.66
2019 Vine	06400E	02600.00N	54957.04	94	54995.12	150510	24	-6.5	-28.2	67	-12	0.27	24.8	5	-31	108	82	16.74	25.2	-35.9	-0.3	57	69	5.46
2019 Vine	06400E	02587.50N	54946.47	95	54984.31	150554	24	-7.6	-23.2	66	-18	0.27	24.8	-4.2	-29.4	94	89	16.01	25.2	-39.1	-1.5	39	70	4.88
2019 Vine	06400E	02575.00N	54926.28	94	54964.14	150638	24	-10.8	-31	70	-18	0.28	24.8	-5.4	-26.5	107	85	16.89	25.2	-42.4	4.8	57	75	5.72
2019 Vine	06400E	02562.50N	54924.1	94	54961.92	150722	24	-11.3	-15.9	69	-22	0.29	24.8	-20.4	-21.1	73	95	14.79	25.2	-56.1	20.5	26	62	4.1
2019 Vine	06400E	02550.00N	54899.54	95	54937.27	150818	24	-4.1	-24.1	67	-17	0.27	24.8	-3.5	-23.2	93	88	15.88	25.2	-35.9	5.5	44	71	5.11
2019 Vine	06400E	02537.50N	54772.39	95	54810.32	150902	24	-18.2	-29.1	67	-13	0.27	24.8	-10.4	-22.9	106	84	16.71	25.2	-42.6	6.4	53	75	5.61
2019 Vine	06400E	02525.00N	54748.8	94	54786.85	151006	24	-19.8	-23.5	70	-24	0.29	24.8	-10.6	-15.6	79	87	14.59	25.2	-31.3	8	27	74	4.79
2019 Vine	06400E	02512.50N	54567.91	94	54605.67	151254	24	-13.5	-42.9	67	-15	0.27	24.8	1.5	-25	101	83	16.16	25.2	-38.4	11.5	53	76	5.63
2019 Vine	06400E	02500.00N	54732.31	94	54769.54	151534	24	-1.5	-40.8	71	-25	0.3	24.8	8.4	-30.7	82	92	15.24	25.2	-21.4	4.4	28	73	4.75
2019 Vine	06400E	02487.50N	54770.22	94	54807.1	151618	24	-0.5	-41.1	70	-22	0.29	24.8	-6.4	-33.2	70	93	14.42	25.2	-19.2	1.5	22	69	4.43
2019 Vine	06400E	02475.00N	54884.46	94	54921.45	151706	24	14.3	-35.3	77	-26	0.32	24.8	41.4	-41.2	70	93	14.42	25.2	-0.9	-5.4	18	67	4.24
2019 Vine	06400E	02462.50N	54901.65	95	54938.66	151750	24	18.6	-41.3	77	-29	0.32	24.8	51.7	-42.3	55	97	13.79	25.2	22.4	-15.4	12	38	2.44

2019 Vine	06400E	02450.00N	54759.99	95	54797.2	151846	24	28.8	-61.8	73	-29	0.31	24.8	32.2	-59.6	72	98	15.08	25.2	-39.2	18.3	51	127	4.15
2019 Vine	06400E	02437.50N	54910.21	94	54946.88	152110	24	-99.2	38.1	68	-16	0.28	24.8	-44.1	46.1	98	90	16.47	25.2	10.4	5	47	87	6.01
2019 Vine	06400E	02425.00N	54924.91	94	54961.47	152154	24	-84.6	32.8	62	0	0.24	24.8	-56.6	49.3	126	76	18.24	25.2	-8.8	8.6	77	75	6.52
2019 Vine	06400E	02412.50N	54994.49	95	55031.42	152246	24	-106.8	53.1	62	-12	0.25	24.8	-53.3	61.5	57	45	17.97	25.2	15.7	5.7	58	80	6.01
2019 Vine	06400E	02400.00N	54941.68	95	54978.49	152330	24	-96	37.3	60	-7	0.24	24.8	-58.7	53.4	59	40	17.61	25.2	1.1	10.6	51	84	5.99
2019 Vine	06400E	02387.50N	55038.99	94	55075.97	152430	24	-92.4	38.9	60	-5	0.24	24.8	-55.1	50	63	40	18.45	25.2	-5.7	11.8	75	80	6.69
2019 Vine	06400E	02375.00N	54915.36	94	54952.63	152526	24	-98.6	44.6	62	-13	0.25	24.8	-46.3	52.2	56	41	17.11	25.2	-0.3	12.5	45	85	5.84
2019 Vine	06400E	02362.50N	54864.7	94	54901.61	152602	24	-90.9	32.1	60	-8	0.24	24.8	-54.7	50.4	55	40	16.85	25.2	-25.4	19.7	59	78	5.97
2019 Vine	06400E	02350.00N	54879.9	95	54917.18	152642	24	-78.7	29.5	61	0	0.24	24.8	-51.7	49.7	62	39	18.04	25.2	-11.7	16.5	66	76	6.1
2019 Vine	06400E	02337.50N	54882.5	94	54919.49	152730	24	-82	29.6	63	-10	0.25	24.8	-38	43.2	59	40	17.68	25.2	7.6	12.4	68	77	6.24
2019 Vine	06400E	02325.00N	54889.25	94	54926.65	152814	24	-96.2	32.2	61	-12	0.24	24.8	-63.4	49.4	59	40	17.59	25.2	-30.5	20.8	64	75	6
2019 Vine	06400E	02312.50N	54940.41	94	54977.56	152858	24	-94	34.5	65	-24	0.27	24.8	-41	47.6	47	45	16.21	25.2	3.3	12.8	42	77	5.35
2019 Vine	06400E	02300.00N	54939.36	94	54975.85	152942	24	-82.4	25	60	-11	0.24	24.8	-52.3	44.4	102	79	15.94	25.2	-17.2	17.9	53	77	5.68
2019 Vine	06400E	02287.50N	54944.08	95	54980.2	153026	24	-80	22.4	65	-10	0.26	24.8	-39.3	39.3	113	77	16.91	25.2	-11.4	17.6	61	73	5.8
2019 Vine	06400E	02275.00N	54936.85	95	54972.27	153102	24	-85.3	33.1	62	-10	0.25	24.8	-45.3	48.9	107	78	16.4	25.2	-2.4	15.3	60	74	5.81
2019 Vine	06400E	02262.50N	54916.34	94	54951.26	153150	24	-91	28.1	65	-20	0.27	24.8	-39.8	47	101	84	16.27	25.2	9.4	12.4	55	75	5.67
2019 Vine	06400E	02250.00N	54914.74	94	54950.34	153246	24	-86.5	32.9	68	-27	0.29	24.8	-48.3	50.6	84	91	15.28	25.2	-7	21.5	32	78	5.14
2019 Vine	06400E	02237.50N	54947.9	94	54984.11	153326	24	-73.8	22.4	63	-20	0.26	24.8	-39.8	39.7	84	87	14.96	25.2	-12.2	20.6	35	74	5
2019 Vine	06400E	02225.00N	54953.35	94	54989.97	153406	24	-76.2	25.3	61	-14	0.25	24.8	-30.3	35.6	102	87	16.64	25.2	-6.8	15.7	55	82	6.02
2019 Vine	06400E	02212.50N	54963.17	94	55000.42	153450	24	-74.6	24.2	69	-32	0.3	24.8	-57.4	42.8	72	94	14.69	25.2	-24.8	29	23	67	4.35
2019 Vine	06400E	02200.00N	54953.48	95	54990.5	153538	24	-68.5	19	63	-25	0.27	24.8	-41.9	36.9	80	91	14.95	25.2	-15.2	18.7	34	75	5.02
2019 Vine	06400E	02187.50N	54957.77	94	54994.16	153626	24	-65.8	10.7	60	-19	0.25	24.8	-43.2	28.3	84	88	15.12	25.2	-30.5	23.3	42	78	5.38
2019 Vine	06400E	02175.00N	54953.45	94	54988.69	153718	24	-65.9	4.6	59	-14	0.24	24.8	-54.9	21.2	96	85	15.81	25.2	-47.4	24.4	49	75	5.46
2019 Vine	06400E	02162.50N	54957.15	94	54992.72	153814	24	-46.9	3.7	61	-23	0.26	24.8	-33.5	14.6	81	85	14.58	25.2	-29.6	14.1	36	71	4.88
2019 Vine	06400E	02150.00N	54965.56	94	55001.06	153858	24	-55.4	1.4	61	-21	0.25	24.8	-44.3	15	86	82	14.64	25.2	-35.4	17	37	77	5.21
2019 Vine	06400E	02137.50N	54964.09	94	55000.17	153942	24	-60.8	-1.9	56	-13	0.23	24.8	-41.4	13.8	87	79	14.56	25.2	-47.2	21.5	43	74	5.24
2019 Vine	06400E	02125.00N	54964.28	95	55000.63	154026	24	-49	1.6	61	-22	0.25	24.8	-45.7	12.5	69	85	13.52	25.2	-38.6	21.1	25	71	4.6
2019 Vine	06400E	02112.50N	54964.37	94	55000.66	154114	24	-38.5	3.4	64	-34	0.29	24.8	-39.3	11	66	87	13.51	25.2	-31.8	18.5	20	67	4.24
2019 Vine	06400E	02100.00N	54963.38	94	54999.53	154158	24	-35.7	3.2	66	-29	0.28	24.8	-33	7.8	37	90	12.07	25.2	-17.8	30.4	10	31	2.02
2019 Vine	06350E	02050.00N	54821.07	97	54855.04	91822	24	-10.7	-14.9	11	48	0.19	24.8	24.8	-10.8	58	32	16.5	25.2	17.5	-12	83	58	6.15
2019 Vine	06350E	02062.50N	54655.52	97	54689.67	91950	24	-15.8	-13.5	12	48	0.19	24.8	36.4	-16.4	59	30	16.44	25.2	19.8	-14.1	79	57	5.91
2019 Vine	06350E	02075.00N	54953.72	96	54988.21	92026	24	-23.6	-13.6	14	53	0.21	24.8	50.6	-20.8	57	29	15.82	25.2	32.5	-18.2	75	56	5.73
2019 Vine	06350E	02087.50N	54938.17	96	54972.86	92058	24	-19	-10.9	12	49	0.2	24.8	46.2	-22	57	30	15.87	25.2	30.9	-16.3	71	53	5.41
2019 Vine	06350E	02100.00N	54885.14	97	54919.69	92134	24	-25.2	-17.5	11	46	0.18	24.8	57.7	-27.7	51	30	14.85	25.2	35.9	-19.8	63	55	5.11
2019 Vine	06350E	02112.50N	54893.28	96	54927.87	92214	24	-26.6	-4.8	9	49	0.2	24.8	45.9	-27.1	50	32	14.65	25.2	23.3	-16	61	58	5.14
2019 Vine	06350E	02125.00N	54853.59	96	54888.26	92250	24	-25.5	-9.3	4	48	0.19	24.8	44.5	-28.3	46	33	14.11	25.2	18.8	-13.3	53	58	4.82
2019 Vine	06350E	02137.50N	54953.59	97	54988.2	92330	24	-29.8	-14.9	0	50	0.2	24.8	29.6	-24.4	68	77	12.72	25.2	6.1	-8.2	27	62	4.15
2019 Vine	06350E	02150.00N	54960.52	97	54995.24	92402	24	-29.1	-8.9	-1	52	0.2	24.8	27.4	-21	69	76	12.77	25.2	7.1	-7	28	62	4.19
2019 Vine	06350E	02162.50N	54973.82	97	55008.79	92434	24	-25.6	-10.5	0	52	0.2	24.8	16.1	-17.2	67	77	12.63	25.2	-5.9	-0.3	28	63	4.21
2019 Vine	06350E	02175.00N	54972.67	96	55007.7	92514	24	-22.6	-4.6	-4	53	0.21	24.8	15.9	-14.7	72	77	13.11	25.2	0.4	-1.4	32	63	4.33
2019 Vine	06350E	02187.50N	54977.81	97	55012.87	92550	24	-20.4	-8	0	50	0.2	24.8	25.5	-14.2	73	77	13.09	25.2	11.3	-5.8	30	61	4.17
2019 Vine	06350E	02200.00N	54982.03	97	55017.25	92622	24	-19.6	-5.1	0	53	0.21	24.8	15.6	-11.8	72	78	13.17	25.2	4.9	-1.6	27	59	3.95
2019 Vine	06350E	02212.50N	54973.18	97	55008.54	92658	24	-17.7	-3.1	-2	55	0.22	24.8	19.6	-11.7	72	77	13.03	25.2	10.5	-5.3	29	62	4.19
2019 Vine	06350E	02225.00N	54976.17	97	55011.54	92734	24	-20.4	-5.3	1	51	0.2	24.8	5.5	-11.8	74	81	13.56	25.2	-0.5	-0.5	27	62	4.12
2019 Vine	06350E	02237.50N	54977.29	97	55012.8	92810	24	-16.9	-3.7	0	53	0.21	24.8	21.8	-11.9	68	78	12.83	25.2	10.5	-7.3	25	63	4.14
2019 Vine	06350E	02250.00N	54977.22	96	55012.68	92854	24	-19.6	-7.5	-4	57	0.23	24.8	12	-12.1	65	82	12.98	25.2	-3.7	-1.7	21	66	4.22

2019 Vine	06350E	02262.50N	54984.84	98	55020.35	92934	24	-14.4	-3.8	-6	56	0.22	24.8	-7.7	-12.4	68	81	13.13	25.2	-7.9	0	24	64	4.17
2019 Vine	06350E	02275.00N	54982.38	97	55018.16	93014	24	-17.2	-5.3	1	50	0.2	24.8	5.8	-11.3	71	82	13.41	25.2	-3.5	-1	24	63	4.12
2019 Vine	06350E	02287.50N	54981.7	97	55017.59	93042	24	-14.6	-5.9	2	55	0.22	24.8	16.2	-11.4	81	78	13.86	25.2	5.7	-4.9	34	63	4.38
2019 Vine	06350E	02300.00N	54979.82	96	55015.71	93114	24	-7.9	-3.9	2	53	0.21	24.8	35.6	-11.1	83	79	14.15	25.2	4.6	-4.5	34	65	4.49
2019 Vine	06350E	02312.50N	54971.89	97	55007.81	93146	24	-15	-6.7	2	53	0.21	24.8	-9.6	-9.9	88	79	14.67	25.2	-0.9	-2	35	63	4.38
2019 Vine	06350E	02325.00N	54975.23	97	55011.36	93226	24	-9	-2.6	3	54	0.21	24.8	24	-10.1	83	76	13.91	25.2	13.1	-5.9	38	67	4.69
2019 Vine	06350E	02337.50N	54977.82	97	55014.02	93302	24	-13.3	-6.3	1	56	0.22	24.8	16.4	-9.6	82	80	14.14	25.2	9.4	-4.1	32	62	4.29
2019 Vine	06350E	02350.00N	54979.32	97	55015.61	93334	24	-13.7	-6.7	2	54	0.21	24.8	14.2	-11.3	85	77	14.17	25.2	5.9	-4.9	40	67	4.77
2019 Vine	06350E	02362.50N	54980.53	97	55016.92	93406	24	-9.5	-5.7	-9	58	0.23	24.8	28.4	-11.9	65	80	12.78	25.2	16.4	-10.6	26	66	4.32
2019 Vine	06350E	02375.00N	54987.05	97	55023.45	93518	24	-17.1	-7.2	0	55	0.22	24.8	15	-14.8	83	76	13.9	25.2	0.7	-7.5	37	63	4.48
2019 Vine	06350E	02387.50N	54980.7	96	55017.04	93550	24	-17.6	-9.4	1	56	0.22	24.8	10.8	-16	83	79	14.15	25.2	-2.9	-8.1	36	64	4.48
2019 Vine	06350E	02400.00N	54979.76	97	55016.2	93618	24	-17.3	-10.5	3	54	0.21	24.8	17.5	-15.4	77	81	13.78	25.2	6.4	-11.8	36	71	4.83
2019 Vine	06350E	02412.50N	54984.27	97	55020.88	93650	24	-6.7	-7.2	3	57	0.23	24.8	25.4	-12.4	89	81	14.86	25.2	14	-11.5	41	67	4.8
2019 Vine	06350E	02425.00N	54981.04	97	55018.03	93826	24	-5.1	-7.4	3	56	0.22	24.8	34.8	-9.2	86	79	14.41	25.2	25.9	-11.8	40	68	4.79
2019 Vine	06350E	02437.50N	54976.57	97	55013.78	93906	24	-11.4	-9.2	-3	56	0.22	24.8	28.1	-8.5	68	81	13.12	25.2	15.4	-9.2	22	61	3.98
2019 Vine	06350E	02450.00N	54976.29	97	55013.63	93950	24	-8.5	-8.9	0	54	0.21	24.8	17.4	-9.3	72	78	13.11	25.2	5.8	-5	28	65	4.34
2019 Vine	06350E	02462.50N	54979	97	55016.35	94018	24	-15.6	-11.4	-1	53	0.21	24.8	15.3	-11.1	65	82	12.95	25.2	1.6	-7.5	18	59	3.78
2019 Vine	06350E	02475.00N	54973.66	96	55010.96	94050	24	-6.9	-9.7	0	55	0.22	24.8	25.7	-10.2	77	76	13.41	25.2	12.6	-9.3	28	61	4.12
2019 Vine	06350E	02487.50N	54970.76	97	55007.95	94134	24	-13.8	-10.5	1	56	0.22	24.8	12.2	-13.1	85	75	14.05	25.2	1.9	-9.2	36	64	4.47
2019 Vine	06350E	02500.00N	54960.35	96	54997.48	94214	24	-10.3	-11.8	3	55	0.22	24.8	10.3	-15	85	75	14	25.2	-4.5	-9.3	36	62	4.37
2019 Vine	06350E	02512.50N	54946.95	96	54984.04	94258	24	-16.2	-14	5	58	0.23	24.8	8	-13.6	86	77	14.33	25.2	-7.5	-6.9	36	59	4.21
2019 Vine	06350E	02525.00N	54950.65	97	54987.83	94330	24	-12.3	-11.4	6	54	0.21	24.8	12	-13.2	97	74	15.04	25.2	1.9	-9.4	47	61	4.66
2019 Vine	06350E	02537.50N	54917.97	97	54955.13	94406	24	-12.3	-13.2	4	57	0.23	24.8	3	-14.3	84	83	14.59	25.2	-11.6	-6	32	56	3.93
2019 Vine	06350E	02550.00N	54937.88	96	54975.07	94438	24	-17.4	-14.1	4	55	0.22	24.8	3	-12.9	86	82	14.73	25.2	-9.3	-4.8	35	58	4.16
2019 Vine	06350E	02562.50N	54978.24	96	55015.53	94510	24	-10.9	-13.9	4	55	0.22	24.8	13.1	-14.9	83	82	14.38	25.2	-2.1	-11.8	33	58	4.11
2019 Vine	06350E	02575.00N	54989.42	97	55026.94	94546	24	-19.4	-15.5	2	57	0.22	24.8	8.8	-12.4	91	82	15.2	25.2	-11.2	-3.1	34	56	4.01
2019 Vine	06350E	02587.50N	54986.39	96	55024.03	94622	24	-13	-12.7	6	56	0.22	24.8	11	-14.1	88	82	14.82	25.2	-6.8	-8.1	35	55	3.98
2019 Vine	06350E	02600.00N	54985.18	97	55022.93	94654	24	-17	-12.2	2	58	0.23	24.8	2.3	-13.3	83	86	14.81	25.2	-11.3	-5.5	35	59	4.18
2019 Vine	06350E	02612.50N	54983.96	97	55021.75	94726	24	-11.2	-13	1	59	0.23	24.8	11	-12.1	83	85	14.68	25.2	-1.4	-9.5	32	56	3.92
2019 Vine	06350E	02625.00N	54988.08	96	55026.03	94758	24	-9.2	-13.2	8	57	0.22	24.8	11.8	-11.8	98	80	15.64	25.2	-0.2	-8.6	46	61	4.67
2019 Vine	06350E	02637.50N	54983.08	96	55021.09	94830	24	-9.9	-13.4	7	57	0.22	24.8	7.9	-12.5	96	81	15.48	25.2	-4.4	-7.8	41	60	4.42
2019 Vine	06350E	02650.00N	54978.09	97	55016.26	94858	24	-20.6	-14.4	3	57	0.22	24.8	-3.5	-11.4	87	83	14.9	25.2	-17.8	-0.3	35	59	4.19
2019 Vine	06350E	02662.50N	54985.34	97	55023.42	94934	24	-20.3	-16.2	-1	61	0.24	24.8	2.3	-13.3	85	86	14.96	25.2	-15.6	-3.6	31	59	4.08
2019 Vine	06350E	02675.00N	54986.74	97	55024.83	95002	24	-12.7	-13.3	8	54	0.21	24.8	6.2	-13.1	94	82	15.39	25.2	-6.5	-8.3	42	62	4.54
2019 Vine	06350E	02687.50N	54982.11	96	55020.25	95050	24	-15.3	-12.5	4	57	0.23	24.8	10.6	-12.9	91	83	15.22	25.2	-1.7	-9.9	36	60	4.29
2019 Vine	06350E	02700.00N	54978.14	96	55016.46	95134	24	-8.8	-16.8	2	57	0.22	24.8	17.9	-14.6	90	87	15.48	25.2	-0.7	-12.1	35	60	4.26
2019 Vine	06350E	02712.50N	54981.61	96	55019.96	95214	24	-13	-15.7	6	61	0.24	24.8	25.1	-14.1	106	79	16.31	25.2	-8.6	-6.4	39	62	4.46
2019 Vine	06350E	02725.00N	54977.07	96	55015.56	95254	24	-12	-11.9	4	55	0.22	24.8	5	-13	87	90	15.47	25.2	-7	-7.2	32	59	4.12
2019 Vine	06350E	02737.50N	54968.54	96	55007.06	95326	24	-9	-12.7	5	58	0.23	24.8	5	-13.6	86	93	15.68	25.2	-9.6	-8.1	30	61	4.17
2019 Vine	06350E	02750.00N	54948.37	97	54986.99	95406	24	-11	-14.2	8	59	0.23	24.8	3.3	-13.9	92	90	15.96	25.2	-11.4	-8.7	35	63	4.43
2019 Vine	06350E	02762.50N	54907.13	97	54945.9	95438	24	1.2	-12.2	6	60	0.24	24.8	5.4	-13.5	97	92	16.51	25.2	-5.9	-10	39	65	4.64
2019 Vine	06350E	02775.00N	54904.64	97	54943.21	95510	24	5.4	-13.6	6	62	0.24	24.8	14.3	-13.6	97	91	16.48	25.2	1.9	-14.7	36	63	4.43
2019 Vine	06350E	02787.50N	54946.73	96	54985.22	95538	24	5.4	-11.3	3	61	0.24	24.8	25.2	-14.5	102	90	16.86	25.2	9.2	-19.4	39	65	4.62
2019 Vine	06350E	02800.00N	54960.92	97	54999.65	95610	24	8.4	-10.8	5	61	0.24	24.8	27.5	-14.9	101	86	16.37	25.2	9.8	-24.4	39	62	4.46
2019 Vine	06350E	02812.50N	54974.53	97	55013.14	95654	24	4.6	-14.9	5	56	0.22	24.8	22.4	-14.2	89	93	15.91	25.2	13	-26.3	29	60	4.07
2019 Vine	06350E	02825.00N	54973.25	96	55011.96	95738	24	6.6	-11.3	2	61	0.24	24.8	42.1	-16.4	89	89	15.55	25.2	29.2	-40.3	28	58	3.95

2019 Vine	06350E	02837.50N	54977.23	96	55015.91	95818	24	4.2	-12	5	58	0.23	24.8	31.8	-15.5	102	86	16.53	25.2	18.6	-29.9	35	58	4.13
2019 Vine	06350E	02850.00N	54980.35	96	55018.96	95902	24	3.9	-10.4	6	59	0.23	24.8	32.4	-15.2	101	87	16.48	25.2	20	-27.9	41	61	4.5
2019 Vine	06350E	02862.50N	54980.99	96	55019.51	100010	24	1.8	-10.5	11	54	0.21	24.8	22.5	-12.9	110	86	17.22	25.2	12.5	-19.7	47	62	4.75
2019 Vine	06350E	02875.00N	54982.17	96	55021.08	100058	24	7.1	-10.3	10	56	0.22	24.8	23.4	-12.8	102	89	16.69	25.2	9	-18.4	41	61	4.48
2019 Vine	06350E	02887.50N	54981.63	97	55020.48	100138	24	3.6	-10	11	54	0.21	24.8	18.4	-9.6	102	88	16.63	25.2	9.7	-13.2	46	62	4.7
2019 Vine	06350E	02900.00N	54979.73	97	55018.74	100230	24	-5.7	-12.4	6	55	0.22	24.8	20.5	-7.9	88	89	15.48	25.2	8	-13	31	53	3.75
2019 Vine	06350E	02912.50N	54981.62	97	55020.66	100510	24	-3.8	-7.6	0	57	0.22	24.8	26.4	-6.7	76	94	15.01	25.2	13.4	-22.4	21	40	2.73
2019 Vine	06350E	02925.00N	54983.02	96	55022.12	100546	24	-6.6	-7.4	6	60	0.24	24.8	29.7	-5.7	104	85	16.63	25.2	17.8	-11.4	91	114	4.42
2019 Vine	06350E	02937.50N	54986.44	97	55025.68	100642	24	-12.6	-9.3	2	54	0.21	24.8	18.8	-6.1	81	91	15.04	25.2	4.9	-9	52	100	3.44
2019 Vine	06350E	02950.00N	54982.78	97	55022.14	100754	24	-15.2	-9.6	8	57	0.22	24.8	13	-1.9	102	84	16.33	25.2	2.7	1.5	86	114	4.33
2019 Vine	06350E	02962.50N	54984.83	97	55024.23	100914	24	-16.2	-10.4	10	54	0.22	24.8	16.8	-4.3	113	81	17.21	25.2	-2.4	3.9	102	116	4.69
2019 Vine	06350E	02975.00N	54981.05	96	55020.36	101002	24	-24.3	-8.9	4	55	0.22	24.8	15.8	-0.9	85	88	15.1	25.2	2.6	10.3	60	103	3.61
2019 Vine	06350E	02987.50N	54970.37	96	55010.13	101142	24	-20.7	-5.5	5	56	0.22	24.8	4.6	4.3	97	84	15.85	25.2	-8.4	24.8	78	111	4.13
2019 Vine	06350E	03000.00N	54973.3	96	55013.12	101218	24	-30.5	-3.1	2	54	0.21	24.8	8.2	6.6	81	88	14.84	25.2	12	29.4	47	81	2.84
2019 Vine	06300E	02800.00N	54960.34	96	55001.2	103410	24	-1.9	-6.7	1	64	0.25	24.8	4.9	-4.4	98	96	16.94	25.2	-10.7	-9.7	61	113	3.91
2019 Vine	06300E	02787.50N	54963.47	96	55004.37	103454	24	6.8	0.4	3	59	0.23	24.8	21.6	-5.3	96	92	16.46	25.2	7.9	-20.4	63	110	3.85
2019 Vine	06300E	02775.00N	54961.57	96	55002.3	103622	24	0.4	-0.9	9	57	0.23	24.8	-0.8	-0.7	108	91	17.51	25.2	-16.1	0.4	85	118	4.42
2019 Vine	06300E	02762.50N	54958.6	96	54999.38	103658	24	-4.6	-4.9	1	63	0.25	24.8	-8.8	-0.6	103	92	17.03	25.2	-26.1	5.5	77	117	4.25
2019 Vine	06300E	02750.00N	54958.33	96	54999.37	103730	24	-6.3	-2.9	11	56	0.22	24.8	-14.1	1.5	113	85	17.51	25.2	-25	6.8	98	122	4.74
2019 Vine	06300E	02737.50N	54955.31	96	54996.49	103802	24	-1.6	-3.4	7	59	0.23	24.8	-6.8	2.5	102	92	16.95	25.2	-13.7	6.3	37	62	4.4
2019 Vine	06300E	02725.00N	54962.03	96	55003.19	103838	24	0.3	-4.3	10	60	0.24	24.8	-4.9	-0.1	118	83	17.8	25.2	-9.9	-1.7	51	66	5.1
2019 Vine	06300E	02712.50N	54962.79	96	55003.89	103914	24	-2.1	-0.9	8	58	0.23	24.8	-3.6	-0.1	110	88	17.44	25.2	-13.8	1	46	66	4.88
2019 Vine	06300E	02700.00N	54962.37	96	55003.78	103946	24	-4.9	-7.1	4	62	0.24	24.8	-18.8	1	99	92	16.73	25.2	-26.1	9.9	34	62	4.3
2019 Vine	06300E	02687.50N	54961.06	96	55002.74	104018	24	-5.3	-3.3	12	57	0.23	24.8	-4.6	0.5	105	91	17.18	25.2	-4.3	-2.4	41	65	4.68
2019 Vine	06300E	02675.00N	54925.49	96	54967.4	104102	24	-3	-3.9	9	56	0.22	24.8	-11.6	-0.1	119	83	17.94	25.2	-20.5	3.2	50	63	4.89
2019 Vine	06300E	02662.50N	54959.23	96	55001.34	104158	24	-9.6	-6.7	8	58	0.23	24.8	-22.3	1.3	106	86	16.88	25.2	-30.5	10.1	39	61	4.4
2019 Vine	06300E	02650.00N	54957.48	95	54999.59	104230	24	-8.1	-6.9	8	55	0.22	24.8	-22.8	2.4	91	90	15.85	25.2	-26.1	13.5	24	54	3.62
2019 Vine	06300E	02637.50N	54962.94	96	55005.29	104306	24	-0.6	-9.9	4	61	0.24	24.8	-14.8	3.5	95	88	16.05	25.2	-21	10.4	33	59	4.13
2019 Vine	06300E	02625.00N	54958.76	96	55001.2	104338	24	-6.6	-10.1	4	58	0.23	24.8	-15.3	1.1	95	89	16.12	25.2	-13.5	4.3	32	57	4.02
2019 Vine	06300E	02612.50N	54960.07	95	55002.46	104418	24	-8.8	-7.7	10	53	0.21	24.8	-6.8	-0.6	96	90	16.24	25.2	-3.7	-2.1	37	64	4.51
2019 Vine	06300E	02600.00N	54961	95	55003.48	104458	24	-2	-1.5	5	58	0.23	24.8	-11.7	1.6	91	90	15.84	25.2	-9.3	2.6	27	54	3.68
2019 Vine	06300E	02587.50N	54959.56	96	55001.99	104626	24	5.5	-2.5	3	58	0.23	24.8	-8.7	3.8	89	94	15.99	25.2	-10.3	10.6	28	58	3.96
2019 Vine	06300E	02575.00N	54947.39	96	54989.76	104706	24	2.1	-3.3	8	58	0.23	24.8	-0.7	2.8	93	89	15.9	25.2	-1.1	3.4	33	63	4.35
2019 Vine	06300E	02562.50N	54947.07	95	54989.46	104738	24	-10.8	-5.5	16	57	0.23	24.8	-22.3	3	124	85	18.52	25.2	-8.1	2.7	49	69	5.18
2019 Vine	06300E	02550.00N	54957.87	95	55000.3	104814	24	-8.6	-5.3	9	57	0.23	24.8	-17.8	1.6	51	44	16.88	25.2	-21.2	9.4	38	63	4.49
2019 Vine	06300E	02537.50N	54954.91	95	54997.34	104846	24	-0.9	-5.3	4	58	0.23	24.8	-14.7	0	46	47	16.41	25.2	-17.6	9.6	30	62	4.2
2019 Vine	06300E	02525.00N	54958.17	96	55000.68	104922	24	-1.6	-3.6	5	59	0.23	24.8	-13.1	0	90	91	15.84	25.2	-19.9	9.2	30	63	4.26
2019 Vine	06300E	02512.50N	54959.56	96	55002.01	104958	24	-10.1	-4.6	1	59	0.23	24.8	-18.7	-2.6	87	89	15.34	25.2	-29.1	9.1	28	62	4.17
2019 Vine	06300E	02500.00N	54960.33	95	55002.68	105030	24	-3.5	-2.1	2	56	0.22	24.8	-8.2	-1.5	83	90	15.16	25.2	-14.9	4.6	22	57	3.71
2019 Vine	06300E	02487.50N	54956.43	96	54998.91	105106	24	-8.2	-7.7	5	54	0.21	24.8	-25.8	-2.6	87	83	14.92	25.2	-26.6	6.5	29	63	4.25
2019 Vine	06300E	02475.00N	54961.31	95	55003.86	105142	24	-3.2	-2.3	5	53	0.21	24.8	-16.4	-0.6	96	86	15.88	25.2	-20.9	7	32	62	4.25
2019 Vine	06300E	02462.50N	54962.01	95	55004.51	105238	24	2.3	-0.3	0	57	0.22	24.8	-5.2	-1.7	82	87	14.78	25.2	-8.2	0.8	23	60	3.95
2019 Vine	06300E	02450.00N	54958.47	96	55000.89	105306	24	-5.3	-2.3	3	55	0.22	24.8	-21.1	-1.4	90	87	15.5	25.2	-25.9	7.3	31	64	4.35
2019 Vine	06300E	02437.50N	54951.87	96	54994.38	105346	24	2.8	-2.4	0	57	0.22	24.8	-2.5	-2.8	85	91	15.41	25.2	-5.2	-3.4	25	68	4.43
2019 Vine	06300E	02425.00N	54949.11	95	54991.7	105418	24	2.4	3.1	3	56	0.22	24.8	-1.2	-0.9	91	91	15.93	25.2	-3.8	-2.3	30	70	4.62
2019 Vine	06300E	02412.50N	54952.99	95	54995.39	105450	24	-2.7	1.5	3	57	0.22	24.8	-8.7	-0.7	95	88	16.02	25.2	-9.4	0.1	34	69	4.68

2019 Vine	06300E	02400.00N	54957.76	96	55000.09	105526	24	6	5.3	3	56	0.22	24.8	0.6	-2.4	86	94	15.79	25.2	-7.7	-0.8	25	66	4.3
2019 Vine	06300E	02387.50N	54955.96	95	54998.35	105558	24	-2.1	3.7	2	61	0.24	24.8	9.3	-2.4	97	91	16.47	25.2	3.7	-6.2	36	67	4.65
2019 Vine	06300E	02375.00N	54966.27	96	55009.06	105714	24	4.2	3.6	1	59	0.23	24.8	-2.2	-1.1	92	92	16.1	25.2	-3.5	-2	28	66	4.4
2019 Vine	06300E	02362.50N	54974.71	96	55017.75	105746	24	-0.8	6	5	56	0.22	24.8	2.7	-2.4	97	90	16.42	25.2	10.4	-10.2	33	66	4.52
2019 Vine	06300E	02350.00N	54956.56	96	54999.92	105830	24	3.2	11.7	7	55	0.22	24.8	4.6	-0.8	99	90	16.51	25.2	5.7	-3.9	35	70	4.78
2019 Vine	06300E	02337.50N	54954.49	95	54997.9	105906	24	1.8	7.9	5	57	0.22	24.8	2	-1.6	105	89	17.05	25.2	4.2	-3.4	39	69	4.87
2019 Vine	06300E	02325.00N	54952.17	95	54995.53	105946	24	3.5	13.6	6	56	0.22	24.8	-2	-0.8	108	89	17.35	25.2	-2.8	-0.3	42	70	4.99
2019 Vine	06300E	02312.50N	54959.63	96	55002.93	110018	24	-1.2	9.8	6	58	0.23	24.8	-4.5	-0.7	108	86	17.14	25.2	1.8	-2.2	44	72	5.13
2019 Vine	06300E	02300.00N	54955.21	95	54998.48	110058	24	3.4	13.7	5	55	0.22	24.8	-1.2	-2.1	101	90	16.71	25.2	-9	0.3	36	69	4.72
2019 Vine	06300E	02287.50N	54957.35	96	55000.54	110134	24	-1.8	8.6	1	60	0.23	24.8	-2.7	-0.6	102	92	16.95	25.2	-7	1.4	37	75	5.08
2019 Vine	06300E	02275.00N	54952.45	95	54995.61	110206	24	2.6	16.8	10	52	0.21	24.8	-8	0.9	108	90	17.39	25.2	-10	4.8	38	70	4.85
2019 Vine	06300E	02262.50N	54952	95	54995.22	110238	24	-2.9	16.4	8	56	0.22	24.8	-0.7	1.4	102	91	16.91	25.2	-2.1	2.9	37	76	5.13
2019 Vine	06300E	02250.00N	54961.81	96	55005.24	110318	24	8.6	15.3	2	59	0.23	24.8	13.8	0	98	94	16.73	25.2	10.7	-3.5	29	69	4.59
2019 Vine	06300E	02237.50N	54951.81	95	54995.48	110354	24	6	14.7	-2	62	0.25	24.8	8.2	1.9	102	94	17.12	25.2	6.3	1.7	31	67	4.52
2019 Vine	06300E	02225.00N	54954.22	95	54998.27	110434	24	1.5	15.9	0	58	0.23	24.8	-6	4.5	95	96	16.71	25.2	-6.8	9.5	25	64	4.2
2019 Vine	06300E	02212.50N	54954.76	95	54999	110510	24	-3.3	16	2	55	0.21	24.8	5.8	-1.3	98	92	16.55	25.2	1.9	-0.2	30	69	4.61
2019 Vine	06300E	02200.00N	54959.36	95	55003.94	110546	24	-1.4	14.4	-5	62	0.24	24.8	-9.8	2.4	94	96	16.62	25.2	-10.4	9.4	25	68	4.43
2019 Vine	06300E	02187.50N	54957.5	95	55002.33	110618	24	-4.4	18.7	3	54	0.21	24.8	-7	0.1	100	91	16.66	25.2	-19.6	7.2	32	72	4.82
2019 Vine	06300E	02175.00N	54957.33	95	55002.36	110654	24	-10.6	12.2	6	53	0.21	24.8	-8.7	0.1	111	85	17.34	25.2	-12.2	2.6	40	70	4.93
2019 Vine	06300E	02162.50N	54951.06	96	54996.18	110734	24	-2	9.1	3	53	0.21	24.8	2.9	-0.5	106	82	16.64	25.2	-8.2	0.4	39	66	4.68
2019 Vine	06300E	02150.00N	54941.57	95	54986.68	110806	24	0	18.2	7	50	0.2	24.8	-6.7	2.9	103	86	16.61	25.2	-9.2	6	34	65	4.48
2019 Vine	06300E	02137.50N	54942.44	95	54987.72	110838	24	6.8	16.9	6	52	0.21	24.8	-3.7	2.7	116	87	17.92	25.2	11.5	-2.5	34	64	4.43
2019 Vine	06300E	02125.00N	54941.36	95	54986.71	110910	24	5.4	17.2	11	55	0.22	24.8	0.8	0.8	127	84	18.74	25.2	-1.7	0.1	54	66	5.21
2019 Vine	06300E	02112.50N	54939.39	95	54984.69	110942	24	9.8	20	13	50	0.2	24.8	1.8	-0.1	64	42	18.93	25.2	0	-1.2	58	70	5.55
2019 Vine	06300E	02100.00N	54936.24	95	54981.33	111018	24	12.9	14.3	12	56	0.22	24.8	5.6	-0.9	74	37	20.42	25.2	5.4	-3.3	94	35	6.11
2019 Vine	06250E	02100.00N	54942.16	94	54987.79	111358	24	17.7	-29.5	3	52	0.2	24.8	50.1	-12.9	58	41	17.62	25.2	34.9	-38.2	33	67	4.54
2019 Vine	06250E	02112.50N	54948.09	95	54993.84	111446	24	15.2	-20	4	51	0.2	24.8	38.6	-7.5	49	45	16.56	25.2	28.4	-29.5	27	65	4.33
2019 Vine	06250E	02125.00N	54949.69	95	54995.62	111526	24	-6.4	-21.3	4	50	0.2	24.8	3.9	-2.6	94	88	15.94	25.2	-12.4	-11.3	29	65	4.36
2019 Vine	06250E	02137.50N	54955.23	96	55001.08	111626	24	1.1	-19.8	1	54	0.21	24.8	25.6	-3.7	104	85	16.58	25.2	12.8	-17.8	35	65	4.49
2019 Vine	06250E	02150.00N	54962.47	96	55008.11	111702	24	-6.5	-18.5	8	49	0.19	24.8	16.2	-1.5	90	87	15.45	25.2	0.5	-11.8	25	62	4.09
2019 Vine	06250E	02162.50N	54967.57	95	55013.48	111738	24	-9.3	-14.1	7	50	0.2	24.8	24.1	-1.7	106	81	16.5	25.2	9.9	-12.8	39	65	4.63
2019 Vine	06250E	02175.00N	54967.57	96	55013.78	111814	24	-17.1	-13.7	2	50	0.2	24.8	13	-0.9	90	89	15.61	25.2	-4.8	-9.1	28	64	4.26
2019 Vine	06250E	02187.50N	54966.45	95	55013.22	111854	24	-17.8	-15.2	2	54	0.21	24.8	8.6	-1.6	104	86	16.63	25.2	-11.9	-6.2	36	66	4.58
2019 Vine	06250E	02200.00N	54978.66	96	55025.66	111930	24	-27.3	-13.5	2	54	0.21	24.8	8.1	-1.4	101	89	16.62	25.2	-13.9	-5.9	35	70	4.78
2019 Vine	06250E	02212.50N	54975.4	95	55022.45	112006	24	-30.2	-5.3	0	56	0.22	24.8	13.1	-1.2	108	88	17.23	25.2	-8.6	-5.5	38	68	4.77
2019 Vine	06250E	02225.00N	54980.14	95	55026.33	112046	24	-24.9	-11.1	-1	57	0.22	24.8	7.2	-0.2	95	93	16.43	25.2	-13.4	-2.9	29	71	4.67
2019 Vine	06250E	02237.50N	54976.98	95	55022.83	112126	24	-21.7	-3	0	58	0.23	24.8	26.7	-1.6	102	90	16.81	25.2	5.1	-7.9	34	68	4.65
2019 Vine	06250E	02250.00N	54971.45	96	55017.8	112202	24	-27.8	-5.3	3	54	0.21	24.8	17.5	-1.2	100	90	16.68	25.2	-7.7	-2.3	33	70	4.69
2019 Vine	06250E	02262.50N	54968.61	95	55015.77	112242	24	-19.8	-6	0	54	0.21	24.8	20.9	-1.9	102	91	16.84	25.2	3.8	-8.9	32	69	4.65
2019 Vine	06250E	02275.00N	54971.32	96	55018.47	112318	24	-14.3	-9.5	0	59	0.23	24.8	20.8	-2.5	94	93	16.31	25.2	2.8	-11.2	27	69	4.49
2019 Vine	06250E	02287.50N	54969.6	96	55016.71	112354	24	-24	-3.6	3	56	0.22	24.8	11.7	-3.6	103	89	16.83	25.2	-5.4	-9.2	35	69	4.73
2019 Vine	06250E	02300.00N	54961.97	96	55009.38	112430	24	-24.2	-1.5	3	56	0.22	24.8	24.7	-4.2	109	90	17.49	25.2	0.9	-11.2	42	75	5.22
2019 Vine	06250E	02312.50N	54956.62	95	55005.12	112542	24	-21.5	0.1	4	52	0.21	24.8	17.4	-3.4	96	88	16.1	25.2	1	-10.9	33	72	4.84
2019 Vine	06250E	02325.00N	54961.78	95	55010.43	112614	24	-15.8	-4.2	2	56	0.22	24.8	18.1	-3.8	98	94	16.75	25.2	1	-12	30	70	4.66
2019 Vine	06250E	02337.50N	54968.73	96	55017.19	112650	24	-15.4	-7.3	1	56	0.22	24.8	17.6	-2.2	95	91	16.31	25.2	3.4	-11.1	33	68	4.61
2019 Vine	06250E	02350.00N	54966.07	95	55014.49	112722	24	-12.9	-1.5	3	55	0.21	24.8	18.1	-2.2	109	89	17.43	25.2	5.3	-12.4	42	74	5.18

2019 Vine	06250E	02362.50N	54960.48	95	55008.9	112758	24	-18.7	-2	2	54	0.21	24.8	20.5	-4.3	107	87	17.05	25.2	7.9	-15.6	41	70	4.94
2019 Vine	06250E	02375.00N	54964.68	95	55013.05	112830	24	-17.6	-5.5	2	58	0.23	24.8	-16.3	2.3	104	90	17.01	25.2	-36.1	7.3	36	70	4.83
2019 Vine	06250E	02387.50N	54960.26	95	55009.12	113058	24	-21.7	-3	6	54	0.21	24.8	-5.7	-2	107	85	16.94	25.2	-20.7	-4.9	43	72	5.1
2019 Vine	06250E	02400.00N	54960.01	95	55009.27	113138	24	-15.1	-2.9	5	56	0.22	24.8	17.1	-6.7	107	86	16.94	25.2	1.9	-16.4	40	72	5.01
2019 Vine	06250E	02412.50N	54962.5	95	55011.68	113226	24	-11.6	0.4	2	61	0.24	24.8	11.7	-4.8	106	85	16.8	25.2	1.3	-14.8	42	72	5.1
2019 Vine	06250E	02425.00N	54966.75	95	55015.91	113258	24	-10.5	1.9	8	54	0.21	24.8	16.6	-3.3	113	83	17.27	25.2	7.2	-15.1	44	65	4.79
2019 Vine	06250E	02437.50N	54963.47	95	55012.64	113334	24	-8.1	4	4	57	0.22	24.8	8.5	-1.2	102	85	16.43	25.2	2.4	-12.7	37	66	4.63
2019 Vine	06250E	02450.00N	54966.67	95	55015.83	113410	24	-20.6	1	4	51	0.2	24.8	9.6	-2.2	96	87	15.99	25.2	-7	-11.6	29	63	4.22
2019 Vine	06250E	02462.50N	54964.22	95	55013.39	113446	24	-22.3	0.8	10	51	0.2	24.8	11.4	-0.4	118	83	17.78	25.2	2.3	-10.7	50	68	5.16
2019 Vine	06250E	02475.00N	54965.5	95	55014.64	113514	24	-13	-1.3	5	58	0.23	24.8	-2	2.4	114	81	17.28	25.2	-12.6	-2.4	46	65	4.87
2019 Vine	06250E	02487.50N	54962.03	95	55011.2	113554	24	-22.2	-0.8	11	49	0.2	24.8	7.4	2.5	112	82	17.18	25.2	-8.4	-5.8	47	68	5.06
2019 Vine	06250E	02500.00N	54960.81	95	55010.04	113630	24	-23.2	-2.2	7	54	0.22	24.8	-5.8	5.5	105	86	16.71	25.2	-20	1.1	36	63	4.45
2019 Vine	06250E	02512.50N	54964.22	95	55013.59	113706	24	-25.2	-5.6	11	51	0.2	24.8	-8.4	4.1	112	86	17.44	25.2	-22.1	-0.5	42	65	4.74
2019 Vine	06250E	02525.00N	54961.12	95	55010.78	113742	24	-30.8	-4.6	8	53	0.21	24.8	-10.7	3.4	107	86	16.94	25.2	-29.1	0.9	41	71	5.01
2019 Vine	06250E	02537.50N	54955.85	96	55005.61	113814	24	-30.4	0	8	53	0.21	24.8	-18.4	2.8	107	90	17.24	25.2	-34.9	2	39	74	5.08
2019 Vine	06250E	02550.00N	54963.97	95	55014.04	113850	24	-30.8	-3.3	11	58	0.23	24.8	-22.3	1.3	111	94	18.01	25.2	-38.7	3.5	40	71	4.98
2019 Vine	06250E	02562.50N	54961.8	95	55012.1	113934	24	-14.5	-0.8	12	60	0.24	24.8	-8.4	7	112	100	18.53	25.2	-16.9	4.4	43	78	5.43
2019 Vine	06250E	02575.00N	54970.62	95	55021.11	114010	24	-16.4	8.1	13	56	0.22	24.8	5.2	5	125	87	18.89	25.2	-3.6	-1.5	58	75	5.77
2019 Vine	06250E	02587.50N	54953	95	55003.33	114046	24	-21.2	6.9	11	53	0.21	24.8	4.1	3.7	63	43	18.88	25.2	-13.6	0.5	55	68	5.36
2019 Vine	06250E	02600.00N	54957.04	96	55007.31	114118	24	-22.1	4.3	18	53	0.22	24.8	-1.4	4.1	62	43	18.76	25.2	-17.5	-1.1	51	65	5.05
2019 Vine	06250E	02612.50N	54962.5	95	55012.83	114146	24	-15.6	1.2	11	55	0.22	24.8	6.8	6.4	57	43	17.79	25.2	-10.1	-0.6	49	72	5.28
2019 Vine	06250E	02625.00N	54964.98	96	55015.32	114226	24	-30.6	6.9	12	50	0.2	24.8	2.4	5.2	64	43	19.1	25.2	-9.3	-1.7	54	66	5.21
2019 Vine	06250E	02637.50N	54962.94	95	55013.24	114302	24	-21.2	5.6	11	51	0.2	24.8	3.6	4.9	58	41	17.62	25.2	-11.7	-2.8	49	69	5.16
2019 Vine	06250E	02650.00N	54968.58	96	55018.82	114334	24	-20.7	2.2	9	54	0.21	24.8	-1.2	5.1	51	45	16.85	25.2	-25.8	3.6	29	60	4.07
2019 Vine	06250E	02662.50N	54962.95	95	55012.96	114406	24	-22.7	3.1	9	53	0.21	24.8	-4.9	5.6	58	43	17.85	25.2	-21.7	-0.6	45	68	4.96
2019 Vine	06250E	02675.00N	54964.21	95	55014.11	114442	24	-32.8	4	9	54	0.22	24.8	-13.3	4.8	60	42	18.08	25.2	-31.5	0.8	51	69	5.25
2019 Vine	06250E	02687.50N	54967.59	95	55017.8	114522	24	-21.1	1.8	5	61	0.24	24.8	-7.5	7.6	59	45	18.42	25.2	-29.3	3.8	46	68	5.01
2019 Vine	06250E	02700.00N	54964.16	96	55014.52	114558	24	-30.1	9.6	8	55	0.22	24.8	2.3	5.3	61	44	18.65	25.2	-21.9	-1.7	53	72	5.43
2019 Vine	06250E	02712.50N	54964.73	95	55015.45	114638	24	-23.6	9.2	6	57	0.22	24.8	7	6.7	57	47	18.22	25.2	-9.8	-4.5	47	72	5.27
2019 Vine	06250E	02725.00N	54968.74	95	55019.67	114710	24	-31.4	13.9	2	56	0.22	24.8	17	7	54	45	17.34	25.2	2.1	-10.6	40	67	4.73
2019 Vine	06250E	02737.50N	54963.67	95	55014.5	114750	24	-42.3	11.4	3	56	0.22	24.8	7.9	9.6	54	46	17.59	25.2	-14.2	-3.7	42	70	4.96
2019 Vine	06250E	02750.00N	54967.02	95	55017.9	114826	24	-22.6	0.3	0	55	0.22	24.8	3	10.4	45	48	16.27	25.2	-25.9	4.6	25	61	4.03
2019 Vine	06250E	02762.50N	54964.21	95	55015.09	114914	24	-28.7	6.1	-3	58	0.23	24.8	-0.9	9.6	97	92	16.51	25.2	-18.3	0.2	31	62	4.23
2019 Vine	06250E	02775.00N	54965.21	95	55016.16	115002	24	-31.9	5.9	-3	59	0.23	24.8	5.7	6.3	97	95	16.78	25.2	-17.7	-4.4	31	64	4.3
2019 Vine	06250E	02787.50N	54968.26	95	55018.99	115038	24	-50.6	15.2	1	54	0.21	24.8	-5.7	7.8	99	88	16.37	25.2	-31.1	3.8	35	65	4.52
2019 Vine	06250E	02800.00N	54970.58	95	55021.29	115118	24	-38	9.1	0	59	0.23	24.8	0.2	4.4	103	92	17.11	25.2	-23.9	-4.6	36	64	4.49
2019 Vine	06215E	02800.00N	54952.92	95	55004.57	115802	24	-74.2	57.7	-16	59	0.24	24.8	-11.8	38.6	107	88	17.21	25.2	-29.6	0.5	41	73	5.1
2019 Vine	06215E	02787.50N	54950.8	95	55002.36	115838	24	-96	54.5	-21	59	0.24	24.8	-1.8	34.4	108	87	17.09	25.2	-25.4	-5.8	42	72	5.07
2019 Vine	06215E	02775.00N	54947.16	95	54998.72	115926	24	-69.3	59.5	-18	59	0.24	24.8	2.5	36.6	101	84	16.22	25.2	-13.7	-5.5	33	70	4.72
2019 Vine	06215E	02762.50N	54948.77	95	55000.33	120006	24	-76.2	52.3	-22	59	0.25	24.8	2.5	34.8	101	89	16.71	25.2	-20.3	-3.4	39	78	5.3
2019 Vine	06215E	02750.00N	54952.42	95	55004.07	120058	24	-78	50.9	-21	57	0.24	24.8	12.1	32.5	94	86	15.8	25.2	-11.6	-7.3	35	77	5.15
2019 Vine	06215E	02737.50N	54946.8	95	54998.49	120154	24	-53.1	49.7	-20	59	0.25	24.8	2.9	33.8	113	86	17.54	25.2	-10.9	-4.8	38	77	5.25
2019 Vine	06215E	02725.00N	54954.41	95	55006.22	120246	24	-57	56.4	-18	58	0.24	24.8	19.7	29.8	109	89	17.37	25.2	-0.3	-8.3	42	76	5.32
2019 Vine	06215E	02712.50N	54949.68	95	55001.64	120346	24	-53.8	55.8	-12	57	0.23	24.8	5.6	27.9	117	84	17.73	25.2	-17.2	-5.3	53	76	5.67
2019 Vine	06215E	02700.00N	54953.04	95	55005.16	120442	24	-64.8	61.3	-17	60	0.25	24.8	18.5	26.7	122	82	18.14	25.2	-16.8	-5.5	54	76	5.7
2019 Vine	06215E	02687.50N	54946.3	95	54998.43	120538	24	-59.7	49	-16	59	0.24	24.8	6.3	32.4	56	42	17.36	25.2	-11.4	-7.6	48	76	5.48

2019 Vine	06215E	02675.00N	54949.53	95	55001.73	120646	24	-33.8	48.4	-9	57	0.23	24.8	3.9	32.9	56	41	17.18	25.2	-17.5	-5	46	69	5.07
2019 Vine	06215E	02662.50N	54947.59	95	54999.69	120750	24	-35.2	54.2	-5	54	0.21	24.8	-0.3	31.2	68	38	19.41	25.2	-25.7	0	58	72	5.64
2019 Vine	06215E	02650.00N	54943.81	95	54995.92	120842	24	-44.7	63.8	-9	57	0.23	24.8	-8.8	32.6	72	34	19.82	25.2	-23.3	0.4	58	70	5.55
2019 Vine	06215E	02637.50N	54950.93	95	55002.85	120950	24	-60.9	64.9	-18	58	0.24	24.8	10.9	30.2	59	42	18.07	25.2	-4.7	-11.1	49	74	5.43
2019 Vine	06215E	02625.00N	54942.34	95	54994.36	121042	24	-32.9	61.7	-19	60	0.25	24.8	10.9	35.7	56	42	17.31	25.2	3.9	-7.3	47	78	5.53
2019 Vine	06215E	02612.50N	54946.91	95	54998.93	121134	24	-57.1	65.6	-27	64	0.27	24.8	19.7	31.6	63	40	18.57	25.2	4.5	-8.6	56	78	5.83
2019 Vine	06215E	02600.00N	54939.37	95	54991.57	121230	24	-54.1	71.3	-33	62	0.27	24.8	13.6	42.2	53	43	16.91	25.2	-6	-4.9	43	83	5.67
2019 Vine	06215E	02587.50N	54929.63	95	54981.89	121318	24	-72.2	64.7	-34	62	0.28	24.8	-4	40.7	63	41	18.76	25.2	-31.6	-0.6	61	78	6.03
2019 Vine	06215E	02575.00N	54931.13	95	54983.58	121414	24	-44.2	43.9	-21	61	0.25	24.8	0	43.9	55	41	17.04	25.2	-31.8	-2.6	45	77	5.43
2019 Vine	06215E	02562.50N	54917.36	95	54969.78	121506	24	-51.4	23	-17	60	0.24	24.8	4.4	43.4	63	38	18.34	25.2	-24.4	-3.5	64	75	5.99
2019 Vine	06215E	02550.00N	54925.57	95	54977.89	121602	24	3.6	-15.4	9	59	0.23	24.8	23.4	43.8	57	43	17.61	25.2	-3.6	-6.1	46	76	5.43
2019 Vine	06215E	02537.50N	54933	95	54985.36	121658	24	-28.5	-21.2	5	56	0.22	24.8	-4.8	34.5	65	40	18.94	25.2	-47.1	-0.1	59	70	5.6
2019 Vine	06215E	02525.00N	54942.82	95	54995.11	121802	24	-11	-19.9	3	56	0.22	24.8	-0.4	29.8	60	40	17.84	25.2	-23.7	-12.2	51	74	5.47
2019 Vine	06215E	02512.50N	54948.83	95	55001.02	121854	24	-22.2	7	-6	55	0.22	24.8	-2.9	34.2	54	41	16.81	25.2	-23.8	-10.8	46	73	5.24
2019 Vine	06215E	02500.00N	54949.83	95	55001.79	121942	24	-27.5	10.7	-14	61	0.24	24.8	5	29.4	58	41	17.53	25.2	-8.2	-11.8	48	72	5.3
2019 Vine	06215E	02487.50N	54944.73	95	54995.52	125622	24	-29.3	34.2	-12	55	0.22	24.8	16.7	28.9	46	43	15.68	25.2	-13.6	-14.7	33	72	4.81
2019 Vine	06215E	02475.00N	54942.71	94	54993.39	125734	24	-30.5	38.2	-12	54	0.22	24.8	19.9	32.3	91	88	15.71	25.2	15	-17.9	26	73	4.7
2019 Vine	06215E	02462.50N	54943.98	95	54994.52	125846	24	-58	42.5	-17	53	0.22	24.8	10.8	31.1	97	85	15.9	25.2	1.1	-13.5	35	77	5.12
2019 Vine	06215E	02450.00N	54948.42	95	54998.87	125922	24	-56.1	42.3	-20	56	0.23	24.8	8.3	29.8	100	86	16.33	25.2	-2.2	-14	36	75	5.05
2019 Vine	06215E	02437.50N	54944.97	95	54995.57	130006	24	-40.5	36.3	-17	55	0.23	24.8	7	30.1	95	86	15.84	25.2	-7	-12.7	31	73	4.82
2019 Vine	06215E	02425.00N	54943.76	95	54994.6	130054	24	-40.7	34.5	-17	55	0.23	24.8	10.8	30.9	89	86	15.3	25.2	-3.7	-14.7	29	80	5.15
2019 Vine	06215E	02412.50N	54943.75	94	54994.77	130142	24	-63.4	35.8	-17	56	0.23	24.8	10.1	28.2	104	84	16.51	25.2	-0.3	-14.7	42	76	5.27
2019 Vine	06215E	02400.00N	54944.75	95	54995.98	130230	24	-54.9	28.7	-12	52	0.21	24.8	6	29.8	101	84	16.24	25.2	-7.5	-12.3	37	73	4.96
2019 Vine	06215E	02387.50N	54946.62	94	54997.86	130338	24	-41.1	13	-13	56	0.22	24.8	-3.9	34.6	85	87	14.98	25.2	-10.7	-5.6	21	69	4.37
2019 Vine	06215E	02375.00N	54942.12	94	54993.24	130422	24	-51.2	26	-13	54	0.22	24.8	-1.4	31.3	101	84	16.24	25.2	-14.3	-6.9	40	74	5.13
2019 Vine	06215E	02362.50N	54937.8	94	54988.93	130522	24	-93.3	31.6	-17	57	0.23	24.8	-2.9	29.1	105	83	16.58	25.2	-3.8	-13.2	19	32	2.31
2019 Vine	06215E	02350.00N	54940.73	95	54991.73	130642	24	-54.3	21.2	-14	52	0.21	24.8	3.1	29.6	91	83	15.28	25.2	-13.7	-7.9	65	127	4.34
2019 Vine	06215E	02337.50N	54939.93	94	54990.8	130730	24	-84.3	25.3	-16	54	0.22	24.8	19	25.9	95	84	15.63	25.2	2.4	-12.2	35	72	4.86
2019 Vine	06215E	02325.00N	54946.56	94	54997.42	130818	24	-65.5	19.2	-13	54	0.22	24.8	6.9	29.6	96	87	16.01	25.2	-7	-5.1	35	68	4.69
2019 Vine	06215E	02312.50N	54945.94	94	54996.8	130918	24	-73.8	34.8	-13	51	0.21	24.8	4.6	26.4	102	83	16.2	25.2	-10.2	-4.3	41	70	4.93
2019 Vine	06215E	02300.00N	54943.36	94	54994.19	131018	24	-94.1	31.4	-20	53	0.22	24.8	11.3	25.3	101	85	16.34	25.2	0	-9.5	40	72	5.04
2019 Vine	06215E	02287.50N	54938.55	95	54989.39	131118	24	-50.2	31.4	-8	50	0.2	24.8	9.2	28.9	92	86	15.58	25.2	-0.6	-5.4	31	71	4.7
2019 Vine	06215E	02275.00N	54938.22	94	54989	131210	24	-70	33.9	-12	51	0.21	24.8	19.2	23.6	94	85	15.68	25.2	7.5	-11.4	35	73	4.92
2019 Vine	06215E	02262.50N	54938.27	94	54989.06	131302	24	-76.7	40.7	-15	51	0.21	24.8	15.3	26.5	101	87	16.45	25.2	2.7	-5.5	41	74	5.12
2019 Vine	06215E	02250.00N	54941.51	95	54992.44	131358	24	-84	34.4	-14	50	0.2	24.8	28.8	21.9	101	85	16.31	25.2	4	-6.7	37	69	4.75
2019 Vine	06215E	02237.50N	54938.4	95	54989.47	131454	24	-65.9	36.1	-11	50	0.2	24.8	16.2	24	101	84	16.26	25.2	4.4	-8	40	69	4.85
2019 Vine	06215E	02225.00N	54942.41	95	54993.71	131542	24	-100.4	44.2	-20	51	0.22	24.8	15	22.1	99	82	15.92	25.2	2.6	-6.6	40	67	4.77
2019 Vine	06215E	02212.50N	54942.47	95	54993.68	131634	24	-75.3	47.4	-11	48	0.19	24.8	11.5	21.8	106	81	16.48	25.2	3	-7.6	44	70	5.03
2019 Vine	06215E	02200.00N	54937.65	94	54988.94	131718	24	-89.8	46	-20	51	0.22	24.8	25.4	18.5	104	78	16.14	25.2	15.7	-13	45	69	5.03
2019 Vine	06215E	02187.50N	54938.68	94	54989.78	131810	24	-69.6	48.8	-17	50	0.21	24.8	16.7	21	103	81	16.21	25.2	9.2	-11.3	40	67	4.73
2019 Vine	06215E	02175.00N	54940.1	95	54991.17	131910	24	-89.8	62.4	-19	48	0.2	24.8	9.2	20.5	112	77	16.84	25.2	6	-11	43	64	4.74
2019 Vine	06215E	02162.50N	54934.9	94	54985.88	132010	24	-73.9	56.5	-18	49	0.21	24.8	32.8	16.7	109	79	16.65	25.2	29.3	-20.5	44	63	4.7
2019 Vine	06215E	02150.00N	54940.52	94	54991.45	132110	24	-59.5	59.6	-14	48	0.2	24.8	32.6	15.5	103	81	16.15	25.2	27	-22.8	40	66	4.7
2019 Vine	06215E	02137.50N	54930.24	94	54981.19	132202	24	-56.2	44.8	-17	50	0.21	24.8	43.3	10.8	93	83	15.43	25.2	28.9	-30.4	32	65	4.46
2019 Vine	06215E	02125.00N	54924.04	94	54975.2	132258	24	-82.3	45.8	-19	50	0.21	24.8	47.2	6.7	106	78	16.2	25.2	29.7	-30.3	45	66	4.86
2019 Vine	06215E	02112.50N	54916.23	94	54967.58	132354	24	-10.7	38.3	-9	48	0.19	24.8	38.3	4.3	81	82	14.25	25.2	28.6	-40.4	21	64	4.11

2019 Vine	06215E	02100.00N	54915.77	95	54966.99	132430	24	-84.2	51.8	-22	49	0.21	24.8	43.5	-2.5	121	73	17.49	25.2	35.4	-41.1	57	63	5.17
2019 Vine	06100E	02100.00N	54922.7	95	54974.36	133118	24	112.4	-55.4	-13	54	0.22	24.8	97.8	-105.2	94	73	14.71	25.2	123.4	-177.1	37	54	3.98
2019 Vine	06100E	02112.50N	54936.21	94	54987.78	133234	24	16.2	-29.2	-11	49	0.2	24.8	20.1	-66.9	31	39	12.36	25.2	-127.6	-200	14	0	0.86
2019 Vine	06100E	02125.00N	54939.98	94	54991.49	133330	24	40.8	-46	-12	51	0.2	24.8	-3.6	-36.2	98	75	15.22	25.2	-0.7	-40.9	73	108	3.96
2019 Vine	06100E	02137.50N	54946.95	95	54998.38	133414	24	17.4	-45.1	-12	51	0.21	24.8	-4.9	-33.3	83	83	14.61	25.2	-15.4	-29	53	98	3.38
2019 Vine	06100E	02150.00N	54951.5	94	55002.89	133454	24	35.1	-50.7	-8	50	0.2	24.8	1.4	-27.8	105	75	15.92	25.2	2.4	-24.9	89	119	4.51
2019 Vine	06100E	02162.50N	54954.62	94	55005.97	133534	24	26.9	-52.7	-9	51	0.2	24.8	-7.3	-24.7	97	77	15.31	25.2	-7.2	-17.6	73	112	4.06
2019 Vine	06100E	02175.00N	54958.42	95	55009.8	133610	24	27.5	-54.5	-7	53	0.21	24.8	-17.1	-21	98	77	15.48	25.2	-17	-7.7	76	116	4.21
2019 Vine	06100E	02187.50N	54957.42	95	55009.02	133658	24	20.6	-57.5	-11	51	0.2	24.8	-8.7	-23.1	97	81	15.59	25.2	-9.2	-12.6	71	119	4.22
2019 Vine	06100E	02200.00N	54964.08	95	55015.72	133734	24	25.9	-59.5	-10	51	0.2	24.8	-17	-19	103	78	16	25.2	-20.9	-2.6	84	118	4.38
2019 Vine	06100E	02212.50N	54960.88	94	55012.41	133822	24	11.5	-56.3	-6	50	0.2	24.8	-10.3	-21.9	102	80	16.01	25.2	-12.6	-9.8	77	116	4.24
2019 Vine	06100E	02225.00N	54962.26	95	55013.98	133902	24	7.4	-53.2	-6	53	0.21	24.8	-15.9	-20.3	105	79	16.26	25.2	-22.2	-3.8	83	116	4.34
2019 Vine	06100E	02237.50N	54952.07	94	55003.81	133946	24	2.9	-52.9	-6	52	0.2	24.8	-11.5	-19.4	106	83	16.66	25.2	-27.1	2.5	84	119	4.43
2019 Vine	06100E	02250.00N	54960.64	94	55012.47	134042	24	10.3	-49.4	-8	53	0.21	24.8	-9	-19.4	111	82	17.08	25.2	-16.3	-4.1	90	121	4.57
2019 Vine	06100E	02262.50N	54967.02	94	55018.9	134126	24	5	-55.3	-7	52	0.21	24.8	-14.3	-17.3	105	87	16.86	25.2	-15.7	-2.1	71	113	4.06
2019 Vine	06100E	02275.00N	54966.04	94	55018.02	134202	24	-0.2	-51.5	-8	58	0.23	24.8	-10.8	-17.5	109	83	16.91	25.2	-10.5	-5.8	86	120	4.49
2019 Vine	06100E	02287.50N	54964.44	94	55016.31	134242	24	9.6	-65.4	-6	53	0.21	24.8	-5.6	-16.9	116	82	17.54	25.2	-6.5	-6.6	95	122	4.69
2019 Vine	06100E	02300.00N	54954.47	94	55006.14	134334	24	5.8	-58.4	-5	56	0.22	24.8	-14.6	-15	118	85	17.97	25.2	-15.5	-1.3	47	62	4.73
2019 Vine	06100E	02312.50N	54955.89	94	55007.41	134406	24	-5.7	-58.1	-3	54	0.21	24.8	-20.7	-14.5	117	85	17.84	25.2	-23	0.9	48	66	4.96
2019 Vine	06100E	02325.00N	54956.73	95	55008.23	134450	24	-5.5	-59.9	-3	52	0.21	24.8	-10.5	-16.5	115	87	17.83	25.2	-9.4	-6	47	66	4.94
2019 Vine	06100E	02337.50N	54959.21	95	55010.73	134530	24	-1.7	-55.7	-3	53	0.21	24.8	-24.8	-12.5	114	86	17.64	25.2	-14.1	0	47	65	4.9
2019 Vine	06100E	02350.00N	54966.21	95	55017.68	134614	24	-7	-60.6	-2	54	0.21	24.8	-16.9	-15.9	117	87	18.03	25.2	-18.1	-1.9	48	68	5.08
2019 Vine	06100E	02362.50N	54964.17	95	55015.85	134702	24	-15.9	-60.9	-4	53	0.21	24.8	-4.7	-19.6	103	91	17.03	25.2	-7.1	-9.6	35	68	4.66
2019 Vine	06100E	02375.00N	54966.66	95	55018.37	134734	24	-9.6	-60.6	-1	54	0.21	24.8	-9.9	-18.9	114	90	17.96	25.2	-12.7	-7.6	45	70	5.07
2019 Vine	06100E	02387.50N	54967.54	95	55019.2	134830	24	2.5	-64.9	-3	55	0.22	24.8	-15.6	-18.6	114	90	17.93	25.2	-16.2	-4.9	44	71	5.09
2019 Vine	06100E	02400.00N	54965.25	94	55016.91	134906	24	-10.5	-58.3	0	54	0.21	24.8	-3.1	-22.4	113	93	18.08	25.2	-7	-11.9	42	71	5.02
2019 Vine	06100E	02412.50N	54964.96	95	55016.63	134942	24	-5.6	-59.5	0	54	0.21	24.8	-9.3	-21.2	110	91	17.65	25.2	-11.3	-8.2	43	72	5.09
2019 Vine	06100E	02425.00N	54950.88	95	55002.62	135022	24	-12.7	-55.8	-2	55	0.21	24.8	-1.8	-22	104	91	17.09	25.2	-3.9	-11.6	37	69	4.74
2019 Vine	06100E	02437.50N	54967.26	95	55019.04	135058	24	-9.4	-56.8	-1	52	0.21	24.8	-10.4	-19.6	103	92	17.1	25.2	-8.6	-6.8	36	71	4.85
2019 Vine	06100E	02450.00N	54964.73	94	55016.59	135142	24	-9.9	-54.2	0	53	0.21	24.8	-8	-19.4	104	93	17.26	25.2	-8.8	-5.1	35	71	4.83
2019 Vine	06100E	02462.50N	54966.8	95	55018.74	135218	24	-19	-51.4	0	54	0.21	24.8	-3.2	-21.4	95	91	16.29	25.2	-2.4	-11.3	29	63	4.23
2019 Vine	06100E	02475.00N	54965.17	95	55017.13	135254	24	-10.9	-46.5	0	57	0.22	24.8	0.8	-20.1	113	88	17.69	25.2	-4.2	-6.6	43	71	5.06
2019 Vine	06100E	02487.50N	54969.85	94	55021.85	135330	24	-12.6	-57.8	2	51	0.2	24.8	-9.4	-20	112	86	17.46	25.2	-14	-5.3	47	71	5.18
2019 Vine	06100E	02500.00N	54965.17	94	55017.17	135418	24	-10.1	-56.6	2	50	0.2	24.8	-0.9	-18.4	113	87	17.57	25.2	-4.9	-3.5	45	66	4.88
2019 Vine	06100E	02512.50N	54967.91	95	55019.91	135458	24	-7.8	-46.5	0	52	0.2	24.8	-7.1	-12.1	101	92	16.85	25.2	-9.5	7.1	37	70	4.84
2019 Vine	06100E	02525.00N	54970.65	94	55022.71	135538	24	-16.8	-36.1	3	52	0.2	24.8	8.9	-11.1	110	82	16.98	25.2	7.4	2.4	42	66	4.74
2019 Vine	06100E	02537.50N	54968.31	94	55020.14	135734	24	-11.4	-34.6	3	53	0.21	24.8	2.1	-10.1	97	87	16.08	25.2	-18.9	13.5	32	64	4.36
2019 Vine	06100E	02550.00N	54976.4	94	55028.21	135810	24	90.3	7.3	48	82	0.38	24.8	-26	-0.5	105	74	15.91	25.2	-93	42.5	31	46	3.43
2019 Vine	06100E	02562.50N	54975.68	95	55027.39	135858	24	-151.6	-31.6	31	73	0.31	24.8	22.8	-33.3	97	78	15.38	25.2	89.8	-47.7	31	50	3.61
2019 Vine	06100E	02575.00N	54979.86	94	55031.56	135954	24	-61.8	-50.8	3	54	0.21	24.8	-0.2	-20.8	105	83	16.61	25.2	30.4	-13	38	58	4.25
2019 Vine	06100E	02587.50N	54977.77	94	55029.42	140042	24	-42.2	-45.7	1	53	0.21	24.8	6.7	-21.8	106	82	16.58	25.2	25.3	-13.3	44	61	4.59
2019 Vine	06100E	02600.00N	54975.98	95	55027.66	140134	24	-12.1	-50.6	-1	53	0.21	24.8	2.3	-21.9	100	88	16.42	25.2	19.9	-13.6	34	59	4.14
2019 Vine	06100E	02612.50N	54978.06	94	55029.71	140222	24	-11.8	-56.2	-1	53	0.21	24.8	-7.2	-20.9	104	84	16.53	25.2	-5.6	-3.6	46	65	4.87
2019 Vine	06100E	02625.00N	54971.92	95	55023.42	140322	24	-1.6	-63.5	-4	54	0.21	24.8	-11.3	-22.6	86	87	15.15	25.2	-2.9	-10.1	28	51	3.53
2019 Vine	06100E	02637.50N	54968.93	95	55020.38	140410	24	-3.1	-50	-12	59	0.24	24.8	-1.6	-26.7	90	87	15.47	25.2	7.1	-18	31	61	4.17
2019 Vine	06100E	02650.00N	54963.19	94	55014.79	140450	24	-2.6	-55.6	-6	57	0.23	24.8	5.5	-29.3	102	90	16.86	25.2	7.1	-19.5	37	64	4.51

2019 Vine	06100E	02662.50N	54964.85	94	55016.54	140550	24	14.5	-66.4	-1	56	0.22	24.8	3.6	-31.1	108	91	17.44	25.2	5.5	-24.6	38	67	4.69
2019 Vine	06100E	02675.00N	54963.56	95	55015.34	140638	24	12.6	-61.7	-7	57	0.22	24.8	-10.9	-26.1	99	95	16.94	25.2	-5.8	-13.1	33	65	4.43
2019 Vine	06100E	02687.50N	54958.76	94	55010.49	140718	24	11.8	-49.2	-9	61	0.24	24.8	12.3	-35.4	97	91	16.45	25.2	6.1	-23.2	37	68	4.72
2019 Vine	06100E	02700.00N	54964.37	95	55016.02	140754	24	25.4	-67	-6	53	0.21	24.8	9.1	-31.9	103	89	16.8	25.2	22.9	-27.8	37	70	4.83
2019 Vine	06100E	02712.50N	54963.86	95	55015.44	140830	24	17.1	-63	-6	55	0.22	24.8	16.3	-35.2	97	84	15.85	25.2	23.6	-34.2	31	60	4.15
2019 Vine	06100E	02725.00N	54965.46	94	55017.22	140906	24	18.6	-63	-6	55	0.22	24.8	1.4	-30.7	108	84	16.94	25.2	5.5	-20.5	40	65	4.68
2019 Vine	06100E	02737.50N	54964.33	94	55016.12	140946	24	19	-68.2	-4	53	0.21	24.8	6.6	-30.9	108	85	17.01	25.2	8.8	-23.4	38	66	4.61
2019 Vine	06100E	02750.00N	54969.48	95	55021.24	141026	24	-5.4	-51.4	-5	54	0.21	24.8	6.9	-30.8	97	88	16.27	25.2	20.5	-33.3	28	56	3.81
2019 Vine	06100E	02762.50N	54968.68	94	55020.51	141118	24	12	-59.6	0	54	0.21	24.8	-8.6	-25.7	112	85	17.38	25.2	-1.9	-13.1	48	69	5.11
2019 Vine	06100E	02775.00N	54972.78	94	55024.66	141206	24	12.1	-55	-3	57	0.22	24.8	4.7	-26.6	114	85	17.61	25.2	10.9	-17.9	46	67	4.94
2019 Vine	06100E	02787.50N	54974.7	94	55026.57	141242	24	36.9	-64.6	2	54	0.21	24.8	14.5	-25.2	127	73	18.09	25.2	21.6	-14.9	83	68	6.55
2019 Vine	06100E	02800.00N	54979.58	94	55031.44	141334	24	62.2	-73.9	2	50	0.2	24.8	-6.6	-16.5	92	-18	23.25	25.2	0.3	-3.6	127	-3	7.74
2019 Vine	06560E	3800N	54978.41	97	54775.92	91314	21.4	-21.6	4	76	60	0.86	24.8	-8.8	-0.2	25	70	0.57	25.2	-17.2	3.1	25	92	5.77
2019 Vine	06560E	3805N	54980.54	97	54778.03	91502	21.4	-15.4	2.1	81	72	0.97	24.8	-18.2	0.8	19	70	0.56	25.2	-18.3	3.8	27	86	5.52
2019 Vine	06560E	3795N	54982.44	98	54780.34	91642	21.4	9.3	-1.6	99	75	1.11	24.8	9.2	-0.5	27	74	0.6	25.2	9.4	-2.5	36	87	5.75
2019 Vine	06560E	3790N	54974.39	97	54772.41	91714	21.4	-0.1	-0.2	106	79	1.18	24.8	3.9	-0.9	30	70	0.59	25.2	-2.8	-2.4	45	88	6.04
2019 Vine	06560E	3785N	54976.81	98	54774.65	91750	21.4	7	-2.2	91	91	1.14	24.8	0.3	-0.1	15	72	0.57	25.2	-0.2	-3.2	24	89	5.61
2019 Vine	06560E	3780N	54981.22	98	54779.07	91838	21.4	22.6	-5.8	104	89	1.22	24.8	19.4	-1.7	22	72	0.58	25.2	24.3	-4.9	31	85	5.48
2019 Vine	06560E	3775N	54979.41	98	54777.44	91922	21.4	7.3	-1.2	110	91	1.28	24.8	13	-3.7	26	72	0.59	25.2	15.8	-7.6	30	87	5.61
2019 Vine	06560E	3770N	54972.71	98	54770.86	91946	21.4	-5.1	-0.3	111	93	1.3	24.8	6.2	-4.7	20	76	0.6	25.2	7.2	-7.3	27	85	5.45
2019 Vine	06560E	3765N	54973.29	98	54771.61	92026	21.4	2.7	-1	109	95	1.29	24.8	9.2	-6.9	20	75	0.59	25.2	9.7	-10.5	22	87	5.49
2019 Vine	06560E	3760N	54980.76	98	54778.68	92050	21.4	-6.8	0.1	106	94	1.26	24.8	0.8	-5.5	16	70	0.55	25.2	1.4	-9.2	24	89	5.62
2019 Vine	06560E	3755N	54982.24	97	54780.13	92130	21.4	3.4	-2	95	101	1.24	24.8	10.1	-6.7	6	72	0.55	25.2	10.3	-11.2	10	81	4.98
2019 Vine	06560E	3750N	54979.77	97	54778.26	92202	21.4	6.7	-2.6	108	98	1.3	24.8	13.9	-5.3	15	70	0.55	25.2	17.1	-10.6	26	86	5.44
2019 Vine	06560E	3745N	54973.77	97	54772.5	92230	21.4	8.3	-3.6	109	103	1.34	24.8	14.9	-6.6	13	74	0.57	25.2	8.4	-10.2	25	87	5.51
2019 Vine	06560E	3740N	54978.8	98	54777.59	92254	21.4	8.8	-0.8	114	98	1.34	24.8	15.5	-5.9	17	74	0.58	25.2	10.8	-10.1	27	86	5.47
2019 Vine	06560E	3735N	54989.13	98	54787.59	92322	21.4	3.3	-2.6	93	106	1.26	24.8	6.1	-5.3	2	72	0.55	25.2	0.6	-9.3	7	85	5.16
2019 Vine	06560E	3730N	54989.62	98	54787.89	92354	21.4	13.2	-3.7	99	105	1.29	24.8	24.8	-4.3	3	69	0.53	25.2	24.2	-11.5	6	87	5.33
2019 Vine	06560E	3725N	54993.25	98	54791.16	92430	21.4	16.6	-5.2	102	107	1.31	24.8	19.5	-5.4	7	71	0.55	25.2	23.1	-11.4	7	85	5.2
2019 Vine	06560E	3720N	54991.36	98	54789.34	92458	21.4	17	-5.4	114	102	1.36	24.8	22.4	-5.4	11	71	0.55	25.2	21.9	-11.7	18	88	5.49
2019 Vine	06560E	3715N	54988.04	97	54786.07	92526	21.4	0.5	-0.6	101	112	1.34	24.8	16.3	-6.9	0	73	0.56	25.2	13.1	-13.2	4	87	5.29
2019 Vine	06560E	3710N	54982.04	97	54779.83	92602	21.4	8.4	-2.6	107	111	1.38	24.8	21	-5.9	8	71	0.55	25.2	22.2	-12.3	12	89	5.44
2019 Vine	06560E	3705N	54988.17	97	54785.92	92634	21.4	5.6	-1.6	104	115	1.38	24.8	21.5	-5.8	0	74	0.57	25.2	24.1	-12.8	7	89	5.42
2019 Vine	06560E	3700N	54981.64	97	54779.48	92706	21.4	7.9	-0.9	122	108	1.45	24.8	31.6	-4.9	17	71	0.56	25.2	31.3	-11.6	27	88	5.61
2019 Vine	06560E	3695N	54984.42	97	54782.26	92734	21.4	4.2	-1.3	61	55	1.48	24.8	20.8	-2.3	9	75	0.58	25.2	21	-8.3	18	91	5.67
2019 Vine	06560E	3690N	54982.27	98	54780.17	92802	21.4	28.6	-6.7	57	56	1.43	24.8	34.1	-0.7	1	71	0.54	25.2	40	-8.6	5	91	5.56
2019 Vine	06560E	3685N	54977.95	97	54776.14	92902	21.4	16.1	-2.3	53	60	1.43	24.8	28.8	-1.6	1	75	0.57	25.2	33.3	-8.9	1	94	5.69
2019 Vine	06560E	3680N	54968.91	98	54767.26	92934	21.4	22.7	-3.5	65	58	1.56	24.8	42.5	2.4	17	77	0.61	25.2	50.4	-4.7	26	93	5.85
2019 Vine	06560E	3675N	54949.79	97	54748.33	93002	21.4	13.3	-0.1	77	54	1.68	24.8	21.7	3.7	29	76	0.63	25.2	27.4	-2.1	38	93	6.12
2019 Vine	06560E	3670N	54961.1	97	54759.8	93030	21.4	7.5	0.7	67	56	1.57	24.8	24.7	2.9	14	77	0.6	25.2	29.5	-1.5	20	92	5.75
2019 Vine	06560E	3665N	54974.71	97	54773.5	93058	21.4	13.7	0.5	70	57	1.62	24.8	26.3	5.9	17	78	0.62	25.2	29.5	1.1	26	97	6.12
2019 Vine	06560E	3660N	55008.54	97	54807.24	93130	21.4	5.4	2.9	62	61	1.56	24.8	14.4	7.5	1	83	0.63	25.2	16.5	3.8	7	97	5.89
2019 Vine	06560E	3655N	55049.53	97	54848.06	93158	21.4	-0.5	4.6	60	59	1.51	24.8	8.3	8.2	1	84	0.64	25.2	2.3	6.5	9	102	6.2
2019 Vine	06560E	3650N	55078.56	97	54876.95	93226	21.4	8.6	1.9	73	54	1.62	24.8	3	9.7	13	83	0.65	25.2	3.8	8.7	21	95	5.96
2019 Vine	06560E	3645N	55090.06	97	54888.52	93254	21.4	1.9	5.2	70	58	1.63	24.8	2.1	10.2	6	83	0.64	25.2	6.1	9.6	13	101	6.21
2019 Vine	06560E	3640N	55095.04	97	54893.44	93330	21.4	1	4.2	53	60	1.44	24.8	-7.9	10.5	-20	83	0.66	25.2	-8.1	11.7	-5	100	6.07

2019 Vine	06560E	3635N	55093.28	97	54891.57	93358	21.4	-13	9.3	56	63	1.5	24.8	-19.5	12.7	-9	80	0.62	25.2	-19.6	14.1	-6	98	5.96
2019 Vine	06560E	3630N	55090.33	97	54888.6	93430	21.4	-5.1	4.7	57	65	1.55	24.8	-23.6	12.9	-11	81	0.63	25.2	-27.6	16	-3	99	6.04
2019 Vine	06560E	3625N	55085.47	98	54883.78	93454	21.4	-5.7	5.9	61	63	1.56	24.8	-28	13.2	-6	76	0.59	25.2	-31.2	16.7	0	95	5.8
2019 Vine	06560E	3620N	55070.37	96	54868.81	93522	21.4	-5.6	6.1	83	54	1.77	24.8	-25.6	15.5	22	74	0.59	25.2	-31.6	17.1	33	92	5.93
2019 Vine	06560E	3615N	55055.14	97	54853.63	93554	21.4	-12.2	6.9	92	50	1.87	24.8	-36	12.8	37	73	0.63	25.2	-25.3	16.2	41	88	5.91
2019 Vine	06560E	3610N	55047.01	97	54845.48	93634	21.4	-16.3	6.5	87	52	1.81	24.8	-38.2	14.4	32	73	0.61	25.2	-42.3	16.5	48	87	6.07
2019 Vine	06560E	3605N	55036.71	97	54835.23	93706	21.4	-15.5	6.4	96	48	1.93	24.8	-37.2	12.5	46	72	0.65	25.2	-44	15.9	61	82	6.25
2019 Vine	06560E	3600N	55035.69	98	54834.24	93734	21.4	3.9	1.8	73	59	1.68	24.8	-24.4	15.4	15	75	0.59	25.2	-26.3	16.8	24	91	5.73
2019 Vine	06560E	3595N	55025.3	98	54824.26	93806	21.4	-3.9	0.8	72	60	1.68	24.8	-37.2	14.1	14	73	0.57	25.2	-47.1	17.8	21	90	5.64
2019 Vine	06560E	3590N	55015.75	98	54814.9	93838	21.4	-10.2	1.9	68	61	1.64	24.8	-34.2	11.9	7	71	0.55	25.2	-42.3	13.2	14	85	5.25
2019 Vine	06560E	3585N	55009.58	97	54808.39	93902	21.4	-26.6	2	70	60	1.64	24.8	-46.2	13.7	2	73	0.56	25.2	-55.4	17.7	11	88	5.41
2019 Vine	06560E	3580N	55009.88	98	54808.53	93930	21.4	-4.1	-3	63	64	1.61	24.8	-32	11.8	1	76	0.58	25.2	-34.8	13.2	12	92	5.62
2019 Vine	06560E	3575N	55004.89	98	54803.48	93954	21.4	12.5	-7.9	69	61	1.66	24.8	-23.1	10.9	5	73	0.56	25.2	-25.8	10.4	12	89	5.47
2019 Vine	06560E	3570N	55004.24	98	54802.88	94022	21.4	-5.1	-6.7	63	64	1.61	24.8	-37.8	10.9	8	71	0.55	25.2	-50.1	12	15	85	5.26
2019 Vine	06560E	3565N	55003	98	54801.68	94050	21.4	-9.2	-4.8	57	66	1.57	24.8	-32.3	8.5	-2	71	0.55	25.2	-36.4	9.2	0	88	5.33
2019 Vine	06560E	3560N	54999.47	97	54798	94122	21.4	-26.6	-0.1	67	61	1.63	24.8	-44	7.4	8	70	0.54	25.2	-57.5	9	16	83	5.15
2019 Vine	06560E	3555N	54998.89	98	54797.18	94154	21.4	-13.1	-4.4	71	60	1.66	24.8	-37	5.8	15	71	0.55	25.2	-44.8	7.9	23	85	5.36
2019 Vine	06560E	3550N	54994.99	97	54793.34	94214	21.4	-24.1	-2.8	66	61	1.6	24.8	-43	4.7	1	72	0.56	25.2	-39.2	8.3	7	81	4.97
2019 Vine	06560E	3545N	54988.58	97	54786.99	94242	21.4	-12.3	-3.8	65	60	1.58	24.8	-37.6	9	7	69	0.53	25.2	-44.5	11	14	85	5.22
2019 Vine	06560E	3540N	54986.39	97	54785.07	94318	21.4	-14.4	-3	66	59	1.58	24.8	-38	10.5	5	66	0.51	25.2	-46.2	12.5	14	83	5.09
2019 Vine	06560E	3535N	54985.83	97	54784.79	94350	21.4	-17.6	-2	67	61	1.62	24.8	-35.5	10	7	69	0.53	25.2	-48.2	12.1	15	78	4.83
2019 Vine	06560E	3530N	54987.35	97	54786.36	94422	21.4	-12.3	-2.5	77	59	1.74	24.8	-40.2	6.4	18	67	0.53	25.2	-31.3	11.7	30	81	5.25
2019 Vine	06560E	3525N	54987.25	97	54786.15	94458	21.4	-10.9	-4.2	80	56	1.75	24.8	-33.5	9	23	66	0.54	25.2	-42.1	12.9	32	78	5.13
2019 Vine	06560E	3520N	54996.49	97	54795.29	94530	21.4	-14.4	-1.8	81	53	1.74	24.8	-41	11.9	25	66	0.54	25.2	-45.1	15.9	36	79	5.3
2019 Vine	06560E	3515N	54995.02	97	54793.9	94618	21.4	-4.3	-4.6	88	50	1.82	24.8	-31.3	12.6	27	67	0.56	25.2	-31.4	16	38	77	5.22
2019 Vine	06560E	3510N	54989.02	97	54787.95	94650	21.4	-8.4	-5.1	74	58	1.69	24.8	-38.8	13.7	17	67	0.53	25.2	-45.5	19.5	25	81	5.16
2019 Vine	06560E	3505N	54984.6	98	54783.83	94734	21.4	0.4	-6.4	72	59	1.67	24.8	-25.1	13.1	14	66	0.52	25.2	-41.2	17.6	20	80	5.03
2019 Vine	06560E	3500N	54986.8	97	54786.27	94802	21.4	5.8	-8.1	62	65	1.61	24.8	-23.8	14.3	0	65	0.5	25.2	-29.6	18	5	82	5
2019 Vine	06560E	3495N	54988.89	97	54788.33	94834	21.4	16.6	-10	76	56	1.69	24.8	-14	13.8	-6	66	0.51	25.2	-19.6	17.8	21	80	5.04
2019 Vine	06560E	3490N	54972.3	97	54772.1	94858	21.4	7.2	-7.7	86	56	1.83	24.8	-14.5	13.3	27	65	0.54	25.2	-15.6	17.1	39	78	5.33
2019 Vine	06560E	3485N	54974.52	97	54774.38	94934	21.4	-3.4	-3.3	95	52	1.94	24.8	-28.3	12.5	41	64	0.59	25.2	-28.2	17.8	52	75	5.57
2019 Vine	06560E	3480N	54967.37	97	54767.15	95006	21.4	12.5	-7.5	72	63	1.71	24.8	-15.2	13.9	-2	67	0.51	25.2	-20.6	20.6	0	80	4.9
2019 Vine	06560E	3475N	54961.08	97	54760.97	95042	21.4	22.2	-14	49	64	1.45	24.8	-14.1	12.2	-13	68	0.53	25.2	-5.4	18.3	-10	83	5.07
2019 Vine	06560E	3470N	54954.44	98	54754.6	95114	21.4	21.7	-11.7	69	65	1.7	24.8	-9.5	13.3	7	69	0.53	25.2	-8.7	18.1	13	85	5.26
2019 Vine	06560E	3465N	54953.27	98	54753.66	95142	21.4	13.6	-12.6	81	63	1.84	24.8	-15.4	13	23	70	0.57	25.2	-13.5	17.6	30	79	5.16
2019 Vine	06560E	3460N	54963.73	97	54764.1	95210	21.4	2.6	-9.9	79	64	1.82	24.8	-18.9	9.2	17	70	0.55	25.2	-12.7	15.4	32	82	5.35
2019 Vine	06560E	3455N	54965.97	97	54766.3	95242	21.4	6.7	-11.6	87	64	1.93	24.8	-14	10.4	26	70	0.57	25.2	-16.7	14.5	38	82	5.47
2019 Vine	06560E	3450N	54990.87	98	54791.28	95314	21.4	15.4	-16.1	71	65	1.73	24.8	-8.8	9	8	70	0.54	25.2	-6.4	12.2	15	85	5.25
2019 Vine	06560E	3445N	54992.37	97	54792.78	95342	21.4	12.4	-16.9	60	68	1.63	24.8	-9.3	7.5	-2	69	0.53	25.2	-6.7	9.4	3	83	5.07
2019 Vine	06560E	3440N	54993.67	98	54794.08	95410	21.4	21	-17.5	71	68	1.76	24.8	-4.6	7.1	12	72	0.56	25.2	-3.6	8.8	19	85	5.29
2019 Vine	06560E	3435N	54991.6	97	54791.97	95438	21.4	8.8	-16.2	79	63	1.81	24.8	-12.7	5.8	18	70	0.55	25.2	-4.8	7.9	24	82	5.21
2019 Vine	06560E	3430N	54989.92	97	54790.27	95558	21.4	16.3	-18.6	85	64	1.9	24.8	1.1	6.1	29	67	0.56	25.2	4.8	7.4	42	81	5.57
2019 Vine	06560E	3425N	54986.9	97	54787.13	95622	21.4	7.2	-15.3	88	60	1.9	24.8	-8	5.1	26	68	0.56	25.2	-11.3	7.8	41	81	5.52
2019 Vine	06560E	3420N	54984.64	97	54784.73	95650	21.4	14.5	-16.6	80	64	1.84	24.8	-3.1	6.6	19	68	0.54	25.2	-5.3	6.9	28	84	5.38
2019 Vine	06560E	3415N	54984.82	97	54784.73	95718	21.4	10.5	-21.4	56	68	1.58	24.8	-9.7	7.8	-7	67	0.52	25.2	-10.4	7.6	-5	84	5.11
2019 Vine	06560E	3410N	54981.61	97	54781.29	95746	21.4	8.6	-19	47	75	1.59	24.8	-7.9	6.4	-17	71	0.56	25.2	-5.1	6.9	-12	82	5.04

2019 Vine	06560E	3405N	54984.44	97	54784.03	95814	21.4	21.2	-23.4	43	68	1.44	24.8	0.1	6.7	-25	68	0.55	25.2	1.3	6.6	-21	82	5.14
2019 Vine	06560E	3400N	54985.55	98	54785.09	95842	21.4	27.1	-22.1	54	72	1.61	24.8	6.4	7	-23	69	0.56	25.2	6.7	6.4	-19	86	5.38
2019 Vine	06580E	3400N	54984.85	97	54787.66	101342	21.4	33.8	-23.9	99	66	2.13	24.8	-12.4	2.9	28	68	0.56	25.2	-6.4	8.1	42	83	5.7
2019 Vine	06580E	3405N	54981.54	97	54784.38	101414	21.4	30.8	-23.5	96	69	2.12	24.8	-7.1	5.9	19	73	0.58	25.2	-1.5	8.6	32	84	5.47
2019 Vine	06580E	3410N	54983	98	54785.88	101434	21.4	29.4	-23.4	95	67	2.08	24.8	-12	3	20	72	0.57	25.2	-3.5	8.8	32	82	5.37
2019 Vine	06580E	3415N	54987.76	97	54790.81	101502	21.4	9.9	-17.5	96	70	2.13	24.8	-11.9	0.7	18	72	0.57	25.2	-3.7	7.5	29	86	5.5
2019 Vine	06580E	3420N	54987.21	97	54790.3	101534	21.4	35.9	-24.4	90	69	2.03	24.8	1.7	-0.7	14	74	0.58	25.2	6.6	6.1	23	85	5.37
2019 Vine	06580E	3425N	54986.15	97	54789.32	101558	21.4	31.8	-23.1	85	74	2.02	24.8	-2	0	7	71	0.55	25.2	-4	6.1	23	85	5.34
2019 Vine	06580E	3430N	54983.15	97	54786.54	101634	21.4	30.3	-22.7	92	71	2.07	24.8	-9.7	-1.6	16	73	0.58	25.2	-1	6.3	21	85	5.32
2019 Vine	06580E	3435N	54981.97	97	54785.72	101706	21.4	27.8	-21.9	91	69	2.04	24.8	-11.2	0.1	14	74	0.58	25.2	-4.7	7.5	23	86	5.41
2019 Vine	06580E	3440N	54985.66	97	54789.8	101738	21.4	27.9	-21.7	84	72	1.98	24.8	-9.5	-0.6	5	75	0.57	25.2	-7.4	7.9	11	88	5.37
2019 Vine	06580E	3445N	54982.64	97	54786.95	101806	21.4	31.8	-22.4	69	76	1.84	24.8	-10.4	0.6	-10	74	0.58	25.2	-3.5	9.9	-6	88	5.35
2019 Vine	06580E	3450N	54979.24	98	54783.48	101838	21.4	21.6	-20	79	75	1.95	24.8	-16.3	3.1	1	73	0.56	25.2	-11.5	10.1	9	88	5.39
2019 Vine	06580E	3455N	54974.35	97	54778.55	101902	21.4	31.5	-21.8	73	75	1.88	24.8	-7.3	2	6	73	0.56	25.2	-0.8	9.9	12	88	5.43
2019 Vine	06580E	3460N	54966.06	97	54770.28	101934	21.4	29.9	-20.1	88	71	2.03	24.8	1.1	1.3	22	72	0.58	25.2	-8.1	9.6	23	85	5.38
2019 Vine	06580E	3465N	54966.63	96	54770.89	101958	21.4	46.7	-24.3	84	71	1.96	24.8	-6.6	1.3	1	73	0.56	25.2	-0.2	9.4	12	92	5.66
2019 Vine	06580E	3470N	54972.49	97	54776.74	102022	21.4	27.4	-20.3	82	74	1.98	24.8	-14.3	0.7	1	74	0.56	25.2	-11.2	10.3	10	88	5.36
2019 Vine	06580E	3475N	54976.57	97	54780.71	102046	21.4	25.8	-18.9	90	71	2.05	24.8	-14.8	2.5	8	71	0.55	25.2	-12.6	10.3	16	88	5.42
2019 Vine	06580E	3480N	54978.13	98	54782.04	102114	21.4	26.7	-17.7	89	72	2.05	24.8	-14.9	0.6	1	74	0.56	25.2	-12.3	10	9	86	5.29
2019 Vine	06580E	3485N	54983	97	54786.73	102146	21.4	24.7	-16.9	87	73	2.02	24.8	-13.5	2.1	5	74	0.57	25.2	-11.3	10.2	11	86	5.26
2019 Vine	06580E	3490N	54986.63	97	54790.21	102218	21.4	30.6	-17.2	89	68	2.01	24.8	-8.5	1	6	70	0.54	25.2	-9	9.8	12	88	5.39
2019 Vine	06580E	3495N	54991.06	97	54794.34	102242	21.4	17.8	-14.3	98	69	2.14	24.8	-19.5	0	27	72	0.59	25.2	-13.9	9	28	86	5.49
2019 Vine	06580E	3500N	54986.08	97	54789	102314	21.4	16.8	-13.3	86	74	2.04	24.8	-11	2.4	-4	72	0.55	25.2	-12.1	11	4	87	5.31
2019 Vine	06580E	3505N	54982.75	97	54785.45	102346	21.4	14.4	-12.3	91	71	2.06	24.8	-19.3	-1.4	7	72	0.55	25.2	-20.5	9.5	14	85	5.22
2019 Vine	06580E	3510N	54989.06	97	54791.75	102410	21.4	26	-14.9	94	73	2.13	24.8	-15.5	-1.8	1	71	0.55	25.2	-16.4	7.1	10	87	5.32
2019 Vine	06580E	3515N	54998.87	98	54801.55	102434	21.4	19.5	-14.1	89	71	2.05	24.8	-16.5	-2	-3	76	0.59	25.2	-15.6	6.6	-3	90	5.49
2019 Vine	06580E	3520N	55010.57	97	54813.22	102458	21.4	25.7	-15	89	72	2.05	24.8	-15.4	-2.7	-12	75	0.58	25.2	-24.6	4.4	-5	88	5.34
2019 Vine	06580E	3525N	55010.13	97	54813	102614	21.4	4.5	-11.2	84	74	2	24.8	-25.4	-2.6	-6	73	0.56	25.2	-28.1	5.2	-2	87	5.29
2019 Vine	06580E	3530N	55008.31	97	54811.44	102642	21.4	14.9	-13.5	86	73	2.01	24.8	-25	-2.4	-4	75	0.58	25.2	-26.8	4.9	7	87	5.32
2019 Vine	06580E	3535N	55007.56	96	54811	102706	21.4	24.5	-14.7	97	72	2.15	24.8	-26.5	-5	0	74	0.57	25.2	-26.4	4.4	5	86	5.26
2019 Vine	06580E	3540N	55010.99	97	54814.75	102734	21.4	11.6	-11.3	94	74	2.15	24.8	-22	-7.4	0	70	0.54	25.2	-22.2	2.1	10	90	5.53
2019 Vine	06580E	3545N	55007.36	97	54811.4	102822	21.4	17.6	-14.1	75	80	1.97	24.8	-25.2	-4.4	-20	75	0.6	25.2	-26.1	4.2	-18	91	5.63
2019 Vine	06580E	3550N	55007.21	96	54811.29	102858	21.4	11.4	-11.6	93	76	2.15	24.8	-20.8	-4	10	76	0.59	25.2	-20.6	0.4	17	89	5.51
2019 Vine	06580E	3555N	55006.5	97	54810.58	102922	21.4	23.3	-11.5	107	72	2.3	24.8	-11	-6.3	18	74	0.59	25.2	-12.7	-0.7	28	91	5.8
2019 Vine	06580E	3560N	55001.28	97	54805.31	102954	21.4	18.9	-9.3	105	75	2.31	24.8	-12.5	-5.2	14	76	0.6	25.2	-6.7	-0.5	28	97	6.12
2019 Vine	06580E	3565N	55003.53	97	54807.69	103022	21.4	15.2	-6.4	110	74	2.37	24.8	-7.4	-9.9	17	78	0.61	25.2	-7.8	-2.7	32	93	5.99
2019 Vine	06580E	3570N	54995.76	97	54800.12	103050	21.4	13.7	-7.3	108	73	2.33	24.8	-13.5	-7.9	14	77	0.6	25.2	-12	-1	24	93	5.85
2019 Vine	06580E	3575N	54989.38	97	54793.85	103114	21.4	16	-8.5	113	70	2.37	24.8	-16.2	-6.1	17	80	0.62	25.2	-13.8	-1.1	29	96	6.11
2019 Vine	06580E	3580N	54986.06	96	54790.59	103138	21.4	18.9	-9.3	102	77	2.27	24.8	-11.9	-6.9	5	79	0.61	25.2	-11.5	-1.9	16	98	6
2019 Vine	06580E	3585N	54980.59	97	54785.18	103242	21.4	3.9	-7.5	86	82	2.13	24.8	-17.6	-6.2	-3	83	0.64	25.2	-32.4	0.3	5	98	5.99
2019 Vine	06580E	3590N	55003.47	97	54808.03	103306	21.4	1.2	-6.4	89	80	2.15	24.8	-15.4	-5.6	-8	83	0.64	25.2	-17.8	-1	1	97	5.88
2019 Vine	06580E	3595N	55044.58	97	54849.08	103334	21.4	9.1	-9.2	78	87	2.08	24.8	-10.9	-3.2	-16	84	0.66	25.2	-6	0	-8	101	6.18
2019 Vine	06580E	3600N	54988.87	97	54793.45	103358	21.4	9.9	-7.9	90	83	2.2	24.8	-11.5	-4.2	-4	82	0.63	25.2	-15.8	0.5	4	101	6.12
2019 Vine	06580E	3605N	55060.18	97	54865	103418	21.4	13.6	-9.7	95	85	2.28	24.8	-4.5	-5.5	-5	83	0.64	25.2	-8.7	-0.8	-4	100	6.06
2019 Vine	06580E	3610N	55090.72	97	54895.76	103450	21.4	13	-10.7	84	88	2.18	24.8	-5.6	-1.9	-12	81	0.63	25.2	-4.7	0	-9	98	6
2019 Vine	06580E	3615N	55098.06	96	54903.22	103510	21.4	19.7	-11.8	89	84	2.18	24.8	7.1	-2.9	-2	84	0.65	25.2	9.3	0	0	100	6.06

2019 Vine	06580E	3620N	55101.04	97	54906.22	103534	21.4	18.1	-10.5	92	85	2.25	24.8	7.8	-1.6	-3	81	0.62	25.2	12.3	-0.5	2	94	5.73
2019 Vine	06580E	3625N	55096.55	97	54901.72	103558	21.4	15.8	-9.8	96	86	2.3	24.8	9.3	-3.5	5	81	0.62	25.2	14.2	-1.6	12	100	6.14
2019 Vine	06580E	3630N	55087.92	96	54893.47	103622	21.4	30.7	-14.6	70	89	2.02	24.8	13.8	-2.8	-21	81	0.65	25.2	17.7	-0.9	-22	97	6.07
2019 Vine	06580E	3635N	55087.55	96	54893.21	103658	21.4	29.3	-14.3	77	85	2.05	24.8	10.5	-3.2	-12	79	0.61	25.2	16	-0.8	-7	98	5.98
2019 Vine	06580E	3640N	55088.6	96	54894.34	103726	21.4	23.8	-13.5	91	84	2.22	24.8	10.2	-1	3	85	0.65	25.2	14.4	-0.1	11	102	6.21
2019 Vine	06580E	3645N	55089.47	96	54894.99	103754	21.4	36.5	-15.5	102	80	2.32	24.8	16.5	-2.4	9	82	0.63	25.2	25.2	-2.3	19	99	6.12
2019 Vine	06580E	3650N	55085.89	96	54891.42	103822	21.4	23.2	-10.6	98	87	2.35	24.8	17.7	-4.1	12	84	0.65	25.2	24.7	-4.4	20	100	6.18
2019 Vine	06580E	3655N	55079.14	96	54884.77	103846	21.4	29.4	-12.3	104	83	2.38	24.8	22.6	-3.6	19	81	0.64	25.2	30.6	-4.5	27	96	6.06
2019 Vine	06580E	3660N	55066.18	96	54871.89	103910	21.4	30.1	-12.7	92	87	2.27	24.8	26.5	-5.5	6	82	0.63	25.2	36.1	-5	16	97	5.99
2019 Vine	06580E	3665N	55055.32	96	54861.27	103938	21.4	32	-12	101	86	2.37	24.8	29.3	-4.2	19	78	0.62	25.2	32.1	-5.1	34	96	6.22
2019 Vine	06580E	3670N	55047.11	97	54853.1	104006	21.4	27.8	-11.2	105	86	2.42	24.8	26.3	-5.3	12	81	0.63	25.2	30.7	-4.7	25	94	5.92
2019 Vine	06580E	3675N	55040.94	96	54846.87	104034	21.4	27.8	-10.9	111	83	2.48	24.8	23.6	-4.4	30	75	0.62	25.2	30.9	-5.6	40	90	6
2019 Vine	06580E	3680N	55035.01	96	54840.77	104106	21.4	28.9	-12.2	114	81	2.51	24.8	23.9	-6	36	74	0.63	25.2	17.6	-5.6	42	91	6.08
2019 Vine	06580E	3685N	55031.48	97	54837.05	104134	21.4	25.4	-10.7	108	80	2.4	24.8	15.7	-7.3	29	75	0.62	25.2	19.8	-6.8	40	91	6.04
2019 Vine	06580E	3690N	55029.62	97	54835.18	104206	21.4	31.3	-12.3	103	83	2.36	24.8	25	-8.5	19	78	0.62	25.2	31.6	-7.8	30	92	5.88
2019 Vine	06580E	3695N	55030.9	96	54836.69	104246	21.4	19.7	-9.2	104	83	2.38	24.8	19.7	-7.9	22	76	0.61	25.2	25.5	-7.9	32	93	6
2019 Vine	06580E	3700N	55030.98	96	54836.96	104310	21.4	28.5	-12.6	99	85	2.34	24.8	19.1	-7.7	14	74	0.58	25.2	30.1	-8.1	23	95	5.93
2019 Vine	06580E	3705N	55028.83	96	54834.79	104334	21.4	44.2	-16	83	90	2.2	24.8	29	-7.3	0	77	0.59	25.2	38.5	-9.8	16	94	5.79
2019 Vine	06580E	3710N	55019.57	96	54825.54	104406	21.4	42.6	-15.6	93	87	2.28	24.8	24.8	-9	4	78	0.6	25.2	32.4	-10.2	14	94	5.78
2019 Vine	06580E	3715N	55015.95	97	54821.95	104450	21.4	26.5	-14.9	60	94	1.99	24.8	12.7	-8.2	-7	77	0.6	25.2	20.9	-8.7	-1	97	5.93
2019 Vine	06580E	3720N	55013.94	96	54820.19	104526	21.4	22.7	-11.9	78	91	2.15	24.8	15.3	-9.2	9	80	0.62	25.2	19.6	-8.4	31	94	6.05
2019 Vine	06580E	3725N	55020.84	96	54827.3	104602	21.4	29.5	-12.5	112	83	2.49	24.8	17.6	-8.3	25	73	0.6	25.2	18	-8.4	28	93	5.93
2019 Vine	06580E	3730N	55017.81	96	54824.41	104630	21.4	24	-12.2	91	92	2.31	24.8	10.4	-10	7	79	0.61	25.2	6.4	-7.1	18	97	5.99
2019 Vine	06580E	3735N	55013.72	97	54820.54	104706	21.4	21.4	-11.7	89	92	2.29	24.8	12.9	-10.1	3	79	0.61	25.2	19.2	-9.3	14	94	5.77
2019 Vine	06580E	3740N	55008.75	96	54816.16	104742	21.4	29.2	-12.6	79	92	2.18	24.8	9.1	-9.4	-8	78	0.61	25.2	14.5	-8	0	94	5.73
2019 Vine	06580E	3745N	55006.16	97	54813.44	104818	21.4	37	-16.1	68	91	2.02	24.8	20.1	-8.6	-15	79	0.62	25.2	20.5	-8.3	-10	99	6.03
2019 Vine	06580E	3750N	55001.42	96	54808.98	104846	21.4	36.2	-13.6	87	92	2.26	24.8	14.7	-10.4	8	77	0.6	25.2	17.1	-8.7	17	97	5.99
2019 Vine	06580E	3755N	54999.45	97	54807.13	104930	21.4	20	-8.8	80	97	2.25	24.8	13.5	-10.2	0	81	0.62	25.2	7.3	-7.9	15	96	5.93
2019 Vine	06580E	3760N	54990.95	96	54798.52	105006	21.4	34.8	-12.3	113	88	2.55	24.8	21.3	-8.6	33	77	0.64	25.2	18.2	-8.2	59	93	6.69
2019 Vine	06580E	3765N	54987.97	96	54796.17	105042	21.4	20.5	-9.8	123	81	2.63	24.8	11.5	-7.3	39	76	0.65	25.2	22.8	-7.3	53	92	6.45
2019 Vine	06580E	3770N	54989.72	96	54798.32	105106	21.4	27.2	-10.1	55	44	2.53	24.8	16.3	-7.9	24	76	0.61	25.2	18.5	-7.6	35	96	6.25
2019 Vine	06580E	3775N	54990.48	97	54799.21	105134	21.4	23.2	-9.3	60	43	2.65	24.8	12.4	-8.4	36	77	0.65	25.2	14.7	-7	50	94	6.49
2019 Vine	06580E	3780N	54986.26	97	54795	105202	21.4	21.3	-8.2	65	40	2.74	24.8	13.1	-8.6	34	79	0.66	25.2	11.6	-7.6	49	95	6.51
2019 Vine	06580E	3785N	54986.71	97	54794.9	105230	21.4	18.5	-8.6	56	45	2.56	24.8	4.3	-7.2	24	77	0.62	25.2	10	-6.6	35	94	6.1
2019 Vine	06580E	3790N	54986.87	96	54794.61	105250	21.4	25.7	-9.9	49	47	2.42	24.8	15.3	-9.2	10	80	0.62	25.2	10.6	-7.5	8	95	5.8
2019 Vine	06580E	3795N	54988.53	97	54795.93	105318	21.4	12.4	-8.1	79	97	2.25	24.8	3.1	-7.8	0	78	0.6	25.2	7.3	-6.6	6	96	5.88
2019 Vine	06580E	3800N	54985.7	96	54793.91	105430	21.4	24.3	-10.9	79	100	2.28	24.8	4.3	-7.3	0	78	0.6	25.2	8.8	-4.9	7	99	6.01
2019 Vine	06600E	3800N	54934.34	96	54751	113518	21.4	3	0.2	95	110	2.6	24.8	3.9	-1.8	3	86	0.66	25.2	14.1	-4.4	8	102	6.22
2019 Vine	06600E	3795N	54962.92	97	54779.56	113542	21.4	14	-3.5	86	111	2.51	24.8	5.6	-2.1	-3	86	0.66	25.2	0.5	-4.8	1	103	6.24
2019 Vine	06600E	3790N	54972.86	97	54789.58	113610	21.4	6.2	-2.7	112	105	2.74	24.8	-1.1	-5.6	16	86	0.67	25.2	-2.3	-5.2	29	107	6.72
2019 Vine	06600E	3785N	54976.88	96	54793.68	113638	21.4	-4.2	-0.2	119	101	2.79	24.8	-6.6	-7.8	22	88	0.69	25.2	-7.3	-7.2	31	102	6.48
2019 Vine	06600E	3780N	54980.28	96	54797.17	113710	21.4	16.7	-7.2	80	110	2.43	24.8	7.2	-8.6	-10	87	0.67	25.2	8.3	-11.2	-3	104	6.31
2019 Vine	06600E	3775N	54984.76	97	54801.77	113738	21.4	12.4	-7.2	90	107	2.5	24.8	-1.5	-10.1	-1	87	0.67	25.2	0.1	-10.8	3	101	6.17
2019 Vine	06600E	3770N	54975.81	97	54792.86	113802	21.4	13.3	-6	88	106	2.46	24.8	0.7	-9.6	-4	88	0.68	25.2	0.5	-10.3	4	102	6.17
2019 Vine	06600E	3765N	54982.41	96	54799.56	113830	21.4	24.6	-8.8	86	112	2.53	24.8	14	-8.1	-5	83	0.64	25.2	14	-10.7	2	98	5.95
2019 Vine	06600E	3760N	54967.46	97	54784.73	113854	21.4	8.2	-3.8	91	108	2.52	24.8	0.3	-8.8	-5	86	0.66	25.2	-2.5	-9.3	1	101	6.16

2019 Vine	06600E	3755N	54975.56	96	54793.01	114002	21.4	2.5	-2.9	101	107	2.63	24.8	-5	-6.9	5	84	0.65	25.2	-15.2	-6.9	11	98	6
2019 Vine	06600E	3750N	54985.82	97	54803.27	114058	21.4	8.4	-3.8	125	96	2.82	24.8	3.2	-6.3	20	83	0.65	25.2	5.4	-7.5	12	101	6.19
2019 Vine	06600E	3745N	54980.09	96	54797.64	114138	21.4	20.8	-5	64	48	2.89	24.8	15.7	-6.2	31	82	0.67	25.2	13.7	-6.5	62	98	7.03
2019 Vine	06600E	3740N	55000.6	96	54818.19	114218	21.4	-6.1	-0.3	69	47	2.98	24.8	-8.2	-6.8	36	83	0.7	25.2	-16.2	-4.7	56	93	6.62
2019 Vine	06600E	3735N	54976.48	96	54794.18	114258	21.4	-2.5	-1.3	69	48	3.02	24.8	-2.8	-5.6	35	79	0.67	25.2	-9	-5.5	52	99	6.8
2019 Vine	06600E	3730N	54985.71	96	54803.63	114342	21.4	0.3	-0.2	58	51	2.78	24.8	2.8	-6.4	22	80	0.64	25.2	-3.8	-7.7	30	94	6.01
2019 Vine	06600E	3725N	54987.84	97	54805.89	114450	21.4	-7.9	1.2	47	54	2.57	24.8	-4.3	-8.4	0	86	0.66	25.2	-9.3	-8.4	6	101	6.14
2019 Vine	06600E	3720N	54995.01	96	54813.05	114522	21.4	-6.4	0.5	45	55	2.55	24.8	-3.7	-5.8	0	83	0.64	25.2	-6.4	-8	11	101	6.16
2019 Vine	06600E	3715N	55000.53	96	54818.52	114550	21.4	-8.1	0.9	54	53	2.72	24.8	-9	-6.1	13	81	0.63	25.2	-14.1	-6.9	25	99	6.2
2019 Vine	06600E	3710N	55004.77	96	54822.88	114706	21.4	-11.7	1.9	66	50	2.97	24.8	-5.8	-6.8	27	82	0.66	25.2	-17.5	-6.4	43	94	6.27
2019 Vine	06600E	3705N	55007.4	96	54825.74	114758	21.4	-4.6	0.2	59	53	2.84	24.8	-2.1	-7.2	23	81	0.65	25.2	-19.5	-7	36	96	6.26
2019 Vine	06600E	3700N	55012.69	96	54831.26	114834	21.4	1.9	-1.2	53	54	2.72	24.8	1.4	-9.1	5	83	0.64	25.2	-5.9	-9	16	97	5.97
2019 Vine	06600E	3695N	55015.71	96	54834.47	114902	21.4	-0.9	0	44	54	2.51	24.8	2.3	-8.2	1	84	0.64	25.2	0.2	-9	17	100	6.19
2019 Vine	06600E	3690N	55021.09	96	54839.89	114930	21.4	-5.6	0.3	58	52	2.81	24.8	-4.9	-6.6	21	80	0.64	25.2	0.4	-7.4	31	98	6.25
2019 Vine	06600E	3685N	55024.97	96	54843.94	114954	21.4	-12.1	2.7	59	51	2.79	24.8	-6.9	-8	15	80	0.63	25.2	-13.4	-6.8	28	95	6.03
2019 Vine	06600E	3680N	55025.68	96	54844.78	115022	21.4	7.7	-2.4	57	53	2.79	24.8	3.8	-6.5	16	80	0.63	25.2	0.2	-7.2	24	96	6.05
2019 Vine	06600E	3675N	55028.7	96	54847.78	115050	21.4	5.2	-1.4	67	49	2.99	24.8	4.5	-6.2	25	83	0.67	25.2	0.6	-6	40	95	6.25
2019 Vine	06600E	3670N	55036.99	96	54856.05	115118	21.4	-0.5	0.2	70	48	3.03	24.8	-2.9	-4.8	37	82	0.69	25.2	-6	-4.6	51	97	6.7
2019 Vine	06600E	3665N	55047.73	96	54866.86	115146	21.4	1.1	1.1	74	46	3.15	24.8	4.3	-5.7	42	80	0.7	25.2	-1.2	-5.3	60	94	6.8
2019 Vine	06600E	3660N	55047.52	96	54866.68	115218	21.4	1.7	-1.3	54	54	2.76	24.8	3.6	-6.1	16	82	0.64	25.2	-5.9	-6.9	33	99	6.39
2019 Vine	06600E	3655N	55050.89	96	54870.23	115306	21.4	-0.6	0.6	50	55	2.68	24.8	8.3	-8.4	5	83	0.64	25.2	7.1	-8.9	17	102	6.27
2019 Vine	06600E	3650N	55063.42	96	54882.86	115334	21.4	2.8	-1.5	47	56	2.6	24.8	8.1	-8.4	-3	83	0.64	25.2	4.4	-9.6	3	100	6.07
2019 Vine	06600E	3645N	55077.08	96	54896.5	115402	21.4	-1.7	-0.6	41	56	2.5	24.8	4	-9.2	-15	84	0.65	25.2	2	-10.1	-9	99	6.02
2019 Vine	06600E	3640N	55092.9	96	54912.16	115430	21.4	-9.5	1.5	49	51	2.55	24.8	-6.6	-7.9	-1	88	0.68	25.2	-12.2	-7.6	9	99	6.07
2019 Vine	06600E	3635N	55109.38	96	54928.6	115502	21.4	-4.3	-1.2	49	54	2.62	24.8	-4.3	-7.9	0	83	0.64	25.2	-10.9	-7.8	8	95	5.78
2019 Vine	06600E	3630N	55133.99	96	54953.26	115534	21.4	-4.2	-2	60	52	2.86	24.8	-9.5	-6.9	18	83	0.65	25.2	-14.8	-5	31	99	6.34
2019 Vine	06600E	3625N	55161.89	96	54981.16	115558	21.4	-15.2	1.1	66	50	2.96	24.8	-11.3	-5.9	22	81	0.65	25.2	-6.7	-5.3	37	102	6.58
2019 Vine	06600E	3620N	55144.66	96	54964.02	115630	21.4	-2.8	-0.6	60	50	2.82	24.8	-1.9	-7.6	18	81	0.64	25.2	-1.9	-6.7	34	101	6.51
2019 Vine	06600E	3615N	55132.4	96	54952.06	115714	21.4	-2.5	-0.3	60	51	2.8	24.8	-2	-8	14	84	0.65	25.2	-3.1	-8.6	22	101	6.31
2019 Vine	06600E	3610N	55112.24	96	54931.96	115738	21.4	-8.6	1.1	59	52	2.84	24.8	-1.9	-7.4	11	81	0.63	25.2	-6.4	-8.1	23	100	6.26
2019 Vine	06600E	3605N	55088.61	96	54908.23	115802	21.4	-3	0	58	51	2.78	24.8	-3.6	-7.8	15	84	0.66	25.2	-4.1	-7.5	26	103	6.47
2019 Vine	06600E	3600N	55058.9	96	54878.69	115826	21.4	-9.7	0.7	57	53	2.79	24.8	-7.6	-7.4	12	80	0.62	25.2	-11.1	-7.6	22	102	6.32
2019 Vine	06600E	3595N	55031.59	96	54851.48	115850	21.4	-10.9	1.6	60	52	2.83	24.8	-7.8	-8.6	13	79	0.61	25.2	-9.9	-7.9	25	100	6.28
2019 Vine	06600E	3590N	54993.14	96	54813.17	115918	21.4	-6.4	-0.2	68	48	2.99	24.8	-6.5	-8.6	28	78	0.63	25.2	-15.4	-6.9	42	98	6.52
2019 Vine	06600E	3585N	54964.36	96	54784.3	115946	21.4	-2	-1.7	58	52	2.81	24.8	-5	-9.2	10	80	0.62	25.2	-10.2	-9.2	22	102	6.36
2019 Vine	06600E	3580N	54937.18	95	54757.17	120010	21.4	-15.1	0.1	65	49	2.92	24.8	-13.1	-11.7	20	78	0.62	25.2	-21.5	-10.1	35	101	6.5
2019 Vine	06600E	3575N	54924.18	96	54744.35	120034	21.4	-12.5	-0.9	61	50	2.82	24.8	-12.7	-12.5	14	79	0.62	25.2	-22.8	-12	26	94	5.95
2019 Vine	06600E	3570N	54915.43	96	54735.62	120102	21.4	-5.5	-2.1	59	50	2.79	24.8	-5.6	-13.8	11	79	0.61	25.2	-9.7	-13.4	22	98	6.08
2019 Vine	06600E	3565N	54913.59	96	54733.77	120126	21.4	-11.5	-0.8	72	45	3.06	24.8	-14.8	-11.6	29	75	0.62	25.2	-21.1	-11.3	40	90	6
2019 Vine	06600E	3560N	54915.49	96	54735.82	120158	21.4	-11.1	-2	70	47	3.02	24.8	-14.8	-11.5	25	78	0.63	25.2	-19	-10.3	38	92	6.06
2019 Vine	06600E	3555N	54914.94	96	54735.48	120234	21.4	-0.2	-3.5	65	48	2.92	24.8	-1.9	-10.8	16	80	0.63	25.2	-2.1	-10.8	32	95	6.09
2019 Vine	06600E	3550N	54919.72	96	54740.33	120258	21.4	-9.1	-2.5	68	46	2.95	24.8	-12.8	-11.5	18	76	0.6	25.2	-18.7	-9.9	32	92	5.9
2019 Vine	06600E	3545N	54922.53	96	54743.28	120326	21.4	-9.3	-2.3	56	50	2.7	24.8	-9.1	-12.4	4	78	0.6	25.2	-10.8	-12	19	96	5.98
2019 Vine	06600E	3540N	54920.09	96	54741.35	120402	21.4	-9.8	-3.2	61	48	2.77	24.8	-1.4	-13.3	0	79	0.61	25.2	-5.4	-14.3	7	95	5.8
2019 Vine	06600E	3535N	54917.93	96	54739.5	120426	21.4	-9.4	-3.3	61	48	2.77	24.8	-6.5	-14.9	6	80	0.61	25.2	-14.4	-13.9	14	94	5.78
2019 Vine	06600E	3530N	54916.8	95	54738.89	120458	21.4	-15.6	-3	47	51	2.5	24.8	-8.7	-14.3	-25	76	0.62	25.2	-16.3	-14.7	-24	95	5.93

2019 Vine	06600E	3525N	54909.29	95	54731.52	120538	21.4	-15.3	-4.6	52	50	2.58	24.8	-20.6	-10.2	-12	76	0.59	25.2	-24.3	-11.3	-10	93	5.71
2019 Vine	06600E	3520N	54908.76	96	54731.19	120622	21.4	-10.7	-8.6	55	50	2.67	24.8	-18.9	-13.7	-13	82	0.64	25.2	-22.5	-14.6	-2	93	5.64
2019 Vine	06600E	3515N	54911.92	96	54734.41	120654	21.4	-6.9	-6.6	61	47	2.76	24.8	-3.9	-18.5	-1	77	0.59	25.2	-13.5	-19.7	8	90	5.51
2019 Vine	06600E	3510N	54923.48	96	54746.1	120726	21.4	0.4	-9.8	65	44	2.84	24.8	4.2	-13.6	10	73	0.57	25.2	1.6	-16.2	23	93	5.85
2019 Vine	06600E	3505N	54930.74	96	54753.6	120758	21.4	-7.2	-8.8	71	42	2.95	24.8	-9	-12.2	13	74	0.58	25.2	-9.3	-14.3	22	90	5.65
2019 Vine	06600E	3500N	54933.2	96	54756.15	120826	21.4	-5.1	-9.8	68	43	2.87	24.8	-3.8	-10.9	4	77	0.59	25.2	-4.1	-12	15	93	5.7
2019 Vine	06600E	3495N	54935.53	95	54758.75	120854	21.4	-18	-6.5	74	40	3.01	24.8	-3.8	-10.6	15	75	0.59	25.2	-8.6	-9.9	28	92	5.86
2019 Vine	06600E	3490N	54940.52	96	54763.97	120926	21.4	-11.5	-7	70	40	2.9	24.8	-3	-8	8	78	0.6	25.2	-7.1	-9.6	18	92	5.69
2019 Vine	06600E	3485N	54948.73	96	54772.34	120954	21.4	0.3	-10.3	73	41	2.99	24.8	6.1	-6.9	9	78	0.6	25.2	4	-9.2	22	96	6.02
2019 Vine	06600E	3480N	54958.02	96	54781.68	121018	21.4	2.9	-9.7	75	39	3.05	24.8	-2	-9.7	10	81	0.62	25.2	-3.2	-10.2	22	93	5.82
2019 Vine	06600E	3475N	54967.91	96	54791.59	121042	21.4	1.1	-9.4	59	46	2.67	24.8	-14.7	-13.2	-16	78	0.62	25.2	-22.1	-11.6	-13	95	5.86
2019 Vine	06600E	3470N	54969.3	96	54793.37	121138	21.4	10.4	-11.8	49	49	2.49	24.8	-12.2	-10.8	-28	76	0.62	25.2	-15.2	-11.8	-27	93	5.92
2019 Vine	06600E	3465N	54970.13	96	54794.34	121210	21.4	11.7	-12.3	124	92	2.76	24.8	-17	-14	-8	78	0.6	25.2	-20.1	-10.7	-1	95	5.75
2019 Vine	06600E	3460N	54969.69	95	54794.02	121242	21.4	-5.1	-7.8	48	49	2.46	24.8	-7.1	-13.6	-31	76	0.63	25.2	-13.9	-13	-30	95	6.06
2019 Vine	06600E	3455N	54972.74	96	54796.76	121322	21.4	14.8	-14.5	104	99	2.56	24.8	-5.7	-13.4	-28	80	0.66	25.2	-7.7	-12.5	-25	98	6.14
2019 Vine	06600E	3450N	54969.68	96	54793.54	121350	21.4	7.8	-11.3	117	95	2.69	24.8	-7.7	-13.6	-14	82	0.64	25.2	-11	-11.6	-6	98	5.99
2019 Vine	06600E	3445N	54968.82	96	54792.7	121414	21.4	16.4	-13.4	114	93	2.64	24.8	-1.9	-12.1	-20	79	0.63	25.2	-10.4	-10.9	-7	101	6.14
2019 Vine	06600E	3440N	54964.47	96	54788.32	121446	21.4	11.3	-13.8	127	91	2.8	24.8	-18.7	-11.2	0	82	0.63	25.2	-17.3	-8.2	12	96	5.92
2019 Vine	06600E	3435N	54958.85	96	54782.85	121510	21.4	6	-10.7	76	42	3.12	24.8	-16.4	-10.2	21	81	0.65	25.2	-21.6	-7.4	33	96	6.16
2019 Vine	06600E	3430N	54957.89	96	54782.08	121534	21.4	10.5	-10.7	80	40	3.21	24.8	-11.5	-10.7	25	82	0.66	25.2	-15.3	-6.7	41	94	6.24
2019 Vine	06600E	3425N	54961.36	96	54785.49	121610	21.4	16.7	-11	78	42	3.19	24.8	-3.6	-11.8	27	79	0.64	25.2	-10.3	-8.5	44	92	6.22
2019 Vine	06600E	3420N	54966.74	95	54791.22	121646	21.4	-0.7	-11.7	56	50	2.7	24.8	-21.2	-7.9	-8	78	0.6	25.2	-25.2	-4.6	-4	92	5.58
2019 Vine	06600E	3415N	54961.72	96	54786.39	121718	21.4	18.5	-17.8	56	51	2.72	24.8	-13.1	-5.8	-7	78	0.6	25.2	-13.9	-4.4	-1	98	5.96
2019 Vine	06600E	3410N	54959.52	96	54784.12	121742	21.4	12	-15.6	61	48	2.78	24.8	-24.8	-4.3	-13	78	0.61	25.2	-22.5	-2.9	-15	98	6.05
2019 Vine	06600E	3405N	54957.56	96	54782.17	121810	21.4	14.7	-17	57	50	2.72	24.8	-20.9	-7.9	-12	82	0.64	25.2	-22	-3.5	-1	100	6.09
2019 Vine	06600E	3400N	54952.25	96	54777.06	121838	21.4	9.7	-15.4	54	51	2.67	24.8	-21.2	-6	-11	80	0.62	25.2	-23.1	-3.2	-7	97	5.91
2019 Vine	06620E	3400N	54979.45	95	54804.47	125342	21.4	20.9	-22.9	81	40	3.24	24.8	9.3	-3.1	20	91	0.71	25.2	18.5	-5.6	37	98	6.38
2019 Vine	06620E	3405N	54983.52	95	54808.52	125414	21.4	30.2	-26.9	67	46	2.93	24.8	27.6	-2.8	-3	86	0.66	25.2	41.2	-7.9	4	100	6.1
2019 Vine	06620E	3410N	54940.78	95	54765.66	125442	21.4	34.5	-28.1	57	52	2.78	24.8	17.4	-3.7	-22	84	0.66	25.2	26.2	-6	-16	98	6.05
2019 Vine	06620E	3415N	54974.55	95	54799.17	125506	21.4	28.8	-32.6	35	54	2.32	24.8	16.1	-3	-53	79	0.73	25.2	19.3	-5.7	-50	97	6.68
2019 Vine	06620E	3420N	54988.75	95	54813.3	125530	21.4	44.1	-31.8	51	51	2.6	24.8	23	-3.8	-30	85	0.7	25.2	29.4	-6.7	-27	98	6.19
2019 Vine	06620E	3425N	54979.52	95	54804.24	125602	21.4	37.3	-25.4	64	49	2.88	24.8	26.6	-4.1	-5	81	0.62	25.2	35.1	-7.7	1	100	6.09
2019 Vine	06620E	3430N	54977.21	95	54801.91	125626	21.4	25.2	-22.2	63	47	2.83	24.8	16.7	-4.3	-6	82	0.63	25.2	22.3	-6.7	0	97	5.91
2019 Vine	06620E	3435N	54974.16	95	54798.78	125646	21.4	23.9	-22.1	64	48	2.88	24.8	18.3	-4.5	-4	81	0.62	25.2	22.9	-7.2	5	101	6.14
2019 Vine	06620E	3440N	54964.55	95	54789.15	125706	21.4	35.3	-25.1	65	47	2.89	24.8	25.2	-3.2	0	76	0.58	25.2	33.8	-7.3	6	98	5.96
2019 Vine	06620E	3445N	54968.59	95	54793.15	125726	21.4	32.4	-25.5	61	48	2.78	24.8	24.6	-2.7	7	78	0.6	25.2	24.9	-6.7	21	94	5.87
2019 Vine	06620E	3450N	54964.69	95	54789.24	125750	21.4	29.5	-24.6	62	47	2.78	24.8	21.3	-2.8	-2	76	0.58	25.2	30.2	-6.8	7	96	5.84
2019 Vine	06620E	3455N	54971.79	95	54796.39	125814	21.4	29.3	-22.6	76	40	3.08	24.8	26	-3.9	14	77	0.6	25.2	35.3	-8.3	31	92	5.89
2019 Vine	06620E	3460N	54970.15	95	54794.64	125842	21.4	30.1	-24.6	67	44	2.89	24.8	27.2	-4.7	7	76	0.59	25.2	36.6	-10.5	18	89	5.54
2019 Vine	06620E	3465N	54970.75	95	54795.15	125906	21.4	24.7	-24	68	42	2.88	24.8	23.6	-7.7	11	75	0.58	25.2	31.1	-11.3	24	92	5.78
2019 Vine	06620E	3470N	54969.53	95	54793.73	125934	21.4	35.4	-26.7	63	46	2.78	24.8	22.2	-8.1	3	76	0.58	25.2	32.1	-12.7	16	92	5.67
2019 Vine	06620E	3475N	54962.73	95	54786.8	130010	21.4	32.7	-25.1	67	47	2.95	24.8	26.7	-9.6	4	77	0.6	25.2	35.3	-14.4	12	88	5.38
2019 Vine	06620E	3480N	54953.12	96	54777.02	130038	21.4	20.9	-23.5	65	45	2.84	24.8	13.7	-12.7	5	74	0.57	25.2	24.5	-15.2	20	90	5.64
2019 Vine	06620E	3485N	54949.01	95	54772.75	130102	21.4	24.8	-22.3	68	44	2.9	24.8	21.8	-12.4	13	75	0.58	25.2	21.9	-18.1	25	87	5.53
2019 Vine	06620E	3490N	54946.11	95	54769.88	130126	21.4	22.6	-22.3	67	46	2.91	24.8	18	-14.4	13	77	0.6	25.2	21.2	-18	26	86	5.48
2019 Vine	06620E	3495N	54937.65	96	54761.33	130158	21.4	22	-23.7	53	50	2.6	24.8	11.6	-15.3	-5	73	0.56	25.2	16.1	-19.2	0	92	5.57

2019 Vine	06620E	3500N	54934.96	95	54758.71	130222	21.4	16.6	-23.1	50	51	2.56	24.8	3.8	-16.6	-10	73	0.57	25.2	6.8	-19.2	-4	93	5.64
2019 Vine	06620E	3505N	54938	95	54761.6	130246	21.4	22.6	-22.4	64	47	2.83	24.8	7.7	-17.9	8	77	0.59	25.2	11.6	-20	22	90	5.66
2019 Vine	06620E	3510N	54942.29	95	54765.56	130318	21.4	16	-19.9	75	44	3.13	24.8	1.9	-18.9	24	73	0.59	25.2	5.1	-20.5	39	88	5.85
2019 Vine	06620E	3515N	54939.49	95	54762.58	130354	21.4	28.6	-22.2	70	45	2.98	24.8	3.7	-18.6	25	71	0.57	25.2	2.9	-21.4	34	87	5.69
2019 Vine	06620E	3520N	54933.81	95	54756.89	130430	21.4	13.2	-19.9	59	51	2.79	24.8	-3.7	-19.2	-4	76	0.58	25.2	-5.7	-19.3	-2	95	5.8
2019 Vine	06620E	3525N	54928.04	96	54751.14	130458	21.4	22.3	-17	73	47	3.12	24.8	16.1	-22.5	21	78	0.62	25.2	16.9	-23.4	36	93	6.08
2019 Vine	06620E	3530N	54921.3	95	54744.46	130522	21.4	11	-15.9	74	46	3.13	24.8	-5.2	-17.1	29	78	0.64	25.2	-4.5	-18.5	42	92	6.16
2019 Vine	06620E	3535N	54918.31	95	54741.41	130550	21.4	26	-18.4	64	49	2.89	24.8	3.3	-15.6	19	80	0.63	25.2	0.6	-17.1	26	94	5.9
2019 Vine	06620E	3540N	54912.5	95	54735.38	130618	21.4	35.5	-21.4	65	50	2.96	24.8	16.3	-14.7	13	78	0.61	25.2	3.4	-16.6	26	93	5.88
2019 Vine	06620E	3545N	54904.83	95	54727.8	130654	21.4	7.1	-12.6	70	50	3.09	24.8	-10	-15	27	79	0.64	25.2	-10.1	-15	38	95	6.24
2019 Vine	06620E	3550N	54896.51	95	54719.26	130722	21.4	19.7	-15.9	68	50	3.05	24.8	-4.1	-13.3	19	74	0.59	25.2	-4.6	-14.1	31	95	6.11
2019 Vine	06620E	3555N	54880.88	95	54703.48	130750	21.4	18.1	-15.4	62	53	2.91	24.8	-6.2	-14.1	5	79	0.61	25.2	-4.2	-14.1	17	102	6.26
2019 Vine	06620E	3560N	54899.08	95	54721.43	130822	21.4	7.8	-12.5	57	57	2.89	24.8	-11.6	-13.9	1	80	0.62	25.2	-9.5	-12.6	3	98	5.96
2019 Vine	06620E	3565N	54893.16	96	54715.32	130850	21.4	15.3	-13.2	48	59	2.71	24.8	-2.3	-13	-14	81	0.63	25.2	-3.1	-12.2	-9	104	6.33
2019 Vine	06620E	3570N	54886.75	95	54708.78	130918	21.4	20.9	-14.9	62	55	2.96	24.8	5.9	-12	28	79	0.64	25.2	8.4	-12.8	57	96	6.81
2019 Vine	06620E	3575N	54876.17	95	54697.69	130950	21.4	20.9	-13.9	54	56	2.81	24.8	-8.2	-10.8	0	79	0.61	25.2	-3	-9.7	7	101	6.14
2019 Vine	06620E	3580N	54874.84	96	54696.41	131018	21.4	16.3	-12.5	67	54	3.08	24.8	-2	-10	23	82	0.65	25.2	3.1	-10.8	32	102	6.47
2019 Vine	06620E	3585N	54874.34	95	54695.84	131054	21.4	12.6	-9.8	76	50	3.24	24.8	-5	-11	31	82	0.68	25.2	-1.3	-9.4	47	101	6.76
2019 Vine	06620E	3590N	54891.32	96	54712.44	131118	21.4	18.4	-11.5	82	50	3.44	24.8	1.5	-9.2	41	79	0.69	25.2	6.8	-8.4	59	95	6.8
2019 Vine	06620E	3595N	54906.14	96	54727.05	131142	21.4	9.1	-8.2	74	52	3.26	24.8	-5.6	-8.2	37	85	0.71	25.2	-4.7	-6.9	53	102	6.98
2019 Vine	06620E	3600N	54907.32	95	54728.13	131206	21.4	17.1	-8.7	78	49	3.31	24.8	2	-6.4	37	78	0.66	25.2	7.5	-7.5	56	96	6.78
2019 Vine	06620E	3605N	54923.78	95	54744.82	131234	21.4	16.2	-8.7	70	52	3.14	24.8	-2.9	-5.8	32	83	0.68	25.2	-2.1	-5	52	101	6.92
2019 Vine	06620E	3610N	55000.42	95	54821.64	131302	21.4	29.7	-11.2	68	56	3.14	24.8	8.4	-5.2	23	81	0.64	25.2	12.2	-5.1	35	101	6.53
2019 Vine	06620E	3615N	55201.01	95	55021.87	131346	21.4	26.2	-10	63	54	2.99	24.8	11.8	-4.6	18	80	0.63	25.2	16.7	-5.7	32	101	6.43
2019 Vine	06620E	3620N	55346.87	95	55167.81	131434	21.4	23.1	-10	71	54	3.2	24.8	13.5	-4.6	38	81	0.68	25.2	15.6	-5.9	58	98	6.94
2019 Vine	06620E	3625N	55291.83	95	55112.97	131506	21.4	31.2	-10.6	77	49	3.29	24.8	12.7	-4.7	34	82	0.68	25.2	21	-5.5	44	101	6.73
2019 Vine	06620E	3630N	55181.92	95	55002.84	131542	21.4	29.1	-11.2	58	56	2.9	24.8	9.6	-4.8	16	81	0.64	25.2	13.2	-5.2	26	99	6.24
2019 Vine	06620E	3635N	55143.78	94	54965.39	131618	21.4	22.6	-11.5	52	58	2.81	24.8	-6.5	-4	9	83	0.64	25.2	-3	-3.5	19	100	6.19
2019 Vine	06620E	3640N	55105.84	95	54926.05	131710	21.4	14	-7.9	90	43	3.56	24.8	-4.7	-7.2	55	77	0.73	25.2	-8	-5.6	77	93	7.33
2019 Vine	06620E	3645N	55084.4	95	54904.75	131750	21.4	20	-10.4	86	44	3.46	24.8	5	-5	57	77	0.74	25.2	10.6	-5.9	75	91	7.18
2019 Vine	06620E	3650N	55075.19	95	54895.69	131814	21.4	20.6	-9.3	84	48	3.47	24.8	6.5	-6	54	80	0.74	25.2	8	-6.6	72	93	7.16
2019 Vine	06620E	3655N	55055.5	95	54875.48	131838	21.4	26.1	-10.7	80	49	3.37	24.8	9.7	-5.6	54	78	0.73	25.2	18	-6.5	72	97	7.35
2019 Vine	06620E	3660N	55035.4	95	54855.67	131926	21.4	23.2	-11.3	64	56	3.06	24.8	4.2	-3.8	23	83	0.66	25.2	4.6	-4.7	35	102	6.58
2019 Vine	06620E	3665N	55032.68	95	54852.72	131958	21.4	10.5	-8.2	67	56	3.14	24.8	-12	-6.5	31	86	0.7	25.2	-10.3	-3.4	43	102	6.72
2019 Vine	06620E	3670N	55045.18	95	54865.07	132114	21.4	28.6	-12.6	66	57	3.15	24.8	-1.5	-2.7	19	84	0.66	25.2	0.4	-2.3	28	101	6.36
2019 Vine	06620E	3675N	55034.31	95	54854.4	132142	21.4	27.9	-13.5	43	60	2.66	24.8	3.1	-1.3	-3	79	0.61	25.2	7	-2.7	0	101	6.16
2019 Vine	06620E	3680N	55019.03	95	54839.55	132218	21.4	26.1	-11.2	65	57	3.11	24.8	10	-5.1	21	82	0.65	25.2	13.1	-5.2	33	102	6.54
2019 Vine	06620E	3685N	55007.72	95	54828.5	132246	21.4	23.6	-11.9	66	58	3.17	24.8	-1.6	-5.8	20	85	0.67	25.2	-5.4	-3.8	33	104	6.64
2019 Vine	06620E	3690N	55002.46	95	54822.83	132310	21.4	23.8	-12.8	61	57	3	24.8	-1.2	-4.1	16	83	0.65	25.2	4.3	-3.9	27	102	6.42
2019 Vine	06620E	3695N	55000.59	95	54820.84	132334	21.4	27.6	-11.1	64	58	3.09	24.8	11.4	-6.7	20	84	0.66	25.2	4.1	-5.5	20	103	6.37
2019 Vine	06620E	3700N	54996.88	95	54817.67	132430	21.4	25.5	-12.2	65	58	3.11	24.8	6	-5.2	22	82	0.66	25.2	4.8	-5.5	38	107	6.9
2019 Vine	06620E	3705N	54996.46	96	54816.84	132458	21.4	17.2	-10.1	63	57	3.04	24.8	-1.6	-4.9	18	85	0.67	25.2	1.4	-4.5	30	106	6.7
2019 Vine	06620E	3710N	54995.34	95	54815.8	132518	21.4	26.2	-12.4	64	55	3.02	24.8	7.8	-4.6	26	86	0.69	25.2	11.2	-4.9	36	101	6.52
2019 Vine	06620E	3715N	54988.07	94	54808.44	132542	21.4	24.9	-11.9	58	58	2.96	24.8	4.3	-3.6	14	79	0.62	25.2	3	-4.1	25	103	6.45
2019 Vine	06620E	3720N	54987.19	95	54807.23	132610	21.4	25.1	-11.6	65	56	3.08	24.8	8.1	-5.6	23	85	0.68	25.2	8.6	-5.2	35	99	6.4
2019 Vine	06620E	3725N	54985.86	95	54805.17	132634	21.4	25.8	-11.6	69	56	3.19	24.8	10.5	-5.6	27	86	0.69	25.2	10.8	-6	37	101	6.56

2019 Vine	06620E	3730N	54983.8	94	54802.73	132658	21.4	21.4	-11.2	74	54	3.28	24.8	3.1	-6.7	36	83	0.7	25.2	4.2	-6.8	51	102	6.95
2019 Vine	06620E	3735N	54983.56	95	54802.01	132726	21.4	26.4	-12.8	71	57	3.24	24.8	9.3	-6.7	30	82	0.67	25.2	13.7	-7.4	43	104	6.84
2019 Vine	06620E	3740N	54984.44	95	54802.55	132758	21.4	25	-11.8	74	54	3.28	24.8	3	-7.5	28	81	0.66	25.2	3.2	-7.3	32	106	6.71
2019 Vine	06620E	3745N	54984.76	95	54802.7	132830	21.4	16.6	-9.9	67	58	3.18	24.8	4.1	-9.3	24	85	0.68	25.2	10.4	-9.2	36	103	6.66
2019 Vine	06620E	3750N	54986.33	95	54804.38	132854	21.4	18.3	-11.7	68	57	3.18	24.8	2.3	-11.5	21	85	0.67	25.2	6.5	-9.9	36	102	6.55
2019 Vine	06620E	3755N	54973.3	95	54791.35	132918	21.4	22.4	-11.2	88	48	3.58	24.8	-3.2	-10.3	29	85	0.69	25.2	1.4	-10.4	38	102	6.63
2019 Vine	06620E	3760N	54958.75	96	54776.58	132946	21.4	18.1	-12.3	69	57	3.19	24.8	-1.6	-10.1	28	86	0.69	25.2	1.3	-10.5	51	103	6.99
2019 Vine	06620E	3765N	54982.5	95	54800.4	133014	21.4	23.3	-12.5	67	58	3.19	24.8	8.7	-9	27	85	0.68	25.2	1.7	-9.4	35	105	6.74
2019 Vine	06620E	3770N	55012.24	95	54830.07	133042	21.4	16.4	-10	68	58	3.21	24.8	-0.7	-7.4	28	88	0.71	25.2	2.3	-7.9	41	107	6.98
2019 Vine	06620E	3775N	55000.84	95	54818.65	133102	21.4	10	-8.6	75	57	3.37	24.8	-7.2	-6.9	34	83	0.69	25.2	-4.4	-6.4	50	106	7.14
2019 Vine	06620E	3780N	55006.77	95	54824.8	133126	21.4	30.1	-12.4	70	56	3.21	24.8	17.9	-6.6	38	87	0.73	25.2	19	-7.1	56	104	7.17
2019 Vine	06620E	3785N	54997.04	95	54815.62	133158	21.4	30.3	-12.9	72	56	3.28	24.8	12.5	-4.5	33	87	0.72	25.2	10	-5.8	46	106	7.05
2019 Vine	06620E	3790N	54991.9	95	54810.75	133226	21.4	2.8	-5.7	78	55	3.43	24.8	-7.4	-5.5	42	87	0.75	25.2	-5.2	-4.2	60	106	7.42
2019 Vine	06620E	3795N	54965.12	95	54784.02	133250	21.4	20.2	-9.3	73	56	3.31	24.8	1.9	-3.3	29	88	0.71	25.2	5.7	-2.9	42	106	6.94
2019 Vine	06620E	3800N	54971.9	95	54790.64	133314	21.4	26.5	-8.4	77	56	3.41	24.8	14	-2.9	40	86	0.73	25.2	21.3	-3.5	57	104	7.22
2019 Vine	06640E	3800N	54983.3	95	54800.26	134202	21.4	25.6	-10.2	30	64	2.53	24.8	3.6	-1.4	-37	87	0.73	25.2	11.5	-1.2	-29	112	7.05
2019 Vine	06640E	3795N	54988.9	96	54805.42	134234	21.4	15.8	-7.8	36	64	2.65	24.8	1.8	-3	-28	86	0.7	25.2	1.3	-1.8	-28	108	6.81
2019 Vine	06640E	3790N	54986.26	95	54802.24	134314	21.4	27.4	-7.2	49	60	2.79	24.8	10.2	-4.4	-5	91	0.7	25.2	6.9	-2.8	2	110	6.67
2019 Vine	06640E	3785N	54964.1	95	54779.87	134354	21.4	5.4	-4.2	52	63	2.92	24.8	-4.4	-4.8	-2	95	0.73	25.2	-4.3	-2.1	9	110	6.73
2019 Vine	06640E	3780N	54955.66	94	54770.98	134434	21.4	-3.5	-1.9	44	65	2.83	24.8	-8.3	-4.9	6	89	0.69	25.2	-14.2	-1.8	25	106	6.59
2019 Vine	06640E	3775N	54953.27	95	54768.2	134518	21.4	1.4	-1.5	87	52	3.64	24.8	1	-5	57	84	0.78	25.2	-0.8	-1.7	80	101	7.84
2019 Vine	06640E	3770N	54967.15	95	54781.88	134550	21.4	-1.3	-1.8	92	48	3.72	24.8	-13.5	-4.6	57	81	0.76	25.2	-22.4	-2.2	61	105	7.4
2019 Vine	06640E	3765N	54970.64	95	54785.31	134734	21.4	-16.3	0.2	61	62	3.11	24.8	-19.3	-7.5	17	87	0.68	25.2	-20	-4.3	18	104	6.44
2019 Vine	06640E	3760N	55051.89	95	54867.08	134830	21.4	5.9	-5.7	49	66	2.96	24.8	-6.6	-10.9	-3	89	0.68	25.2	-4.9	-7.3	-4	109	6.64
2019 Vine	06640E	3755N	55053.24	95	54868.48	134930	21.4	4.3	-7.2	38	66	2.72	24.8	-7.3	-9.9	-25	88	0.7	25.2	-8.9	-7.6	-15	105	6.47
2019 Vine	06640E	3750N	55044.2	95	54859.22	134958	21.4	7.5	-6.8	49	65	2.92	24.8	-2.5	-9.5	6	87	0.67	25.2	2.7	-9	13	108	6.59
2019 Vine	06640E	3745N	55017.72	95	54832.74	135026	21.4	-7.7	-2.5	70	59	3.29	24.8	-20	-10.7	26	86	0.69	25.2	-22.6	-7.2	42	104	6.83
2019 Vine	06640E	3740N	54998.87	94	54814	135106	21.4	-13.1	-0.9	86	51	3.58	24.8	-25.1	-10.2	36	83	0.7	25.2	-24.6	-7	48	101	6.8
2019 Vine	06640E	3735N	54986.62	95	54801.67	135138	21.4	-5.1	-0.9	79	55	3.47	24.8	-10.4	-10.3	39	81	0.69	25.2	-13	-7.4	48	98	6.64
2019 Vine	06640E	3730N	54980.37	95	54795.02	135210	21.4	-6.9	-1.7	67	59	3.21	24.8	-10.4	-10.5	18	86	0.68	25.2	-7.2	-6.4	29	104	6.58
2019 Vine	06640E	3725N	54977.86	95	54792.4	135246	21.4	8.4	-6.3	59	62	3.07	24.8	-7.2	-8.7	11	81	0.63	25.2	-7.8	-5.9	21	104	6.45
2019 Vine	06640E	3720N	54975.93	95	54790.55	135322	21.4	-0.2	-2.5	64	61	3.17	24.8	-10.7	-8.1	15	85	0.67	25.2	-13.9	-4.5	28	103	6.48
2019 Vine	06640E	3715N	54974.52	95	54788.73	135358	21.4	-1.6	-2.7	62	61	3.11	24.8	-11.4	-6.7	10	84	0.65	25.2	-15.3	-3.2	19	104	6.43
2019 Vine	06640E	3710N	54978.28	95	54792.3	135430	21.4	-7	-0.8	66	60	3.21	24.8	-18.9	-6.1	27	82	0.66	25.2	-18.5	-2.3	39	99	6.48
2019 Vine	06640E	3705N	54977.62	95	54791.21	135518	21.4	-4.3	0.1	71	58	3.31	24.8	-12.6	-6.2	25	80	0.64	25.2	-14.9	-2.2	38	98	6.39
2019 Vine	06640E	3700N	54978.81	95	54792.23	135550	21.4	-8.6	0.7	77	57	3.42	24.8	-19.2	-5.1	35	80	0.67	25.2	-25.9	-0.7	48	99	6.7
2019 Vine	06640E	3695N	54985.04	94	54797.91	135626	21.4	-12.9	2.6	68	60	3.24	24.8	-16	-6.5	22	86	0.68	25.2	-17.8	-1.4	39	102	6.62
2019 Vine	06640E	3690N	54983.33	95	54796.68	135706	21.4	1.5	-0.4	81	54	3.5	24.8	-11.1	-4.6	50	80	0.72	25.2	-21.9	0.2	67	94	7
2019 Vine	06640E	3685N	54994.76	95	54808.41	135738	21.4	-12.7	1.8	84	53	3.56	24.8	-29.9	-4.7	38	81	0.69	25.2	-28.3	-0.6	29	98	6.24
2019 Vine	06640E	3680N	54998.05	95	54811.14	135814	21.4	-21.2	3.7	65	61	3.19	24.8	-36.2	-6.9	17	86	0.67	25.2	-31.4	-0.6	30	104	6.6
2019 Vine	06640E	3675N	54999.76	94	54812.61	135850	21.4	-28.2	6	63	62	3.15	24.8	-35.8	-7.5	10	82	0.63	25.2	-35.4	0	23	101	6.28
2019 Vine	06640E	3670N	55004.58	94	54816.94	135930	21.4	-17.8	4.4	63	60	3.11	24.8	-22.3	-6.2	9	82	0.64	25.2	-30	-1	23	103	6.4
2019 Vine	06640E	3665N	55013.64	95	54825.51	140006	21.4	-10.5	1.5	66	60	3.21	24.8	-17.8	-7.6	18	87	0.68	25.2	-21.5	-2.3	31	100	6.38
2019 Vine	06640E	3660N	55021.23	94	54833.27	140042	21.4	-8.8	1.9	82	54	3.51	24.8	-34.8	-5.2	42	80	0.7	25.2	-42.6	0.7	53	93	6.54
2019 Vine	06640E	3655N	55038.19	95	54850.01	140130	21.4	-17.8	5.8	51	62	2.88	24.8	-19.4	-6.3	-7	81	0.62	25.2	-20.3	-0.6	-2	103	6.24
2019 Vine	06640E	3650N	55064.74	95	54876.44	140214	21.4	-2.2	1.3	60	60	3.05	24.8	-14.3	-3.5	17	84	0.66	25.2	-16.6	1.4	25	99	6.24

2019 Vine	06640E	3645N	55089.8	95	54901.11	140250	21.4	3.5	-0.3	80	55	3.46	24.8	-9	-2.2	38	79	0.67	25.2	-8.4	1.8	52	94	6.55
2019 Vine	06640E	3640N	55115.54	94	54926.86	140322	21.4	-4.2	1.7	85	53	3.61	24.8	-15.8	-1.9	46	78	0.7	25.2	-17.3	2.5	64	96	6.99
2019 Vine	06640E	3635N	55161.87	94	54972.98	140350	21.4	-9.2	3	87	50	3.6	24.8	-22.1	-3.7	45	81	0.71	25.2	-23.2	2.3	70	96	7.23
2019 Vine	06640E	3630N	55258.86	95	55069.62	140434	21.4	1.2	0	89	48	3.63	24.8	-20.8	-4.2	51	78	0.72	25.2	-19	2.4	75	96	7.4
2019 Vine	06640E	3625N	55394.67	95	55204.81	140506	21.4	-8.3	0.9	92	48	3.73	24.8	-22.1	-3.2	59	77	0.74	25.2	-17.4	1.6	78	91	7.27
2019 Vine	06640E	3620N	55444.89	94	55255.14	140554	21.4	3.8	-0.2	74	56	3.32	24.8	-6.8	-3.8	26	85	0.68	25.2	-8.4	-0.9	36	97	6.3
2019 Vine	06640E	3615N	54799.49	95	54609.56	140710	21.4	-3.3	-0.2	83	53	3.53	24.8	-20.1	-5.1	41	79	0.68	25.2	-17.5	-0.9	57	94	6.72
2019 Vine	06640E	3610N	54698.65	94	54508.16	140754	21.4	-13.1	1.7	74	56	3.35	24.8	-23.7	-7.3	26	79	0.64	25.2	-30.9	-1	40	95	6.3
2019 Vine	06640E	3605N	54699.22	95	54508.26	140834	21.4	-4.6	-3.7	51	64	2.92	24.8	-20	-6.1	-4	84	0.64	25.2	-14.2	-4.6	-10	100	6.12
2019 Vine	06640E	3600N	54695.93	95	54505.74	141102	21.4	5.4	-2.2	62	61	3.12	24.8	3.6	-9.3	5	83	0.63	25.2	0	-5.6	22	100	6.25
2019 Vine	06640E	3595N	54682.6	95	54491.52	141142	21.4	-2.4	-5.4	50	64	2.92	24.8	-24.1	-8.8	-5	83	0.64	25.2	-21.7	-4.5	12	94	5.76
2019 Vine	06640E	3590N	54699.04	95	54507.68	141222	21.4	-2	-5.2	46	63	2.78	24.8	-21.4	-7.4	-11	82	0.63	25.2	-15	-4.9	-5	100	6.11
2019 Vine	06640E	3585N	54759.35	94	54567.89	141254	21.4	0.2	-3.1	57	63	3.05	24.8	-14.1	-10.7	-1	81	0.62	25.2	-17.1	-6.4	9	103	6.28
2019 Vine	06640E	3580N	54807.48	95	54616.1	141326	21.4	5.5	-4.4	69	57	3.22	24.8	-8.6	-8.5	21	81	0.65	25.2	-13.2	-6.7	31	98	6.27
2019 Vine	06640E	3575N	54844.28	94	54653.11	141358	21.4	-8.3	-4.5	70	56	3.2	24.8	-28	-7.6	21	81	0.64	25.2	-26	-4.6	37	99	6.41
2019 Vine	06640E	3570N	54864.72	95	54673.41	141434	21.4	-1.7	-4.6	60	61	3.08	24.8	-17.2	-12	5	81	0.62	25.2	-20.4	-8.3	17	99	6.1
2019 Vine	06640E	3565N	54877.25	95	54685.48	141510	21.4	-3	-4.1	70	57	3.24	24.8	-23.5	-12.1	17	80	0.63	25.2	-29.8	-7.5	27	95	6
2019 Vine	06640E	3560N	54888.58	95	54696.91	141550	21.4	-8.2	-2.3	70	56	3.22	24.8	-15.2	-13.6	17	78	0.61	25.2	-19.9	-9.7	32	95	6.12
2019 Vine	06640E	3555N	54897.68	95	54706.12	141618	21.4	-9.1	-3.1	77	53	3.35	24.8	-17.7	-12.9	27	79	0.64	25.2	-22.9	-9.5	38	94	6.16
2019 Vine	06640E	3550N	54903.19	95	54712.43	141646	21.4	5.5	-8.7	66	57	3.14	24.8	-20.6	-13.4	15	77	0.6	25.2	-24.2	-9.9	26	94	5.93
2019 Vine	06640E	3545N	54910.19	95	54719.45	141710	21.4	-7	-4.3	60	59	3.02	24.8	-15.6	-17.9	-1	80	0.61	25.2	-20.2	-14.5	9	93	5.67
2019 Vine	06640E	3540N	54910.73	95	54719.13	141806	21.4	-22.2	0	45	58	2.62	24.8	-27.8	-17.7	-21	77	0.61	25.2	-35.4	-14.1	-16	95	5.88
2019 Vine	06640E	3535N	54915.73	95	54724.51	141842	21.4	-11.8	-5.8	49	59	2.74	24.8	-18.7	-18.9	-15	78	0.61	25.2	-24.3	-16.7	-9	92	5.64
2019 Vine	06640E	3530N	54923.81	94	54732.52	141918	21.4	-12.9	-4.7	67	54	3.09	24.8	-27.7	-19.6	16	77	0.61	25.2	-36.6	-16.3	24	88	5.54
2019 Vine	06640E	3525N	54927.92	94	54736.4	141950	21.4	-18.2	-5.1	70	53	3.16	24.8	-34.3	-21.4	21	74	0.59	25.2	-34.7	-18	26	92	5.81
2019 Vine	06640E	3520N	54931.83	95	54740.22	142026	21.4	-2.9	-8.1	72	54	3.21	24.8	-7.8	-24.5	11	76	0.59	25.2	-17.3	-21.7	30	90	5.75
2019 Vine	06640E	3515N	54926.56	95	54735.05	142102	21.4	-11.7	-8	83	47	3.41	24.8	-15.8	-20.3	35	71	0.61	25.2	-19.2	-18.5	52	88	6.24
2019 Vine	06640E	3510N	54953.85	95	54762.07	142138	21.4	3.8	-11.1	74	51	3.23	24.8	-6.8	-24.3	25	75	0.61	25.2	-20.9	-22.7	40	89	5.92
2019 Vine	06640E	3505N	54943.57	95	54751.73	142206	21.4	-3.3	-10.4	69	52	3.08	24.8	-11.1	-29.2	14	75	0.58	25.2	-19.2	-26.1	25	87	5.49
2019 Vine	06640E	3500N	54945.4	94	54753.59	142230	21.4	-4.3	-10.2	67	52	3.04	24.8	-10.9	-25.4	10	73	0.56	25.2	-15.1	-26.6	21	89	5.55
2019 Vine	06640E	3495N	54945.29	94	54753.08	142318	21.4	-21.2	-6.4	57	55	2.85	24.8	-19	-27	-3	72	0.55	25.2	-26.9	-27	3	87	5.27
2019 Vine	06640E	3490N	54948.28	94	54755.76	142406	21.4	-4.2	-11.8	32	55	2.29	24.8	8	-25	-43	66	0.6	25.2	3.6	-28.9	-44	85	5.83
2019 Vine	06640E	3485N	54955.78	95	54762.99	142450	21.4	-2.9	-13.9	36	58	2.45	24.8	1.6	-26	-31	69	0.59	25.2	-1.1	-29	-29	84	5.43
2019 Vine	06640E	3480N	54963.73	95	54771.13	142522	21.4	-5.6	-9.9	65	52	2.98	24.8	-5.6	-27.4	3	75	0.58	25.2	-17	-25.8	17	87	5.39
2019 Vine	06640E	3475N	54959.59	95	54767.48	142602	21.4	-6.4	-10.4	69	51	3.08	24.8	-1.9	-24.6	9	75	0.58	25.2	-4.2	-24.8	19	91	5.67
2019 Vine	06640E	3470N	54960.28	94	54767.98	142638	21.4	-2	-11.2	59	53	2.85	24.8	7.6	-25.2	-2	77	0.59	25.2	1.1	-25.1	11	89	5.45
2019 Vine	06640E	3465N	54959.61	94	54766.91	142710	21.4	3	-13	62	53	2.94	24.8	8.2	-25	0	75	0.57	25.2	3.7	-24.5	12	87	5.32
2019 Vine	06640E	3460N	54965.47	95	54772.52	142742	21.4	2.7	-13.8	56	55	2.82	24.8	6.9	-24.9	-13	76	0.59	25.2	7.4	-26.2	-6	92	5.62
2019 Vine	06640E	3455N	54965.72	94	54772.87	142834	21.4	10.4	-15.5	60	54	2.9	24.8	4.6	-23.5	-4	76	0.58	25.2	1	-23.4	8	89	5.46
2019 Vine	06640E	3450N	54970.9	94	54778.06	142914	21.4	-2.5	-11.8	49	58	2.75	24.8	11.3	-23.3	-18	71	0.57	25.2	4.9	-25.1	-4	90	5.46
2019 Vine	06640E	3445N	54970.66	94	54777.06	143030	21.4	-4.5	-10.4	66	54	3.04	24.8	7.5	-23.6	-2	78	0.6	25.2	2.3	-22.4	13	88	5.43
2019 Vine	06640E	3440N	54979.94	94	54785.64	143114	21.4	10.8	-15.9	60	54	2.91	24.8	9.4	-16.2	10	74	0.57	25.2	9.1	-18.5	23	92	5.75
2019 Vine	06640E	3435N	54975.3	95	54782.36	143210	21.4	8.1	-13.9	63	54	2.97	24.8	21.6	-19.6	-3	77	0.59	25.2	19.4	-22.6	9	91	5.57
2019 Vine	06640E	3430N	54968.03	95	54775.29	143250	21.4	4.6	-13.4	63	56	3.02	24.8	19	-19	-5	79	0.61	25.2	17.1	-21.9	6	92	5.61
2019 Vine	06640E	3425N	54958.42	94	54766.32	143338	21.4	10.3	-18	49	58	2.74	24.8	19.4	-17.5	-22	75	0.6	25.2	21.6	-21.4	-18	92	5.72
2019 Vine	06640E	3420N	54951.6	94	54758.8	143410	21.4	13.5	-17.4	56	56	2.85	24.8	24.9	-18.4	-15	81	0.63	25.2	21.2	-22.2	-3	91	5.52

2019 Vine	06640E	3415N	54955.3	94	54760.88	143454	21.4	14.8	-14.6	72	55	3.25	24.8	33.1	-17.4	5	79	0.61	25.2	35.9	-21.4	20	94	5.83
2019 Vine	06640E	3410N	54951.33	95	54757.6	143526	21.4	2.5	-12.6	70	55	3.18	24.8	17.1	-17.8	-1	79	0.6	25.2	21.5	-21	9	96	5.88
2019 Vine	06640E	3405N	54946	95	54753.14	143606	21.4	16.8	-17.3	71	56	3.22	24.8	29.6	-13.8	8	77	0.59	25.2	31.1	-19.2	19	96	5.93
2019 Vine	06640E	3400N	54945.4	95	54752.91	143638	21.4	14.9	-16.6	73	53	3.23	24.8	31.5	-13.9	0	82	0.63	25.2	43	-20.8	0	97	5.91
2019 Vine	06660E	3400N	54965.26	95	54768.38	150626	21.4	41	-32.2	65	57	3.11	24.8	38.1	-18.7	-1	72	0.55	25.2	46.5	-26.9	6	88	5.35
2019 Vine	06660E	3405N	54964.72	94	54767.85	150650	21.4	45.1	-31.7	69	57	3.2	24.8	40.1	-19.5	-5	75	0.57	25.2	52.7	-27.1	7	89	5.41
2019 Vine	06660E	3410N	54965.7	95	54768.75	150722	21.4	42.8	-35.1	50	57	2.71	24.8	36.1	-20.2	-15	75	0.59	25.2	45.9	-27.9	-1	93	5.66
2019 Vine	06660E	3415N	54960.36	95	54763.36	150810	21.4	26.2	-25.9	58	57	2.92	24.8	31.8	-20.7	-15	74	0.58	25.2	36.8	-26.6	-8	92	5.61
2019 Vine	06660E	3420N	54962.39	95	54765.64	150838	21.4	27.7	-26	63	57	3.05	24.8	29.5	-19.3	-1	73	0.56	25.2	30.4	-24.9	6	88	5.34
2019 Vine	06660E	3425N	54965.73	95	54768.91	150902	21.4	34	-26.4	60	57	2.98	24.8	35.1	-21.3	-6	73	0.56	25.2	41.9	-26.9	0	89	5.43
2019 Vine	06660E	3430N	54957.21	95	54760.53	150930	21.4	44	-29.9	64	54	3	24.8	37.8	-19.9	6	71	0.55	25.2	47	-26.5	14	85	5.25
2019 Vine	06660E	3435N	54960.28	95	54763.63	151002	21.4	50	-30.9	64	53	2.97	24.8	35.8	-19.1	8	71	0.55	25.2	35.5	-25.4	37	85	5.66
2019 Vine	06660E	3440N	54959.65	95	54762.88	151034	21.4	43.1	-26.8	73	51	3.19	24.8	35.8	-19.1	14	70	0.55	25.2	41.9	-26.6	26	89	5.62
2019 Vine	06660E	3445N	54968.68	95	54771.83	151102	21.4	49	-29.2	65	54	3.03	24.8	36.7	-20	6	70	0.54	25.2	44.1	-26.6	15	87	5.36
2019 Vine	06660E	3450N	54971.84	95	54774.97	151134	21.4	44.9	-25.3	81	46	3.33	24.8	30	-18.9	26	69	0.57	25.2	40.5	-24.1	43	83	5.69
2019 Vine	06660E	3455N	54980.01	95	54783.05	151218	21.4	34.5	-22.3	76	49	3.24	24.8	32.4	-22.9	22	74	0.59	25.2	37.4	-26.2	37	86	5.69
2019 Vine	06660E	3460N	54982.13	95	54785.06	151246	21.4	19	-19.1	77	49	3.27	24.8	8.7	-19.4	20	70	0.56	25.2	15.2	-22.5	29	82	5.31
2019 Vine	06660E	3465N	54946.12	95	54748.7	151318	21.4	42	-24.5	78	47	3.26	24.8	28.4	-20.9	21	71	0.57	25.2	32.3	-24.8	33	83	5.47
2019 Vine	06660E	3470N	54953.46	95	54755.54	151354	21.4	34.5	-23.8	64	53	2.97	24.8	18.3	-22	8	70	0.54	25.2	24	-25.3	18	86	5.35
2019 Vine	06660E	3475N	54973.01	94	54774.89	151418	21.4	51.6	-28.2	56	55	2.83	24.8	27.6	-22.4	-6	72	0.55	25.2	24.1	-25.6	-5	86	5.23
2019 Vine	06660E	3480N	54981.46	94	54782.93	151506	21.4	49.8	-27.6	61	53	2.9	24.8	26.8	-21.8	5	68	0.52	25.2	27.7	-26.3	13	85	5.23
2019 Vine	06660E	3485N	54977.38	95	54778.58	151606	21.4	34.3	-22.7	69	51	3.09	24.8	18.7	-24.6	15	72	0.57	25.2	29.6	-27	30	84	5.45
2019 Vine	06660E	3490N	54973.6	95	54774.64	151642	21.4	44.1	-23.4	67	54	3.07	24.8	30.6	-23.5	11	71	0.55	25.2	36.2	-27.7	25	84	5.36
2019 Vine	06660E	3495N	54963.4	94	54764.59	151730	21.4	38.5	-19.4	80	46	3.32	24.8	35.9	-23.8	31	71	0.59	25.2	25.7	-27.1	25	85	5.38
2019 Vine	06660E	3500N	54990.21	95	54791.13	151822	21.4	43	-23.4	76	48	3.22	24.8	6.4	-23.3	22	74	0.59	25.2	3.1	-23.4	40	84	5.66
2019 Vine	06660E	3505N	54974.39	95	54775.21	151918	21.4	29	-20.9	71	52	3.17	24.8	3.7	-21.4	21	75	0.6	25.2	6.8	-22.7	36	87	5.74
2019 Vine	06660E	3510N	54969.97	94	54770.88	151950	21.4	29.9	-20.8	72	53	3.21	24.8	1.6	-20.9	17	73	0.57	25.2	5.2	-22.1	30	88	5.66
2019 Vine	06660E	3515N	54971.3	95	54772.04	152034	21.4	30.6	-18.9	79	49	3.33	24.8	10.1	-19.7	25	70	0.57	25.2	9.2	-21.7	39	90	5.97
2019 Vine	06660E	3520N	54943.44	94	54744.18	152106	21.4	27.3	-18.7	81	49	3.4	24.8	7.7	-19.6	28	72	0.59	25.2	14.4	-21.2	45	87	5.94
2019 Vine	06660E	3525N	54937.76	95	54738.48	152134	21.4	20.9	-17	80	50	3.38	24.8	3.7	-17.6	29	73	0.6	25.2	7.6	-19	46	89	6.08
2019 Vine	06660E	3530N	54937.05	95	54737.8	152158	21.4	24.2	-17.1	78	50	3.32	24.8	-1.3	-15.1	20	73	0.58	25.2	2.7	-16.5	35	91	5.96
2019 Vine	06660E	3535N	54935.95	94	54736.64	152230	21.4	23	-16.1	75	53	3.31	24.8	0.5	-14.7	23	76	0.61	25.2	-2.6	-14.7	38	92	6.04
2019 Vine	06660E	3540N	54936.99	94	54737.48	152258	21.4	34.2	-17.7	69	54	3.15	24.8	13.7	-12.3	18	71	0.57	25.2	16.2	-14.4	23	94	5.88
2019 Vine	06660E	3545N	54937.62	95	54737.83	152338	21.4	35.7	-17	83	51	3.48	24.8	8.5	-10.9	22	78	0.62	25.2	16.1	-12.3	41	90	6.02
2019 Vine	06660E	3550N	54938.7	94	54738.52	152426	21.4	34.5	-16.9	76	52	3.31	24.8	2.8	-9.8	20	77	0.61	25.2	13.4	-11.1	49	89	6.18
2019 Vine	06660E	3555N	54934.77	95	54734.53	152502	21.4	27.4	-13.6	84	49	3.49	24.8	7	-11.8	31	77	0.64	25.2	13.9	-10.6	48	88	6.12
2019 Vine	06660E	3560N	54931.07	95	54730.78	152530	21.4	38.8	-16.4	79	52	3.4	24.8	12.5	-8.9	28	75	0.62	25.2	15	-9.4	45	89	6.09
2019 Vine	06660E	3565N	54927.95	94	54727.95	152618	21.4	22	-13.8	84	52	3.53	24.8	1.7	-8.3	47	71	0.65	25.2	3.2	-9	64	87	6.55
2019 Vine	06660E	3570N	54917.35	94	54717.19	152646	21.4	29	-14.5	67	57	3.17	24.8	10.6	-7.5	6	76	0.58	25.2	13.2	-8.1	18	92	5.72
2019 Vine	06660E	3575N	54912.12	94	54711.88	152718	21.4	38.4	-15.7	62	57	3.03	24.8	4.9	-7.6	1	78	0.6	25.2	6.7	-6.6	8	93	5.68
2019 Vine	06660E	3580N	54903.35	95	54703.39	152758	21.4	33	-15.5	55	60	2.9	24.8	1.3	-7.5	-6	78	0.6	25.2	6.1	-6	0	92	5.58
2019 Vine	06660E	3585N	54906.9	95	54706.3	152846	21.4	30.2	-14.7	56	62	2.99	24.8	2.2	-5.7	-1	78	0.59	25.2	5.4	-5.4	6	97	5.91
2019 Vine	06660E	3590N	54899.61	95	54698.86	152946	21.4	32.5	-13.1	81	55	3.5	24.8	9.4	-6.6	32	77	0.64	25.2	3.2	-6.2	44	92	6.23
2019 Vine	06660E	3595N	54878.89	95	54677.93	153014	21.4	18.9	-9.1	73	58	3.36	24.8	12.5	-6.2	14	78	0.61	25.2	14.8	-7.2	24	94	5.92
2019 Vine	06660E	3600N	54919.41	95	54718.38	153046	21.4	18.6	-11.2	81	55	3.5	24.8	-9.5	-3.9	46	74	0.67	25.2	-5.4	-3.7	62	91	6.71
2019 Vine	06660E	3605N	54967.56	95	54766.08	153126	21.4	19.3	-9.5	82	55	3.56	24.8	4.9	-5.9	37	77	0.66	25.2	5.6	-4.7	57	92	6.58

2019 Vine	06660E	3610N	55035.53	94	54833.78	153154	21.4	19	-8.9	99	44	3.89	24.8	0.1	-5.8	58	75	0.73	25.2	-6.1	-3.6	90	87	7.59
2019 Vine	06660E	3615N	55082.92	95	54881.15	153222	21.4	18	-8.4	102	42	3.93	24.8	-5.9	-3.5	62	72	0.73	25.2	-2.5	-2	89	91	7.71
2019 Vine	06660E	3620N	55106.63	95	54904.74	153302	21.4	19.2	-7.4	83	55	3.56	24.8	-5.5	-1.1	39	76	0.66	25.2	-1.7	-0.3	57	94	6.67
2019 Vine	06660E	3625N	55109.55	95	54907.5	153322	21.4	32.9	-9.8	76	56	3.4	24.8	8	-0.1	27	77	0.63	25.2	4.6	0.6	39	94	6.18
2019 Vine	06660E	3630N	55092.1	95	54889.97	153350	21.4	18.9	-8	74	58	3.37	24.8	-6.2	1.6	19	78	0.62	25.2	-5.3	2.8	33	98	6.31
2019 Vine	06660E	3635N	55088.82	94	54886.39	153418	21.4	36.2	-11.4	75	57	3.38	24.8	9.6	1	30	76	0.62	25.2	13.7	0.7	41	94	6.26
2019 Vine	06660E	3640N	55077.24	94	54874.73	153450	21.4	25.3	-7.6	79	56	3.46	24.8	1.7	0.1	31	75	0.63	25.2	3.2	0.9	43	93	6.23
2019 Vine	06660E	3645N	55056.66	95	54854.27	153534	21.4	20.8	-6.3	92	50	3.77	24.8	9.2	-1.8	55	76	0.72	25.2	13.8	-1.2	75	91	7.17
2019 Vine	06660E	3650N	55042.85	94	54840.39	153602	21.4	26.5	-9.3	88	56	3.74	24.8	1.6	0.2	41	74	0.65	25.2	7.7	1.1	59	92	6.64
2019 Vine	06660E	3655N	55034.49	94	54832.01	153634	21.4	22.1	-7.5	94	50	3.83	24.8	-1.8	-0.5	52	74	0.7	25.2	1.8	0.2	69	90	6.87
2019 Vine	06660E	3660N	55026.95	95	54824.32	153706	21.4	16.9	-5.2	85	55	3.61	24.8	1.3	-1.7	40	80	0.69	25.2	6.8	-0.6	50	92	6.4
2019 Vine	06660E	3665N	55017.7	95	54814.98	153730	21.4	8.6	-5.6	89	55	3.73	24.8	-6.9	-4.2	49	75	0.69	25.2	-1.6	-1.2	58	95	6.74
2019 Vine	06660E	3670N	55008.49	94	54805.69	153806	21.4	20.6	-7.9	84	56	3.62	24.8	3.9	-3.5	29	76	0.62	25.2	3.1	-1.5	42	94	6.25
2019 Vine	06660E	3675N	55003.59	95	54800.94	153842	21.4	24.5	-9.6	81	58	3.58	24.8	3.7	-2.2	39	79	0.68	25.2	-1.6	-1	55	95	6.71
2019 Vine	06660E	3680N	55001.34	94	54799.01	153918	21.4	33.6	-10.7	89	54	3.73	24.8	8.9	-3.2	45	77	0.69	25.2	14.9	-2.6	67	90	6.86
2019 Vine	06660E	3685N	54995.29	94	54793.08	153954	21.4	13.1	-7	77	61	3.51	24.8	-7.9	-3.8	26	83	0.67	25.2	-6	0.1	41	97	6.41
2019 Vine	06660E	3690N	54991.6	95	54789.12	154026	21.4	16.9	-5.7	81	61	3.62	24.8	2.8	-3.7	31	75	0.63	25.2	3.2	-0.6	37	98	6.36
2019 Vine	06660E	3695N	54989.28	94	54786.87	154102	21.4	22.4	-7.9	67	63	3.29	24.8	2.7	-2.1	25	79	0.64	25.2	3.5	-0.9	43	100	6.61
2019 Vine	06660E	3700N	54992.73	95	54790.16	154138	21.4	35.8	-11.4	70	62	3.35	24.8	11.3	-2.1	24	81	0.65	25.2	16.6	-2	35	98	6.33
2019 Vine	06660E	3705N	54992.15	95	54789.46	154210	21.4	26.8	-12	72	61	3.39	24.8	2.8	-3.4	19	79	0.63	25.2	9	-2.2	32	95	6.12
2019 Vine	06660E	3710N	54992.69	94	54789.79	154238	21.4	40	-14.5	75	57	3.39	24.8	15.6	-3.3	40	79	0.68	25.2	22.9	-3.9	51	92	6.38
2019 Vine	06660E	3715N	54996.52	95	54793.45	154318	21.4	32.4	-12.5	71	60	3.34	24.8	2.1	-5.7	23	79	0.63	25.2	6	-4.8	36	98	6.35
2019 Vine	06660E	3720N	54994.37	95	54791.29	154346	21.4	29.1	-11.8	74	61	3.44	24.8	0.4	-7.1	26	77	0.62	25.2	3.1	-5.8	32	96	6.16
2019 Vine	06660E	3725N	55001.28	94	54798.23	154418	21.4	39.4	-16.7	58	67	3.17	24.8	3.8	-8.1	0	84	0.64	25.2	7	-6	9	98	5.98
2019 Vine	06660E	3730N	55016.96	94	54813.88	154554	21.4	32.3	-14.3	67	63	3.31	24.8	0.8	-5.9	11	81	0.63	25.2	0.6	-6.5	21	101	6.26
2019 Vine	06660E	3735N	55015.76	94	54812.64	154622	21.4	38	-16.6	64	65	3.26	24.8	4.7	-6.7	22	82	0.65	25.2	9.3	-7.6	40	104	6.78
2019 Vine	06660E	3740N	55006.81	94	54803.51	154654	21.4	28.4	-13.4	74	62	3.48	24.8	0.5	-7.7	28	83	0.67	25.2	13	-6.9	45	99	6.62
2019 Vine	06660E	3745N	55002.02	94	54798.37	154734	21.4	21.2	-11.9	81	59	3.61	24.8	60.8	-20.4	127	127	1.39	25.2	-0.1	-6	59	102	7.16
2019 Vine	06660E	3750N	54995.9	94	54792.08	154754	21.4	39.6	-14.9	82	59	3.61	24.8	14.3	-4.8	20	42	0.71	25.2	20.5	-7.2	57	98	6.92
2019 Vine	06660E	3755N	54997.43	94	54793.34	154834	21.4	38.2	-16.1	77	61	3.51	24.8	73.5	-3.8	127	127	1.39	25.2	16	-5.1	44	103	6.85
2019 Vine	06660E	3760N	55013.7	94	54809.76	154910	21.4	29.2	-12.4	83	59	3.64	24.8	25.1	-4.9	127	127	2.78	25.2	4.2	-4.1	54	102	7.02
2019 Vine	06660E	3765N	54940.29	94	54736.34	154938	21.4	35.7	-13.5	75	59	3.43	24.8	38.8	-1.5	65	76	3.1	25.2	23.6	-4.6	42	100	6.58
2019 Vine	06660E	3770N	54964.48	95	54760.36	155014	21.4	45.8	-15.7	68	63	3.32	24.8	44.3	0	57	75	2.89	25.2	19.7	-2.5	30	105	6.65
2019 Vine	06660E	3775N	54967.27	95	54763.27	155046	21.4	28.9	-11.7	60	64	3.13	24.8	28.5	-1	46	79	2.83	25.2	7.2	-0.7	13	107	6.54
2019 Vine	06660E	3780N	54967.22	95	54763.18	155114	21.4	43.3	-14.7	60	67	3.22	24.8	41	0.5	52	78	2.9	25.2	24.7	-1	19	105	6.46
2019 Vine	06660E	3785N	54991.97	94	54787.93	155150	21.4	35.8	-13.2	61	64	3.18	24.8	30.1	1	46	79	2.82	25.2	15	1.2	11	102	6.26
2019 Vine	06660E	3790N	55005.1	95	54801.1	155214	21.4	38	-12	42	67	2.84	24.8	39.1	1.8	30	83	2.73	25.2	25.4	0.5	-15	100	6.14
2019 Vine	06660E	3795N	55010.25	95	54806.13	155242	21.4	54.5	-20.5	36	66	2.7	24.8	36	3.9	22	79	2.53	25.2	16.7	2.8	-20	104	6.46
2019 Vine	06660E	3800N	55011.83	94	54807.34	155314	21.4	41.4	-14.4	51	68	3.04	24.8	35.7	2.1	37	75	2.6	25.2	19.1	1.9	0	102	6.2
2019 Vine	06680E	3800N	55001.72	97	54794.95	92346	21.4	-32.2	7.9	71	54	1.59	24.8	-32.6	-1.9	82	85	14.62	25.2	-24.2	-3	34	92	5.95
2019 Vine	06680E	3810N	55003.24	97	54796.89	92542	21.4	-37	7.7	69	56	1.59	24.8	-38.7	-2.8	84	85	14.8	25.2	-31.8	-3.1	35	92	5.99
2019 Vine	06680E	3790N	55001.2	97	54794.9	92718	21.4	31.9	-5.8	72	58	1.66	24.8	32.9	2.3	86	85	14.94	25.2	28.6	2.7	37	94	6.13
2019 Vine	06680E	3780N	54992.53	96	54786.4	92758	21.4	31.6	-5.7	62	65	1.61	24.8	30.5	2.4	70	91	14.23	25.2	18.6	4.2	16	99	6.1
2019 Vine	06680E	3770N	54993.65	96	54787.66	92826	21.4	24.3	-4.3	57	65	1.55	24.8	23.3	0.2	64	97	14.43	25.2	13.4	1.5	6	99	6.02
2019 Vine	06680E	3760N	54994.3	97	54788.34	92858	21.4	20.4	-8.2	62	65	1.6	24.8	30.4	-0.3	73	92	14.59	25.2	13.5	0	21	98	6.08
2019 Vine	06680E	3750N	55003.1	97	54796.83	92942	21.4	16	-5.4	65	65	1.65	24.8	17.8	-2.2	78	92	14.97	25.2	5.8	0.1	27	96	6.05

2019 Vine	06680E	3740N	55005.39	98	54798.89	93014	21.4	24.6	-6.5	84	58	1.83	24.8	25.1	-2.2	104	81	16.34	25.2	16.2	-2.6	47	94	6.38
2019 Vine	06680E	3730N	54987.82	97	54781.24	93050	21.4	-6.8	-3.8	69	64	1.69	24.8	-11.9	-7.8	81	92	15.17	25.2	-6.3	-3.3	38	96	6.29
2019 Vine	06680E	3720N	55148.47	96	54941.9	93126	21.4	-4.4	-5.7	67	65	1.67	24.8	-4.1	-8.8	74	90	14.45	25.2	-23.1	-4.7	24	95	5.99
2019 Vine	06680E	3710N	54989.35	96	54783.1	93202	21.4	8.5	-6.2	60	66	1.6	24.8	11.3	-6.6	70	89	14.01	25.2	-4.5	-5.4	18	97	5.99
2019 Vine	06680E	3700N	54912.01	96	54706.04	93234	21.4	-9.8	-2.1	73	59	1.68	24.8	-9.4	-6.9	82	87	14.77	25.2	-15.7	-2.7	40	92	6.09
2019 Vine	06680E	3690N	54987.99	97	54782.17	93314	21.4	3.5	-3.8	67	62	1.64	24.8	4	-4	82	85	14.61	25.2	-10.5	-1.7	32	91	5.88
2019 Vine	06680E	3680N	54993.92	96	54788.06	93346	21.4	1.2	-3.7	67	63	1.64	24.8	0	-2.6	79	90	14.79	25.2	-19.6	1.6	29	92	5.9
2019 Vine	06680E	3670N	54999.89	97	54794.15	93418	21.4	11.4	-2.3	71	58	1.64	24.8	10.8	0	86	85	14.99	25.2	-4	2.5	37	91	5.95
2019 Vine	06680E	3660N	55007.82	97	54802.01	93450	21.4	14.9	-3.8	85	56	1.83	24.8	9.2	0.8	102	79	15.95	25.2	-9.6	4.2	55	87	6.25
2019 Vine	06680E	3650N	55022.2	96	54816.15	93518	21.4	8.9	-2.9	88	55	1.86	24.8	2.9	0	103	78	15.98	25.2	-15.4	4.4	54	86	6.17
2019 Vine	06680E	3640N	55026.55	97	54820.21	93554	21.4	11.4	-3.7	85	56	1.83	24.8	2.8	-0.1	102	78	15.86	25.2	-13.8	4.3	52	86	6.1
2019 Vine	06680E	3630N	55033.39	97	54826.95	93622	21.4	7.8	-2.8	90	57	1.9	24.8	10.6	0.1	104	79	16.12	25.2	-2.3	2.9	52	89	6.3
2019 Vine	06680E	3620N	55036.26	96	54829.7	93650	21.4	3.9	-1.9	79	57	1.75	24.8	3.5	-1.2	95	82	15.48	25.2	-12.3	2.5	42	85	5.78
2019 Vine	06680E	3610N	55036.64	97	54829.87	93722	21.4	8.1	-3.7	84	57	1.82	24.8	6.7	-1.8	100	79	15.71	25.2	-12	1.3	48	86	6.01
2019 Vine	06680E	3600N	55033.21	96	54826.28	93802	21.4	13.5	-5	68	63	1.66	24.8	11.4	-1.6	77	84	14.08	25.2	-5.5	0.9	23	89	5.6
2019 Vine	06680E	3590N	55017.62	97	54810.58	93830	21.4	6.5	-3.3	68	64	1.67	24.8	5.6	-1	79	87	14.51	25.2	-10	2.8	21	88	5.49
2019 Vine	06680E	3580N	54993.7	96	54786.72	93902	21.4	-10.7	-1.2	76	59	1.73	24.8	-13.3	-5.5	89	83	15.08	25.2	-17.9	-0.7	34	86	5.64
2019 Vine	06680E	3570N	54972.44	96	54765.77	93938	21.4	-3.8	-3.9	81	56	1.75	24.8	-6.2	-5	97	79	15.49	25.2	-22	-1	44	85	5.83
2019 Vine	06680E	3560N	54996.7	97	54790.23	94018	21.4	2.4	-5.1	88	55	1.85	24.8	3	-5.3	96	79	15.41	25.2	-19.8	-4.1	34	82	5.4
2019 Vine	06680E	3550N	54968.67	96	54762.75	94146	21.4	-10.1	-3.9	102	47	2	24.8	-10.4	-5.8	126	60	17.19	25.2	-20.3	-4.1	74	74	6.38
2019 Vine	06680E	3540N	54970.52	96	54764.99	94302	21.4	-6.4	-6.7	84	57	1.81	24.8	3.1	-7.6	48	39	15.38	25.2	-14.2	-6.6	42	85	5.77
2019 Vine	06680E	3530N	54976	96	54770.62	94338	21.4	12.9	-8.9	71	62	1.69	24.8	13.4	-8.7	79	84	14.28	25.2	-2.8	-11.9	19	88	5.49
2019 Vine	06680E	3520N	55071.98	96	54866.73	94414	21.4	9.7	-11.1	62	66	1.62	24.8	6.1	-10.5	69	83	13.44	25.2	-11.1	-13.2	13	86	5.32
2019 Vine	06680E	3510N	55462.75	96	55257.58	94450	21.4	14.7	-11.9	69	61	1.65	24.8	10.9	-9	86	77	14.33	25.2	-0.4	-13.8	23	83	5.24
2019 Vine	06680E	3500N	54249.62	97	54044.49	94522	21.4	15.2	-11.7	73	63	1.72	24.8	22.1	-8.8	76	79	13.61	25.2	10.3	-15.6	21	86	5.36
2019 Vine	06680E	3490N	54935.63	96	54730.37	94614	21.4	21.4	-13.5	82	56	1.77	24.8	28.3	-8.8	88	77	14.51	25.2	9.6	-17.6	26	82	5.26
2019 Vine	06680E	3480N	54963.61	97	54758.36	94642	21.4	22.8	-13.3	81	60	1.81	24.8	33.9	-9	88	78	14.55	25.2	18.7	-18.6	33	84	5.51
2019 Vine	06680E	3470N	54981.91	97	54776.53	94710	21.4	20.3	-15.3	80	61	1.8	24.8	23.1	-11	86	79	14.44	25.2	10.4	-20.4	34	85	5.58
2019 Vine	06680E	3460N	54995.64	97	54790.23	94742	21.4	20.4	-15.4	93	57	1.94	24.8	27.4	-10.4	98	73	15.17	25.2	11.8	-20.8	42	81	5.55
2019 Vine	06680E	3450N	54950.42	97	54744.93	94818	21.4	26.8	-16.6	101	49	2.01	24.8	29.2	-10.4	113	68	16.31	25.2	15.1	-21.1	57	78	5.86
2019 Vine	06680E	3440N	55020.78	97	54815.48	94850	21.4	12.6	-16.8	95	56	1.97	24.8	21.2	-12.2	102	75	15.65	25.2	8.7	-23.8	50	82	5.87
2019 Vine	06680E	3430N	55030.94	97	54825.79	94930	21.4	27	-18.6	86	60	1.89	24.8	35.1	-12.7	92	79	14.99	25.2	28.5	-29.2	33	82	5.37
2019 Vine	06680E	3420N	54989.53	96	54784.47	95002	21.4	24.5	-21.7	76	64	1.78	24.8	26.9	-14.2	77	84	14.1	25.2	24.5	-29.8	15	82	5.09
2019 Vine	06680E	3410N	54986.7	97	54781.87	95038	21.4	29.6	-25.2	60	70	1.65	24.8	43	-14.3	58	93	13.58	25.2	42.7	-33.6	-1	89	5.42
2019 Vine	06680E	3400N	54986.32	97	54781.69	95106	21.4	28.8	-23.8	75	70	1.83	24.8	37.6	-15	72	90	14.21	25.2	36.7	-32.9	9	81	4.98
2019 Vine	06700E	3400N	54974.61	97	54770.41	95718	21.4	45.8	-31.3	98	59	2.05	24.8	52.9	-18.4	105	77	16.06	25.2	44.8	-31	43	79	5.49
2019 Vine	06700E	3410N	54986.8	96	54782.79	95754	21.4	54.2	-32.2	100	58	2.07	24.8	65	-17.7	108	74	16.19	25.2	56.6	-31.1	44	77	5.38
2019 Vine	06700E	3420N	55052.56	97	54848.79	95834	21.4	44.1	-29.5	98	58	2.04	24.8	52.1	-18.2	98	79	15.53	25.2	29	-29.4	28	84	5.37
2019 Vine	06700E	3430N	55002.9	97	54799.12	95918	21.4	42.7	-27.7	98	56	2.02	24.8	37.2	-17.5	90	84	15.22	25.2	34.9	-26.9	33	81	5.31
2019 Vine	06700E	3440N	54953.35	97	54749.73	95954	21.4	52	-28.1	88	62	1.92	24.8	61.8	-13.8	94	80	15.21	25.2	45.8	-24.7	32	80	5.25
2019 Vine	06700E	3450N	54963.61	96	54760.07	100042	21.4	47.3	-25.7	93	60	1.99	24.8	53.9	-13.5	93	75	14.78	25.2	38.1	-21.1	32	77	5.09
2019 Vine	06700E	3460N	54980.67	96	54777.18	100122	21.4	62.3	-27.3	95	58	1.98	24.8	46.3	-12.7	101	72	15.4	25.2	28	-18.1	42	80	5.49
2019 Vine	06700E	3470N	54992.28	97	54788.89	100202	21.4	28.9	-21	91	63	1.97	24.8	38.9	-12.6	92	79	15.02	25.2	20.6	-17.4	29	81	5.25
2019 Vine	06700E	3480N	54993.89	97	54790.53	100242	21.4	39.9	-23.1	83	63	1.86	24.8	40.1	-12.6	81	79	13.97	25.2	17.7	-15.8	18	83	5.16
2019 Vine	06700E	3490N	54943.15	97	54739.79	100318	21.4	37.8	-21.9	73	68	1.79	24.8	46.8	-11.5	78	81	13.91	25.2	21.4	-14.3	18	85	5.27
2019 Vine	06700E	3500N	54904.53	96	54701.34	100410	21.4	38.6	-21	84	63	1.88	24.8	35.3	-11.4	88	81	14.78	25.2	14.5	-12.2	28	82	5.28

2019 Vine	06700E	3510N	55023.87	96	54820.78	100446	21.4	42.7	-18.6	103	53	2.08	24.8	55.9	-8.9	107	71	15.94	25.2	15.8	-10.3	36	82	5.43
2019 Vine	06700E	3520N	55007.05	97	54804.06	100526	21.4	29.4	-16.2	100	57	2.06	24.8	31.5	-9.4	107	72	15.91	25.2	8.4	-8.4	50	82	5.87
2019 Vine	06700E	3530N	54990.58	97	54787.41	100618	21.4	36.1	-16	120	45	2.28	24.8	35.2	-9.4	127	58	17.24	25.2	8.4	-6.8	70	75	6.26
2019 Vine	06700E	3540N	55010.07	96	54806.94	100658	21.4	30.5	-14.4	119	47	2.29	24.8	29.8	-7.5	67	31	18.41	25.2	4.9	-5.4	79	76	6.66
2019 Vine	06700E	3550N	55022.4	96	54819.29	100730	21.4	19.4	-12.1	119	50	2.3	24.8	23.3	-7.6	66	31	18.11	25.2	8.9	-4.8	74	77	6.49
2019 Vine	06700E	3560N	55016.7	96	54813.55	100802	21.4	26.3	-12.7	114	52	2.24	24.8	20.5	-5.8	67	33	18.59	25.2	1.8	-1.1	78	79	6.73
2019 Vine	06700E	3570N	55006.24	97	54803.11	100934	21.4	16	-9.2	72	75	1.86	24.8	15.1	-3.3	39	46	15.02	25.2	-2.7	3.8	13	89	5.47
2019 Vine	06700E	3580N	55009.7	96	54806.59	101014	21.4	21.9	-9.3	78	73	1.91	24.8	17.3	-2.6	82	91	15.18	25.2	0.2	5.3	14	87	5.35
2019 Vine	06700E	3590N	55013.43	97	54810.58	101114	21.4	13.7	-6.5	111	59	2.25	24.8	5	-2.8	123	75	17.84	25.2	-9.6	5.1	65	84	6.43
2019 Vine	06700E	3600N	55017.49	97	54815.23	101250	21.4	24.2	-10	106	64	2.22	24.8	23.3	-1.4	56	39	16.96	25.2	5.9	4.5	51	86	6.12
2019 Vine	06700E	3610N	55014.6	97	54812.47	101326	21.4	15.3	-8.9	104	66	2.2	24.8	14.3	-2.2	54	41	16.93	25.2	-7.6	4.7	47	87	6.03
2019 Vine	06700E	3620N	55015.89	97	54813.65	101358	21.4	23.7	-9.5	94	72	2.13	24.8	25	-1	48	44	16.34	25.2	5.6	5.1	36	92	5.99
2019 Vine	06700E	3630N	55015.27	96	54812.74	101426	21.4	24.6	-9.7	106	66	2.23	24.8	21.4	-1.5	113	83	17.28	25.2	4.2	5.4	50	87	6.08
2019 Vine	06700E	3640N	55020.25	97	54817.56	101502	21.4	16.4	-7.5	93	72	2.1	24.8	17.7	-1.2	95	94	16.51	25.2	0.1	6	30	92	5.87
2019 Vine	06700E	3650N	55015.63	97	54812.75	101538	21.4	21	-9.6	90	75	2.1	24.8	0.7	-3.8	92	95	16.35	25.2	-13	5.4	33	92	5.96
2019 Vine	06700E	3660N	55007.29	97	54804.36	101638	21.4	17.1	-9.7	96	74	2.17	24.8	21.4	-2.3	92	90	15.91	25.2	-0.2	3.9	32	92	5.95
2019 Vine	06700E	3670N	55014.27	97	54811.56	101706	21.4	19.9	-11	103	70	2.23	24.8	21.1	-4.1	106	89	17.11	25.2	2.6	0.6	44	90	6.08
2019 Vine	06700E	3680N	55023.01	96	54820.54	101738	21.4	16.4	-8.7	105	72	2.28	24.8	19.4	-4.2	106	84	16.77	25.2	1.9	0.3	47	94	6.36
2019 Vine	06700E	3690N	55014.97	97	54812.6	101810	21.4	20.6	-10.4	109	72	2.33	24.8	22.4	-3.7	114	87	17.67	25.2	4.6	0.3	55	92	6.55
2019 Vine	06700E	3700N	55019.69	97	54817.39	101846	21.4	23.3	-10.3	103	74	2.26	24.8	24.1	-2.8	102	90	16.85	25.2	1.2	1.1	46	97	6.52
2019 Vine	06700E	3710N	55018.67	97	54816.33	101918	21.4	27.8	-12.8	103	75	2.29	24.8	28.8	-3.9	104	89	16.94	25.2	10.9	-1.1	46	97	6.54
2019 Vine	06700E	3720N	55012.82	97	54810.6	101954	21.4	24.7	-11.5	85	80	2.09	24.8	19.6	-6.1	91	99	16.59	25.2	-1.3	-1.8	31	100	6.38
2019 Vine	06700E	3730N	54997.1	96	54795.3	102054	21.4	27.8	-11.2	91	82	2.19	24.8	29.9	-4	100	97	17.23	25.2	10.8	-0.4	41	102	6.72
2019 Vine	06700E	3740N	55003.4	96	54801.79	102334	21.4	38.8	-11.4	90	83	2.19	24.8	38.7	0.5	89	99	16.47	25.2	23.9	3.7	26	101	6.36
2019 Vine	06700E	3750N	55000.38	97	54798.63	102410	21.4	35	-9.1	107	76	2.36	24.8	32.9	1.5	110	93	17.77	25.2	15.7	6.1	51	100	6.82
2019 Vine	06700E	3760N	55002.34	96	54800.56	102434	21.4	46.9	-11.7	108	74	2.33	24.8	38.4	3.4	90	91	15.83	25.2	23.3	7.8	31	97	6.2
2019 Vine	06700E	3770N	54993.45	97	54791.64	102506	21.4	36.3	-9.6	113	73	2.4	24.8	36.6	2.2	111	83	17.2	25.2	27.1	6.9	56	95	6.7
2019 Vine	06700E	3780N	54993.65	97	54791.86	102534	21.4	37.2	-9.8	112	73	2.39	24.8	40.5	3	106	85	16.86	25.2	31	7	49	95	6.5
2019 Vine	06700E	3790N	54994.76	97	54793.08	102558	21.4	35.4	-9.6	116	68	2.41	24.8	43.6	2.8	112	81	17.15	25.2	35.1	6.1	57	94	6.72
2019 Vine	06700E	3800N	54999.34	96	54797.92	102630	21.4	51.9	-15.4	94	76	2.16	24.8	49.5	2.2	89	88	15.44	25.2	33.9	4.7	25	94	5.92
2019 Vine	06720E	3800N	54973.36	97	54773.63	104734	21.4	5.4	-0.1	104	87	2.43	24.8	32.4	7.7	100	94	17.03	25.2	35.1	6.7	45	95	6.39
2019 Vine	06720E	3790N	54972.38	96	54772.65	104842	21.4	26.3	-3.4	88	94	2.31	24.8	27.7	8.2	75	107	16.12	25.2	26.5	7.7	6	101	6.17
2019 Vine	06720E	3780N	54970.77	97	54771.13	104910	21.4	57.4	-7	69	98	2.14	24.8	50.3	11.5	55	108	14.98	25.2	43.5	7.2	-16	103	6.32
2019 Vine	06720E	3770N	54971.46	96	54772	104942	21.4	27.5	-2.4	54	101	2.05	24.8	33.6	10.2	37	115	14.93	25.2	27.1	7.7	-32	102	6.48
2019 Vine	06720E	3760N	54974.13	96	54775.02	105018	21.4	34.3	-2.9	86	92	2.26	24.8	36.6	11.4	80	107	16.54	25.2	32.2	10.4	17	104	6.4
2019 Vine	06720E	3750N	54975.14	97	54776.12	105050	21.4	29.3	-1.5	116	90	2.62	24.8	20.6	8.5	117	95	18.59	25.2	16	10.9	54	102	7.01
2019 Vine	06720E	3740N	54972.61	96	54773.54	105142	21.4	17.5	0	108	96	2.58	24.8	19.6	7.7	101	106	18.02	25.2	10.8	10.7	35	104	6.7
2019 Vine	06720E	3730N	54970.85	96	54771.86	105214	21.4	12.2	0.2	127	88	2.75	24.8	10.1	4.7	121	103	19.61	25.2	5.1	8.6	54	105	7.18
2019 Vine	06720E	3720N	54978.85	96	54780.05	105334	21.4	15.3	-2.9	58	47	2.66	24.8	13.7	4	102	101	17.68	25.2	-3.6	7.2	30	102	6.45
2019 Vine	06720E	3710N	54981.01	96	54782.38	105414	21.4	3.7	-2.3	56	48	2.66	24.8	0.1	0.4	101	104	17.85	25.2	-9.5	4.9	31	103	6.53
2019 Vine	06720E	3700N	54982.95	97	54784.54	105450	21.4	11	-5.8	55	48	2.63	24.8	11.5	-0.1	92	103	17.13	25.2	-5.5	2.7	26	102	6.41
2019 Vine	06720E	3690N	54980.45	96	54782.34	105554	21.4	-14.7	0.1	58	48	2.7	24.8	-14.2	-2.8	99	101	17.42	25.2	-25	3.8	33	100	6.43
2019 Vine	06720E	3680N	54991.5	96	54793.6	105638	21.4	-16.5	0.9	55	47	2.61	24.8	-14.9	-3.5	98	100	17.26	25.2	-32.6	3.4	32	98	6.27
2019 Vine	06720E	3670N	54984.94	96	54787.12	105754	21.4	11.9	-6	59	47	2.69	24.8	8.7	-1.1	96	98	16.97	25.2	-9.4	1.4	33	96	6.2
2019 Vine	06720E	3660N	54976.78	96	54779.33	105854	21.4	2.1	-0.5	50	47	2.48	24.8	1.3	-0.5	79	104	16.13	25.2	-1.1	3	9	96	5.89
2019 Vine	06720E	3650N	54978.8	96	54781.59	105946	21.4	13.4	-3.8	58	46	2.64	24.8	10.8	2.6	96	99	17.03	25.2	-8.8	7	29	95	6.05

2019 Vine	06720E	3640N	54978.5	96	54781.42	110022	21.4	-1	-0.4	66	43	2.84	24.8	-1.3	2.1	114	91	18.02	25.2	-15.1	8.5	51	91	6.34
2019 Vine	06720E	3630N	54986.59	97	54789.57	110054	21.4	10.8	-1.3	71	37	2.87	24.8	6.7	3	125	82	18.44	25.2	-5.2	8.1	68	92	6.96
2019 Vine	06720E	3620N	54988.56	96	54791.56	110126	21.4	-1	-0.6	54	45	2.54	24.8	-16.9	-0.3	48	49	16.91	25.2	-5.9	7.6	18	96	5.92
2019 Vine	06720E	3610N	54986.15	96	54789.21	110242	21.4	10.4	-2	56	45	2.57	24.8	6.8	1.9	93	98	16.74	25.2	-4.8	7.4	23	93	5.82
2019 Vine	06720E	3600N	54987.42	96	54790.5	110414	21.4	-9	1.5	56	45	2.58	24.8	-14.1	1.4	94	96	16.56	25.2	-31	11.1	26	93	5.91
2019 Vine	06720E	3590N	54983.84	96	54787.38	110534	21.4	13.2	-2.6	40	49	2.28	24.8	8.8	3.6	69	104	15.44	25.2	-3.5	8.9	-5	97	5.89
2019 Vine	06720E	3580N	54982.5	96	54786.22	110614	21.4	-4.2	0.3	123	84	2.66	24.8	-2.3	2.4	124	82	18.41	25.2	-12.6	9.3	61	88	6.53
2019 Vine	06720E	3570N	54981.48	96	54785.45	110646	21.4	-10.6	-0.6	69	39	2.84	24.8	-7.8	0	58	41	17.68	25.2	-20.3	7.4	50	89	6.19
2019 Vine	06720E	3560N	54984	96	54788.05	110722	21.4	4.4	-2.4	66	41	2.8	24.8	19	0.2	58	43	17.96	25.2	1	3.7	49	89	6.19
2019 Vine	06720E	3550N	54988.8	97	54792.85	110754	21.4	3.1	-5	63	42	2.7	24.8	0.9	-2.1	57	43	17.73	25.2	-11.6	2.3	47	91	6.22
2019 Vine	06720E	3540N	54997.97	97	54802.01	110822	21.4	5.5	-6.1	63	41	2.69	24.8	4.4	-4.6	43	49	16.33	25.2	-10	-1.8	24	89	5.6
2019 Vine	06720E	3530N	54960.68	96	54764.83	110918	21.4	0.5	-5.5	60	41	2.61	24.8	1.9	-4.7	101	92	16.83	25.2	-1.6	-3.1	24	90	5.69
2019 Vine	06720E	3520N	54967.87	96	54772.34	111006	21.4	-1.5	-7.8	46	48	2.37	24.8	13.6	-6.4	72	101	15.29	25.2	2.2	-7.8	0	92	5.58
2019 Vine	06720E	3510N	54963.77	96	54768.33	111314	21.4	10.2	-10.3	113	90	2.58	24.8	9.3	-6.7	96	96	16.85	25.2	-13.6	-6.7	28	89	5.66
2019 Vine	06720E	3500N	54958.98	96	54763.55	111342	21.4	0.1	-9.4	127	83	2.71	24.8	3.5	-8.2	105	91	17.19	25.2	-3.7	-10.6	27	87	5.57
2019 Vine	06720E	3490N	54965.61	96	54770.24	111426	21.4	3.4	-9.2	63	42	2.71	24.8	9.2	-8.3	103	88	16.76	25.2	1.5	-10.9	37	89	5.89
2019 Vine	06720E	3480N	54957.35	96	54762.25	111506	21.4	11.5	-13.1	65	41	2.78	24.8	15.2	-7	107	87	17.07	25.2	0	-11.4	37	86	5.68
2019 Vine	06720E	3470N	54944.86	97	54749.94	111542	21.4	12.3	-13.4	51	47	2.51	24.8	9.7	-10.8	86	96	15.98	25.2	-3.7	-15.1	13	89	5.45
2019 Vine	06720E	3460N	54945.83	96	54751.1	111626	21.4	8.5	-13.2	70	39	2.9	24.8	12.6	-8.9	118	85	18.01	25.2	2.4	-13.5	48	85	5.94
2019 Vine	06720E	3450N	54969.24	96	54774.67	111702	21.4	11.2	-15.6	61	44	2.68	24.8	16.4	-10.8	102	95	17.19	25.2	7.9	-17.4	26	87	5.5
2019 Vine	06720E	3440N	54989.74	96	54795.2	111734	21.4	21.4	-17.8	55	48	2.62	24.8	26.1	-12.5	87	98	16.15	25.2	22.6	-21.6	17	89	5.53
2019 Vine	06720E	3430N	54747.41	96	54552.93	111802	21.4	9.9	-16.2	61	45	2.72	24.8	28.6	-13.1	99	96	17.08	25.2	20.3	-23.1	25	89	5.62
2019 Vine	06720E	3420N	54924.55	95	54730.43	111854	21.4	-1.2	-16.5	54	48	2.6	24.8	5	-17	84	97	15.9	25.2	3.4	-23.4	15	91	5.63
2019 Vine	06720E	3410N	54966.78	96	54772.8	111938	21.4	7.1	-19.2	57	46	2.64	24.8	16.8	-15.7	99	95	16.91	25.2	11	-24.4	30	89	5.74
2019 Vine	06720E	3400N	54962.91	96	54769.06	112010	21.4	14.2	-21.3	63	46	2.81	24.8	26.8	-16.9	102	93	17.11	25.2	20.3	-26.8	39	89	5.9
2019 Vine	06740E	3400N	54950.55	96	54757.15	112350	21.4	30.6	-30	59	45	2.65	24.8	34.4	-19.7	102	91	16.95	25.2	18	-24.5	28	90	5.74
2019 Vine	06740E	3410N	54983.06	96	54789.74	112422	21.4	30	-30.9	52	47	2.52	24.8	39.1	-19	80	95	15.37	25.2	22.3	-23	10	91	5.55
2019 Vine	06740E	3420N	54991.85	96	54798.55	112458	21.4	34.6	-32.5	46	50	2.43	24.8	39.6	-18.8	71	99	15.11	25.2	25.3	-21.8	0	91	5.52
2019 Vine	06740E	3430N	54993.95	96	54800.67	112550	21.4	32.5	-30.8	48	49	2.46	24.8	35.7	-17.8	79	101	15.85	25.2	19.8	-20.1	6	89	5.41
2019 Vine	06740E	3440N	55019.88	96	54826.54	112630	21.4	26.2	-26.8	122	93	2.74	24.8	35.4	-14.4	100	90	16.64	25.2	14.2	-16.3	32	87	5.61
2019 Vine	06740E	3450N	54918.04	96	54725.06	112806	21.4	33.7	-22.7	76	37	3.03	24.8	37.7	-13.4	125	78	18.21	25.2	24.2	-16.1	51	81	5.8
2019 Vine	06740E	3460N	54986.75	96	54793.96	112838	21.4	28.4	-21.1	78	36	3.08	24.8	36	-12	65	38	18.74	25.2	25.3	-14.5	58	79	5.96
2019 Vine	06740E	3470N	54997.92	96	54805.17	112910	21.4	24.4	-21	76	38	3.03	24.8	29.7	-11.7	63	40	18.47	25.2	19.6	-13.4	52	82	5.94
2019 Vine	06740E	3480N	54988.63	96	54795.9	112934	21.4	21.9	-19.1	66	44	2.85	24.8	29.5	-11.3	53	45	17.38	25.2	17.3	-11.4	34	88	5.73
2019 Vine	06740E	3490N	54990.14	96	54797.51	112958	21.4	31.2	-19.7	64	44	2.8	24.8	31.5	-8.9	51	43	16.58	25.2	17.7	-7.4	32	84	5.47
2019 Vine	06740E	3500N	54996.75	96	54804.32	113030	21.4	41.3	-20.5	70	41	2.93	24.8	48.3	-6.4	54	42	17.07	25.2	39.7	-7.2	38	88	5.81
2019 Vine	06740E	3510N	54999.92	96	54807.32	113258	21.4	36.5	-19	70	41	2.9	24.8	28.9	-6.1	53	43	17.05	25.2	16.5	-3.5	38	89	5.92
2019 Vine	06740E	3520N	54996.73	95	54804.3	113330	21.4	31.8	-17.7	67	44	2.86	24.8	28.2	-5.5	56	43	17.54	25.2	5.6	-1.7	49	88	6.13
2019 Vine	06740E	3530N	54988.7	96	54796.34	113410	21.4	17.8	-13.3	79	38	3.15	24.8	20.2	-6.5	65	40	18.94	25.2	12.7	-2.9	66	82	6.4
2019 Vine	06740E	3540N	54998.81	95	54806.73	113442	21.4	21.4	-11.8	92	26	3.42	24.8	27.3	-5.3	65	37	18.62	25.2	9.6	-0.6	62	88	6.55
2019 Vine	06740E	3550N	55001.26	96	54809.5	113522	21.4	18.5	-13.3	81	38	3.2	24.8	12.2	-4.2	63	41	18.67	25.2	-7.9	2.7	55	86	6.19
2019 Vine	06740E	3560N	54995.56	96	54803.93	113550	21.4	20	-12	66	47	2.9	24.8	16.1	-2.6	49	48	17.01	25.2	1	4.9	28	91	5.82
2019 Vine	06740E	3570N	54982.09	96	54790.56	113650	21.4	11.3	-8.7	75	44	3.12	24.8	12	-2.4	117	86	17.94	25.2	-2.8	6	51	91	6.35
2019 Vine	06740E	3580N	54982.74	96	54791.38	113758	21.4	21.1	-8.6	91	33	3.46	24.8	20.5	-1.7	127	68	17.87	25.2	6.9	4.5	87	82	7.28
2019 Vine	06740E	3590N	54979.92	96	54788.73	113830	21.4	35.4	-11	82	40	3.28	24.8	23.1	0.7	65	41	19.05	25.2	-1.2	7.9	65	96	7.04
2019 Vine	06740E	3600N	54977.33	96	54786.32	113926	21.4	22	-8.5	96	30	3.6	24.8	14.5	-0.5	79	33	21.33	25.2	9.4	7.4	57	90	6.47

2019 Vine	06740E	3610N	54978.8	96	54788.01	114006	21.4	35.3	-12.7	63	51	2.9	24.8	23.1	-0.9	72	35	19.9	25.2	14.7	4.3	77	83	6.89
2019 Vine	06740E	3620N	54977.39	96	54786.85	114058	21.4	33	-12.1	61	52	2.89	24.8	36.1	2.5	46	50	16.98	25.2	20.8	6.9	25	101	6.32
2019 Vine	06740E	3630N	54976.58	96	54786.28	114138	21.4	28.6	-12.4	64	52	2.96	24.8	26.7	1.3	48	51	17.45	25.2	4	7.1	32	98	6.27
2019 Vine	06740E	3640N	54975.12	96	54784.84	114214	21.4	20.9	-9.6	75	47	3.16	24.8	22	-0.6	58	46	18.41	25.2	7.2	5.2	48	96	6.55
2019 Vine	06740E	3650N	54972.98	96	54782.9	114242	21.4	13.7	-10	52	54	2.69	24.8	21.1	-2	47	51	17.08	25.2	7.2	2.8	41	99	6.48
2019 Vine	06740E	3660N	54975.96	96	54785.78	114334	21.4	31.2	-14.2	77	47	3.23	24.8	20.1	-4.2	60	47	18.88	25.2	2.1	0.7	50	93	6.43
2019 Vine	06740E	3670N	54977.52	95	54787.26	114426	21.4	14.8	-10.6	93	37	3.58	24.8	26.6	-3.5	67	45	20.13	25.2	12.6	-0.6	71	94	7.17
2019 Vine	06740E	3680N	54981.39	96	54791.2	114506	21.4	20.2	-8.8	88	42	3.5	24.8	23.8	-3.4	72	42	20.64	25.2	11.7	0.5	72	98	7.41
2019 Vine	06740E	3690N	54973.46	96	54783.14	114602	21.4	23.7	-11.1	80	48	3.33	24.8	19.4	-3.4	66	47	20.07	25.2	4.8	1.4	66	100	7.31
2019 Vine	06740E	3700N	54967.06	95	54776.85	114634	21.4	24.5	-12.4	74	51	3.22	24.8	26.1	-1.4	61	50	19.54	25.2	9.7	2.1	51	105	7.11
2019 Vine	06740E	3710N	54990.99	96	54800.66	114718	21.4	27	-12	65	56	3.09	24.8	20.9	0.1	50	55	18.48	25.2	4.8	5	32	109	6.91
2019 Vine	06740E	3720N	54979.79	96	54789.66	114834	21.4	37.5	-9.1	64	57	3.07	24.8	32.2	4.1	48	55	18.14	25.2	24.4	7.4	28	112	7.03
2019 Vine	06740E	3730N	54971.73	96	54782	114930	21.4	41.7	-11.8	41	61	2.65	24.8	43.6	10	26	58	15.76	25.2	17.3	11.9	-30	109	6.87
2019 Vine	06740E	3740N	54973.51	96	54784.04	115022	21.4	27.4	-6.4	71	54	3.2	24.8	31.3	7.7	53	52	18.51	25.2	25.7	10.7	39	109	7.04
2019 Vine	06740E	3750N	54971.2	96	54781.95	115122	21.4	45.1	-8.1	71	52	3.14	24.8	48	9.8	55	50	18.45	25.2	41.9	10.7	40	98	6.45
2019 Vine	06740E	3760N	54968.29	95	54779.26	115154	21.4	49.7	-9.3	78	46	3.24	24.8	46.2	9.1	62	45	19.02	25.2	42.9	9.9	60	98	7
2019 Vine	06740E	3770N	54968.49	95	54779.61	115234	21.4	49.1	-10.4	78	44	3.23	24.8	49	9.7	62	45	19.04	25.2	36.2	10	55	95	6.7
2019 Vine	06740E	3780N	54965.4	96	54776.59	115310	21.4	53.2	-11.4	72	46	3.07	24.8	50	9.4	60	43	18.44	25.2	46.6	8.7	59	90	6.57
2019 Vine	06740E	3790N	54977.08	95	54788.12	115350	21.4	51.9	-13	81	40	3.22	24.8	47	6.3	60	42	18.24	25.2	32.9	5.2	63	93	6.84
2019 Vine	06740E	3800N	54978.71	96	54788.74	115442	21.4	43.1	-14.4	72	46	3.07	24.8	45.1	3.9	55	46	17.84	25.2	37.8	1.5	45	94	6.35
2019 Vine	06760E	3800N	54962.48	95	54782.49	122510	21.4	15.7	-6.4	41	60	2.61	24.8	19.8	4.2	25	55	14.99	25.2	14	1.3	-14	96	5.88
2019 Vine	06760E	3790N	54955.77	96	54776.2	122614	21.4	32.8	-8	50	62	2.84	24.8	39.9	9.2	30	54	15.3	25.2	31.9	3.3	-6	100	6.08
2019 Vine	06760E	3780N	54948.86	96	54769.61	122706	21.4	26.6	-3.1	60	58	2.99	24.8	18.3	9.9	49	50	17.38	25.2	20.8	8.5	35	102	6.55
2019 Vine	06760E	3770N	54952.56	95	54773.25	122806	21.4	9.8	0.2	77	54	3.37	24.8	8.2	9.4	53	50	17.99	25.2	9	11.3	39	98	6.42
2019 Vine	06760E	3760N	54955.87	96	54776.31	122850	21.4	7.3	1.5	87	51	3.64	24.8	7.3	8.7	63	48	19.61	25.2	4.2	11.8	63	99	7.14
2019 Vine	06760E	3750N	54957.03	96	54777.1	122938	21.4	-3	2.6	94	48	3.76	24.8	-0.8	7.6	69	45	20.5	25.2	-0.6	12	74	95	7.34
2019 Vine	06760E	3740N	54954.38	95	54774.58	123022	21.4	-4.1	0.9	84	53	3.57	24.8	-3.5	5.9	59	49	19.01	25.2	-9.3	11.7	58	107	7.41
2019 Vine	06760E	3730N	54958.1	96	54778.56	123106	21.4	-2.7	0.5	63	64	3.21	24.8	6.3	6	40	57	17.24	25.2	4.7	10.1	13	110	6.73
2019 Vine	06760E	3720N	54961.05	96	54781.2	123142	21.4	11.4	-2.8	55	66	3.07	24.8	12.3	4	33	59	16.76	25.2	7.9	7.9	-1	114	6.91
2019 Vine	06760E	3710N	54949.52	95	54768.88	123222	21.4	0.4	-1.9	66	63	3.27	24.8	3.1	2.2	47	57	18.28	25.2	-4	7.9	29	109	6.86
2019 Vine	06760E	3700N	54954.06	95	54772.94	123302	21.4	-3.4	-1.5	76	58	3.43	24.8	0.7	0	56	51	18.94	25.2	-12.3	6.3	51	110	7.37
2019 Vine	06760E	3690N	54959.38	95	54777.99	123338	21.4	-23.3	2.2	89	53	3.69	24.8	-20.6	-2.8	61	48	19.22	25.2	-17.7	5.3	59	101	7.09
2019 Vine	06760E	3680N	54957.45	96	54776.8	123426	21.4	0.2	-4.8	75	58	3.39	24.8	11.5	-3.4	44	54	17.28	25.2	-7.7	1.3	24	108	6.71
2019 Vine	06760E	3670N	54957.41	96	54777.03	123458	21.4	-2.4	-4.6	60	61	3.09	24.8	0.8	-5.7	38	56	16.71	25.2	-16.1	0.7	12	104	6.38
2019 Vine	06760E	3660N	54958.28	95	54778.26	123526	21.4	-15.9	-0.6	61	61	3.09	24.8	-21.5	-5.7	45	51	16.85	25.2	-26.1	4	26	99	6.22
2019 Vine	06760E	3650N	54957.1	96	54777.57	123614	21.4	-17.3	0.8	74	56	3.33	24.8	-24.7	-2.6	50	49	17.45	25.2	-40.7	9	40	102	6.66
2019 Vine	06760E	3640N	54957.99	95	54778.73	123734	21.4	-19.8	2.9	78	55	3.43	24.8	-15.6	-0.9	54	48	17.87	25.2	-22.4	9.1	47	100	6.74
2019 Vine	06760E	3630N	54957.46	95	54778.33	123814	21.4	-25.8	5.4	61	61	3.1	24.8	-16.2	-1.6	40	54	16.76	25.2	-27.7	9	12	99	6.08
2019 Vine	06760E	3620N	54957.2	95	54777.99	123846	21.4	-20.2	3.1	84	52	3.53	24.8	-22.5	-1.5	59	45	18.44	25.2	-32.6	9.2	54	92	6.48
2019 Vine	06760E	3610N	54955.62	96	54775.88	123934	21.4	-13.9	0.4	81	52	3.46	24.8	-17.4	-1.8	55	46	17.79	25.2	-34.7	8.7	47	96	6.53
2019 Vine	06760E	3600N	54957.28	96	54777.01	124010	21.4	-10.7	-0.8	90	46	3.63	24.8	-7.5	-1.3	61	44	18.7	25.2	-16.6	7.6	65	97	7.08
2019 Vine	06760E	3590N	54954.72	96	54774.39	124110	21.4	-5.6	-1.5	76	53	3.32	24.8	-10.9	-1.1	60	42	18.24	25.2	-24.2	8.3	58	90	6.53
2019 Vine	06760E	3580N	54949.78	95	54769.42	124150	21.4	5.2	-4.8	87	46	3.54	24.8	-4.5	-1.5	61	42	18.28	25.2	-18.4	6.5	57	90	6.49
2019 Vine	06760E	3570N	54952.58	96	54772.24	124250	21.4	-8.3	-1.6	84	47	3.46	24.8	-9.2	-3.6	59	43	18.11	25.2	-20.6	4.7	51	89	6.23
2019 Vine	06760E	3560N	54965.38	96	54784.37	124322	21.4	-12.8	-2.4	65	55	3.04	24.8	-5.2	-5.5	39	51	16.08	25.2	-9.1	2.8	8	96	5.85
2019 Vine	06760E	3550N	54972.94	95	54792.06	124402	21.4	-16.1	-3.3	63	56	3.03	24.8	-12.4	-6.6	41	49	15.85	25.2	-27.3	3.3	14	94	5.77

2019 Vine	06760E	3540N	54966.54	95	54785.57	124430	21.4	-12.3	-4.3	66	54	3.06	24.8	-18	-8	90	97	16.31	25.2	-25.6	1.9	20	93	5.77
2019 Vine	06760E	3530N	54959.47	95	54778.59	124506	21.4	-26.6	-5.3	66	55	3.09	24.8	-25.3	-9.3	88	97	16.14	25.2	-32.8	1	20	96	5.95
2019 Vine	06760E	3520N	54953.06	95	54771.94	124610	21.4	-10.4	-5	84	45	3.41	24.8	-1.8	-7.4	124	80	18.24	25.2	-0.4	-2.3	58	87	6.35
2019 Vine	06760E	3510N	54953.08	95	54771.67	124706	21.4	-12.6	-6.1	90	40	3.54	24.8	-9.8	-8.3	67	39	19.24	25.2	-27.6	-1.4	71	84	6.71
2019 Vine	06760E	3500N	54957.63	95	54775.63	124742	21.4	-4.9	-7.7	84	44	3.42	24.8	-7.1	-9.8	60	40	17.84	25.2	-19.3	-4.2	61	85	6.36
2019 Vine	06760E	3490N	54957.73	95	54775.92	124810	21.4	-19.1	-7.6	89	40	3.51	24.8	-7.2	-10.8	63	38	18.27	25.2	-20	-6.3	63	83	6.35
2019 Vine	06760E	3480N	54954	95	54772.31	124850	21.4	-2.3	-11.8	70	51	3.08	24.8	0.8	-14.8	45	45	15.88	25.2	-9.7	-12.1	22	90	5.66
2019 Vine	06760E	3470N	54960.57	95	54778.88	124914	21.4	-20.2	-11.1	58	53	2.81	24.8	-14.8	-17.8	77	96	15.25	25.2	-22.1	-12.5	13	90	5.5
2019 Vine	06760E	3460N	54960.4	95	54778.8	124954	21.4	5.9	-15.8	79	45	3.24	24.8	5.7	-13.2	110	87	17.28	25.2	-4.6	-12.1	41	89	5.97
2019 Vine	06760E	3450N	54951.86	95	54770.17	125038	21.4	6.4	-15.7	78	46	3.26	24.8	8.7	-13.1	109	84	16.98	25.2	0	-12.7	45	87	5.96
2019 Vine	06760E	3440N	54950.13	96	54768.34	125114	21.4	0	-13.2	88	41	3.49	24.8	8.4	-11.8	123	76	17.83	25.2	-3.8	-11.4	58	83	6.16
2019 Vine	06760E	3430N	54949.17	95	54767.44	125142	21.4	-7.2	-13.4	86	39	3.39	24.8	4.5	-11.9	63	36	18.1	25.2	-9.1	-10.9	69	84	6.63
2019 Vine	06760E	3420N	54963.64	95	54781.85	125218	21.4	-0.9	-15	62	54	2.96	24.8	15.3	-14.7	41	47	15.5	25.2	20.9	-17.6	15	91	5.6
2019 Vine	06760E	3410N	54962.52	95	54780.89	125302	21.4	14.2	-17.2	66	53	3.03	24.8	25	-11.3	86	94	15.78	25.2	26.5	-16.2	20	90	5.64
2019 Vine	06760E	3400N	54907.21	95	54725.47	125334	21.4	11.9	-17.5	59	54	2.9	24.8	19.2	-12.4	77	100	15.55	25.2	15.7	-15.9	12	91	5.61
2019 Vine	06780E	3400N	54959.57	95	54777.9	125502	21.4	46.1	-25.1	78	46	3.26	24.8	50.4	-12.1	113	83	17.37	25.2	47	-15.2	51	87	6.13
2019 Vine	06780E	3410N	54970.13	95	54788.03	125538	21.4	37.7	-25.9	75	48	3.19	24.8	46.3	-12.4	107	85	16.91	25.2	24.8	-13.8	41	89	5.94
2019 Vine	06780E	3420N	54990.05	95	54807.94	125614	21.4	34.5	-26.3	68	51	3.04	24.8	43.9	-13.5	91	88	15.61	25.2	27.5	-15.1	27	90	5.72
2019 Vine	06780E	3430N	54995.34	96	54813.37	125646	21.4	29.9	-25.7	67	50	3	24.8	33.1	-15.9	94	88	15.98	25.2	19.4	-15.6	28	90	5.74
2019 Vine	06780E	3440N	54982.84	95	54801.16	125726	21.4	32.1	-25.6	73	47	3.12	24.8	16	-17.1	107	83	16.73	25.2	5.3	-14.5	45	88	5.99
2019 Vine	06780E	3450N	54983.98	95	54802.22	125802	21.4	17.4	-20.9	69	49	3.05	24.8	24.7	-15.7	97	90	16.37	25.2	13.4	-13	31	88	5.69
2019 Vine	06780E	3460N	54982.08	95	54800.26	125834	21.4	20	-23.4	59	54	2.87	24.8	24.3	-16	93	91	16.04	25.2	15.3	-12.9	13	88	5.39
2019 Vine	06780E	3470N	54981.14	95	54798.78	125926	21.4	21.3	-21.7	78	46	3.25	24.8	25.7	-15.7	111	84	17.17	25.2	13.7	-13.2	49	89	6.18
2019 Vine	06780E	3480N	54982.52	95	54799.92	130002	21.4	15.3	-20.6	84	42	3.38	24.8	17.7	-16.9	122	79	17.95	25.2	6.2	-13.3	66	88	6.67
2019 Vine	06780E	3490N	54984.58	95	54802.06	130030	21.4	15.5	-20.4	79	49	3.32	24.8	16.9	-17.1	55	43	17.39	25.2	-3.1	-12.6	45	87	5.99
2019 Vine	06780E	3500N	54981.87	95	54799.88	130106	21.4	13.6	-19.4	74	50	3.21	24.8	11.4	-16.2	46	45	16.01	25.2	-6.2	-9.7	29	93	5.95
2019 Vine	06780E	3510N	54975.67	95	54794.43	130146	21.4	0.6	-14.8	79	50	3.33	24.8	5.9	-14.6	109	87	17.23	25.2	-9.9	-6.2	47	95	6.43
2019 Vine	06780E	3520N	54978.3	95	54797.16	130214	21.4	16.1	-16.1	72	53	3.2	24.8	16.7	-11.2	101	94	17.02	25.2	-0.2	-2.9	35	93	6.05
2019 Vine	06780E	3530N	54976.35	95	54795.21	130254	21.4	21.6	-16.3	77	49	3.27	24.8	1.7	-9.8	91	92	16	25.2	-12.6	1.5	26	94	5.92
2019 Vine	06780E	3540N	54974.21	95	54793.23	130354	21.4	17.1	-16	77	50	3.28	24.8	8.2	-10.1	107	84	16.83	25.2	-8.5	-0.2	47	92	6.31
2019 Vine	06780E	3550N	54971.48	95	54790.48	130430	21.4	13.3	-15	79	49	3.33	24.8	15.8	-10	108	89	17.27	25.2	-21.7	0.2	45	88	6.04
2019 Vine	06780E	3560N	54972.3	95	54791.14	130458	21.4	6.1	-12.6	85	46	3.46	24.8	6.5	-11.2	123	79	18.07	25.2	-18	-1.4	52	83	6.01
2019 Vine	06780E	3570N	54976.67	95	54795.13	130526	21.4	4.9	-12.7	81	50	3.42	24.8	3.6	-11.3	56	44	17.64	25.2	-16.1	-1.2	47	93	6.34
2019 Vine	06780E	3580N	54975.09	95	54793.31	130558	21.4	4.2	-12.2	83	50	3.48	24.8	12.8	-10.6	58	44	18.08	25.2	-4.4	-2.5	54	94	6.6
2019 Vine	06780E	3590N	54976.64	95	54794.58	130646	21.4	-3.4	-9.6	81	52	3.44	24.8	-9.8	-12.6	54	46	17.53	25.2	-28.8	-1.2	44	98	6.57
2019 Vine	06780E	3600N	54973.18	95	54791.34	130730	21.4	-6.1	-8	66	60	3.21	24.8	-4.3	-9.3	39	54	16.71	25.2	-23.8	2.9	16	100	6.15
2019 Vine	06780E	3610N	54970.55	95	54788.87	130822	21.4	22.4	-15.4	58	63	3.07	24.8	5.3	-6.4	40	54	16.65	25.2	-11.3	3.5	25	104	6.48
2019 Vine	06780E	3620N	54976.88	95	54795.68	130918	21.4	12.1	-10.1	81	54	3.5	24.8	5.4	-5.1	59	48	18.81	25.2	-21.2	4.3	53	99	6.85
2019 Vine	06780E	3630N	54983.61	95	54802.21	130950	21.4	11.6	-8.6	94	51	3.83	24.8	11.1	-5.4	65	47	19.76	25.2	-15.8	3.1	55	100	6.94
2019 Vine	06780E	3640N	54987.09	95	54805.76	131026	21.4	25.7	-12.2	77	49	3.28	24.8	9.7	-3.5	51	52	18.1	25.2	-7.6	5.6	32	106	6.72
2019 Vine	06780E	3650N	54980.39	95	54798.7	131122	21.4	12.8	-9.7	81	59	3.58	24.8	8.4	-3.9	54	50	18.22	25.2	-12.6	4.3	43	104	6.83
2019 Vine	06780E	3660N	54976.19	96	54794.58	131158	21.4	12.5	-9.7	78	59	3.5	24.8	6	-5.8	54	51	18.47	25.2	-19.2	2	49	106	7.07
2019 Vine	06780E	3670N	54979.41	95	54797.39	131250	21.4	18.1	-12.1	81	59	3.58	24.8	10.4	-6.1	56	51	18.76	25.2	-10.2	0.7	49	108	7.18
2019 Vine	06780E	3680N	54977.6	95	54795.4	131326	21.4	23.7	-13.1	79	60	3.55	24.8	13.7	-5	54	53	18.81	25.2	-9.8	2.1	41	112	7.23
2019 Vine	06780E	3690N	54980.2	95	54797.95	131406	21.4	25.6	-11.9	90	56	3.8	24.8	27.4	-2.2	63	49	19.82	25.2	3.4	2.9	66	109	7.75
2019 Vine	06780E	3700N	54974.83	95	54792.25	131446	21.4	31.9	-11.9	84	59	3.67	24.8	19.4	-1.3	60	50	19.34	25.2	4.6	4.5	63	112	7.85

2019 Vine	06780E	3710N	54975.91	95	54793.44	131530	21.4	35.8	-12.8	76	61	3.5	24.8	38.3	2.2	52	52	18.11	25.2	23.2	5.4	46	109	7.17
2019 Vine	06780E	3720N	54979.77	95	54796.97	131610	21.4	34.5	-10.1	96	51	3.89	24.8	31.5	1.4	66	45	19.85	25.2	27.6	5.2	67	104	7.51
2019 Vine	06780E	3730N	54982.4	95	54799.54	131658	21.4	39	-9.2	91	52	3.76	24.8	26.8	2.2	63	48	19.64	25.2	23.9	5.7	63	104	7.41
2019 Vine	06780E	3740N	54977.18	95	54794.24	131738	21.4	43.3	-12.8	91	51	3.72	24.8	35.7	2.9	66	44	19.74	25.2	34.6	5.1	80	101	7.83
2019 Vine	06780E	3750N	54986.26	95	54803.43	131834	21.4	23.2	-8.5	79	56	3.48	24.8	30.9	3.3	52	50	17.88	25.2	31.8	5.5	40	104	6.8
2019 Vine	06780E	3760N	54975.8	95	54793.32	131906	21.4	52.3	-15.4	78	54	3.4	24.8	51.5	8.9	46	50	16.85	25.2	41.8	8.5	21	104	6.45
2019 Vine	06780E	3770N	54983.43	95	54801.42	131950	21.4	32.4	-11.7	80	55	3.49	24.8	39.4	6.5	51	48	17.44	25.2	33.7	6.4	39	98	6.43
2019 Vine	06780E	3780N	54990.46	96	54808.45	132014	21.4	33.5	-10.8	74	57	3.35	24.8	37.3	4.8	47	51	17.24	25.2	35.7	4	29	97	6.15
2019 Vine	06780E	3790N	54994.11	95	54811.84	132122	21.4	41.2	-12.9	78	53	3.38	24.8	46.5	4	47	47	16.67	25.2	46.2	1.5	32	99	6.31
2019 Vine	06780E	3800N	54987.13	95	54804.72	132150	21.4	42.8	-13.7	89	47	3.59	24.8	37.4	2.3	120	87	18.27	25.2	35.3	1.4	58	93	6.64
2019 Vine	06800E	3800N	54979.35	94	54796.74	133014	21.4	8.3	-8	70	59	3.29	24.8	23.1	-1.4	89	102	16.71	25.2	20	-2.7	21	100	6.24
2019 Vine	06800E	3790N	54977.71	95	54794.94	133118	21.4	10.9	-6.8	74	58	3.37	24.8	14.9	0.6	93	99	16.84	25.2	12.2	0.8	32	103	6.54
2019 Vine	06800E	3780N	54961.68	94	54779.1	133154	21.4	7.3	-6.3	71	59	3.31	24.8	13.8	0.5	98	99	17.21	25.2	19.9	1.2	34	101	6.5
2019 Vine	06800E	3770N	54963.78	95	54781.22	133226	21.4	3.3	-4.5	71	61	3.37	24.8	7.9	0.1	88	102	16.65	25.2	8	2.7	24	98	6.15
2019 Vine	06800E	3760N	54961.73	95	54778.63	133310	21.4	9.3	-4	78	58	3.49	24.8	10.3	2.8	99	96	17.11	25.2	7.5	5.6	40	103	6.74
2019 Vine	06800E	3750N	54955.83	94	54772.5	133346	21.4	-3.8	0.5	78	60	3.53	24.8	7.6	4.3	103	102	17.95	25.2	10	7.5	40	103	6.73
2019 Vine	06800E	3740N	54968.76	95	54785.67	133438	21.4	0.5	-1.4	76	63	3.52	24.8	3.2	4.4	98	107	17.92	25.2	1	8.9	37	111	7.11
2019 Vine	06800E	3730N	54970.47	95	54787.81	133522	21.4	7.9	-1.2	92	53	3.81	24.8	8.8	5.8	126	92	19.23	25.2	5.3	10	67	99	7.25
2019 Vine	06800E	3720N	54962.27	94	54779.92	133554	21.4	-1.5	0.8	102	51	4.09	24.8	-2.5	4.3	71	44	20.76	25.2	7.6	10	82	101	7.91
2019 Vine	06800E	3710N	54958.51	95	54776.85	133634	21.4	0.2	1.1	78	64	3.62	24.8	0.6	4.1	53	54	18.7	25.2	-2	10.6	40	111	7.17
2019 Vine	06800E	3700N	54962.17	95	54779.6	133702	21.4	-3.2	0.9	75	64	3.54	24.8	-3	2.4	51	54	18.54	25.2	-4.7	9.4	37	112	7.2
2019 Vine	06800E	3690N	54965.67	95	54782.34	133730	21.4	-8.9	2.2	84	61	3.73	24.8	-19	1.6	56	52	19.02	25.2	-21.9	11	49	110	7.33
2019 Vine	06800E	3680N	54972.41	94	54788.33	133814	21.4	-4	0.2	78	63	3.6	24.8	-15.9	0.2	51	54	18.37	25.2	-21.9	10.2	42	112	7.3
2019 Vine	06800E	3670N	54960.14	94	54776.04	133918	21.4	-13.4	1.1	77	66	3.61	24.8	-16.3	-1.8	51	54	18.45	25.2	-28.2	8.6	34	112	7.13
2019 Vine	06800E	3660N	54962.45	95	54778.89	134006	21.4	-8.2	-0.8	75	64	3.53	24.8	-9.7	-1.5	50	54	18.31	25.2	-25.3	7.9	30	109	6.89
2019 Vine	06800E	3650N	54966.4	95	54781.93	134050	21.4	-14.3	-0.5	83	60	3.68	24.8	-18.8	-3.3	55	50	18.57	25.2	-36.2	7.2	43	103	6.79
2019 Vine	06800E	3640N	54965.31	94	54780.81	134126	21.4	-28.9	2.6	82	59	3.61	24.8	-30	-5.9	51	51	17.96	25.2	-36.7	6.6	33	102	6.54
2019 Vine	06800E	3630N	54963.4	94	54779.78	134214	21.4	-6.3	-3.6	97	53	3.95	24.8	-15.8	-5.2	66	45	19.81	25.2	-35.9	4.8	70	99	7.35
2019 Vine	06800E	3620N	54959.54	94	54777.28	134250	21.4	-23.5	-0.9	93	52	3.8	24.8	-22.1	-7.6	61	44	18.73	25.2	-39.6	2.8	60	96	6.92
2019 Vine	06800E	3610N	54952.57	94	54771.53	134330	21.4	-39.2	2.5	110	37	4.16	24.8	-33.5	-7.3	75	36	20.61	25.2	-43.5	3.3	88	86	7.5
2019 Vine	06800E	3600N	54955.92	95	54775.18	134402	21.4	-37.3	0.5	87	52	3.63	24.8	-32.5	-10	64	42	18.88	25.2	-48.1	1.9	62	92	6.77
2019 Vine	06800E	3590N	54951.95	94	54772.11	134450	21.4	-42.1	0	67	61	3.25	24.8	-35.4	-14.7	40	51	16.05	25.2	-56	-0.2	11	93	5.7
2019 Vine	06800E	3580N	54951.7	95	54771.68	134530	21.4	-40.5	-1.7	64	60	3.13	24.8	-34.5	-14.6	39	50	15.78	25.2	-49	0	11	97	5.91
2019 Vine	06800E	3570N	54952.22	94	54771.7	134614	21.4	-30.1	-5.1	50	62	2.87	24.8	-26.2	-15.8	30	49	14.33	25.2	-43.3	-1.2	-5	92	5.58
2019 Vine	06800E	3560N	54949.8	94	54768.8	134646	21.4	-14.3	-7.8	67	58	3.16	24.8	-26.3	-11.9	98	88	16.24	25.2	-48.2	0.9	40	90	6.02
2019 Vine	06800E	3550N	54954.86	95	54771.28	134802	21.4	-20.3	-5	78	43	3.19	24.8	-36.2	-13.2	86	92	15.64	25.2	-54.5	2.2	22	90	5.64
2019 Vine	06800E	3540N	54956.67	94	54772.54	134854	21.4	-24.8	-1.8	78	50	3.34	24.8	-23.7	-9.1	111	84	17.2	25.2	-36.9	3.3	47	89	6.11
2019 Vine	06800E	3530N	54954.06	94	54769.61	134942	21.4	-23.1	-4	76	54	3.34	24.8	-20	-8.5	99	91	16.62	25.2	-37	3.9	31	89	5.76
2019 Vine	06800E	3520N	54951.85	94	54767.86	135046	21.4	-28.6	-2	68	56	3.14	24.8	-19.6	-10.1	86	95	15.86	25.2	-24.3	1.2	20	92	5.72
2019 Vine	06800E	3510N	54957.46	94	54773.75	135142	21.4	-20.8	-5	74	56	3.31	24.8	-12.1	-9.1	99	95	16.96	25.2	-25.5	1	32	95	6.1
2019 Vine	06800E	3500N	54985.54	94	54802.35	135214	21.4	-21.5	-8.4	89	45	3.58	24.8	1.4	-11.2	118	84	17.97	25.2	-5.4	-4.8	52	89	6.3
2019 Vine	06800E	3490N	55017.64	95	54834.55	135258	21.4	-10.7	-12.7	85	49	3.52	24.8	-11.9	-15.7	115	81	17.39	25.2	-28.9	-8.1	54	90	6.42
2019 Vine	06800E	3480N	55001.84	95	54819.14	135322	21.4	-12.2	-10.5	82	48	3.4	24.8	-9.5	-14.5	119	79	17.64	25.2	-27.3	-6.8	56	84	6.15
2019 Vine	06800E	3470N	54986.64	94	54804.51	135354	21.4	-24.1	-10	87	46	3.53	24.8	-6.2	-13.1	117	80	17.54	25.2	-13.5	-7.4	49	87	6.07
2019 Vine	06800E	3460N	54981.24	95	54798.96	135426	21.4	-1.5	-12.9	83	48	3.45	24.8	-0.3	-12.5	114	82	17.43	25.2	-14.8	-6.8	53	91	6.41
2019 Vine	06800E	3450N	54980.29	94	54797.72	135502	21.4	5.6	-15.3	76	54	3.32	24.8	7.9	-12.7	99	90	16.54	25.2	-4.5	-9.3	35	91	5.95

2019 Vine	06800E	3440N	54990.27	94	54807.68	135530	21.4	-4.6	-14.7	74	53	3.26	24.8	1.6	-13.1	95	89	16.09	25.2	0.8	-9.9	28	89	5.71
2019 Vine	06800E	3430N	54990.76	95	54807.83	135614	21.4	0.8	-14.4	68	56	3.16	24.8	0.7	-12.6	86	95	15.82	25.2	8.1	-8.3	29	91	5.81
2019 Vine	06800E	3420N	54991.34	94	54808.08	135650	21.4	-7	-11.8	89	45	3.58	24.8	3.2	-9.8	123	79	18.08	25.2	3.4	-5.6	71	87	6.85
2019 Vine	06800E	3410N	54965.05	95	54781.96	135726	21.4	26.9	-19.2	86	48	3.53	24.8	10.4	-9.1	61	41	18.22	25.2	4.8	-6.7	57	88	6.39
2019 Vine	06800E	3400N	54935.59	95	54753.01	135758	21.4	6.9	-14.4	83	50	3.49	24.8	12.9	-9.5	57	43	17.71	25.2	10.7	-7.5	56	90	6.44
2019 Vine	06820E	3400N	54907.78	94	54725.34	135910	21.4	42.5	-24.5	94	43	3.71	24.8	47.7	-10.4	65	37	18.62	25.2	39.6	-8.5	69	84	6.62
2019 Vine	06820E	3410N	55020.99	95	54837.91	135946	21.4	34.9	-23.9	93	44	3.67	24.8	40.1	-10.6	65	38	18.64	25.2	30.5	-7.1	66	83	6.45
2019 Vine	06820E	3420N	55007.63	94	54824.44	140010	21.4	34	-24.2	87	47	3.54	24.8	34.2	-11.8	60	41	18.02	25.2	27.8	-7.9	51	82	5.9
2019 Vine	06820E	3430N	55004.15	94	54820.59	140046	21.4	26.5	-23.9	79	51	3.37	24.8	38.6	-12.2	52	43	16.87	25.2	11.3	-6.8	36	91	5.95
2019 Vine	06820E	3440N	55016.15	94	54832.54	140122	21.4	24.8	-24.2	79	52	3.38	24.8	26.3	-14.2	52	43	16.82	25.2	8.1	-7.8	36	89	5.83
2019 Vine	06820E	3450N	55007.08	94	54823.7	140154	21.4	51.5	-30.6	73	52	3.21	24.8	62.8	-13.9	48	42	15.84	25.2	7.6	-8.8	33	91	5.89
2019 Vine	06820E	3460N	55004.17	94	54821.29	140230	21.4	20.2	-22.2	79	50	3.33	24.8	23.7	-15.4	105	84	16.67	25.2	5.7	-8	41	92	6.1
2019 Vine	06820E	3470N	55005.74	94	54822.83	140310	21.4	25.3	-23.6	74	53	3.27	24.8	25	-15.1	96	90	16.21	25.2	1.7	-6.2	27	94	5.95
2019 Vine	06820E	3480N	55016.63	94	54833.94	140346	21.4	17.4	-22.6	73	53	3.23	24.8	15.2	-16.1	94	91	16.18	25.2	-7.5	-5.7	25	92	5.81
2019 Vine	06820E	3490N	55016.03	94	54833.29	140414	21.4	13.5	-21.2	77	52	3.35	24.8	19.9	-16.1	101	88	16.56	25.2	-2.7	-6.5	35	92	5.96
2019 Vine	06820E	3500N	54977.31	94	54794.61	140442	21.4	16.4	-20	76	55	3.37	24.8	17.9	-14.3	99	90	16.58	25.2	0.4	-4.3	34	92	5.99
2019 Vine	06820E	3510N	55001.74	95	54819.34	140526	21.4	5.2	-14.3	75	53	3.3	24.8	6.6	-10.9	99	90	16.52	25.2	-10.3	1.5	34	94	6.06
2019 Vine	06820E	3520N	54991.79	95	54809.19	140550	21.4	30	-20.2	76	54	3.33	24.8	31	-8.9	99	91	16.67	25.2	8.3	0.3	35	92	5.97
2019 Vine	06820E	3530N	54998.14	95	54815.81	140630	21.4	13	-15.6	81	52	3.44	24.8	25.2	-9.9	106	87	16.9	25.2	2.2	-0.3	41	91	6.1
2019 Vine	06820E	3540N	54991.18	94	54809.01	140710	21.4	30.2	-15	104	36	3.92	24.8	13.6	-12	127	69	17.93	25.2	1	-2.8	85	85	7.31
2019 Vine	06820E	3550N	54994.33	94	54812.3	140754	21.4	21.8	-14	104	36	3.96	24.8	10.8	-11.8	70	36	19.48	25.2	-10.8	-3.5	81	88	7.28
2019 Vine	06820E	3560N	54971.14	94	54789.43	140830	21.4	7.6	-13.1	102	39	3.91	24.8	2.8	-12	72	36	20.04	25.2	-0.3	-3.3	78	88	7.14
2019 Vine	06820E	3570N	54967.84	94	54786.23	140946	21.4	6.1	-15.6	70	58	3.25	24.8	0.3	-12.9	50	48	17.08	25.2	-18.9	-0.5	34	102	6.53
2019 Vine	06820E	3580N	54972.16	94	54790.42	141030	21.4	4.2	-14.9	53	63	2.96	24.8	1.2	-12.8	33	53	15.67	25.2	-22.6	1.3	-5	103	6.27
2019 Vine	06820E	3590N	54975.62	94	54793.22	141126	21.4	8.4	-16	63	64	3.22	24.8	1.6	-13.3	38	53	16.25	25.2	-17	-0.8	6	101	6.16
2019 Vine	06820E	3600N	54979.96	93	54797.28	141214	21.4	3.7	-13.4	74	62	3.46	24.8	-4.1	-13.6	48	50	17.18	25.2	-20.2	-1.1	28	102	6.42
2019 Vine	06820E	3610N	54981.22	95	54798.97	141306	21.4	5.7	-11.9	90	55	3.78	24.8	7.7	-10.6	61	47	19.05	25.2	-3.6	-2.7	56	98	6.87
2019 Vine	06820E	3620N	54980.33	94	54798.3	141338	21.4	3.7	-11.3	88	58	3.78	24.8	16.6	-8.3	57	47	18.28	25.2	-7.2	-0.4	53	102	6.98
2019 Vine	06820E	3630N	54978.86	94	54797.02	141418	21.4	3.4	-9	92	56	3.85	24.8	1.9	-6.7	61	47	19.08	25.2	-11.9	2.8	60	105	7.35
2019 Vine	06820E	3640N	54977.63	95	54796.12	141446	21.4	10.1	-8.4	89	56	3.78	24.8	14.7	-4.1	59	49	19.11	25.2	5.5	3.9	54	105	7.18
2019 Vine	06820E	3650N	54975.92	95	54794.69	141514	21.4	8	-7.5	89	61	3.87	24.8	8.1	-3.3	58	52	19.3	25.2	-0.1	5.4	49	102	6.91
2019 Vine	06820E	3660N	54977.84	94	54796.82	141542	21.4	21.7	-8.9	93	57	3.9	24.8	-2.8	-2.2	72	43	20.81	25.2	-23	6.4	92	97	8.15
2019 Vine	06820E	3670N	54979.26	94	54798.01	141618	21.4	15.7	-8.2	86	62	3.81	24.8	10.7	0	56	51	18.88	25.2	-2.9	8.1	47	107	7.11
2019 Vine	06820E	3680N	54982.12	95	54800.79	141646	21.4	26.1	-8.3	99	55	4.06	24.8	20.9	0.5	68	47	20.51	25.2	4.3	6.8	68	100	7.36
2019 Vine	06820E	3690N	54986.57	94	54804.88	141722	21.4	34.4	-9.1	96	57	4.01	24.8	49.5	3.2	66	46	19.97	25.2	36.4	6.1	70	101	7.5
2019 Vine	06820E	3700N	54980.13	95	54798.39	141802	21.4	23.2	-6.1	91	60	3.9	24.8	25.8	3.9	59	50	19.25	25.2	20.6	8.5	60	107	7.47
2019 Vine	06820E	3710N	54977.94	94	54796.23	141834	21.4	19.5	-6.1	98	56	4.04	24.8	17.3	1.7	66	45	19.77	25.2	14.6	6.7	69	97	7.22
2019 Vine	06820E	3720N	54983.95	95	54802.25	141906	21.4	19.8	-7.1	105	50	4.16	24.8	22.9	1.2	71	42	20.48	25.2	20.4	4.7	87	97	7.92
2019 Vine	06820E	3730N	54984.44	94	54802.56	141934	21.4	23.8	-8.2	89	58	3.81	24.8	26.6	2.9	59	48	18.87	25.2	25	5.4	57	100	7.02
2019 Vine	06820E	3740N	54983.08	94	54801.13	142018	21.4	39.6	-10.9	86	57	3.72	24.8	40.6	2.8	57	47	18.31	25.2	34.3	4.1	54	100	6.94
2019 Vine	06820E	3750N	54965.2	95	54783.1	142054	21.4	33.8	-10.7	81	61	3.62	24.8	41.3	3	51	49	17.54	25.2	38	4.1	40	101	6.62
2019 Vine	06820E	3760N	54967.31	94	54785.27	142130	21.4	47.1	-13.4	89	50	3.65	24.8	44.2	2.4	55	47	17.84	25.2	42.4	2.1	46	94	6.38
2019 Vine	06820E	3770N	55006.01	94	54824.02	142206	21.4	44.1	-13.8	87	54	3.67	24.8	44.4	0.2	52	48	17.67	25.2	38.9	0	47	92	6.28
2019 Vine	06820E	3780N	54940.27	94	54758.23	142238	21.4	40.9	-15.5	62	63	3.17	24.8	34.1	1.6	41	52	16.47	25.2	32.8	3	19	99	6.1
2019 Vine	06820E	3790N	54968.55	94	54786.8	142314	21.4	42.6	-15.8	71	60	3.34	24.8	25.6	-1.8	43	49	16.31	25.2	19.7	1	26	100	6.26
2019 Vine	06820E	3800N	54977.61	94	54795.88	142346	21.4	27.8	-14.5	99	45	3.89	24.8	39.1	-5	127	78	18.46	25.2	25.5	-3.6	77	86	7.01

Appendix 8: Drill logs

DRILL HOLE RECORD

PAGE #: 1 of

PROPERTY: Vine		HORI. COMP:	HOLE#: VA 17-33
LOCATION: East of Peavine Creek		VERT. COMP:	LENGTH: 929.9 M
COMMENCED: Nov. 11, 2017	COMPLETED: Feb. 9 2018	CORR. DIP:	
COORDS: Long.	Lat.	TRUE BEARING:	DRILL CONTRACTOR: F&B Drilling
COORDS: UTM (E) 586835	(N) 5473725 (EL)	% RECOVERY:	CORE SIZE: NQ to BQ
COORDS: Grid (E)	(N) (EL)	LOGGED DATE: Nov. 2017	CASING: 3.0 Left in hole
ELEVATION: 1060 Meters	COLLAR: Dip: -90° Azi: —	LOGGED BY: D.L. Pigher	CORE STORAGE: Vine Property

OBJECTIVE:

SURVEYS: Depth: Dip: Azi: Type:

Imperial ☐ Metric ☐

From To	LITHOLOGY: Siltstone.
3.0 - 56.8	FWQ

Additional SURVEYS:	Depth:	Dip:	Azi:
	102.1	-88.9	148.2°
	275.6	-89.3	140.0°
	300.2	88.6	157.0°
	400.8	88.9	179.4°
	501.37	88.7	175.2
	601.95	87.6	130.0
	700.0	86.4	180.7
	837.0	85.7	116.5

COLOR: lite green, with grey mottling

PRIMARY STRUCTURE: Med. to thick Bedded, Bedding is indistinct, and wavy, gen. distorted by soft sed. deformation, Siltstone beds gen med. to fine grained, Some scattered rip-up clasts. Bedding to C/A @ 12.0 = 48°, @ 46.0 = 51°, @ 56.8 = 60°

TECTONIC STRUCTURE: Nil

GENERAL ALTERATION: Siltstone beds gen. strongly Silicified, & chloritic, with widely scattered Sub-hedral Pink garnets, Some beds are Soft and Strongly Sericitic.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:
Widely scattered hairline fracture host Pyrite and Pyrrhotite, with Some weak Pyrrhotite - Pyrite diss. scattered through-out this interval
at 28.4 Bull Quartz Vein with minor Pyrite, 20cm thick cuts C/A @ 26°
@ 28.7 hairline calcite fracture host trace of Sphalerite.
@ 51.3, 2mm thick Veinlet host minor Sphalerite.

SAMPLE#	From	To	Length					

ADDITIONAL OBSERVATIONS: @ 54.6 Calcite Concretion hosts abund Pyrite

Drill Hole Record:

HOLE #: VA17-33

From	To	
56.8	182.0	**LITHOLOGY:** Silty Argillite. Highly Altered Lower Aldridge Seds!
		COLOR: Dark grey Banded lite grey.
		PRIMARY STRUCTURE: thin to Very Thin Bedded, rarely med. Bedded, Bedding is distinct and Tabular.
		Bedding to C/A @ 81.5 = 66°, @ 102.0 = 70°, @ 114.6 = 41°, @ 142.0 = 60°, @, @ 155 = 55°, @ 168 = 55°
		TECTONIC STRUCTURE: 58.0 to 59.0 Calcite - Pyrite matrix Breccia Zone cuts C/A @ 16°
		120.0 to 130.0 foliated Zone, foliation plans cut C/A @ 11° & subparallel to C/A.
		at 122.8 thin gouge filled shear cuts C/A @ 34.
		GENERAL ALTERATION: Beds are alternating from intense Silicification to intense Sericitization.
		101.0 to 106.0 Silicified Beds are spotted by 1 to 2mm spheres of late Quartz + Biotite, and Quartz and Sericite.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:
		@ 72.0, rare specks of Sphalerite.
		77.0 to 77.2 relatively abund. Sphalerite occurs in irregular wispy hair line fractures developed in Silicified - Chloritized Seds. fine diss. pyrrhotite occur with Sphalerite
		Through-out this interval Pyrrhotite occurs as scattered irregular massive patches rare more than 1cm x 1cm.

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

Graphic

HOLE #: VA17-33

From To	
182.0-247.6	**LITHOLOGY:** Metasediments intensely altered.
	COLOR: Mainly lite grey and lite green; with some dark Bands
	PRIMARY STRUCTURE: distorted by alteration, No Bedding etc.
	TECTONIC STRUCTURE: 218.7—229.8 Phyllitic Zone, foliation cut C/A at angles of 22° & 35°, rarely 47°. Quartz-chlorite-Pyrite Breccia zone from 226.0 to 227.8 cuts C/A @ 47°. @ 143.2 Calcite Breccia Zone 10 cm thick cuts C/A @ 27°.
	GENERAL ALTERATION: This interval is intensely Silicified, with minor fine diss. Sericite, [illegible] Chloritization is also associated with the Silicified, and occurs in multi-Meter segments within the Silicified Seds. Sphalerite common as associated with these Chlorite Segments.
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

Pyrrhotite & Pyrite is scattered throughout this interval, in thin irregular Veinlets and small irregular massive Sulphide patches, Fe Sulphide in those interval would average 0.5 to 1.0%.
@ 187.0 Diss. Sphalerite, @ 188.2 Diss. Sphalerite associated with Chloritization & Silicification.
@ 197.8 Diss Sphalerite in Thin Band (1 cm thick) of Albite, @ 202.5 Tiny Specks of Sphalerite in thin Pyritic Vein.
236.0 to 242.4 Intense Silicified and chloritized zone hosts relatively abund. diss. Sphalerite and sphalerite in hairline fracture, Est. Zone to Run 800 PPM Zn; rare galena noted & Chalcopyrite.
246.3 to 247.0 Quartz Vein crackle Brecciated cuts C/A @ 21°, hosts Pyrite, chlorite, rare Muscovite and Some Late Calcite Veinlets.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA17-33

From	To	LITHOLOGY:
247.6	503.0	Gabbro Sill, Contact cuts C/A @ 70°

COLOR: Mainly dark green Speckled white and locally apple green, and yellowish green.

~~PRIMARY STRUCTURE~~: TEXTURE 247.6 to 261.6 aphanitic to med. ophitic, 261.6 to 274.5 Coarsely xtln, with abundant graphic texture orthoclase xtls. 274.5 to - Mainly Med. xtln.

TECTONIC STRUCTURE: thin (1cm) Epidote filled fracture @ 316 cut C/A @ 8°, @ 323.7, gouge filled Shear cuts C/A @ 17°, @ 365.4 Epidote Vein cuts C/A @ 13°, Epidote Zone 411.0 to 421.4, cuts core at 18° to Subparallel to Core Axis (F1 fracture), F2 fracture hosts calcite & epidote, cut C/A @ 37° and off sets (F1), F3 Late calcite Veins, cut C/A @ 55° and off set both F1 & F2 fracture sets.

GENERAL ALTERATION: 261.6 to 263.3 Epidote - Quartz alteration Zone cuts C/A @ 42°, 269. to 272.0 yellowish green Epidote alters plagioclase feldspar forming a graphitic Texture in Some of the Larger xtls, Epidote Zone 411.0 to 421.4 diss. epidote replaces plagioclase feldspar but also occurs in massive Veins through-out the Epidot Zone, @ 437.3, albite xenoliths

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Pyrrhotite weakly diss through-out the gabbro,
ilmenite and associated Leucoxene widely diss. through-out the Gabbro.
ALBITE - Chlorite Vein 10 cm thick cuts C/A @ 28.0

452.5 to 458.5 Epidotized Zone cuts C/A @ 28°
458.5 to 459.0 Biotite - Sericite - Phyllonite

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA17-33

From	To	
505.0	538.8	**LITHOLOGY:** Phyllitic Gabbro. Basal Contact parallel to foliation @ 20 to C/A
		COLOR: Green
		PRIMARY ~~STRUCTURE:~~ /
		TECTONIC STRUCTURE: foliation to C/A @ 510.5 = 25°, @ 517.0 = 21°, @ 514.2, 5cm gouge fill shear zone cut C/A @ 20° foliation is finely developed through-out.
		GENERAL ALTERATION: foliated gabbro is altered to Biotite, Sericite, Calcite, lesser Quartz
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Very weakly fine diss. pyrrhotite through-out.

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record: Phyllonite (620)

HOLE #: VA17-33

From	To	
538.8	630	**LITHOLOGY:** Phyllite after Sediments 557.0 to 569.2 Phyllitic gabbro, 572.6 to 582.6 phyllitic gabbro. 608.0 to 616.7 phyllitic gabbro
		COLOR: Streaked lite grey, green, dark grey and Black.
		PRIMARY STRUCTURE: distroyed.
		TECTONIC STRUCTURE: Phyllitic texture Strongly developed Throughout. foliation to C/A at 544.5 = 22° @ 547.0 = 22°, @ 557.0 = 20° @ 584 = 25°, @ 591 = 32°, @ 602 = 38° @ 620.0 = 31°, 589.7 to 590.2 Soft fault gouge cuts C/A 33° parallel to foliation
		GENERAL ALTERATION: Rock is totally altered to Chlorite, Biotite, Sericite and Quartz gen. These minerals form their own individual layers, Quartz layers are Commonly formed into Boudins, Late Silicification is patchy. Phyllitic gabbros are typically full of Late irregular Calcite Blebs, patchs + Veinlets.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

Pyrrhotite + Pyrite is weakly diss. along plans of foliation.
547.0 to 551.1 Sphalerite occurs in thin layers parallel to plans of foliation, and as very weak dissemination along plans of foliation. Best zone from 548.6 to 549.0 here sphalerite occurs in thin layers parallel to bedding now Bands up to 1cm thick.
563.8 to 564.3 Quartz-Chlorite Vein cuts C/A @ 45° host weakly diss. specularite.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 17- 33

From	To	
630	649.8	**LITHOLOGY:** Phyllite after Sediments & Gabbro. Phyllitic gabbro 630.0 to 647.0 contact parallel to foliation, 647.0 to 649.8 Phyllite after Seds.
		COLOR: Gen. streaked green, light grey, Dark green
		~~PRIMARY STRUCTURE:~~ destroyed.
		TECTONIC STRUCTURE: foliation to C/A @ 628.0 = 23°, @ 630.0 = 35°, @ 636.2 = 28°, @ 647.6 = 15°
		GENERAL ALTERATION: Phyllitic Seds & Phyllitic Gabbro in general are composed of Alteration products as previously described. 636.2 to 638.2, Intense Epidote, chlorite & Calcite alteration
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Pyrite is abund. from 636.2 to 638.2 in association with epidote, chlorite & Calcite.

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA17-33

From	To	LITHOLOGY:
649.8	661.8	Silicified Phyllite

COLOR: lite grey with wispy dark grey streaks.

PRIMARY STRUCTURE: Distroyed.

TECTONIC STRUCTURE: From 650.1 to 650.7 Soft fault gouge cut C/A @ 38°; @ 658.0 foliation to C/A: 21° most of the foliation is distorted by intense Silicification

GENERAL ALTERATION: Sericitic phyllite, intensely Silicified by late silicification, at 668.9 paper thin wispy layer of fuchite

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Thin interval is pyritic throughout averaging 10% pyrite,
657.2 to 657.7 15 to 25% pyrite
1 Speck of yellow Sphalerite @ 660.8

SAMPLE #	From	To	Length
	657.0	658.0	
	658.0	659.0	

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA17-33

From	To	LITHOLOGY:
661.0	670.5	Silicified, Sericitic ? Phyllonite

COLOR: Mottled white & lilac grey

PRIMARY STRUCTURE: Destroyed?

TECTONIC STRUCTURE: Remnant foliation @ 674.5 = 40°

GENERAL ALTERATION: Sericitic - ? Phyllonite, is over printed by late intense Silicification

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

This interval is strongly Pyritic through-out averages approx. 15% with 25 to 40% from 669.5 to 670.5 Sampled.

SAMPLE #	From	To	Length

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA17-33

From	To	LITHOLOGY:
670.5	682.0	Silicified Sericitic Phyllite

COLOR: lite yellowish grey, streaked, grey and lite yellow.

PRIMARY STRUCTURE: distroyed.

TECTONIC STRUCTURE: fault Zone 676.7 - 678.0, @ 679.0 foliation to CA = 33°

GENERAL ALTERATION: original Sericitic phyllite strongly overprinted by Silicification, rare thin wispy layers of marcasite

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Pyrite is very weakly diss. in this Interval.

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record: Gneiss & Gneiss

HOLE #: VA17-33

From	To	
682.0	683.5	**LITHOLOGY:** Gneissic chloritic, Sericitic, Calcareous Quartzite
		COLOR: Dark green, striped by white bandings
		PRIMARY STRUCTURE: Has a gneissic texture.
		TECTONIC STRUCTURE: foliation to C/A @ 683.7 = 30°
		GENERAL ALTERATION: Strongly chloritized and Silicified producing a gneissic texture

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

rare diss Pyrite

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA17-33

From	To	LITHOLOGY:
685.5	690.7	Phyllonite

COLOR: Green with Thick Bands of lilac

PRIMARY STRUCTURE: Distroyed.

TECTONIC STRUCTURE: faintly foliated @ 30° to C/A.

GENERAL ALTERATION: Intensely Silicified, with abundant fine Lilac mica (Lepidolite?) and Chlorite & Spotted by Pale white Sericite.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

This interval is Strongly Pyritic Ranging from 25 to 40% Pyrite.
Sampled 689.0 to 690.0

SAMPLE #	From	To	Length

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 17-33

From	To	LITHOLOGY:
690.7	697.0	Silicified Phyllite

COLOR: Streaked lite greenish grey and lite yellowish grey

PRIMARY STRUCTURE: distroyed.

TECTONIC STRUCTURE: foliation is strongly preserved and highly distorted, due to Small Scale drag folds. foliation in this interval ranges between 22° & 5° to C/A

GENERAL ALTERATION: Sericitic - chloritic Phyllite as intensely Silicified by late Silicification.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Only Rare Pyrite noted in this interval.

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 17-33

From	To	
697.0	705.6	**LITHOLOGY:** Sericitic, Lepidolitic?) Quartzite
		COLOR: Mainly lite greyish white, mottled Lilac grey & white
		PRIMARY STRUCTURE: Distroyed
		TECTONIC STRUCTURE: Very likely crackle Breccia, No foliation evident. Widely scattered 1 to 2cm thick late calcite Vein cut C/A 85° + 86° to C/A.
		GENERAL ALTERATION: Rock is totally altered to aphanitic Quartz, with diss. Sericite & Lilac mica through-out this interval.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: This interval is weakly to Strongly Pyrite locally, gen. from 2% to 5%, but locally up to 25% Pyrite.

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 17-33

From	To	
705.6	716.0	**LITHOLOGY:** Phyllitic gabbro, Contact are parallel to foliation
		COLOR: Dark green with white Patches + Veinlets
		PRIMARY ~~STRUCTURE~~: Texture: micaceous
		TECTONIC STRUCTURE: Foliation in this interval is a consistent 30° to C/A
		GENERAL ALTERATION: Gabbro is totally altered to Sericite + chlorite with late small very irregular veinlets of Albite-Quartz + calcite at random angles.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Pyrite is abundantly disseminated throughout the altered gabbro and locally form irregular 3mm to 50mm thick layers parallel to the foliation.

SAMPLE #	From	To	Length

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 17-33

From	To	LITHOLOGY:
716.0	743.5	Silicified Sericitic + chloritic phyllite

COLOR: Lite whitish to yellowish grey with some thick Sections of lite green Rocks.

~~PRIMARY STRUCTURE~~: Texture; fine grain glassy Rocks, finely laminated by reminant foliation

TECTONIC STRUCTURE: foliation at 718.0 = 25° to C/A, @ 724.5 = 12°, 726.6 to 728.9 foliation flips back and forth from 25° to 5° to C/A. (folds) 719.0 to 719.5 fault zone cuts C/A @ 20° consists of crushed phyllite and soft gouge, 728.9 to 743.5 foliation is mainly 5° to C/A.
Widely scattered through-out this interval are Quartz-Sericite Veins 2mm to 10mm cut C/A at @ 55°

GENERAL ALTERATION: Sericitic - chloritic phyllite over printed by intense late Silicification.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

716.0 - to 117.3 Pyrite is abundant for 10% to 20%
117.3 to 743.5 Pyrite is not abundant in general less than 5% by Vol., with rare Local patchs 10cm or Less of 25% Pyrite
of 25% pyrite.

ADDITIONAL OBSERVATIONS: –

Drill Hole Record:

HOLE #: VA 17-33

From	To	
743.5	769.0	**LITHOLOGY:** Silicified Chloritic - Sericitic Phyllite.

COLOR: Mainly green mottled lite yellowish grey, with Some thick Intervals of lite yellowish grey

PRIMARY STRUCTURE: distroyed, TEXTURE; fine grained, foliated, hard rock.

TECTONIC STRUCTURE: Foliation in This interval ranges Between 16° to 10°, 754.3 to 763.5, is amplently distorted by Small scale Drag fold with axial plans that cut C/A @ 26°, 763.5 to 765.0 fault Zone Cuts C/A @ 40°? or @ 15°, Consists of crushed rock and Soft gouge.

GENERAL ALTERATION: Original Chlorite - Sericite phyllite is altered to mainly Sericite, all of which is overprinted by late intense Silicification

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					
				from	847.1	to 848.1	10%	to 10%

Pyrite in gen. is very weakly diss. throughout this Section, However Pyrite associated with dark green chlorite & intense Silicification.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

From	To	LITHOLOGY: Quartz after Phyllite?	HOLE #: VA 17-33
769.0	775.5		

COLOR: Lite grey mottled White.

PRIMARY STRUCTURE: Distroyed., TEXTURE, Fine grained and weekly crackled by very irregular hair line cracks, There is no evidence of phyllitic foliation

TECTONIC STRUCTURE:

GENERAL ALTERATION: Seticification is so intense, that there is no evidence, left to suggest the pre-alteration rock type, Some speckling by calcite & Sericite, Late stylolitic structures are lined by, pyrite, calcite and some muscovite locally.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

Disseminated Pyrite occurs weekly the Quartz, Pyrite occur most abundantly in thin stylolitic partings with Calcite & Muscovite, Local zones rarely more then 30 cm wide host up to 30% Pyrite in diss. + stylolitic structure.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA17-33

From	To	
775.5	827.0	**LITHOLOGY:** Silicified - Chloritic - Sericitic Phyllite . 775.5 to 808.7 808.7 to 827.0 Mainly Sericitic Quartz no foliation -

COLOR: Green, mottled Buffish White.

PRIMARY STRUCTURE: distroyed; TEXTURE, Very fine grained, finely foliated, rock, foliation locally is absent due to intense alteration, 808.7 - 827.0 No remnant foliation.

TECTONIC STRUCTURE: foliation to C/A@ 783.0 = 45°, @ 784.0 = 5°, @ 787.0 = 21°, @ 787.4 = 33°, @ 805.0 = 37°
789.8, 10 cm thick Gouge filled Shear cuts C/A@ 24°, 798.0 - 800.2 Fault Zone cut C/A 38°, consists of Crushed Phyllite & Soft gouge, Small scale drag folds occur through - out this interval, with Axis that cut C/A @ 20° Gen. parallel to Remnant foliation. This interval is all qmo weakly crackle breccia, by irregular, discontinuous Hair line fractures.

GENERAL ALTERATION: Original Silicified - Sericitized - Chloritized phyllite, is overprinted locally by 1cm to 100 cm thick zones of late intense Silicification + sericitization, 808.0 to 827.0 Rock is totally altered to Quartz with Lesser Sericite. 821.0 to 824.0 abund. diss. Lilac colored Sericite - ? Lepidolite?

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

Pyrite in this interval occurs in The Late Bands of Silice + Sericite alteration as weak diss. and in 2mm thick discontinuous irregular fracture. Those Zone range from 5% to 15% pyrite - 824 to 826.1 diss. maraposite associated with intense Silicification and pyritization.
Sample 824.0 to 825.0

ADDITIONAL OBSERVATIONS:

Drill Hole Record: 887 and Gabbro 880. Repol

From	To	LITHOLOGY: Foliated and altered Gabbro	HOLE #: VA17-33
827.0	846.0		

COLOR: Dark green 40%, and 60% Mottled white and lite grey with Lilac Speckling

~~PRIMARY STRUCTURE~~: TEXTURE; weakly but finely foliated, med. to very fine grained in altered zones

TECTONIC STRUCTURE: foliation to C/A @ 829.0 = 21°, @ 834.0 = 30°, @ 842.0 = 37, @ 846.0 = 33°

GENERAL ALTERATION: From 829.3 - 832.0, all feldspar altered to Epidote, approx. 60% of the gabbro is altered to Sericite, Chlorite, Quartz - Calcite and a lilac colored mica, (Lepidolite?)

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

Large Subhedral to Euhedral xtls. of Pyrite are widely scattered through-out all the gabbro altered and unaltered, est. pyrite Content 5% by Vol.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA17-33

From	To	LITHOLOGY:
846.0	856.9	Silicified Sericitic-chloritic Phyllite.

COLOR: Streak lite green, white & yellowish white

PRIMARY STRUCTURE: Texture: Very finely xtln, with fine, distorted lineation after foliation,

TECTONIC STRUCTURE: foliation totally distorted by small scale "S" drag folds, Axis @ 20° to C/A
Late Qtz-minor Calcite Veins cut C/A @ 40°

GENERAL ALTERATION: as previously described (See 775.5 to 827.0)

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Weakly diss. pyrite throughout this interval,
rare lite green Talc in Qtz. Vein @ 854.0

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 17-33

From	To	
856.9	866.1	LITHOLOGY: Phyllitic Gabbro Contacts parallel to foliation

COLOR: Streaked green with thick section of light grey, stippled by lilac grey.

PRIMARY STRUCTURE: finely xtln, and finely foliated.

TECTONIC STRUCTURE: Foliation to C/A @ 863.7 = 38°

GENERAL ALTERATION: as previously described for 827.0 – 846.0

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

Pyrite is weakly diss. through this interval, mainly 1% – 3% rarely 10%,

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 17-33

From To	
866.1 – 929.9	**LITHOLOGY:** Silicified, Chloritic, Sericitic Phyllite. From 885.0 to 896.0 phyllite is totally altered to Quartz, with minor Sericite.
E.O.H.	**COLOR:** Lite yellowish white streaked, lite grey, with thick intervals green streaked by lite grey
	PRIMARY STRUCTURE: Texture as previously discribed.
	TECTONIC STRUCTURE: Strongly foliated throught-out @ 863.7 = 38°, @ 873.0 = 17°, @ 877.5 = 21° foliation is strongly distorted by abund. Small scale "S" folds, with axil planes that cut core axes at 5° & 9° @ 880.0 a 1cm thick shear zone with soft gouge cut C/A @ 3°, 884.3 to 884.9 fault zone, mainly soft gouge cuts C/A @ 30°, @ 887.0, thin shear zone 5cm thick, mainly soft gouge cuts C/A @ 24°, foliation to C/A @ 885.0 = 30°
	GENERAL ALTERATION: @ 894.5 = 25°, Intense shearing with gouge starts @ 925.0 shearing cuts C/A @ 28°, 30° 929.0 to 929.9 fault zone mostly finely crushed phyllite & gouge. GEN. ALTERATION; as previously discribed for 827.0 to 846.0, but from 894.5 to 896.6 late fuchsite (Mariposite) forms from 10% to 50% of the core by vol., 926.0 to 929.0 strong fuchsite development. Rock is 60% fuchsite, zone cuts C/A

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length			Parallel	to foliation

@ 877.2, 1cm thick Quartz vein, parallel to foliation host some coarsely xtln. "galena"
Pyrite is weakly disseminated throughout this interval rarely more than 2% by volume
891.5 to 894.5, Galena is weakly diss. throughout this interval in thin irregular Qtz. veinlets and weakly diss. in adjacent. Pyrite is commonly associated with the galena.
Sampled from 888.5 to 895.5 See attached sample sheet.

Note; Some Rods left in Bottom hole
(250' ft of steel)

ADDITIONAL OBSERVATIONS:

SAMPLING CODES & ABBREVIATIONS FOR HOLE NO. VA17-33

Sample No	From	To	Width	Description
2108901	888.5	889.1	1.0	Quartz after phyllite 5% to 25% Pyrite
2108902	889.1	890.5	1.0	Quartz after Phyllite, rare galena, 5% to 20% diss. Pyrite.
2108903	890.5	891.5	1.0	Quartz after Phyllite, 10% to 20% diss. Pyrite rare galena.
2108904	891.5	892.5	1.0	Quartz after Phyllite, diss. galena, less than 0.5%, and diss. pyrite 5% to 10%
2108905	892.5	893.5	1.0	Quartz after phyllite, diss. galena, less than 0.5%, 5% to 10% diss. Pyrite
2108906	893.5	894.5	1.0	Quartz after phyllite, diss. galena, less than 0.5%, 5% diss pyrite.
2108907	894.5	895.5	1.0	Quartz after phyllite, with abundant massive fuchsite.
2108908	895.5	896.5	1.0	Quartz after phyllite, with abundant massive fuchsite.

DRILL HOLE RECORD

PAGE #: 1 of

PROPERTY: VINE
LOCATION: Peavine Crk on West Side
COMMENCED: June 18, 2017 COMPLETED: July 1, 2018
COORDS: Long. Lat.
COORDS: UTM (E) 586260 E (N) 5473510 (EL)
COORDS: Grid (E) (N) (EL)
ELEVATION: 960 Meters. COLLAR: Dip: −58° Azi: 121°
OBJECTIVE:
SURVEYS: Depth: Dip: Azi: Type:

HORI. COMP: Approx 406.82
VERT. COMP: 603.14
CORR. DIP:
TRUE BEARING:
% RECOVERY:
LOGGED DATE: June 2018
LOGGED BY: D.L. Pighin

HOLE#: VA-18-34°
LENGTH: 727.5 Meters
DRILL CONTRACTOR: F&B Drilling
CORE SIZE: NQ
CASING: 10.67
CORE STORAGE: Vine Property

From To	LITHOLOGY: Siltstone
10.67-50.3	FOOTWALL Quartzite

COLOR: Grey

PRIMARY STRUCTURE: Bedding gen. indistinct to rare

Bedding to C/A @ 22.0 = 72°, @ 34.0 = 71°

TECTONIC STRUCTURE: 47.1 to 50.3 Fault Zone, Consists of a 10cm thick Band of Soft Clay gouge developed in a Biotite, Sericite, Chlorite Phyllite, that is distorted by Strongly developed small scale Drag folds, irregulary streaked and mottled by Late calcite, Cut C/A @ 65°, appears parallel to Bedding

GENERAL ALTERATION: Regional, Biotitization & Sericitization, Spoted by rare Small Anhedral, pink garnets.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:
@ 35.66 20cm thick Qtz. Vein hosting rare Pyrite cuts C/A @ 19°. 40.3 to 40.5 Quartz Vein cut C/A @ 31° hosts minor pyrrhotite and Pyrite.

Additional SURVEYS: Depth:	Dip:	Azi:
20.42	-58.1	123.6°
291.0	-56.6	126.3
438.0	-56.6	128.5
547.7	55.5	129.4
625.7	54.1	128.5
727.52	51.4	129.4

SAMPLE#	From	To	Length

ADDITIONAL OBSERVATIONS:

Imperial ☐ Metric ☐

Drill Hole Record:

HOLE #: VA-18-34

From	To	
50.3	118.0	**LITHOLOGY:** Siltstone interlayered Gabbro Sills 50.3 to 56.7 Gabbro Sill., 79.3 to 106.2 The Siltstone Beds between the Sills are Part of the Footwall Quartzite Formations.
		COLOR: Green Gabbro, Grey Siltstone
		PRIMARY STRUCTURE: Med. to thick Bedded, and from 106.0 to 118, Siltstone is Massive, no Bedding, Siltstone gen. fine to med. grained, Bedding planes are rare, and Commonly distorted. rarely Tabular, rare 0.5 to 1.0 meter intervals thin bedded Silty Argillite, rare rip-up Clasts in Siltstone beds, Bedding to C/A @ 60.5 = 65, @ 68.2 = 80°, @ 77.3 = 80°
		TECTONIC STRUCTURE: 110.3 to 111.8 Fault Zone 0.9 meters Core loss, fault cuts C/A @ 45°, Consists of Crushed rock and Gouge.
		GENERAL ALTERATION: 56.7 to 79.3 Sills are weakly crackle brecciated, Patches of Silicification, Sericitization, and Dark green Chloritization occur through-out the Breccia Zone.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

56.7 to 79.3 - Pyrite occurs in hairline fractures, and is associated with Silicification and Green Chlorite, est. Pyrite Content By Vol less than 0.1%.

ADDITIONAL OBSERVATIONS:

Drill Hole Record: pw

HOLE #: VA-18-34

From	To	LITHOLOGY: Gabbro Sill
118.0	354.3	Consists of 70% amphibole and 40% plagioclase (est.)

COLOR: Dark Blackish green - speckled white.

~~PRIMARY STRUCTURE~~: TEXTURE: Gen. Coarsely xtln, with some scattered narrow bands of finely xtln. gabbro, 185.0 to 191.1 Very Coarsely xtln. Scattered plagioclase xtls in a Coarsely xtln Hornblende matrix, rock is 70% Hornblende, rare Qtz. 'eyes'

TECTONIC STRUCTURE: 197.2 to 197.5 Shear zone, marked by gouge + crushed rock. cut C/A 13°
Breccia zone cuts C/A @ 52° Consists of Quartz clasts, in Quartz-Sericite, calcite Matrix
234.7 to 235.1 Breccia zone cuts C/A @ 58° Consists of Chloritized gabbro clasts in a Clinozoisite Matrix
301.8 - 303.1 foliated zone cuts C/A @ 62: healed by Quartz + chlorite.

GENERAL ALTERATION: 209.0 - 209.7 Calcified zone. Contacts gradational, 219.2 to 220: alteration zone consisting of Albite, chlorite and Sericite. cut C/A @ 68°.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

	SAMPLE #	From	To	Length
126.5 to 127.0 Barren calcite Veni cut C/A at 15°				

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA-18-34

From	To	LITHOLOGY:
354.3	400.0	Silty Argillite Typical Lower Aldridge Seds.

COLOR: Lite Brownish grey, Banded dark Brownish grey, Locally lite greenish Banding & Mottling.

PRIMARY STRUCTURE: Thin to Very thin bedded, Bedding as sharp and commonly flat.
Some Beds Show grading fining upwards, Seds. are fine to Very fine grained.

@ 355.6 bedding to C/A = 64°, @ 371.2 Bedding to C/A = 12°, @ 391.3 Bedding to C/A = 70°

TECTONIC STRUCTURE:

GENERAL ALTERATION: Gen Regional, But from 354.3 to 355.8, Intense Silicification and minor chloritization overprints Regional alt. 367.3 to 367.5 a Band of Massive Biotite host abundant Euhedral Pink garnets and minor Calcite

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

@ 355.1, 2 cm. thick Galena, Quartz, pyrrhotite vein parallel to Bedding
@ 355.3 lenticular massive Pyrrhotite & galena, ranging between 8mm & 2mm thick, as sub parallel to bedding, @ 355.68, rare specks of Sphalerite.
@ 357.46 Barren Quartz vein cuts C/A @ 90°

ADDITIONAL OBSERVATIONS:

452. Phyllonite

Drill Hole Record:

HOLE #: VA-18-34

From	To	
400.0	470.6	**LITHOLOGY:** Gabbro
		COLOR: Green Speckled white
		PRIMARY ~~STRUCTURE~~: Texture; med. Finely Min.
		TECTONIC STRUCTURE: N.L
		GENERAL ALTERATION: N.L
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: N.L.

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA-18-34

From	To	
470.6	to 498.6	**LITHOLOGY:** Silty Argillite. Lower Aldridges Seds.

COLOR: Gen. Lite green, with Grey and reddish grey Banding & Mottling

PRIMARY STRUCTURE: Very thin Bedded, Bedding is distinct, But from 491.4 to 498.6 Bedding is distorted by small scale Drag folds

Bedding to Core Axis (C/A) @ 473.0 = 76°, @ 483.0 = 67°, @ 489.4 = 70°

TECTONIC STRUCTURE: 485.0 to 485.6 Breccia Zone Cuts C/A @ 20°, healed by calcite & Lithofied Gauge

GENERAL ALTERATION: Regional Alteration, is nearly totally overprinted Silicification and Chloritization.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

475.5 to 489.6, Sphalerite occurs in widely scattered patches as weak dissemination in the Seds. or as tiny Specks in hairline fractures. The Sphalerite always occurs with the Silicification and Chloritization See @ 476.1, @ 479.6, @ 489.6

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA18-34-

From To	
498.6-513.2	**LITHOLOGY:** Chloritic - Sericitic Phyllite after Sediments. Weakly Magnetic in spots 511.4 to 511.6 Strongly magnetic.
	COLOR: Green, Streaked Dark Green
	~~PRIMARY STRUCTURE~~: Texture: finely foliated, finely xtln. phyllite, with scattered Quartz - calcite Boudins
	TECTONIC STRUCTURE:
	GENERAL ALTERATION: Seds. are totally altered to Chlorite and Sericite
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: widely scattered thin wisps of Pyrrhotite + Pyrite occur through - out the Phyllite. 511.4 to 511.6 40% Pyrrhotite + Pyrite assoc. with Quartz + Calcite, is parallel to foliation and is Strongly magnetic.

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA18-34

From	To	
513.2	531.7	**LITHOLOGY:** Chlorite - Sericite phyllonite, after Gabbro - 523.6 to 524.9 Phyllite after Sed's.
		COLOR: Gen. Green - finely Spotted By dark green and white
		~~PRIMARY STRUCTURE~~: TEXTURE, Phyllonite is Competent does not Break along the foliation planes. planes of foliation are wavy; grains of Quartz, amphibole and Calcite after feldspar? Small Quartz Boudins are Common Throughout this interval.
		TECTONIC STRUCTURE: foliation to Core is 45°, planes of foliation are Slicken sided, Strikes 45° To Core Azi of 128°
		GENERAL ALTERATION: The gabbro phyllonite is totally altered to Chlorite, sericite and minor calcite
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Pyrite & Pyrrhotite are widely scattered Throughout the Phyllonite, gen. as very thin irregular Veinlet discordent and parallel to foliation. @ 524.6, Some very weakly diss. Sphalerite.

SAMPLE #	From	To	Length

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA18-34

From	To	LITHOLOGY:
531.7	-535.9	Chloritic, Sericitic, Biotitic, Quartz Phyllite after Sediments

COLOR: Green streaked dark green.

PRIMARY STRUCTURE: Texture: fine grn Phyllite, Strongly foliated, foliation planes are ~~[illegible]~~ and wispy, widely scattered blebs & wisps of Calcite.

TECTONIC STRUCTURE: foliation well developed @ 48° to C/A

GENERAL ALTERATION: Sediments Totally altered to Black + Green chlorite, Sericite, Quartz and Minor Biotite

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

From 532.2 to 535.9 The phyllite is magnetic and hosts from 5% to 10% Pyrrhotite as wisps & diss. parallel to foliation. Very weak diss. Sphalerite occurs with pyrrhotite all through this unit, This Zone is Conductive over approx 30 centers.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 18-34

From	To	
535.9	542.7	**LITHOLOGY:** Sericitic, Quartzite phyllite after Sediments.

COLOR: Lite green, Streaked and mottled lite reddish Brown and white.

~~PRIMARY STRUCTURE~~: Texture Has a Sewerated and lenticular texture, modified by strong foliation, finely ~~xtln~~. no evidence of mylonization

TECTONIC STRUCTURE: foliation mainly @ 58° to C/A.

GENERAL ALTERATION: Totally altered to wispy layers of Sericite & Quartz.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

Weakly diss. Pyrite through out this interval gen. less the 1.0% by Vol.

ADDITIONAL OBSERVATIONS:

Epidote 616

Drill Hole Record:

HOLE #: VA18-34

From	To	
542.7	574.4	**LITHOLOGY:** Phyllite and Phyllonite all after Gabbro

COLOR: Green Streaked dark green, green and lite green

PRIMARY STRUCTURE: Texture Phyllite as previous described

TECTONIC STRUCTURE: Foliation to C/A @ 554.0 = 57°, @ 565.0 = 54°
@ 562.0 a gauge filled Shear cut C/A @ 5°

GENERAL ALTERATION: Phyllite & phyllonite are gen. totally altered to Sericite, & Chlorite & Black Chlorite.
570.3 – 574.4 The Phyllite is mainly Waxy Black Chlorite, with abundant very irregular large patchs of late Calcite. 551.5 to 553.4, Some scattered irregular bands of Epidote.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

552.0 to 561.6 abundant large diss. Euhedral pyrite, rangeing between 5% and 10% by Vol.
571.8 to 574.4, irregular late Calcite Belbs host fine Pyrite & arsenopyrite
GRAB Sampled @ 553.3 Sample No.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA18 - 34

From	To	
574.4	580.8	**LITHOLOGY:** Phyllite after Sediments, Consists mainly of Sericite & Quartz with lessor Chlorite.
		COLOR: lite Green, wispy Streaked by Black, lite reddish brown and Brown lineations.
		~~PRIMARY STRUCTURE~~: Strongly foliated, plans of foliation are wispy & wavy.
		TECTONIC STRUCTURE: foliation cuts C/A @ 069°
		GENERAL ALTERATION: Sediments > Totally altered to Sericite, quartz and chlorite, and From 578.0 to 580.8 the Phyllite is altered in part to a lite yellowish green talc.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Pyrite is weakly diss. Throughout this interval, with rare thin wispy layers of nearly massive Pyrite Interval has less the 0.5 % pyrite by Vol.

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 18-34

From	To	LITHOLOGY:
580.8	588.5	Brecciated, Quartzite and mylonitized Quartzite

COLOR: Very lite grey with Some Silic grey Zones.

PRIMARY STRUCTURE: Not distroyed by alteration & tectonics, TEXTURE, Consists mainly of crushed + rounded unsorted Quartz grains in a Calcareous - Sericite matrix.

TECTONIC STRUCTURE: No distinct foliation, mainly a massive unit.

GENERAL ALTERATION: Silicified Quartzite mylonized with an Sericite - Carbonate matrix

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

587.3 to 588.5 Yellow Sphalerite & Lessor galena, occur as widely scattered specks + bleb, Commonly associated with Pyrite

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

658

HOLE #: VA18-34

From	To	
588.5	702.2	**LITHOLOGY:** Quartzite, with Segments of highly Brecciated Middle aldredge Silty Argillite 617.0 to 621.8 Brecciated - distorted Middle ALDRIDGE MARKER Bed. and @ 689.5 to 692.0
		COLOR: Mainly lite tan, with Some grey mottling
		PRIMARY STRUCTURE: Distroyed by Tectonics + Alteration Bedding on Marker Bed is distinct, But distorted, Patches of Dominant Bedding occurs through-out This interval, Bedding C/A @ 618.0 = 35°, @ 620.8 = 16°, @ 629.6 = 45°, @ 651.3 = 20°, @ 669.0 = 15°, @ 677.0 = 5°.
		TECTONIC STRUCTURE: Strongly Crackle Brecciated Through-out, healed by Quartz & Carbonate. 630.1 to 631.0 Fault cut C/A @ 38°, Consists of crushed Seds and Soft Fault gouge, 642.5 to 644.0 Shear Zone Fault? and assoc. Breccia, Some gouge cuts C/A @ 30° and or 12°.
		GENERAL ALTERATION: Late yellow Sericitization and associated intense Silicification, overprint Original grey Middle Aldredge Siltstone, @ 618.0 to 702.2 Intense Silicification and Sericitization is dominant, But with 1 to 2 meter Segments of Brecciated but unaltered Middle Aldredge rocks.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

at 607. rare Specks of yellow Sphalerite

@ 612.5, 5 cm thick Bull Quartz Vein cuts C/A 26°

@ 613.0, 10 cm thick Bull Quartz vein cuts C/A @ 13° hosts Some Large Patches of Pyrite

@ 613.6, 10 cm Thick Bull Quartz vein cuts C/A @ 18 hosts Some rare Pyrite

618.1 to 619.0 abundant small irregular Blebs of Pyrite in Silicified Siltstone

@ 619.0 a 2 cm thick Breccia Zone cuts C/A @ 45, host near Massive chalcopyrite

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA18-34

From	To	
702.2	to 706.2	**LITHOLOGY:** MOYIE FAULT (Consists mainly of Brecciated Devonian Carbonate rock in lithofied and Soft gouge)
		COLOR: Mottled grey, lite grey & white
		PRIMARY STRUCTURE:
		TECTONIC STRUCTURE: Fault Cut C/A @ 60° top & Bottom Contacts, good clear contact in Core
		GENERAL ALTERATION:

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length					
NIL.									

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 18-34

From	To	
106.2	227.5	**LITHOLOGY:** Dolomite, with Some interbedded. Black Dolomitic mudstone.
end		**COLOR:** Grey with white Crackle Breccia
		PRIMARY STRUCTURE: finely xtln, massive Dolomite, with faintly Bedding Black mudstone intervals One meter thick.
OF		
		TECTONIC STRUCTURE: Crackle Brecciated throughout, But only the Dolomite is Brecciated.
Hole		
		GENERAL ALTERATION: Regional

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

rare Pyrite in Black mudstone units.

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

DRILL HOLE RECORD

PAGE #: 1 of

PROPERTY: VINE		HORI. COMP:	HOLE#: VA18-35
LOCATION: Top of Peavine Mtn.		VERT. COMP:	LENGTH: 1323.5 M.
COMMENCED: July 3, 2018	COMPLETED: July 23, 2018	CORR. DIP: -90	
COORDS: Long.	Lat.	TRUE BEARING: —	DRILL CONTRACTOR: F&B Drilling
COORDS: UTM (E) 583815	(N) 5474100 (EL)	% RECOVERY:	CORE SIZE: NQ
COORDS: Grid (E)	(N) (EL)	LOGGED DATE: July 2018	CASING: 1.5
ELEVATION: 2990	COLLAR: Dip: -90 Azi: —	LOGGED BY: DJ Pighin	CORE STORAGE: Vine Property

OBJECTIVE:

SURVEYS: Depth: Dip: Azi: Type:

Imperial ☐ Metric ☐

From To		Additional SURVEYS: Depth:	Dip:	Azi:
1.5-19.8	LITHOLOGY: Mainly Siltstone minor interbedded Silty Argillite. Good Middle Aldridge Seds.	38.71	-89.5	150.7
		139.29	-89.0	139.29
		239.87	-88.4	132.5
	COLOR: Grey Banded Dark grey.	339.8	-88.2	155.1
	PRIMARY STRUCTURE: Med. Bedded, rare thick Beds, Bedding is mainly wavy,	440.0	-88.3	149.0
	Bad Bit Scoring (very Bad) @ 5.6 Bedding to C/A = 72°	540.0	-88.8	183.0
		640.0	-89	193.0
	TECTONIC STRUCTURE: —	740.0	-88.6	194.4
		840.0	-88.5	174.5
		940	-88.2	193.6
		1047.5	-87.9	198.7
	GENERAL ALTERATION: Regional Sericitization & Biotitization, with abundant tiny calcite	1140	-88.1	185.0
	flecks after selenite	1275	-87.9	208.8

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

minor to rare diss. Pyrrhotite & Pyrite @ 13.3 M. 5cm thick Qtz. Vein Cuts C/A at 18° hosts patches of Pyrite.

SAMPLE#	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA18-35

From	To	
19.8	to 66.0	**LITHOLOGY:** Silty Argillite interbedded Argillite and Calcareous Silty Argillite approx 35% of the thin Beds are strongly calcareous. 31.8 to 33.3 Calcareous Quartzite, 62.67 to 66.0 Calcareous Siltstone.
		COLOR: Parallel Banded, lite grey, dark grey and Brownish grey.
		PRIMARY STRUCTURE: Mainly Very thin bedded rare thin interbeds, Bedding is tabular, But indistinct due to Bed Bit Scoring, Most of the Beds are weakly arenaceous, Calcareous Qtzite consists of coarse grains of immature to mature, unsorted, ungraded Quartz Sand in a Calcite matrix Bedding to C/A @ 35.6 = 80°, Bedding @ 50.7 to C/A = 78°, @ 62.6 = 80°
		TECTONIC STRUCTURE: Thin gouge filled shear zone 5cm thick Cut C/A @ 50°
		GENERAL ALTERATION: Regional Biotitization and Sericitization

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

Through out this interval diss. Pyrrhotite and Lessor pyrite, thin Bedding parallel laminae. those Lami are rarely more then 2mm thick. They are Magnetic, and most of are Conductive - this segment host approx. 5% by Vol. FeS.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA18-35

From	To	LITHOLOGY:
66.0	to 71.5	Lamprophyre Sill. Consists mainly of Biotite, lessor calcite & Sericite

COLOR: Black.

~~PRIMARY STRUCTURE:~~ — Texture: med. xtln.

TECTONIC STRUCTURE: —

GENERAL ALTERATION: — look fresh!

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: —

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

From	To	
71.5	95.3	**LITHOLOGY:** Biotitic Quartzite, and Biotitic Siltstone.

HOLE #: VA18-35

COLOR: Lite grey to Dark grey locally mottled lite yellowish grey.

PRIMARY STRUCTURE: thick to Very thick Bedded, Bedding is indistinct, and Wavy, Commonly Flame Structured and gen. Slumb structured, gen Med to Coarse grained, Commonly graded finning upwards quartz detritus is mature to Submature, and is unsorted.
Bedding to C/A @ 84.0 = 78°

TECTONIC STRUCTURE:

Nil.

GENERAL ALTERATION: Regional Biotitization and Silicification is mottled By late yellowish Sericitization.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length					
Nil.									

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 18-35

From	To	
95.3	144.0	**LITHOLOGY:** Siltstone interbedded Silty Argillite est. Siltstone in this interval as 61.% **COLOR:** Gray Banded Dark Grey **PRIMARY STRUCTURE:** Mainly thin to med. Bedded, Bedding is gen. wavy and or distored by Soft Sed. deformation and locally good flame structure development. Bedding @ 99.6 to CA = 78°, @ 115.0 = 77°, @ 135.0 = 77° **TECTONIC STRUCTURE:** NIL **GENERAL ALTERATION:** Regional Biotitization and Sericitization

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

Pyrrhotite and lesser Pyrite is very widely Scattered through-out this interval. as 1mm to 3mm near massive sulphide layers, Pyrrhotite occurs widely scattered diss. Bands up to 1 cm thick, and locally as tiny Blebs, est. Pyrrhotite content for this interval as 0.2%

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 18-35

From	To	
144.0	158.4	**LITHOLOGY:** Silty Argillite interbedded Argillite

SUNDOWN Marker Bed 148.0 to 157.1 match Std #3 Spec 56; Base of Marker @ 170.5

COLOR: Grey Banded dark grey.

PRIMARY STRUCTURE: Mainly thin to very thin Bedded, Bedding is gen. distinct, and commonly Tabular. and locally distorted by Soft Sed. deformation.

Bedding C/A @ 157.0 = 78°

TECTONIC STRUCTURE: NIL.

GENERAL ALTERATION: Regional; 10% of the Argillite, some silty Argillite bed are Strongly Calcareous.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

Sundown Marker Bed is host to 5 thin massive Sulphide Beds, thickest Bed is 5mm thick; the rest are 1 & 2mm thick. Conductive V

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 18-35

From	To	LITHOLOGY:
1584	1783	Siltstone Some interbedded Silty Argillite, rare Quartzite 176.2 to 170.5 Marker Bed, Base of Sandreen marker Bed.

COLOR: lite grey to grey

PRIMARY STRUCTURE: Thin tonned and Some thick Beds, Bedding is distinct, and generally wavy Siltstone Beds are gen. fine to med. grained, Quartzite Beds med. to Coarse grain, Bedding Plans are modified by load Casts, Flame Structures, irregular soft Sed. Deformation @ 174.0 Bedding is 77° to C/A.

TECTONIC STRUCTURE:

GENERAL ALTERATION: Regional alteration, is overprinted by Bedding parallel Bands Black Biotite and diss. Calcite, Some late Bands + patches of Silicification associated with green Chloritization, Some Beds are spotted by Late Concretions rarely more the 1 cm. in size, consist of Black Biotite + diss. Calcite

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

@ 176.4, Small Patch of late Silicification + Chloritization host weakly Diss. Sphalerite

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA18-35

From	To	LITHOLOGY:
178.3	203.7	Siltstone interbedded Silty Argillite

COLOR: Lite grey Banded dark gray, Black, and Lite green.

PRIMARY STRUCTURE: Med. to thin and Very Thin Bedded, Bedding is distinct Tabular to Locally distorted by Soft Sed. deformation

Bedding to Core @ 181.4 = 76, @ 192.0 = 75°, @ 203.0 = 77°

TECTONIC STRUCTURE: @ 186.2 thin gauge filled Shear 5cm thick cuts C/A @ 40°

GENERAL ALTERATION: Beds are gen. Silicified, and over printed by Bedding parallel Bands and Concretions Composed of mainly Black Biotite and less. Calcite. Bedding Parallel Bands & Concretions consisting Silicification and lite green chlorite, Small eliptical Concretions, as previous discribed are scattered throught out this interval

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length				late	

@ 185.1 @ 1.0 cm thick Band of near massive Sphalerite is parallel to Core, associated with late Silicification and Chloritization

195.0 to 195.3 Bulbs of Sphalerite are relatively abundant, associated with late Silicification & Chloritization

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 18-35

From	To	LITHOLOGY:
203.7	316.0	Gabbro Sill Top Contact is Sharp and flat.

COLOR: Green speckled weat.

~~PRIMARY STRUCTURE:~~ mainly med. to fine ath.

TECTONIC STRUCTURE: NIL

GENERAL ALTERATION:

FRESH

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

NIL.

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 18-35

From	To	LITHOLOGY:
316.0	334.3	Siltstone interbedded Silty Argillite & Argillite

COLOR: Green and Dark Brownish Grey & Black.

PRIMARY STRUCTURE: Main Med. to thin bedded, with Some Very thin Beds, Bedding is mostly indistinct due to heavy Bit scoring Bedding is gen. distorted, due to Soft. Sed. Deformation

Bedding to C/A @ 320 = 88°, @ 330.0 = 80°

TECTONIC STRUCTURE:

GENERAL ALTERATION: Sed. are strongly chloritic in part, and strongly Biotitic in part.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

@ 331.7, 2cm thick Ribbon Stretched Calcite, Quartz, Pyrrhotite + minor Chalcopyrite Veins cuts C/A @ 10°

SAMPLE #	From	To	Length

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 18 - 35

From	To	
334.3	348.6	**LITHOLOGY:** Siltstone, minor interbedded Argillite. Interval is 90% Siltstone
		COLOR: grey to lite grey.
		PRIMARY STRUCTURE: Mainly med. to thick bedding, rare 20 cm thick sequences of very thin bedded Argillite. Bedding generally indistinct, but where visible it is wavy.
		TECTONIC STRUCTURE: @ 343.2, 5cm thick gouge filled shear zone cuts C/A @ 43°.
		GENERAL ALTERATION: Regional Beotitization + Sericitization

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

NIL.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 18-35

From	To	
348.6	358.3	LITHOLOGY: Silty Argillite, rare thin Siltstone interbeds. 348.6 to 352.3 KID Marker BED ? Badly distorted by tectonics - Matched - interval 90% Silty Argillite
		COLOR: thinly Banded lite grey, grey and reddish grey
		PRIMARY STRUCTURE: Gen. Very thin Bedded, to thin bedded, Bedding is sharp and flat.
		Bedding to C/A @ 350.0 = 77°
		TECTONIC STRUCTURE: @ 351.0, 10cm thick Shear Zone Cuts C/A @ 64°
		357.2 to 357.8 Fault Zone, Consists fault gouge & crushed Sediments.
		GENERAL ALTERATION: Regional, locally Banded by late reddish Brown Biotite

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length					
NIL									

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 18-35

From	To	
358.3	408.0	**LITHOLOGY:** Mainly Siltstone minor interbedded Silty Argillite.
		MOYIE MARKER BED Zone From 381.7 to Base @ 399.3 (Matched to Standard)
		This interval is Est 17% Siltstone
		COLOR: Grey, Banded & Mottled by lite greenish grey and locally by whitish yellow.
		PRIMARY STRUCTURE: Mainly thick to Very thick Bedded, Some Siltstone Beds are Plus one meter thick
		Bedding is indistinct, But as sharp and distinct in the marker Beds, Rip-up clasts are widely
		Scattered in Through-out, most Bedding Planes are wavy
		Bedding to C/A @ 382.6 = 85°, @ 399.3 = 82° to C/A
		TECTONIC STRUCTURE:
		@ 407.5 Thin Shear zone cut C/A 36°
		GENERAL ALTERATION: Mainly Regional Recrystallization, Sericitization and Silicification; Most of the Siltstone
		Beds are weakly Calcareous, and locally strongly Calcareous.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length
weakly diss Pyrrhotite Here & there through out this interval				

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA18-35

From	To	LITHOLOGY: Siltstone interbedded Silty Argillite + rare argillite
408.0	417.6	422.9 to 425.5 massive Argillite Bed. 431.2 to 438.0 Massive Calcareous Siltstone
		BUTTE MARKER ZONE 425.5 to 431.88 Matched to Spec. DH02-1 + 43' interval = 45% Siltstone

COLOR: Grey Band like grey.

PRIMARY STRUCTURE: Med. to thin bedded, rare Thick Beds, Bedding is indistinct, Commonly distorted by Soft Sed. deformation, Some of the Siltstone beds are distinctly graded, fining upwards; Bed tops are typically Argillite, commonly distorted by Soft Sed. Deformation.
Bedding to C/A @ 431.88 = 84, at 446.5 = 83° to C/A.

TECTONIC STRUCTURE: @ 438.6 Calcite Healed Breccia Zone cuts C/A @ 10°

GENERAL ALTERATION: Regional Biotitization + Sericitization, local Silicification

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

@ 410.67, 5cm thick Quartz Vein cuts C/A @ 20° hosts minor pyrrhotite & coarsely xtln. Black Biotite.
from 425.5 to 431.88 in the Butte marker Zone, there are 18 thin 1mm to 5mm thick layers of Massive Pyrrhotite; these pyrrhotite layer are magnetic and all are very Conductive.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA18-35

From	To	
452.5	477.0	**LITHOLOGY:** Siltstone interbedded Silty argillite.
		this interval is 90% Siltstone
		COLOR: Lite grey and dark grey.
		PRIMARY STRUCTURE: Mainly med. to thin and very thin Bedded, with thick to very thick Beds from 447.6 to 452.5 and from 458.0 to 459.7, and from 472.5 to 475.0 this is one only Siltstone Bed. these thick Beds appear not to be graded, Bedding in this interval is distinct, Bedding planes are disrupted by Soft Sed. Deformation. Bedding to C/A @ 452.5 = 81°, @ 460.5 = 78°
		TECTONIC STRUCTURE: NIL
		GENERAL ALTERATION: Regional Sericitization + Silicification and Biotitization. Calcite after Selenite xtls. are widely scattered through-out this interval.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: rare diss. Pyrrhotite

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA18-35

From	To	LITHOLOGY:
447.6	452.5	Siltstone This interval is 100% Siltstone

COLOR: Lite grey

PRIMARY STRUCTURE: Med. to very thick Bedded, Bedding is indistinct, massive beds, no lamination

TECTONIC STRUCTURE: NIL

GENERAL ALTERATION: Regional Sericitization and Silicification, abundant Calcite after selenite developed mainly in Bed tops.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

1. rare diss. pyrrhotite

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA18-35

From	To	
477.0	493.7	**LITHOLOGY:** Mainly Silty Argillite interbedded Siltstone. FALLS MARKER 477.7 to 480.7, MONROE MARKER 491.6 to 493.7
		This interval is 28% Siltstone
		COLOR: Banded light grey + Dark grey.
		PRIMARY STRUCTURE: thin to very thin Bedded, Bedding is mainly Sharp and flat.
		487.3 to 490.8 thick to very thick bedded Siltstone, gen. massive, Bedding is rare.
		Bedding to C/A @ 477.8 = 79°, @ 486.7 = 83
		TECTONIC STRUCTURE: NIL.
		GENERAL ALTERATION: Regional.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:
		rare diss. Pyrrhotite.

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

80%, Cryst

Drill Hole Record:

HOLE #: VA 18-35

From	To	LITHOLOGY:
493.7	569.5	Siltstone interbedded Silty Argillite, rare Argillite 80 % of the Sediments in this interval are weakly to Strongly Calcareous PARK MARKER in Scattered Segments from 528.6 to 562.6, 57% of interval is Siltstone

COLOR: Lite grey to grey This interval is 70% Siltstone

PRIMARY STRUCTURE: Very thin to med Bedded, with Some thick to Very thick Beds between 498.6 and 503.4 Dominately very thin Bedded Between 527.0 & 530.0, and from 554.0 to 559.0, and 568.0 to 569.5 Bedding Plans are gen wavy, and marked by Soft Sed. deformation, Bedding is distinct-Sharp in their Bedded intervals Bedding to CA @ 526.0=86, @ 562.4=84, @ 569.0=78°

TECTONIC STRUCTURE: NIL

GENERAL ALTERATION: Regional alteration, is overprinted by patches and Bands of late lite yellowish Sericite Argillite Beds are totally altered to massive watery grey Sericite, surrounding abundant Euhedral and Subhedral Sand sized Quartz Crystals, Calcite xtls. after Selenite are widely scattered Through out this interval.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length
518.0 to 522.0	Calcareous Silty Argillite beds host 1.0% diss. Pyrrhotite, these beds are weakly magnetic		
527.0 to 531.5	" " " " " " " " " " " " " "		

ADDITIONAL OBSERVATIONS:

528 993-

Drill Hole Record: Page # 18 of

HOLE #: VA18-35

From	To	LITHOLOGY:
569.5	637.4	Siltstone interbedded Silty Argillite PARK Marker Base Segment 588.8 to 589.5, LAMB MARKER top 625.1 & Base 626.0 interval is 70% Siltstone

COLOR: Banded Lite grey, grey and Brownish Grey.

PRIMARY STRUCTURE: mainly Med. to thin Bedded, with some very thick Bedded and Very thin Bedded Sequences. 571.76 to 578.5 thick to very thick Bedded Siltstone, Very thick siltstone Beds 584.91 to 587.3, @ 593.4 to 594.9 Bedding is gen. distinct, and wavy due to load Casting and Soft Sediment deformation, Siltstone Beds are Commonly graded fining upwards, Bedding to C/A @ 588.8 = 80°, @ 625.0 = 82°, Very thin Bedded 634.7 to 637.4.

TECTONIC STRUCTURE:

Nil

GENERAL ALTERATION: 75% of the Siltstone beds in this interval are weakly to Strongly Calcareous. Gen Regional Biotitization, Sericitization, rare Silicification, Some late Bands of Coarsely xtln. Black Biotite

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

Some local Patches of weakly diss. Pyrrhotite

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 18-35

From	To	
637.4	683.0	**LITHOLOGY:** Siltstone interbedded Silty Argillite, and rare Argillite. 651.6-652.0 thin gabbro sill, 40% of the Siltstone Beds in this interval are weakly to strongly Calcareous. 679.7 to 682.1 Gabbro Sill. Interval is 75% Siltstone.
		COLOR: lite grey, Banded grey, and locally greenish grey
		PRIMARY STRUCTURE: Mainly med. to thin bedded, with scattered narrow segments of very thin bedded, widely scattered Very thick Siltstone Beds ie: 643.0 to 650.0, 652.7 to 653.0, 660.5 to 663.0, Bedding planes are distinct and gen. wavy, but are tabular in thin Bedded Sequences, Load Casts and soft Sed. deformation mark most of the Bed planes. Rip-up clasts are with scattered through out this interval. Bedding to C/A @ 633.5 = 81° @ 682.1 = 80°
		TECTONIC STRUCTURE: Nil
		GENERAL ALTERATION: Regional Biotitization, and Sericitization is overprinted by Late Bands and patchs pale yellow silicification, sericitization, and lite green Chloritization, Some small patches of anhedral Pink garnets. ie: @ 675.6

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

@ 669.0 5cm thick Quartz-chlorite Vein cuts C/A @ 12° host Blebs of Massive Pyrrhotite
rare Diss. Pyrrhotite occurs through out this interval.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 18-35

From	To	
683.0	714.4	**LITHOLOGY:** Siltstone interbedded Silty Argillite, rare Argillite. HIAWATHA Marker starts at 683 and continue down hole in scattered Segments to at least 714.4. 50% of the Siltstone Beds are weakly to strongly calcareous.
		COLOR: Banded Lite grey, grey and dark grey, and Locally Banded dark Brownish grey
		PRIMARY STRUCTURE: Mainly med. to thin Bedded, with scattered thin intervals of very thin Bedded Silty Argillite and Argillite, rare very thick Siltstone Beds ie from 696.8 to 698.5, Bedding is distinct, it gen. wavy at the Base of siltstone Beds. Bedding plans are gen. flat + sharp in the very thin Bedded Silty Argillite Sequences @ 697.0 Bedding to C/A = 86°, @ 714.0 = 85 to C/A.
		TECTONIC STRUCTURE: NIL.
		GENERAL ALTERATION: Regional Silicification, Biotitization & Sericitization.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Rare Diss Pyrrhotite.

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 18-35

From To	
714.4-834.0	**LITHOLOGY:** Siltstone interbedded Silty Argillite 75 % of the Siltstone in this interval is weak to Strongly Calcareous 70% of this interval is Siltstone
	COLOR: Banded lite grey, Grey and lite Brownish grey.
	PRIMARY STRUCTURE: Mainly med. to thin Bedded, with Some scattered intercalated very thin bedded sequences and very thick Bedded Siltstone units i.e. thick to very thick siltstone bed from 719.5 to 721.0, & from 741.0 to 749.1 and from 754.0 to 756.5, thin to very thin bedded from 749.6 to 764.6, Thick to very Thick Bedded Siltstone 790.2-802.6, thick to very thick Siltstone Bed, 831.6 to 834. thick to very thick Bedded Siltstone
	~~TECTONIC STRUCTURE:~~
	Bedding is distinct, gen. wavey (load casts, Flame structs etc.) on Siltstone Bed Bases, thin to very thin bedded Silty Argillite Beddin is tabular, Bedding to C/A @ 736.6=83°, @ 764.0=80°, @ 785.4=80, @ 803.0=78°, @ 826=82°,
	GENERAL ALTERATION: Regional Protitization, Sericitization and Silicification, the Calcification of these Sediments here and up hole and Down hole is local and is probably Diagenetic, late amber Muscovitization Completly alters Some lining Beds and produces patches in others, Small Concretions composed of Coarse Black Biotite and calcite are relatively Common in this interval.
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:
	Very rare weak diss. Pyrrhotite @ 791.5 Hair line calcite filled fracture Hosts Tiny Specks of Sphalerite @ 800.4 2mm thick layer of Sphalerite is parallel to Bedding.

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 18-35

From	To	
834.0	916	**LITHOLOGY:** Siltstone with intercalated Beds and Sequences of Silty Argillite and argillite. 50% of this Sediments are weakly Calcareous to Strongly Calcareous, this interval AV. 75.2% Siltstone.
		COLOR: Banded lite grey and Dark and locally Banded Brownish grey.
		PRIMARY STRUCTURE: thin to med and thick Bedded, with intercalated continuous Sequences of thick to Very thick beds of Siltstone ie 852.7 to 858.0, 862 to 869.0, 895.0 to 897.6, 905.9 to 910.4, significant sequences of thin to Very thin Bed Silty Argillite + Argillite are at 870.5 to 877.7 and 883.2 to 886.6. Siltstone Bedding is gen. wavey Due to load cast etc. Silty/Argillite Beds, Bedding is sharp and tabular. Bedding to C/A @ 858.0 = 83°, @ 886.6 = 85°, @ 898.0 = 87°
		TECTONIC STRUCTURE: NIL
		GENERAL ALTERATION: Same as from 714-834.0

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					
Pyrrhotite:								

rare very weak local patches of diss.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 18-35

From	To	
916.0	979.0	**LITHOLOGY:** Mainly Siltstone, with some interbedded Silty Argillite sequences; Calcareous Beds are rare in this interval. This interval is 74% Siltstone.
		COLOR: Light Gray to Gray and locally Brownish Gray
		PRIMARY STRUCTURE: Mainly med. to thin, and thick Bedded, with thick to very thick Bedded Sequences in: 916 to 926.0 & 980.0 to 932.0 & 958.5 to 964.3. Bedding at Siltstone Bed Bases is distinct and wavy due to Load Casts & Soft Sed. deforming Silty Argillite Beds; Bedding is flat & distinct. Bedding to C/A @ 936.0 = 80°, @ 967.5 = 83°
		TECTONIC STRUCTURE: NIL
		GENERAL ALTERATION: Regional Silicification, Biotitization & Sericitization, widely scattered patchs rarely more than 10cm thick hosts Subhedral to anhedral Pink Garnets.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Rare diss. Pyrrhotite

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 18-35

From	To	
979.0	989.3	**LITHOLOGY:** Mainly Silty Argillite interbedded Siltstone - 35% of this interval is Siltstone

COLOR: Banded Brownish Grey speckled white, with lite grey to white

PRIMARY STRUCTURE: Mainly thin to very thin Bedded, Some med. Beds. Bedding is Sharp and flat - Silty Arg. Beds finely parallel laminated, Siltstone interbeds fine grained and high altered.

Bedding to C/A @ 984.6 = 85°

TECTONIC STRUCTURE: Nil

GENERAL ALTERATION: Silty Argillite Beds consist mainly of fine Brownish Black Biotite + Silica, that is peppered by diss. white Calcite. Siltstone are altered to fine quartz silt in massive white Sericite matrix, Some of these beds are intensely Silicified.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Some weakly diss. Pyrrhotite

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 18-35

From	To	
989.3	1081.0	**LITHOLOGY:** Siltstone minor interbedded Silty Argillite Marker Bed Segments 5cm thick @ 1055.2 & 1046.7

COLOR: ranging Between Lite greenish grey and dark grey

PRIMARY STRUCTURE: Mainly Med.-thick and Very thick Bedded, some 50cm thick intercalated thin to very thin bedded sequences. Siltstone Bedding is indistinct and wavy due Soft Sed. Deformation, load casts etc. Silty Arg. Beds are sharp & flat. Bedding to C/A @ 1018.0 = 77°, Bedding to C/A @ 1059.5 = 79°.

TECTONIC STRUCTURE: 1030.0 to 1038.0 Breccia Zone cuts C/A @ 12°, partly healed by Quartz, But is also very Vuggy.

GENERAL ALTERATION: Regional Silicification, Biotitization, Sericitization, with Scattered patch of anhedral Pinks, Some late mottling By lite green Chloritization and late thin Banding by reddish Brown Biotite, Subhedral to anhedral pink garnets occur in widely scattered patchs & Bands Garnets are abundant from 1052.0 to 1078.0

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

at 992.6 a 5cm thick Quartz Vein host Coarsely xtln. Black Biotite & Belbs of Pyrrhotite. Cut C/A @ 17°

@ 997.7 a 10cm thick Quartz Vein Cuts C/A @ 15° hosts Coarse Black Biotite and Some Blebs of Pyrrhotite

@ 1004.0 a 5cm thick Quartz Vein Cuts C/A @ 15 " " " " " " " " "

@ 1006.2 a 3cm thick Vein of Coarsely xtln. Black Biotite Cuts/CA @ 18°

@ 989.3 rare diss. Sphalerite

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 18-35

From To	LITHOLOGY: Siltstone Interbedded Silty Argillite
1081.0-1120.7	Most of these sediments weakly calcareous to strongly calcareous
	Strongly calcareous sequences are from 1081.0 to 1150.0 & from 1115.0-1120.7, Marker Segment @ 1099.1
	COLOR: lite grey Pendel grey, rarely dark grey, Strongly Calcareous Beds are reddish Brown Speckled White.
	PRIMARY STRUCTURE: Med., thin and very thin Bedded, Bedding is distinct and gen wavy due to Load Casts. Some Ball + Pillow structures and Soft Sed. Deformation, Flat Sharp Bedding is dominant in thin bedded Silty Argillite Sequence. Strongly Calcareous Beds are commonly finely parallel laminated, these Bedding to C/A @ 1115.0 = 82°
	TECTONIC STRUCTURE: NIL
	GENERAL ALTERATION: Calcareous Beds are altered to fine Brown Biotite, sericite and carbonate matrix around silt sized Quartz detritus. Some of these beds strongly Silicified, Narrow zones weakly diss. Anhedral Pink garnets are relatively abundant but scattered throughout this interval. Some Argillite? Beds in the Strong calcareous Sed. Sequences are totally altered to fine white Sucrosic Sericite
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:
	rare diss. Pyrrhotite

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA18 - 35.

From	To	
1120.7	1158.6	**LITHOLOGY:** Mainly Siltstone Interbedded Silty Argillite & Argillite. Calcareous Beds are rare in this interval.
		COLOR: Shades of Grey.
		PRIMARY STRUCTURE: Med to thick bedded, minor intercalated thin sequences of thin to Very thin Silty Argillite, Bedding is indistinct to distinct; Commonly deformed by Soft Sed. deformation @ 1132.5 Bedding to C/A = 80°
		TECTONIC STRUCTURE: @
		GENERAL ALTERATION: Regional, rare limy Beds

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

@ 1124.5 Quartz Vein 10cm cuts C/A 20°, host Scattered blebs of pyrrhotite and Some Coarsely xtln Black Biotite

1126.0 to 1126.7 White Bull Quartz Vein cuts C/A @ 13° Hosts Rare Pyrrhotite and Coarsely xtln Black Biotite

ADDITIONAL OBSERVATIONS:

Drill Hole Record: Parallel

HOLE #: VA 18-35

From	To	LITHOLOGY:
1158.6	1173.6	Calcareous Siltstone all the Sediments in this interval are weakly to Strongly Calcareous.

COLOR: Reddish Brown to Reddish grey, Rhythmically Banded By widely Spaced Lite greenish grey Beds.

PRIMARY STRUCTURE: Thick, med. and thin Bedded, Bedding is distinct. Wavy and flat load casts commonly developed on Bed Bases, Siltstone Beds are finely parallel laminated, Siltstone beds are fine grained, and graded fining upwards.
Bedding to CA @ 1162.2 ± 80°

TECTONIC STRUCTURE:

GENERAL ALTERATION: Regional alteration is totally overprinted by late fine sucrosic Sericite and lite amber Sericitization, speckled by white calcite, anhedral Pink garnets are weakly diss. Locally, garnets are gen. associated with late Silicification, this alteration forms the matrix to fine quartz detrites
Lite greenish white en thin interbeds are totally altered sucrosic Sericite.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

rare diss. Pyrrhotite

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 18-35

From	To	LITHOLOGY:
1173.6	1190.3	Siltstone interbedded Argillite & Silty Argillite.

COLOR: Banded grey, Dark grey and grey

PRIMARY STRUCTURE: Med, thin and Very thin Bedded, Very thick Bedded. 1176.6 to 1178.6, Bedding is distinct wavy to fld sharp in the thin bedded Argillite & silty Argillite Beds. Some thin Zones of intense soft Sediment Slumping.

TECTONIC STRUCTURE: NIL

GENERAL ALTERATION: Mainly regional with patches of late Silicification and garnetization

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

rare diss Pyrrhotite

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 18-35

From	To	
1190.3	1264.0	**LITHOLOGY:** Siltstone interbedded Silty Argillite approx. 1/3 of the Seds. in this interval, are weakly to strongly Calcareous
		COLOR: Banded light grey and dark grey, Some like greenish grey Banding and Mottling
		PRIMARY STRUCTURE: Generally med. to thick and very thick Bedded, with scattered intervals of thin to very thin Bedded Silty Argillite, Bedding is distinct, gen. wavy and or distorted by Soft Sediment Slumping, flat shorts bedding occur in association, thin bedded Silty argillite intervals Soft Sed. Slumping from 1223.0 to 1226.0, Bedding to C/A @ 1233.5 = 78°, @ 1255.0 = 82°
		TECTONIC STRUCTURE: N.C.
		GENERAL ALTERATION: Regional Profitization & Silicification and Sericitization, overprinted locally by Calcification, and amber Sericitization with 5 to 10cm thick zones of diss. Anhedral Pink garnets abundantly scattered through-out this interval.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length
1210.0 – 1210.5 Bull Quartz Vein, with Coarse Black Biotite Selvages along Contacts Hosts relatively abundant Pyrrhotite Cuts C/A @ 110,				
1234.4 to 1235.2 Bull Quartz vein Same as above cuts C/A @ 12°				

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 18 - 35

From	To	LITHOLOGY:
1264.0	1278.6	Argillite Slightly Silty "Sullivan Muds"

COLOR: Dark Grey

PRIMARY STRUCTURE: Thick Bedded, minor Thin Bedded, Bedding is distinct, Beds are very finely parallel laminated, through out this interval, Bedding planes are tabular.

TECTONIC STRUCTURE: —

GENERAL ALTERATION: Regional Sericitization & Biotitization, locally speckled by hole edecite.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

Sullivan Muds (fine silty Argillite)

1264.0 to 1267.0 rare diss pyrrhotite

1267.0 to 1269.0 1% diss. Pyrrhotite

1269.0 to 1272.0 3% diss. Pyrrhotite

1272.0 to 1273.0 4% diss Pyrrhotite weak diss. Sphalerite through-out, with @10cm thick interval with 5cm thick Bands of Pyrrhotite & sphalerite (Conductive)

1273.0 to 1274.0 5% Diss. Pyrrhotite, Some diss. Sphalerite

1274.0 to 1275.0 10% Diss. Pyrrhotite, abundant thin lamia from 1.0mm thick to 10mm thick

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA18-35

From	To	
1278.65	1323.5	**LITHOLOGY:** Silty Argillite
		GOOD LOWER ALDRIDGE SEDs
		COLOR: Maroonish grey and grey, with white Bed tops
		PRIMARY STRUCTURE: Mainly thin to very thin Bedding, Bedding plans sharp & flat. Gen. very fine
END		grained Sediments. Some beds are very finely parallel laminated, Beds are Rhythmically
		interbedded by thin white silty Bed tops
		Bedding to C/A @ 1287.5' = 80°, @ 1322.75' = 81°
OF		**TECTONIC STRUCTURE:** NIL.
HOLE		
		GENERAL ALTERATION: Regional Bioturbation, Sericitization, with Some beds that are weakly calcareous

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

rare diss. Pyrrhotite.

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

DRILL HOLE RECORD

PAGE #: 1 of

HOLE#: VA 18-36
LENGTH: 995.7

PROPERTY: VINE
LOCATION: Peaunie Crk east Side
COMMENCED: July 24, 2018 COMPLETED: Aug. 7, 2018
COORDS: Long. Lat.
COORDS: UTM (E) 586369 (N) 5473803 (EL)
COORDS: Grid (E) (N) (EL)
ELEVATION: 980 COLLAR: Dip: -73° Azi: 093°

HORI. COMP: approx 372.0 m.
VERT. COMP: 922.0 m.
CORR. DIP:
TRUE BEARING:
% RECOVERY:
LOGGED DATE: July-Aug 2018
LOGGED BY: D.L Pighin

DRILL CONTRACTOR: F&B Drilling.
CORE SIZE: NQ
CASING: 2.0
CORE STORAGE: Vine Property

OBJECTIVE:

SURVEYS: Depth: Dip: Azi: Type:

Additional SURVEYS:

Depth:	Dip:	Azi:
40.0	73.1°	092°
~~480~~ - 140.0	-72°	095.5°
~~140~~ - 340.0	-70.6	103.6°
440.0	-69.9	106.2
541.0	-69.9	109.2°
642.0	-68.8	112.2°
740.0	-66.7	117.8°
846.0	-64.8	116.0
956.0	-63.5	115.1°

Imperial ☐ Metric ☐

From To **LITHOLOGY:** Siltstone
2.0-65.0 "FOOTWALL Quartzites"

COLOR: Grey with lite green mottling, becoming mainly lite green from 15.4 to 65.0

PRIMARY STRUCTURE: Thick to Very Thick bedded, Bedding gen. indistinct, rarely sharp flat. Gen fine grained Sediments
Bedding to C/A @ 14.8 = 52°

TECTONIC STRUCTURE: Quartz filled Veinlets, rarely more than 2mm wide are widely scattered throughout this interval, Fold Starts @ 28.0 Bedding to C/A @ 29.0 = 18°; @ 57.6 = 12° @ 60.5 = 35°

GENERAL ALTERATION: Regional Biotitization, silicification is overprints from 15.4 to 29.0 By lite green chloritization, 29.0 to 65.0, Late chloritization is patchy. All of this interval is Silicified.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE#	From	To	Length					

ADDITIONAL OBSERVATIONS:

356

Drill Hole Record:

HOLE #: VA18-36

From	To	LITHOLOGY:
65.0	79.2	Foliated Siltstone & Silty Argillite.

COLOR: lite greenish grey, stearked lite yellowish Brown, with Some white streaks and blebs.

PRIMARY STRUCTURE:

TECTONIC STRUCTURE: Foliation cuts C/A @ 59°, this foliated Zone is not Strong enough to be called a phyllite

GENERAL ALTERATION: Foliated zone is intensely altered by fine yellow sericite, overprinted by Silicification, with Black chlorite deposited on planes of Foliation
Late Quartz Veinlets cut planes of foliation at 50° & 30°

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

Pyrite is weakly diss. through out the foliation Zone.

ADDITIONAL OBSERVATIONS:

Drill Hole Record: 138. Hole

HOLE #: VA18-36

From	To	
79.2	110.8	**LITHOLOGY:** Chlorite Siltstone

COLOR: late green, with Some white mottling

PRIMARY STRUCTURE: Bedding is not distinct due to Alteration, rare bedding @ 84.5 & @ 107.6 = 70°

TECTONIC STRUCTURE: NIL.

GENERAL ALTERATION: Late Chloritization, with patchy Silicification, Through out this interval.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

weakly diss. pyrite occurs locally Through out this interval.
101.7 to 102.0 Quartz Vein cuts C/A @ 80°, hosts diss. Pyrite
@ @ 88.2 Small bleb of Sphalerite.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA18-36

From	To	
110.8	140.4	LITHOLOGY: Gabbro upper Contact cuts C/A @ 65°, Contact is not Sharp
		COLOR: Green, with white speckling
		~~PRIMARY STRUCTURE:~~ TEXTURE med. to finely xtln
		TECTONIC STRUCTURE: N
		GENERAL ALTERATION: Fresh

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length
122.7 to 123.0 Quartz-Calcite Vein hosts Small & Large blebs of Massive Pyrhotite				
123.7 to 124.2 " " " " " " " " " " "				

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

264.35

HOLE #: VA 18-36

From To	LITHOLOGY: Chloritic Siltstone and minor Silty Argillite
140.4 - 184.2	179.0 to 184.2 Aldridge Fragmental unit.
	COLOR: Lite Green, with Some white & Grey mottling
	PRIMARY STRUCTURE: Mainly Med. to thick Bedded with Some narrow sequences of thin to Very thin Bedded. Bedding is mainly indistinct Due to Strong alteration, the Aldridge Fragmental unit Consists Angular clasts, that are matrix Supported, Clasts are gosty due to alteration. Bedding to C/A @ 141.0 = 66°, @ 153.5 = 74° @ 171.5 = 80°
	TECTONIC STRUCTURE: at 146.7, Breccia Zone 5cm thick cuts C/A @ 34° Healed by Quartz & Calcite.
	GENERAL ALTERATION: The Sedi. in this interval are altered by Late lite green chloritization & Patchy Silicification, rare Calcite, Biotite Concentrations iii @ 151.7

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length
170.0 to 170.7 widely scattered thin 1 to 3mm thick Arsenopyrite veinlets host Sphalerite, these veinlets cut C/A at 73°, 27°, & 30°.				
@ 180.7 hair line fracture cut C/A @ 61°, hosts sphalerite				

ADDITIONAL OBSERVATIONS:

361.12

Drill Hole Record: / Page # 6 of

HOLE #: VA 18-36

From	To	
184.0	454.9	**LITHOLOGY:** Gabbro Sill upper Contact is very nebulous 207.5 to 209.0 Siltstone
		COLOR: Green Speckled white
		PRIMARY ~~STRUCTURE~~: TExture; From 184.0 – 319.5 gabbro is med xtlny, Consists mainly of 50% Plagioclase, And 50% Amphibole (mainly Hornblende, 319.5 to ———
		TECTONIC STRUCTURE: Fault Zone 332.2 to 332.7 cuts C/A @ 32°. Consists of Sheared gabbro & fault gouge
		GENERAL ALTERATION: Gabbro Sill appears to be Differentiated as noted above; Intensely altered zone from 361.8 to 366.0, Plagioclase Totaly altered to Sericite & Carbonate, Amphibole totally altered to TALC. The Zone is cut by Numerous thin late Calcite Veins at 60° & 46° to C/A.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

@ 192.2, 5cm thick Quartz - Calcite - Clinozoisite, hosts minor pyrrhotite and chalcopyrite cut C/A @ 7°.
@ 275.0, 5cm thick Barren Calcite Vein cuts C/A @ 20°
288.2 - 290.7 Barren Calcite - Quartz Vein. cuts C/A @ 41°
312.4 - 312.0 " " - " " , cuts C/A @ 28°

ADDITIONAL OBSERVATIONS:

340
260
60

Drill Hole Record:

HOLE #: VA18-36

From	To	
454.4	510.0	LITHOLOGY: Silty Argillite good Lower Aldridge Type Seds.

COLOR: lite green, mottled and Banded grey and Brownish grey, with rare white Bands

PRIMARY STRUCTURE: Thin to very thin Bedded, Bedding is distinct and flat., all very fine grained Seds.

Bedding to C/A @ 464.5 = 65, @ 483.1 = 64°, @ 509.0 = 65°

TECTONIC STRUCTURE: Barren Qtz. vein cuts C/A @ 37°, vein cuts Bedding @ 23°

GENERAL ALTERATION: Regional Biotitization & Sericitization, is mostly overprinted by Pale lite green Chloritization and Silicification, Chloritization and Silicification is strongly developed from 454.4 to 469.0

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

462.8 to 464.5 Relatively abundant "Sphalerite" form the matrix of a weak Crackle Breccia Structure developed in the Silicified-chloritic Alteration Zone

468.9 to 469.0 Weak Sphalerite min. occurs in a weakly developed Breccia zone developed in Silicified, Chlorite Seds.

@ 496.6 2 Small blebs of sphalerite developed in Chloritic-silicified Seds

VA18-36		
3040001	462.7-465.0	Fair Zn min. in Crackle Breccia Chlorite-Silica alteration
3040002	468.9-469.1	rare Hairline fractures host Sphalerite, developed in Chlorite-silicified Siltstone

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA18-36

From	To	
510.0	596.5	LITHOLOGY: Gabbro Sill upper Contact is nebulous Lower Contact is nebulous to
		COLOR: Green Speckled lete grey and white.
		PRIMARY STRUCTURE: Texture Meb. xtln
		TECTONIC STRUCTURE:
		GENERAL ALTERATION:

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

at 510.0 3mm-thick pyrrhotite-sphalerite vein developed at gabbro Contact cuts C/A @ 45°
at 525.0 15cm-thick Quartz-chlorite Vein cut C/A @ 65°, vein hosts a ragged Band of massive Pyrrhotite.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA18-36

From	To	
596.5	688.7	**LITHOLOGY:** Chloritic Silty Argillite Altered Lower Aldridge Sediments.
		658.1 - 658.5 Tremolitic xtln Limestone Bed.
		COLOR: Lite green, Banded greenish grey, grey and rarely white
		PRIMARY STRUCTURE: Thin to very thin Bedded, Bedding is distinct and flat; 611.2 to 615.0 Soft Sed deformation zone
		Bedding to C/A @ 639.2 = 62°, @ 651.4 = 52°, @ 663.4 = 40°, @ 671.0 = 55°
		Bedding to C/A @ 598.6 = 55°, @ 602.5 = 70°, @ 605.5 = 40°, @ 607 = 62° @ 620 = 64°, @ 623.8 = 60°, @
		TECTONIC STRUCTURE: 634.0 to 634.2 Quartz-chlorite Breccia Zone cuts C/A @ 65° - Sub parallel to Bedding
		644.6, 10cm Calcite healed Breccia Zone cuts C/A @ 32°
		GENERAL ALTERATION: Generally late Chloritization, patchy silicification all the Sediments from 596.5 to 688.7
		668.0 to 688.7. Black Chlorite lines all the hair line fracture.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

@ 608.5 Very weakly diss. sphalerite associated with some discontinuous, irregular pyrrhotite veinlets
@ 617.2 Trace sphalerite diss. in chloritic - Sericitic & Silicified Siltstone
@ 630.1 Trace of Diss. Sphalerite
631.7 to 631.8 hairline fractures host sphalerite + chlorite
@ 632.2 4cm thick zone hosts sphalerite + chlorite filled Hairline fractures } Note all this Sphalerite min. is assoc. with late Silicification
632.4 to 632.6, irregular hairline fractures, host Sphalerite + chlorite
@ 635.8 Trace of Sphalerite
642.4 to 642.8 abund. Diss. Sphalerite 10% by vol associated with chloritization and Silicification
642.8 to 643.0 good diss. Sphalerite 3% by Vol. est. } associated with Chloritization and strong Silicification.
643.7 to 644.0 " " " " " " "
648.6 to 648.8 Qtz - Chlorite Vein Cuts C/A @ 90° to CA Barren.
@ 658.8 Qtz.-chlorite bed Cuts C/A @ 90° Barren.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA18-36

From	To	
688.7	718.0	**LITHOLOGY:** Phyllite interlayered phyllonite mainly after Sediments from 700.9 to 703.5 phyllonite after gabbro. Phyllite + phyllonite, Consist mainly Sericite, Biotite, chlorite and Quartz
		COLOR: finely wispy streaked green, lite silvery grey, Black and white.
		PRIMARY STRUCTURE: TEXTURE. finely foliated through-out this interval, foliation plans are tabular to distored By small scale Drag folds. Quartz Boudins and Veinlets are Gen. developed along the plans of foliation
		TECTONIC STRUCTURE: 688.7 to 690.0 cuts C/A @ 80° and Consists of Semi-lithofied fault gouge.
		Foliation to C/A @ 689.4 = 58°, @ 700.3 = 56° @ 706 = 47° @ 715 = 49°.
		GENERAL ALTERATION: Original Sebs are totally altered to Sericite, Biotite, chlorite and Quartz Phyllonitic gabbro Consists of Biotite - Sericite and chlorite surrounding rounded grains of Quartz Blob + irregular Bands of Epidote occur in the gabbro near its Base.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

@ 689.0 a Band of near massive Sphalerite 5mm thick is parallel to foliation - Pyrite and Pyrrhotite is generally weakly diss. through-out this interval, But Locally near Massive Pyrite forms thin Bands parallel to foliation, over-all pyrite Content for interval might be 0.03%

ADDITIONAL OBSERVATIONS:

742.17 Acq 8"

Drill Hole Record:

HOLE #: VA18-36

From	To	
718.0	767.4	**LITHOLOGY:** Mainly Phyllite after Seds. interlayered in parts with phyllonitic gabbro ie; phyllonitic gabbro 718.0 to 722.4 and from 725.8 to 729.8, Gabbro Contacts are all parallel to foliation
		COLOR: as previously discribed.
		PRIMARY STRUCTURE: Texture as previously discribed
		foliation to C/A @ 733.0 = 62°, @ 755.3 = 57°, @ 761.0 = 43°, @ 767.4 = 40°
		TECTONIC STRUCTURE: Nil Small scale Drag folds Strongly developed from 756.0 to 764.0
		GENERAL ALTERATION: as previously described, But from 756.0 to 764.0, phyllite is chloritic, and silicified in part, albitization occurs as widely distorted thin 1cm or less layers, rarely 10cm thick layers

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

Pyrite + Some pyrrhotite are weakly diss. throughout this interval about 0.03% by Vol, with local 10cm thick Band reaching of 3% by Vol.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA18-36

From	To	
767.4	828.3	**LITHOLOGY:** Mainly Phyllonitic gabbro with scattered phyllite after Sed. intervals, as follows. 781.1 to 784.0, and from 787.0 to 788.3, and from 802.1 to 807.5, all gabbro contacts are parallel to foliation
		COLOR: Gabbro's are green speckled with with Scattered white Blebs, phyllite are layered green, dark green & white
		PRIMARY STRUCTURE: as previous discribed, Phyllite after Seds from 810.5 to 820.8 and from 823.9 to 825.5
		TECTONIC STRUCTURE: foliation to Core Axis @ 800.0 = 45%, @ 815.0 = 45°, @ 827.4 = 62°
		GENERAL ALTERATION: The Mylonitic Gabbros are totally altered to Sericite, chlorite, Biotite and Calcite forming the matrix around sand sized Quartz grains. The intra-gabbro phyllite Sequences are Strongly Chloritized By green + Dark green Chlorite, Sericitized, with thin Layers and Bands of Albite. Intense Silicification occurs Locally, @ 807.2 to 807.5 Solid Band of Albite

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length					
The intergabbro phyllitic Sequences, are gen. strongly Pyritic - up to 3% By Vol. with local 10cm to 30cm thick of 10% Pyrite.									

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA18-36

From	To	
828.3	931.0	**LITHOLOGY:** Intensively Silicified Brecciated Sediments in Fault Contact with overlying Phyllites.
		COLOR: Mottled light yellowish grey and grey
		PRIMARY STRUCTURE: distroyed by tectonics + Alteration
		TECTONIC STRUCTURE: Fault Zone from 828.3 to 834.7 cuts C/A at 43° parallel to foliation in phyllites. Fault Consists of Some Soft fault gouge and strongly Broken and Sheared Breccia, Fault 905.7 to 907.7 cut C/A @ 46° Consists of Soft fault Gouge and crushed Rock.
		GENERAL ALTERATION: Sediments are finely, Crackle brecciated, and intensely Silicified By at least two Phases of Silicification, Phase I Silicified the Breccia structure producing a hard grey Breccia Phase II is light yellowish white with abundant Sericite, Silicification is very complet and intense to 893.2, Silicification continues but with local gaps. to
859.7		**MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:** 844.0 to 846.0 large and Small patches of massive pyrrhotite are relatively abundant. These pyrrhotite are Conductive over good Core links. 844.0 to 846.0 and from 850.2 to 851.2, and from 858.8 to 859.7 are irregular anastomosing massive Pyrrhotite Vein 2cm to 6cm thick, they cut core Axis mainly between 12° & 16° + these Veins are very Conductive. Some rare specks of Chalcopyrite with the massive Pyrrhotite.

SAMPLE #	From	To	Length

Specific Gravity @ 844.0, re: Silicified Breccia hosting 40% Massive Pyrrhotite. 'S.G. 3.224'
" " @ 850.2 re: " " " 15% " " 'SG. 2.96'
" " @ 851.5 re: Silicified Breccia Barren. 'SG 2.65'

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 18-36

From	To	LITHOLOGY:
931.0	936.0	Brecciated Quartz mylonite.

COLOR: Yellowish white mottled by shades of grey.

PRIMARY STRUCTURE: Destroyed by Tectonics & Alteration

TECTONIC STRUCTURE: 931.0 to 931.5, fault zone cuts C/A @ 62°, Consists of soft gouge and crushed rock.

GENERAL ALTERATION: The rock in this interval was first mylonized, then Silicified, Then Brecciated Silicified and strongly Sericitized by lemon yellow and lite yellow Sericite
936.0 to 937.2 Strong Fuchite Alteration

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

Sample No. 3040012 Grab @ 934.0 Brecciated & Silicified mylonite, cut by thin Dolspar veinlets & diss. Pyrrhotite with Arsenopyrite?
Sample No. 3040013 Grab @ 936.0 Diss Pyrrhotite in Silicified brecciated Mylonite, at Top Contact with Fuchite Alteration Zone.
Sample No. 3040014 Mylonite with abundant Lemon Yellow Sericite in the matrix with some weak diss Pyrite

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 18-36

From To	
966.0 – 990.0	**LITHOLOGY:** MOYIE FAULT ZONE Strongly brecciated, and foliated with scattered Bands of Soft Gouge and Rubble, @ 990.0 Faults Contact is Sharp at 53°
	COLOR: Mottled lite yellowish white, grey and Black.
	PRIMARY STRUCTURE: Destroyed,
	TECTONIC STRUCTURE: Rock is foliated throughout gen. @ 57° to 981.5, 981.5 to 990, The Rock is intensely Brecciated, and Comes apart as angular Rubble.
	GENERAL ALTERATION: Strongly Silicified, and Sericitized as previous described, But with abundant Stylolitic Structures lined by Black Argillite

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

Very weak diss. pyrite throughout this interval.

GRAB Sample No 3040015, Intensely Silicified mylonite with 1% + fine diss. Pyrite

GRAB Sample No 3040016, Breccia Healed by Calcite + Sericite, host rare Pyrite

GRAB Sample No 3040017, Bull Quartz with Some Dolomite host very fine pyrite.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 18-36

From To	LITHOLOGY: Silty Dolomite DEVONIAN SEDS.
990.0 – 998.7	
	COLOR: Gray with white hairline fractures
EOH	PRIMARY STRUCTURE: , Massive Carbonate unit.
END	
OF	TECTONIC STRUCTURE: Strongly Brecciated in a fish net pattern, fractures are all healed By Calcite
HOLE	
	GENERAL ALTERATION: Gen Silicified.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length					
rare Pyrite.									

ADDITIONAL OBSERVATIONS:

DRILL HOLE RECORD

HOLE#: VA19-37
LENGTH: 207.25

PROPERTY: VINE
LOCATION: Lot 2790 In the Field east of Pearnie Creek
COMMENCED: Jan. 8 2019 COMPLETED: Jan. 14, 2019
COORDS: Long. Lat.
COORDS: UTM (E) 586350 (N) 5472675 (EL)
COORDS: Grid (E) (N) (EL)
ELEVATION: 965m approx. COLLAR: Dip: -52 Azi: 093°

HORI. COMP: 131.0
VERT. COMP: 157.0
CORR. DIP: -52° to 47°
TRUE BEARING:
% RECOVERY: Good!
LOGGED DATE: Jan 2019
LOGGED BY: D.L. Pighin

DRILL CONTRACTOR: F+B Drilling
CORE SIZE: NQ
CASING: 38.0 m
CORE STORAGE: Vine Property

OBJECTIVE: To Test Shallow M.T. Target.

SURVEYS: Depth: Dip: Azi: Type:

Additional SURVEYS: Depth: 200.0 Dip: -47 Azi: 096°

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From To	LITHOLOGY:
38.0 to 56.0	Silty Argillite, lower Aldridge Sed

COLOR: Banded grey, Reddish grey & greenish grey.

PRIMARY STRUCTURE: Thin to very thin Bedded
Bedding to C/A @ 42.0 = 62°

TECTONIC STRUCTURE: Weakly foliated, Parallel to Bedding; @ 49.3 5cm thick gouge filled shear cuts C/A @ 70°

GENERAL ALTERATION: Regional Sericite + Biotitization, with some late Bands of lite green Silicification, with chlorite.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:
weak and very fine diss. Pyrrhotite + pyrite throughout this interval.

SAMPLE#	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record: 110

From	To	LITHOLOGY: Sericitic, chloritic, Biotitic Phyllite	HOLE #: VA19-37
56.0	121.0		

COLOR: Banded, lite grey, Dark green, lite green, reddish grey & white.

~~PRIMARY STRUCTURE~~: TExture, finely xtln, finely parallel and wisply laminated, locally Quartz Boudins are abundant.

TECTONIC STRUCTURE: @ 49.3 5cm thick gauge filled shear cut C/A @ 70°, @ 79.63 5cm thick of Soft fault gauge cuts C/A @ 73°, 89.0 to 89.3 abund Soft fault gauge cut C/A @ 70°, all these shears are parallel to foliation foliation to C/A @ 50.2 = 73°, 95.0 to 110 Major fault Zone Highly Breccicted phyllite with abundant Zones of Soft fault gauge, gen. Cut C/A @ 70°-73°

GENERAL ALTERATION: Seds. Lower Aldridge, is gen. totally altered to fine layers of Sericite, Biotite and chlorite, with local Bands of Intense Silicification, and scattered Bands of albitization rarely 10 cm thick, Most abundant between 65.0 & 66.2, Wispy Layers of Black Chlorite best Between 69.5 and 70.0

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length					

Very weak Pyrrhotite & Pyrite mineralization is weakly diss. along the plans of foliation, through out this interval, and Commonly occurs in albitized zones as tiny scattered Blebs of Pyrite and Pyrrhotite

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA19-37

From	To	
121.0	149.5	**LITHOLOGY:** Sericite, Biotite, Quartz, Chlorite, Pyritic phyllite 121.0 to 129.2 Phyllitic, Mylonized Gabbro

COLOR: Mottled light greyish white slite greenish grey in a Black and Silvery gray matrix

PRIMARY STRUCTURE: TEXTURE: finely x&ln Biotite and Sericite matrix with thin distorted Quartz Layers forming lenses and Boudins; all over printed by Euhedral Pyrite

TECTONIC STRUCTURE: @ 121.0 Soft gouge filled Shear cut C/A @ 70°
Foliation to C/A @ 136.5 = 50°, @ 144.0 = 55°. Thin gouge filled shear zones 1 cm to 5 cm thick gen. parallel to foliation, are widely scattered through this interval.

GENERAL ALTERATION: Seds. Totally altered to fine Sericite, Biotite, Quartz, and Chlorite

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

Euhedral Pyrite from 2% to locally 10% is disseminated through this interval.

GRAB Sample @ 131.7 tag 2107252
" " @ 134.0 tag 2107253
" " @ 145.0 tag 2107254.

ADDITIONAL OBSERVATIONS:

Drill Hole Record: PHYLLONITE

HOLE #: VA19-37

From	To	
149.5	207.25	**LITHOLOGY:** 149.5 to 183.5 Mylonized foliated Gabbro, Contact parallel to foliation
		183.5 to 190.8 Phyllite after Seds.
		190.8 to 196.7 Gabbro As above, 196.7 to 203. Phyllite after seds 203.0 to 207.25 Moyie Fault.
EOH		**COLOR:** as Previously described
		PRIMARY STRUCTURE: Finely foliated, finely xtln. Phyllite & phyllonitic gabbro, phyllite has a lenticular fabric, locally with local Small scale drag fold developed between plans of foliation
		TECTONIC STRUCTURE: foliation to C/A @ 150.5 = 45° in gabbro, foliation in phyllite's range between 64° @ 189.0 and 75° to C/A @ 202.5
		203.0 to 207.25 EOH MOYIE FAULT Consists of Soft fault Gouge, mainly sheared Pervasive Carbonate & Seds., H.W. cuts C/A @ 45°, Hole Stoped in the fault Gouge did not get to F.W.
		GENERAL ALTERATION: as previous described

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

Pyrite + lessor pyrrhotite is weakly diss. Through-out this Section

ADDITIONAL OBSERVATIONS:

DRILL HOLE RECORD

PAGE #: 1 of

PROPERTY: Vine
LOCATION: EAST OF PEAVINE CRK.
COMMENCED: Jan 16, 2019 COMPLETED: Jan 22. 2019
COORDS: Long. Lat.
COORDS: UTM (E) 586526 (N) 5473493 N (EL)
COORDS: Grid (E) (N) (EL)
ELEVATION: 902.5 COLLAR: Dip: – 58° Azi: 064

HORI. COMP: 169.6
VERT. COMP: 255.5
CORR. DIP:
TRUE BEARING:
% RECOVERY: Good
LOGGED DATE: Jan. 2019
LOGGED BY: D.L. Pighin

HOLE#: VA19-38
LENGTH: 301.3 Meters.

DRILL CONTRACTOR: F&B
CORE SIZE: NQ
CASING: 3.05 M.
CORE STORAGE: Vine Property

OBJECTIVE: To Test M.T. Anomaly.

SURVEYS: Depth: Dip: Azi: Type:

Additional SURVEYS:

Depth:	Dip:	Azi:
7.0	58.3°	64.5°
67.0	57.5°	68.2°
127.0	56.8°	70.6°
187.0	55.7°	74.1°
247.0	65.2°?	77.1°
307.0	54.2	80.2

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From To 3.05-226

LITHOLOGY: Silty Argillite, GOOD LOWER ALDRIDGE SED.s

COLOR: Gray to Reddish Dark green, Banded by white and lite greenish bands. Some yellow & White Mottling

PRIMARY STRUCTURE: Mainly Very thin bedded, Bedding as Tabular and distinct

Bedding to C/A @ 11.0 = 65°

TECTONIC/STRUCTURE: NIL.

GENERAL ALTERATION: Mainly Regional with Some late Patch of lite yellow Sericitization and more Narrow Bands of white albitization.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

@ 12.0-5mm thick near massive Band of Chalcopyrite + Pyrite associated with Coarse with Sericite
@ 14.0-2cm thick late Quartz Vein hosts Pyrite and Lesser Sphalerite vein cuts C/A @ 51° acute to Bedding

SAMPLE#	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA19-38

From	To	LITHOLOGY:
22.6	54.25	Gabbro Sill distinct Contact parallel to Bedding

COLOR: Green - Speckled White

~~PRIMARY STRUCTURE~~: TEXTURE: finely xtln adjacent contact for 1.0 meters down hole.

TECTONIC STRUCTURE: NIL

GENERAL ALTERATION:

Fresh

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

NIL

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

From	To	LITHOLOGY: Massive Siltstone Fragmental unit	HOLE #: VA19-38
54.25	73.4		

COLOR: Lite grey grading to Dark Grey.

PRIMARY STRUCTURE: Massive, altered Siltstone with widely scattered Sharply Angular Clasts, Clasts are gen. Tabular, rarely more than 1 cm thick + 5 cm long.

TECTONIC STRUCTURE:

NIL.

GENERAL ALTERATION: Intensely Silicified and Sericitized, with Lesser Biotitization, Albitization and Chloritization occur in widely scattered Some patches and Bands. Widely Scattered Through out this unit is Small 2mm to 4mm blobs of Black Tourmaline.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

Pyrrhotite as very weakly diss. Through-out this unit.
Pyrrhotite and Chalcopyrite occur in widely Scattered Hairline fractures

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA19 - 38

From	To	LITHOLOGY:
73.4	173.6	Gabbro, Contact indistinct, gradational

COLOR:

PRIMARY STRUCTURE:

TECTONIC STRUCTURE:

GENERAL ALTERATION:

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

82.8 to 84.4, Abundant Diss. Pyrrhotite ranging from 1%, to Locally 20 cm of 10% pyrrhotite.
The Pyrrhotite occurs as diss. Bebs between 5mm +10mm in size, Hosted in gabbro
This Zone is magnetic.
127.7 + 131.0 Large Calcite Vein cut C/A @ 36°, Consists mainly of finely xtln calcite with abund. Small irregular shaped Quartz "eyes", rare Small Tourmaline needs
1 Cm thick massive Pyrrhotite layer parallel to H.W. Contact as magnetic & Conductive.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA19-38

From	To	
173.6	192.4	LITHOLOGY: Fragmental, Granophyric in Part.
192.4	to 301.3	GABBRO to END OF Hole
		COLOR: Upper Part lite grey with white clasts, lower Part Dark grey to Black with white & lite gray speckling.
E.O.H		PRIMARY STRUCTURE: Clasts are matrix Supported, Gen. Large + 5cm long and 3cm to 5cm thick, rarely Smaller. Clasts are tabular and angular, have a preferred orientation @ 90° to 45° to C/A.
		TECTONIC STRUCTURE: NIL.
		GENERAL ALTERATION: The upper Part of the Fragmental 173. to 178 is Composed of intensely Silicified Sebs forming the matrix & Clasts that are totally altered to White xtls Barite. 178.0 to 192.4. The Fragmental's matrix is granophyre, mainly Quartz and Biotite, with lesser feldspar, Clasts are intensely Silicified, Note rare orange subhedral garnets in granophyre matrix.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

rare fine Diss. Pyrite
251.3 to 254.0 3 thin irregular near massive Pyrrhotite Veins less than 1cm thick and C/A @ 32°
Some diss. Pyrrhotite in Gabbro associated with Pyrrhotite Veinlets; Some rare specks of Chalcopyrite
These Thin Pyrrhotite veins are strongly Conductive & Magnetic.

ADDITIONAL OBSERVATIONS:

DRILL HOLE RECORD

PAGE #: 1 of

PROPERTY: VINE		HORI. COMP:	HOLE#: VA-19-39
LOCATION:		VERT. COMP:	LENGTH:
COMMENCED: Feb. 2, 2019	COMPLETED:	CORR. DIP:	
COORDS: Long.	Lat.	TRUE BEARING:	DRILL CONTRACTOR: F+B
COORDS: UTM (E)	(N) (EL)	% RECOVERY:	CORE SIZE: NQ
COORDS: Grid (E) 586568.	(N) 5473590. (EL)	LOGGED DATE: Feb. 2019	CASING: 6.5 Meters
ELEVATION: ~~[illegible]~~ 1000 m	COLLAR: Dip: -68° Azi: 122°	LOGGED BY: D.J. Pighin	CORE STORAGE: VINE

OBJECTIVE: TEST On M.T. Geophysical Anomaly!

SURVEYS: Depth: Dip: Azi: Type:

Additional SURVEYS:	Depth:	Dip:	Azi:
HGAZ.1	14.6 M	-69.1	120.8
17.1	48.0 M	-69.1	120.1
19.5	100.0 M	-68.1	128.0
38.3	200.0	-67.5	129.8
40.6	300.0	-66.0	134.8
43.4	400.0	-64.3	140.4

Imperial ☐ Metric ☐

From To

6.5 to 55.0

LITHOLOGY: Silty Argillite

Good LOWER ALDRIDGE Seds.

COLOR: Grey to Greenish Grey

PRIMARY STRUCTURE: thin to very thin bedded, Bedding plans are sharp and tabular Seds are very fine grained, very finely Wispy to parallel laminated Bedding to C/A @ 12.0 = 72°, N @ 46.0 = 81°

TECTONIC STRUCTURE: 29.87 to 32.0 Fault Zone Cuts C/A @ 34° Consists of Soft fault gouge and Brecciated albite, chlorite, Quartz and Sulphides. This fault appears to form the F.W. of Quartz-Massive Sulphide Vein.

GENERAL ALTERATION: 33.0 to 55.0, Seds are weakly chloritic, chlorite is associated with weak carbonate Brecciation; Some late calcite filled hairline fractures

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

27.2 to 29.2 Massive Bull Quartz Vein host One Meter of Massive Pyrrhotite and pyrite with minor sphalerite, and rare galena, The Massive Sulphide has a cataclastic structure Consisting of Quartz Eyes in a massive Sulphide Matrix, The F.W of this Vein is marked by Fault sheared, Chlorite, Albite, Quartz and Some Sulphides Some chalcopyrite is diss. in Qtz. along F.W. of Massive Sulphide Zone Note: Massive Sulphide Vein is Strongly Conductive & magnetic

SAMPLE#	From	To	Length
Vein cuts Core at 40°			

ADDITIONAL OBSERVATIONS:

Drill Hole Record: Clinozoisite

HOLE #: VA 19-39

From	To	
55.0	417.19	**LITHOLOGY:** Gabbro 74.0 to 78.8, Highly Altered Sedimentry fragmental; basal Contact cut C/A @ 38°. 179.7 – 188.6 Granophyric Fragmental - cuts C/A @ 49°?
		COLOR: Green, Speckled White
		PRIMARY ~~STRUCTURE~~: Texture: Gen. Med. Xtln. 179.7 – 188.6 Granophyric Fragmental Consists of large matrix Supported Large Angular - Tabular Sed. Clasts, in a granophyre matrix. Clast orientation to Core Axis = 78° to 70°
		TECTONIC STRUCTURE: 251.6 to 252.8, Strongly developed Crackle Breccia zone cuts C/A @ 40°. Zone consists chund. fine very irregular fractures, healed by Epidote. Hair line calcite Veinlets are widely scattered throughout the gabbro; they cut C/A @ 17° & 5°, Larger Calcite Veins, up to 10 cm thick are rare, but cut C/A @ 40°
		GENERAL ALTERATION: 74.0 to 78.8 Altered Fragmental Consists of Quartz + Sericite and locally minor Calcite & widely scattered Subhedral xtls of Black Tourmaline (schorl) 179.7 to 188.6 Granophyre Consists of mainly Biotite, Quartz, and feldspar, Some Subhedral altered granites.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: SAMPLE # | From | To | Length
		78.8 to 106.0 Very widely scattered 5mm to 10mm thick Veinlets of Clinozoisite, with some late Calcite cut C/A @ between 23° & 35°, These veinlets Host minor Pyrite & rare Chalcopyrite.

ADDITIONAL OBSERVATIONS:

Phyllonite

Drill Hole Record:

HOLE #: VA 19-39

From	To
417.19	453.5

LITHOLOGY: Pyllonitic Gabbro

COLOR: Gen. Green.

PRIMARY STRUCTURE: TExture, fine grained with fine wispy foliation,

TECTONIC STRUCTURE: foliation to C/A @ 428.0 = 48°

GENERAL ALTERATION: Gabbro totally altered to rounded grains of Quartz in a Sericite matrix, which is weakly Calcareous, irregular late 'Small' Belts, patches, and veinlets are widely scattered through-out this interval, Wisps, patch, small lenses of Epidote widely scattered through-out the Section.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

Rare thin wisps + Specks of Pyrrhotite are weakly scattered through-out the Pyllonitic Gabbro unit, rare specks of Chalcopyrite Noted.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA19-39

From	To	
453.0	477.3	LITHOLOGY: Sericitic, Quartz, chlorite Phyllite, after Sediments

COLOR: lite green, wispy laminated dark green.

~~PRIMARY STRUCTURE~~: TEXTURE; finely xtln, finely, wispy foliated.

TECTONIC STRUCTURE: foliation to C.A. @ = 361.0 = 52°, @ 410.0 = 52°

GENERAL ALTERATION: Seds. totally altered to Sericite, chlorite, Quartz and minor Biotite

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

Pyrrhotite & Pyrite, rare Chalcopyrite form tiny specks, and irregular wisps and patches through the Phyllite, rarely more than 0.5% by Vol.

ADDITIONAL OBSERVATIONS:

55°

Drill Hole Record:

HOLE #: VA19-39

From	To	
477.3	492.2	**LITHOLOGY:** Chloritic, Sericitic, Quartz Phyllonitic Gabbro

COLOR: Dark green streaked black, with late white Patches of Calcite

~~PRIMARY STRUCTURE~~: lenticular plans & foliation, commonly distorted by micro folds. finely thin Sericite & chlorite around rolled grains of Quartz & feldspar.

TECTONIC STRUCTURE:

GENERAL ALTERATION: Gabbro is totally altered to Dark green + Black Chlorite, and Sericite, with widely scattered small Lenses of Quartz, with abundant small irregular late Patches of Calcite

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

Euhedral Pyrite is widely diss. through-out this interval, ranging 1% to locally 1 meter intervals up to 5% by Vol. Pyrite

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA19-39

From To	
492.2 - 502.29	LITHOLOGY: Phyllites after Seds as previous Discribed
END	500.5 to 502.29 Intensely Silicified Sediment.
	COLOR:
OF	PRIMARY STRUCTURE: Very finely foliated.
HOLE	
	TECTONIC STRUCTURE: Foliation to C/A @ 194.0 = 52°
	Strong Fault Zone 499.0 to 500.5 cuts C/A 55°
	GENERAL ALTERATION: Phyllite as previously Discribed.
	500.5 to 502.29 Seds. totally Silicified; Speckled by late white sericite.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length					
Pyrrhotite & pyrite are very weakly diss. Throughout the Phyllite.									

ADDITIONAL OBSERVATIONS:

DRILL HOLE RECORD

PAGE #: 1 of

HOLE#: VA 19-40
LENGTH: 1488.4

PROPERTY: VINE		HORI. COMP:	
LOCATION: West of Peavine Crk.		VERT. COMP:	
COMMENCED: Feb. 17 2019	COMPLETED: March 16, 2019	CORR. DIP:	
COORDS: Long.	Lat.	TRUE BEARING:	DRILL CONTRACTOR: F&B Drilling
COORDS: UTM (E) 585925E	(N) 5473606 (EL)	% RECOVERY:	CORE SIZE: NQ
COORDS: Grid (E)	(N) (EL)	LOGGED DATE:	CASING: 12.19 meters
ELEVATION: 1010 m. Approx.	COLLAR: Dip: -90° Azi: —	LOGGED BY: D.L. Pighin	CORE STORAGE: Vine Property

OBJECTIVE: To Test MT anomaly

SURVEYS: Depth: Dip: Azi: Type:

Imperial ☐ Metric ☐

From To

LITHOLOGY: MIDDLE ALDRIDGE SEDS., Mainly Med. to Coarse grained Siltstone

12.19 – 41.5 interbedded Silty Argillite, this interval about 70% Siltstone. Some Siltstone Beds are weakly calcareous.

COLOR: Shades of Grey and Dark green, Some greenish grey.

PRIMARY STRUCTURE: Med. to thin Bedded, Bedding is indistinct, and locally deformed by Soft Sed. Slumping,

TECTONIC STRUCTURE: Open fractures are abundant in this Segment, gen at 20 to 15° to C/A. @ 24.7 thin (5cm) gouge filled shear cuts C/A @ 30°

GENERAL ALTERATION: Regional Biotitization & Sericitization, with rare subhedral Tiny pink garnets.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

22.6 to 32.2 rare irregular hair line fractures host minor sphalerite

Additional SURVEYS:	Depth:	Dip:	Azi:
	20.5	-89.7	278.9
	102.5	-89.0	133.0°
	200.0	-88.7	135.0°
	300.0	-88.5	126.7
	400	-88.0	147.9
	501.0	-87	134.3
	602.0	-87.4	133.4
	702.0	-87.1	137.2
	800.0	-86.4	134.4
	903.0	-86.1	120.0°
	1001.0	-85.2	117.0°
	1102.0	-84.9	110.0°
	1202.5	-84.4	261° *
	1300.0	-84.2	115.6°
	1400.0	-84.1	111.3°

SAMPLE#	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA19-40

From	To	
41.5	43.5	**LITHOLOGY:** Argillite interbedded Silty Argillite 60% Argillite
		COLOR: Finely Laminated Brownish grey and lite grey
		PRIMARY STRUCTURE: Very thin Bedded, Bedding as tabular and distinct, rare zone of Soft-Sediment deformation Bedding to C/A @ 43.5 = 65°
		TECTONIC STRUCTURE: Nil. Good Competent Core.
		GENERAL ALTERATION: Regional fine Sericitic and Pristitic alteration

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 19-40

From	To	
43.5	119.4	**LITHOLOGY:** Siltstone, minor thin argillite and silty Argillite interbedded. Section is 80% Siltstone, and from 94.0 to 95.0 68.0 to 76.0 Calcareous Siltstone.
		COLOR: Mainly lite grey, with Some greenish grey Bands.
		PRIMARY STRUCTURE: Mainly Thick to Very thick Beds with minor thin interbeds of of Silty Argillite Bedding is generally indistinct, Some thin Bands of Soft Sed. deformation
		Bedding to C/A = @ 57.0 = 65°, @ 94.0 = 63°
		TECTONIC STRUCTURE: NIL
		GENERAL ALTERATION: Regional Sericitization, Biotitization and Silicification of siltstone Beds

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Rare diss. Pyrrhotite

@ 83.2, 5cm thick Quartz-Coarsely xtln Biotite Vein cuts C/A 15°

SAMPLE #	From	To	Length

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 19-40

From	To	LITHOLOGY:
119.4	131.0	Very finely Silty Argillite Sullivan Time

COLOR: Dark grey with fine Parallel Block lineation.

PRIMARY STRUCTURE: Massive; very finely parallel laminated Silty Argillite, distinct Bedding Planes are very rare.

Bedding to C/A = 65°

TECTONIC STRUCTURE: 120.0 – 125.0 Fault Zone Cut C/A @ 23° or 53°, Sub parallel to Bedding, The fault Consists intense fine Brecciation healed by fine Biotite, Sericite, and minor Calcite.

GENERAL ALTERATION: from 120.0 to 125.0 (Fault Zone) Breccia is totally altered to Fine Biotite & Sericite But gen. the rest of the Sullivan Muds in this interval is regionally altered

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

120.0 – 125.0 Weakly diss. Pyrrhotite, Pyrite and lesser Chalcopyrite in fault Breccia

125.0 to 131.0 – fine Pyrrhotite is gen. weakly to strongly (diss 5% to 25% By Vol.) through-out The Sullivan argillites.

From 125.7 to 125.9 Massive Pyrrhotite with rare specks of Sphalerite forms 2 mm to 4mm thick Layers (60% Pyrrhotite by Vol.) This segment is strongly Conductive and magnetic

The Sullivan Horizon in this hole is in gen. all-weakly magnetic

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

Rhythmically

HOLE #: VA 19- 40

From	To	LITHOLOGY:
131.0	309.2	Siltstone Rhythmically interbedded Silty Argillite + Argillite. Classic LOWER ALDRIDGE SEDS.

COLOR: Banded reddish grey (wine type) and lite gray to white, gen. Speckled by late Sericite xtls.

PRIMARY STRUCTURE: Med. to thin & Very thin Bedded, Bedding is Sharp and tabular, these Seds. are very fine grained, Siltstone Beds are very fine grained and Commonly very finely parallel Laminated Argillite & Silty argillite, Beds are not Laminated, But Soft + weakly silty.
Bedding to C/A @ 158.0 = 60°, @ 185.0 = 59°, @ 209 = 61°, @ 127.0 = 58°, @ 252.0 = 55°, @ 273.0 = 55

TECTONIC STRUCTURE: Abund. open fractures @ 26° to C/A, probably tension cracks
at 176.5, 10cm thick gouge filled shear zone cuts C/A @ 30°

GENERAL ALTERATION: Regional, the Brownish grey and reddish grey Siltstone Beds, are gen Silicified and finely Biotitic, speckled by late Sericite, The whitish Argillite - silty Argillite interbeds are nearly Totally altered to Sericite, Some of the altered Siltstone Beds are locally strongly to weakly Calcareous.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

@180.3 hair line fracture host rare Sphalerite
Pyrrhotite is weakly diss. in nearly all of the Silicified etc, Siltstone Beds

ADDITIONAL OBSERVATIONS:

→ 30°

Drill Hole Record:

HOLE #: VA19-40

From	To	
309.2	408.0	**LITHOLOGY:** Mainly Siltstone, with widely scattered intervals of Argillite - Silty Argillite rarely more than 1.0 Meters thick. "FOOTWALL Quartzites"
		COLOR: lite grey
		PRIMARY STRUCTURE: Med to thick & Very Thick Bedded, Bedding is Wavy and gen indistinct FWQ Marker Beds from 309.2 to 310.2, 319.8 to 321.4, and 345.2 to 345.6 to 345.27
		Bedding to C/A @ 309.5 = 63, @ 320.0 = 60°, 363.2 = 60°, @ 392 = 48°
		TECTONIC STRUCTURE: 372.0 to 378.2 Fault Zone Cuts C/A @ 60°, or @ 45°
		Consists of Brecciated Seds in a Soft Gouge matrix plus a lot of less Brecciated Seds
		GENERAL ALTERATION: Regional Silicification + Sericitization, 367.0 to 372.0, late chloritization associated with Cataclo Breccia in H.W of above Fault., 378.2 to 408.0, widely scattered patches of Euhedral Small Pink garnets
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:
		322.4 to 322.9 Quartz Calcite Vein Parallel to Bedding Most rare Blebs of Pyrrhotite @ 349.8, 4mm thick massive pyrrhotite layer parallel to Bedding. is magnetic & Conductive

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record: Chard

HOLE #: VA19-40

From	To	
409.0	629.3	LITHOLOGY: Lower Aldridge Seds as previously Described from 131.0-309.2, 517.3 to 525.7 Gabbro sill, 549.0 to 582.2 Gabbro Sill.

COLOR: See Segment 131.0 to 309.2

PRIMARY STRUCTURE: See segment 131.0 to 309.2, 621.0 to 629.3 Soft sediment deformation strongly developed throughout.

Bedding to C/A @ 425.48 = 57°, @ 455.0 = 53° @ 468.5 = 56°, @ 516.5 = 55°, @ 529.0 = 50°, @ 592.7 = 55°

TECTONIC STRUCTURE: Bedding to C/A @ 614.0 = 50°, @ [illegible]

N.L.

GENERAL ALTERATION: Alteration - 593.0 to 629.3 Silicification as intense, and abundantly mottled + veined by Lake Chloritization + Sericitization. @ 594.0, @ 610.3 and @ 616.7 albite Rimmed Concretions host Coarsely xtln Biotite, Sericite, Calcite & Pyrrhotite

See Segment. 131.0 to 309.2, 443.12 to 455.2 Silicification is intense in the Siltstone Beds, Slate Pellit sized Quartz + Sericite Concretions are abund, But are scattered Through out the Core to Top of Gabbro, @ 481.3 Some large Euhedral garnets, Bands of Albitization are widely Scattered thruout this interval as well, Some Bands of Coarse xtln Biotite + Calcite. (See Below)

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

Rare diss. Pyrrhotite.
@ 463.9, 10 cm albitization hosts minor pyrrhotite
@ 464.7, 20 cm " Hosts abund. Pyrrhotite
@ 470.0, 5 cm " Hosts minor Pyrrhotite
@ 493.5, 5 cm " Hosts 5 mm Band of Massive Pyrrhotite
@ 513.0, 8 cm Band of Coarse Biotite, Sericite, Calcium Carb. host abund diss. Pyrrhotite
@ 513.9, Trace of Sphalerite diss. in Seds.
@ 481.0, 30 cm thick Barren Quartz - calcite Vein cuts C/A @ 21°
@ 589.0, 2 Tension Crack Veins, 5 mm to 10 mm Thick cut C/A @ 15° host Quartz, Biotite, Pyrrhotite + Pyrite + Chlorite
593.0 to 629.3 Minor Pyrrhotite is scattered thruout this interval in weak diss., as widely Scattered Massive Blebs, and in Some tension Crack Veinlets.

ADDITIONAL OBSERVATIONS:

Drill Hole Record: 662 Clinozoisite? Page # 8 of

HOLE #: VA19-40

From To	
629.3 - 832.0	**LITHOLOGY:** Gabbro Sill Lower Contact is Sharp and Parallel to Bedding.
	COLOR: Green Speckled white
	PRIMARY ~~STRUCTURE~~: Texture, finely xtln to 631.0, Med. xtln to 635.7, Coarse to Very Coarsely xtln to
	TECTONIC STRUCTURE: Quartz-rare Calcite fractures cut C/A @ 20° this are F1, F2 Calcite filled fracture cut C/A at 75° & 95° These fractures are less-than 1cm thick, and very rarely more than 10 cm thick. Basal Contact of Sill is marked by 10 cm of Albite alteration of the Seds.
	GENERAL ALTERATION: 646.5 to 649.0 Alteration Zone consisting Micro xtln. Quartz, Calcite, Minor Chlorite, Clinozoisite and Some Pyrite, 710.5 to 720.9 Intense Alteration Zone Consisting mainly of Epidote, Lessor Quartz and scattered Patchs of Thulite (Pink), Some scattered Patchs of weakly Diss. Pyrite. Top Contact is gradational Base is Tabular and Sharp @ 52° to C/A, 739.2 to 740.2 mostly Clinozoisite & Aphanitic Quartz
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: @ 631.7, Massive Pyrrhotite Vein 3 cm thick cuts C/A @ 50° 636.9 to 637.5 diss. pyrrhotite from 0.5 to 2.0% by Volume.

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA19-40

From	To	
832.0	872.3	**LITHOLOGY:** Altered Siltstone & Silty Argillite Lower Aldridge Seds.

COLOR: Mainly Lite green with Some lite Brown and Some white and Dark grey Blebs.

PRIMARY STRUCTURE: Bedding is gen destroyed by Alteration, But locally Bedding appears distinct and in thin to very thin Bedded.

Bedding to C/A @ 844.6 = 52°, @ 860.0 = 55°

TECTONIC STRUCTURE: abund. open fractures @ 93° and Lesser @ 17° through-out this interval.

GENERAL ALTERATION: 832.0 to 860.0 is intensely Silicified, Chloritized, Sericitized, with patch of Biotite @

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

Pyrrhotite through this interval from 832.0 to 860.0 occurs as widely scattered Blebs rarely more than 1cm wide. It occurs gen. in hair line fractures, Commonly with Quartz & Chlorite. 844.6 to 844.8, Band of heavy diss. Pyrrhotite, this Conductive through-out, and Magnetic @ 860., 10cm. Band of Patchy Chloritization & minor Thulite (Pink)

ADDITIONAL OBSERVATIONS:

43 m pyrrhotite

Drill Hole Record: 887.6

HOLE #: VA19-40

From To	
872.3-893.6	**LITHOLOGY:** Phyllite after Seds Rock Consists Mainly of Sericite, Biotite, Chlorite and Some Qtz.
	COLOR: Banded Lite grey, Dark grey, Lite greenish grey
	~~PRIMARY STRUCTURE~~: Texture, finely foliated, finely Hln.
	TECTONIC STRUCTURE: foliation to Core @ 872.2 = 20°, @ 877.0 = 22°, @ 887.2 = 35° Planes of foliation Gen Slicken sided, with some gouge, 893.0 to 893.6 fault cuts C/A @ 77°, Consists of healed mylonized Seds, gen totally altered to Sericite, Quartz & Chlorite
	GENERAL ALTERATION: Seds are totally altered to Sericite, Chlorite, Biotite, and Quartz
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

Pyrite, + Pyrrhotite in chloritic hair line fractures, or as widely scattered Blebs, and weak diss. in phyllite, Thus occur Through out this segment.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA-19-40

From	To	
893.6	901.9	**LITHOLOGY:** Massive Slump structured Siltstone

COLOR: Gen. grey, some lite grey and lite greenish grey Mottling

PRIMARY STRUCTURE: Massive, Slump structured in Part, Some clasts, No Bedding, gen. fine grained homogenized Siltstone

TECTONIC STRUCTURE: Nil

GENERAL ALTERATION: Strongly silicified with weak sericitization, with Local Patches of Strong Sericitation and Some Zones of strong fine ctln Biotitization.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

Pyrrhotite as gen. very fine Diss throughout this unit, rarely More than 0.5% by Vol.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA-19-40

From To	LITHOLOGY: Mainly Siltstone
901.9-913.0	

COLOR: Grey and Dark grey

PRIMARY STRUCTURE: Med. to thin + Very thin Bedded. Bedding is distinct, to indistinct, Bedding plans are distorted, By soft Sed. deformation?

Bedding to C/A @ 903.0 = 65°

TECTONIC STRUCTURE: NIL

GENERAL ALTERATION: Gen. Silicified and Strongly Biotitic; Some scattered patches of late chloritization

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

rare diss. Pyrrhotite.

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record: Mus

HOLE #: VA-19-40

From	To	
913.0	1047.4	**LITHOLOGY:** Siltstone interbedded Silty Argillite. Lower ALDRIDGE TYPE SEDS
		986.3 to 991.5 Gabbro Sill.
		COLOR: Banded grey and lite grey, rarely white
		PRIMARY STRUCTURE: Mainly thin to Very thin Bedded, Bedding is gen tabular and distinct. Siltstone beds are fine grained.
		Bedding to C/A @ 922.5 = 77°, @ 930.0 = 70°, @ 959.3 = 70°, @ 982.0 = 60°, @ 1001.5 = 64, @ 1012.0 = 61°, 1031.0 = 62°
		TECTONIC STRUCTURE: 1002.6 to 1003.2 Fault cut C/A @ 20° Consists of Brecciated Sed in Soft fault Gouge
		GENERAL ALTERATION: Regional, fine Biotitization and Sericitization, Silicification is rare. from 973.0 to 1007.0 Small Pellit Sized Concretion are locally abundant, they Consist of mainly Quartz and locally Biotite, and allways with fine diss Pyrrhotite; 1028.0 to 1038.6, Blebs of Black Tourmaline and rare Tourmaline Needles associated with intense Silicification, are diss. and in Hairline Fracture and along Bedding Plains
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

913.4 to 914.1 Weakly diss. Sphalerite in Biotitic - Silicified Seds.
959.3 to 959.6 Heavy diss. Pyrrhotite, 20%, hosted by silicified Seds, Biotite, and xtln Sericite (muscovite) This Zone is magnetic, But Not Conductive! "Note" Trace of Sphalerite, Contacts are parallel to Bedding
985.8 to 986.1 Heavy diss. Pyrite up to 35% by Vol., Hosted by Quartz xtln. Biotite, and diss. calcite, Contacts are parallel to Bedding, Zone is not Conductive, or magnetic.
991.65 to 991.9, Heavy diss Pyrrhotite 15% by Vol., Hosted by Coarse Biotite, and Quartz, magnetic in part, Conductive in isolated Spots., Contact Bedding Parallel.
1031.0 to 1031.3 Heavy diss. Pyrrhotite, Hosted by Quartz - Biotite and Some Calcite, Contacts parallel to Bedding, Zone is magnetic and conductive only in Spots, albitization forms a narrow Salvage along H.W & F.W.

ADDITIONAL OBSERVATIONS:

Assol

Drill Hole Record:

HOLE #: VA-19-40

From	To	
1047.4		**LITHOLOGY:** 1047.4 to 1050.6 Small finely xtln Gabbro Sill
		1050.6 to 1055.5 Lower Aldridge Sed.
	1060.3	1055.5 to 1060.3 Fragmental unit.

COLOR: Seds are Banded Lite grey, grey and locally white. Fragmental gen. lite grey with white clasts.

PRIMARY STRUCTURE: Seds are thin to very thin Bedded Typical Lower Aldridge. Fragmental clasts are abundant, they range in size from 4mm to 50mm, they are rounded to tabular and sharply angular. The clasts are matrix supported.
Bedding @ 1054.0 = 75°

TECTONIC STRUCTURE:

GENERAL ALTERATION: The Lower Ald. Seds are gen just Regional Altered. The Fragmental unit is strongly Silicified and Sericitized. From 1051.5 to 1060.3 Euhedral + Subhedral Shorl (Black Tourmaline) xtls. are common and widely scattered through out the Bedded Sediments and the massive fragmental unit.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

The Fragmental unit hosts, weakly diss. Pyrrhotite through-out 0.5% to 1% by Vol.
@ 1043.8, 4 cm Band of Heavy diss. Pyrrhotite, 35 to 45% by Vol. Pyrrhotite, is strongly Magnetic and is Conductive only in small spots But is not Conductive through-out.

ADDITIONAL OBSERVATIONS:

Drill Hole Record: 1143.37 1233.6

HOLE #: VA-19-40

From	To	
1060.3	1252.6	**LITHOLOGY:** Gabbro Sill Est. 60% amphibole, 40% plagioclase. Base Contact sharp and parallel to Bedding @ 64°
		COLOR: Dark Green to Black speckled white & light grey
		~~PRIMARY STRUCTURE~~: Texture: equicrystalline, coarsely xtln, Feldspar xtls are gen. Anhedral Subhedral, Amphibole xts, are Euhedral to Subhedral; Med xtln. starts @ 1113.0 to
		TECTONIC STRUCTURE: 1194.0 to 1199.4 Phyllitic zone cut C/A @ 22° (healed fault?)
		GENERAL ALTERATION: 1188.2 to 1190.9 Intense Clinozoisite alteration cut C/A @ 40°
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Specks of Pyrrhotite are widely scattered throughout the Gabbro, less than 0.5% by Vol.
@ 1103.0 Tension Crack Vein cut C/A @ 10°, Consists of Calcite & massive pyrrhotite, 1cm thick massive pyrrhotite forms lenses within the calcite, The pyrrhotite is strongly Conductive and magnetic
1111.5 to 1112.1 Tension Crack Vein as above Cuts C/A @ 3° is also in part magnetic and Conductive.
@ 1252.2 3 to 10mm thick Pyrrhotite veinlet cut C/A @ 16°

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record: (778-520-0035)

HOLE #: VA19-40

From	To	
1252.6 to -1321.0		**LITHOLOGY:** Siltstone, Minor Silty Argillite GOOD LOWER ALDRIDGE SEDS

COLOR:

PRIMARY STRUCTURE: Thin to Very Thin Bedded, Bedding is Sharp & Tabular to 1294.0, Then is mainly distinct, but gen distorted by Tectonics.

Bedding to C/A @ 1254.0 = 65°, @ 1275.4 = 70°, @ 1306.4 = 65°, @ 1318.7 = 51

TECTONIC STRUCTURE: From 1302.0 to 1321.0 Core is Baddly Broken, By abund. open fractures at 30°, 62° & 6°,

GENERAL ALTERATION: 1277.0 to 1321.0 late Silicification, and Sericitization, with Some Biotite spotting and Locally weak Chloritization

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

1279.7 to 1279.8, Heavy diss. Pyrrhotite 25% by Vol., associated with Biotitization & Silicification. upper Contact parallel to Bedding, Lower Contact is discordent, Magnetic and ------

@ 1281.26, strongly diss. Pyrrhotite, 15% by Vol., 3cm thick, is associated with Strong Biotitization and Sericitization, Finely Bedding parallel.

In gen. Pyrrhotite is rare as very weak diss.

ADDITIONAL OBSERVATIONS:

1293

Drill Hole Record: (Bournonite - clinozosisite

HOLE #: VA19-40

From	To	
1321.0	to 1481.7	LITHOLOGY: 1321.0 to 1326.0 Phyllite after Seds 1326.0 to 1481.7 Weakly phyllitic gabbro

COLOR: Phyllitic Seds are Gabbro Dark green

PRIMARY STRUCTURE:

TECTONIC STRUCTURE: foliation to Core Axis @ 1321.0 = 12°, @ 1326.0 = 5° in Seds.
Slicken Sided cleavage in gabbro, at 27° to C/A & @ 51 Both are abundant.
fractures @ 78° to C/A are also abundant, these gen are mineralized by fine pyrite, and an apple green clay mineral. 1363.0 to 1364.3 thin Breccia Zone cuts C/A @ 5°

GENERAL ALTERATION: at 1447.0, weakly developed foliation @ 20° to C/A, 1449.8 to 1450.3 Fault Zone cuts C/A @ 55°, Consists of crushed gabbro in Soft gauge, 1452.6 to 1456.4 Abundant 1 to 4mm thick Quartz-calcite Veinlets cut C/A at 70°, 1467.2 to 1467.4 Fault gauge cuts C/A @ 75°. Foliation to C/A @ 1474.0 = 27°
@ 1480.0 = 38°

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

Gabbro Hosts weak diss. Pyrite very Rare Pyrr. 0.5% to 1.0%, rare 2% from 1325.0 to 1342.0 (very weakly magnetic in spots)
@ 1332.3 Quartz, Chlorite vein cut C/A @ 24°, 1cm thick
@ 1339.5 Massive Pyrrhotite - chlorite vein 1cm thick cut C/A @ 27° Very Magnetic and Conductive
1350.2 to 1351.4 thin 5mm thick Quartz, calcite and pyrrhotite Vein cuts C/A @ 7°, this vein is magnetic and Conductive.
@ 1453.8 a 10 cm thick Band of clinososisite, cut C/A 68°, Hosts a 1cm thick Band of Black Tourmaline and Some weak Bournonite mineralization.
@ 1456.0, a 20cm thick Band of Clinososite alteration host a 1mm layer of fine Bournonite xtls.
a 3mm thick Quartz-calcite Vein cuts the clinozosisite Band Hosts rare galena, cut C/A @ 70°

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA19-40

From	To	
1481.7 –		LITHOLOGY: Phyllite after Seds.
	1488.4	
		COLOR: Wispy streaked lite grey, greenish lite green, rarely white
END		PRIMARY STRUCTURE:
OF		
HOLE		TECTONIC STRUCTURE: Foliation to C/A @ 1483.0 = 44°, @ 1488.4 = 55° 1866.2 to 1887.5
for		
Now.		
		GENERAL ALTERATION: Seds totally altered to Sericite, chlorite, & Quartz, @ 1487.2 to 1487.4 yellow un-named Clay mineral.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:
		@ 1483.6 + 1484.0 Quartz - Calcite Vein, Parallel to foliation Hosts minor Pyrite.
		@ 1485.3 100cm thick Quartz - Calcite Hosts minor pyrite, Contacts are Rubblized.

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

DRILL HOLE RECORD

PAGE #: 1 of

PROPERTY: Vine PROPERTY		HORI. COMP: 39.03	HOLE#: VA19-41
LOCATION: east of Peavine Crk., Same Drill pad, as VA-19-39		VERT. COMP: 49.95	LENGTH: 63.4 M
COMMENCED: Feb. 12, 2019	COMPLETED: Feb. 13, 2019	CORR. DIP:	
COORDS: Long.	Lat.	TRUE BEARING:	DRILL CONTRACTOR: F+B Drilling
COORDS: UTM (E) 586568	(N) 547,3590 (EL)	% RECOVERY:	CORE SIZE: NQ
COORDS: Grid (E)	(N) (EL)	LOGGED DATE: Feb, 2019	CASING: 9.0
ELEVATION: 1000 M	COLLAR: Dip: -52° Azi: 122°	LOGGED BY: DLPighin	CORE STORAGE: Vine property

OBJECTIVE:

SURVEYS: Depth: Dip: Azi: Type:

Additional SURVEYS:	Depth:	Dip:	Azi:
	13 m	-52	117.9
	105.5 m	-52.1	119.5

Imperial ☐ Metric ☐

From To	LITHOLOGY: Lower ALD Seds.
9.0 to 58.7	

COLOR: Gray

PRIMARY STRUCTURE: thin to Very thin Bedded.

Bedding to C/A 62° @ 18.0, @ 52.6 = 62°

TECTONIC STRUCTURE:

GENERAL ALTERATION:

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

23.4 to 24.5 Quartz-massive Sulphide Vein Cuts C/A at 46°
Consists of 50cm of Mainly Pyrrhotite, Minor sphalerite & galena, rare chalcopyrite, & 40cm s Quartz & Sheared and altered Seds, Mainly Chloritized

SAMPLE#	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA-19-41

From	To	LITHOLOGY: Gabbro
58.7	63.4	
END		COLOR: Green
		PRIMARY STRUCTURE:
OF		
HOLE		
		TECTONIC STRUCTURE:
		GENERAL ALTERATION:
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

DRILL HOLE RECORD

HOLE#: VA 19-42
LENGTH: 72.54 M

PROPERTY: VINE
LOCATION: Same Drill Site as VA 19-41
COMMENCED: Feb 13, 2019 COMPLETED: Feb 14, 2019
COORDS: Long. Lat.
COORDS: UTM (E) 586568 (N) 5473590 (EL)
COORDS: Grid (E) (N) (EL)
ELEVATION: 1000.0 M COLLAR: Dip: -80 Azi: 122°
OBJECTIVE: Testing M.T Anomaly
SURVEYS: Depth: Dip: Azi: Type:

HORI. COMP: 12.5
VERT. COMP: 71.31
CORR. DIP:
TRUE BEARING:
% RECOVERY:
LOGGED DATE: Feb. 2019
LOGGED BY: D.L. Pighin

DRILL CONTRACTOR: F+B Drilling
CORE SIZE: NQ
CASING: 9.00
CORE STORAGE: Vine Camp

Additional SURVEYS:	Depth:	Dip:	Azi:
	22.0	-80	114.8
	Depth?	-79.8	113.4

Imperial ☐ Metric ☐

From To	
9.00-55.0	**LITHOLOGY:** Middle ALDridge Seds Main Silty Argillite

COLOR: Shades of Gray.

PRIMARY STRUCTURE: Thin to very thin Bedded
Bedding to C/A @ 15.0 = 73°, @ 38.0 = 74°
7.29M to 9.23

TECTONIC STRUCTURE: 42.0 to 53.2, fault Zone Consists of abundant Soft fault gouge and Brecciated Sediments fault Cut C/A @ 37° (good Contact)

GENERAL ALTERATION:

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE#	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA19-42

From	To	
55.0	72.54	**LITHOLOGY:** 55.0 to 66.5 Gabbro 66.5 to 69.5 – Silicified Seds, 69.5 to 70.5 Gabbro, Contact 55° to CA?
END		**COLOR:** Green Gabbro, lite grey Seds
OF		**PRIMARY STRUCTURE:** Primary Structure totally distorted by alteration
Hole.		
		TECTONIC STRUCTURE:
		GENERAL ALTERATION: Seds. are intensely Silicified
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

In Seds, Thin Quartz Veins less 1cm thick Host minor Pyrrhotite

SAMPLE #	From	To	Length

ADDITIONAL OBSERVATIONS:

DRILL HOLE RECORD

PAGE #: 1 of

PROPERTY: Vine
LOCATION: Same Pad as VA19-39
COMMENCED: Feb 14, 2019 COMPLETED: Feb. 15, 2019
COORDS: Long. Lat.
COORDS: UTM (E) (N) (EL)
COORDS: Grid (E) (N) (EL)
ELEVATION: 1000 COLLAR: Dip: 68° Azi: 109.9°
OBJECTIVE: Test M.T. Targets

HORI. COMP: 23.75 meters
VERT. COMP: 58.7
CORR. DIP:
TRUE BEARING:
% RECOVERY:
LOGGED DATE: Feb. 2019
LOGGED BY: D.L. Pighin

HOLE#: VA19-43
LENGTH: 63.4 o

DRILL CONTRACTOR: F&B Drilling
CORE SIZE: NQ
CASING: 8.9 m
CORE STORAGE: Vine

SURVEYS: Depth: Dip: Azi: Type:

Additional SURVEYS:	Depth:	Dip:	Azi:
	14.63	-68.5	109.9
	63.0	-67.9	111.5

Imperial ☐ Metric ☐

From To	
8.9 to 63.4	**LITHOLOGY:** 8.9 to 53.2 Mainly heavy Aldridge Seds.
	22.2 to 25.0, Lamprophyre Sill.
	53.0 to 63.4 Gabbro Sill, Coarse grained.
END	**COLOR:**
	PRIMARY STRUCTURE: Seds are mainly thin Bedded.
OF	Bedding to C/A @ 15.5 = 68°, @ 29.7 = 70°, @ 42.2 = 82°
HOLE	
	TECTONIC STRUCTURE: 27.2 to 27.4 Shear zone with gouge cuts C/A 68°
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:
	26.8 to 27.0 Quartz-chlorite Vein with minor Pyrrhotite, rare sphalerite & galena. Cut C/A @ 57.0
	Hor 0.82 m.

SAMPLE#	From	To	Length					

ADDITIONAL OBSERVATIONS:

Sulp

DRILL HOLE RECORD

PAGE #: 1 of

HOLE#: VA19-44
LENGTH: 71.0 Meters.

PROPERTY: Vine		HORI. COMP: 17.17 m	
LOCATION: West of Pleasure C		VERT. COMP: 68.89 m	
COMMENCED: Feb 14, 2019	COMPLETED: Feb. 16, 2019	CORR. DIP:	
COORDS: Long.	Lat.	TRUE BEARING:	DRILL CONTRACTOR: F&B Drilling
COORDS: UTM (E) 585656	(N) 5473634 (EL)	% RECOVERY:	CORE SIZE: NQ
COORDS: Grid (E)	(N) (EL)	LOGGED DATE: Feb. 2019	CASING: 10.67
ELEVATION: 1250	COLLAR: Dip: -76 Azi: 098	LOGGED BY: D.L. Pichin	CORE STORAGE: Vine

OBJECTIVE: To Test MT Anomaly. Hole stoped Due to Drilling Problems

SURVEYS: Depth: Dip: Azi: Type:

Additional SURVEYS:	Depth:	Dip:	Azi:
	20.0	-76.9	097.1°
	66.0	-76.6	100.1

Imperial ☐ Metric ☐

From To	
10.67–71.0 E.O.H	**LITHOLOGY:** Mainly Siltstone interbedded Silty Argillite, & Argillite GOOD MIDDLE ALDRIDGE SEDS
	COLOR: Shades of Grey.
	PRIMARY STRUCTURE: Mainly Med. to thin and Very thin beds, rarely a thick Bed. Bedding to C/A @ 18.0 = 73°, @ 32.0 = 70°, @ 80.0 = 75°
	TECTONIC STRUCTURE: Fault Zone 28.0 to 32.0, Consists Soft gouge + Brecciated Seds, cuts C/A, 14° and of 20° Shear zone @ 37.0 soft gouge + Rubble 30cm thick, cuts C/A 24°
	GENERAL ALTERATION: Regional Biotitization, Sericitization, overprinted by Late Biotitization and Tourm Subhedral Pink garnets.
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: rare diss. Pyrrhotite

SAMPLE#	From	To	Length					

ADDITIONAL OBSERVATIONS:

DRILL HOLE RECORD

PAGE #: 1 of

PROPERTY: VINE		HORI. COMP: 92.56	**HOLE#:** VA19-45
LOCATION: EAST OF Peavine Creek		VERT. COMP: 116.37	**LENGTH:** 148.74 Meters
COMMENCED: May 24, 2019	COMPLETED: May 26, 2019	CORR. DIP:	
COORDS: Long.	Lat.	TRUE BEARING:	DRILL CONTRACTOR: F&B Drilling
COORDS: UTM (E) 586640	(N) 5473665 (EL)	% RECOVERY:	CORE SIZE: NQ
COORDS: Grid (E)	(N) (EL)	LOGGED DATE: May 2019	CASING: 3.04
ELEVATION: 1020.0	COLLAR: Dip: -50 Azi: 181°	LOGGED BY: D.L. Pighin	CORE STORAGE: Vine Property

OBJECTIVE: Test Mt, Mag & VLF anomalies

SURVEYS: Depth: Dip: Azi: Type:

Additional SURVEYS:	Depth:	Dip:	Azi:
	10.0m	-51	175.3
	50.0	-51.7	176.6
	100.0	-52.2	179.3
	148.7	-52.3	180.9

Imperial ☐ Metric ☐

From To **LITHOLOGY:** Silty Argillite interbedd Argillite

3.04-98.1 GOOD LOWER ALDRIDGE SEDS

COLOR: Dark Reddish grey, with light grey, and light greenish Bandeing

PRIMARY STRUCTURE: Med to Very thin Bedded, Bedding is Sharp and Tabular, this Sequence Consists of Rhythmically Bedded fine grained Silty Argillite and Argillite, Some beds are very finely Laminated @ 55.7 a 5cm thick Fragmental Bedding to C/A @ 7.0 = 68°; @ 29.5 = 68°; @ 54.0 = 78°; @ 78.0 = 78°; @ 93.0 = 65

TECTONIC STRUCTURE: 38.0 to 38.4 Headed by intense Silicification, weak chloritization

GENERAL ALTERATION: Regional fine reddish Black Biotitization is overprinted by Intense Silicification, weak Chloritization, and Scattered Bands & patches of Albitization From 69.0 to 96.0 Late yellow Sericitization overprints, Intense Silicification.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

@ 18.3 scattered small Patchs of Sphalerite associated with Albitization

@ 19.5 weak Sphalerite diss. assoc. with Albitization

@ 32.16 weakly diss. Sphalerite, assoc. with Pyrrhotite and albitization Conductive & Magnetic 4cm thick

40.0 to 40.23, Bedding parallel albite Rimed Band of Chlorite, Silica, diss. Calcite host 25% Pyrrhotite

- this Zone is strongly magnetic and Conductive

@ 57.8 4cm thick Bedding Parallel Band of 25% Diss. Pyrrhotite Conductive & Magnetic

SAMPLE#	From	To	Length

ADDITIONAL OBSERVATIONS: Core from 3.04m to 69.23 is good & Competent

70-290

Drill Hole Record: 109.4 to 148.7

HOLE #: VA 19 - 45

From To	
98.1 to 148.74	**LITHOLOGY:** 98.1 to 100.8 Gabbro very fine grained
	100.8 to 109.4 Sericitic Quartzite
	109.4 to 148.7 Gabbro gen. Coarsely xtln.
END	**COLOR:** lite grey Seds, Green specked white Gabbro
	PRIMARY STRUCTURE: Sericitic Quartzite, is med. to fine grained, gen massive, no Bedding.
OF	
HOLE	
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

DRILL HOLE RECORD

PAGE #: 1 of

HOLE#: VA 19-46
LENGTH: 298.0

PROPERTY: VINE		HORI. COMP: 144.47	
LOCATION: EAST OF PEAVINE CRK		VERT. COMP: 260.63	
COMMENCED: May 27 - 2019	COMPLETED:	CORR. DIP:	
COORDS: Long.	Lat.	TRUE BEARING:	DRILL CONTRACTOR: F&B Drilling
COORDS: UTM (E) 586686	(N) 5473500N (EL)	% RECOVERY:	CORE SIZE: NQ
COORDS: Grid (E)	(N) (EL)	LOGGED DATE:	CASING: 1.5 Meters
ELEVATION: 1000M approx.	COLLAR: Dip: -61° Azi: 125°	LOGGED BY: D.L. Pighin	CORE STORAGE: VINE PROPERTY

OBJECTIVE: TEST OF GRAVITY ANOM.

SURVEYS: Depth: Dip: Azi: Type:

Additional SURVEYS	Depth:	Dip:	Azi:
1	18.0M	-60.9	127.9
2	23.0	-60.9	129.1
3	68.0	-60.9	131.3
4	115.0	-60.9	133.4
5	161.0	-60.9	134.6
6	206.0	-60.0	137.1
7	252.0	-61.0	138.1
8	298.0	-61.0	139.1

Imperial ☐ Metric ☐

From To

1.5 to 21.0

LITHOLOGY: Siltstone (FOOTWALL QUARTZITE)
Contact with lower Aldridge Sets is transitional.

COLOR: Dark grey with light grey mottling and Banding

PRIMARY STRUCTURE: Med. to thick Bedded, with Some scattered thin Beds
Bedding is locally distinct, but Commonly indistinct
Bedding to C/A @ 10.3M = 69.6°

TECTONIC STRUCTURE: @ 16.0 Small Qtz. Vein Cuts C/A @ 33°, & Cuts Bedding at 61°

GENERAL ALTERATION: Recrystal. fine Sericite & Biotite, @ 7.4m Small pyrrhotiferous Concretion rimed by late Silicification, Scattered Bands + patches of late Albitization

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:
@ 7.4 Small Concretion has abundant diss. Pyrrhotite

SAMPLE#	From	To	Length
TRUE CORE Scribing			
	1.5 to 45.1	Scrib on top Core	
	45.1 to 267.6	Scrib on Base of Core	
	267.6 to 298.0	Scrib on top of Core	

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 19-46

From	To	
21.0	to 83.0	**LITHOLOGY:** Siltstone interbedded Argillite & Silty Argillite LOWER ALDRIDGE SEDS
		COLOR: Grey to lite grey with scattered White Banding & Mottling.
		PRIMARY STRUCTURE: Thin to very thin Bedded, Bedding Distinct & Sharp, Siltstone beds are very fine grained, Bedding to C/A @ 23.75=66°, @ 41.4=64°, @ 50.0=68, @ 70.5=58°, @ 78.5=50°
		TECTONIC STRUCTURE: Shear zone @ 39.8 cuts C/A @ 15°, Thin shear @ 51.0 cut C/A @ 28°
		GENERAL ALTERATION: Regional Biotite & Sericite, Cut by Late bedding parallel bands of Albitization, and late albitic Concretions gen. from 26.0 to 39.0, Albitization is most abundant from 25.0 to 28.0

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

@ 25.0 Calcareous Bed hosts scattered Bells of massive Pyrrhotite, bed is Rimmed by Albitization the Bedded is Conductive
33.0 to 33.2 Calcareous Bed as above hosts 10 to 15% Pyrrhotite, is Conductive and Magnetic.
40.0 to 40.1 Quartz - Massive Pyrrhotite Vein (50% Pyrrhotite) cut C/A @ 25°, Strongly Conductive + Mag.
59.6 to 59.7 Calcareous Bed hosts 3 cm Band of Heavy diss. Pyrrhotite, very Conductive & Mag.
56.7 to 56.9 Calcareous Bed hosts minor diss. Pyrrhotite — Not Conductive.
69.3 to 69.4 Silicified, Strongly Biotitic Bed Hosts diss. Pyrrhotite 15% by Vol. is Conductive

ADDITIONAL OBSERVATIONS: NOTE: Tube Core Line from

Drill Hole Record:

HOLE #: VA-19-46

From	To	
83.0	288.0	**LITHOLOGY:** GABBRO 125.8 to 135.0 Massive Chloritic Siltstone. Sed. Screen 170.1 to 174.7 Massive Matrix Supported Siltstone Fragmental Sed. Screen
		COLOR: Gen. Green Speckled White
		PRIMARY STRUCTURE: Finely xtln from 83.0 to 86.0, then as gen. Coarse xtln to ____?
		TECTONIC STRUCTURE: Thin Vein (Calcite) @ 101.2 Cuts C/A at 30° 287.3 to 288.0 Fault Cuts C/A @ 40°, T. Core B 20°, A80°, fault Consists of Mylonized gabbro + Quartz in a Calcite Matrix.
		GENERAL ALTERATION: 86.0 to 87.0 Intense Albitization, with tiny Quartz Vein scattered throughout - out, Widely scattered Tiny Specks of pyrrhotite? Massive Siltstone unit from 125.8 to 135.0 is Strongly Chloritic, with 10 cm Zone of Brecciated Quartz. 170.1 to 174.7 Siltstone Fragmental is Strongly Sericitic + Chloritic

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

118.4 to 119.0 Quartz - Calcite Vein Cuts at 75° host one large 5cm x 5cm Patch of Massive Pyrrhotite (Conductive)
130.5 to 131.0 rare Blebs of Sphalerite in Chloritic Siltstone
at 106.0, 10 cm thick irregular hosts rare small blebs of Sphalerite
170.1 to 174.7 Fragmental host very weak Zn mineralization in hair line fractures.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA-19-46

From	To	
288.0	to 298.0	**LITHOLOGY:** Phyllonite after gabbro
		COLOR: Green with white wisps
END		**PRIMARY STRUCTURE:** Textured, foliated, Sand to silt Size grains of Quartz, and amphibole in a fine sericite matrix
OF		
HOLE		**TECTONIC STRUCTURE:** Weakly phyllitic, becoming strongly foliated @ 295.8 foliation to C/A 295.8 = 60°, T. Core B = 40°, A = 65°
		GENERAL ALTERATION: Gabbro is mainly altered to Quartz & Sericite minor Calcite surrounding grains of Quartz and Amphibole, weakly limy in part.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

DRILL HOLE RECORD

PAGE #: 1 of

PROPERTY: Vene Property		HORI. COMP:	**HOLE#:** VA 19-47
LOCATION: east of Prairie Crk.		VERT. COMP:	**LENGTH:** 240.5 Meters
COMMENCED: June 1, 2019	COMPLETED: June 7, 2019	CORR. DIP:	
COORDS: Long:	Lat.	TRUE BEARING:	DRILL CONTRACTOR: F&B Drilling
COORDS: UTM (E) 586640	(N) 5473530 (EL)	% RECOVERY:	CORE SIZE: NQ
COORDS: Grid (E)	(N) (EL)	LOGGED DATE: June 2019	CASING: 3.05
ELEVATION: 1024.0m approx.	COLLAR: Dip: −90 Azi: —	LOGGED BY: D.L. PIGHIN	CORE STORAGE: Vene

OBJECTIVE:

SURVEYS: Depth: Dip: — Azi: Type:

Additional SURVEYS	Depth:	Dip:	Azi:
	11.89	-88.5	14.0
	51.6	-88.6	34.9
	37.8	-88.7	103.3
	37.4	-88.7	149.0
	41.6	-88.7	194.8
	56.4	-88.8	240.5

Imperial ☐ Metric ☐

From To

LITHOLOGY: Siltstone, interbedded Lessor Argillite

3.05 to Lower Aldridge Seds.

70.8 62.6 to 63.6 very finely Hlp. Gabbro Sill.

COLOR: Shades of gray

PRIMARY STRUCTURE: Thin to Very thin Bedded Bedding is distinct and tabular

Bedding to C/A @ 8.0 = 72°, @ 37.4 = 78, @ 59.2 = 83°

TECTONIC STRUCTURE: 51.2 to 51.4 thin faults Consists of fault gouge & Brecciated Seds

66.0 to 68.0, Late light yellow Sericitization over prints Region alt. (Cuts C/A @ 21°)

abundant 1mm thick Tension Cracks @ 35 to 38° to C/A gen filled by Calcite

GENERAL ALTERATION: Mainly Regional Silicification & Biotitization, with widely scattered Bands of Albitization

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

90 - 6cm thick, Bedding parallel Band of finely diss. Pyrrhotite, with rare specks of Sphalerite (10% Pyrrhotite & Pyrite

Not Conductive, or magnetic, assoc. with albitization & Biotitization

16.0-16.23 Bedding Parallel Band of albitization, & Silicification & Sericitization, hosts 5% diss Pyrrhotite & Pyrite (Not conductive or mag.

31.0, 9cm thick bedding parallel Band of Limy Biotite host 10% diss. Pyrite & Pyrrhotite, Magnetic, But only Conductive in spots.

@ 44.8, 7cm thick " " " of Biotitization, Silicified, Sericitization, hosts diss. Pyrite & Pyrrhotite 20% by Vol. Magnet. But Not Conductive

@ 70.5, 3mm Thick Calcite-Qtz. vein cuts C/A @ 45°, Hosts Sphalerite

SAMPLE#	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA19-47

From To	
70.8 to 240.5	**LITHOLOGY:** Gabbro Sill 83.6 to 86.0 Massive Silicified Siltstone (Sedimentary Screen) 186.6 to 190.6 Fragment unit, Sed. clasts in gabbro matrix
END	**COLOR:** Green – speckeled white
OF	**PRIMARY STRUCTURE:** TEXTURE: Finely xtln. from 70.8 to 72.84, then gen coarse xtln. to 83.6 to 86.0 Massive, shows no Bedding, no grading etc, may have Been very fine grained pre-alteration. Cuts C/A @ 75°. 186.6 to 190.6 Fragmental unit Consists of mainly tabular Siltstone clasts in a Gabbro matrix, Clasts are matrix supported by med. xtln. gabbro
HOLE	**TECTONIC STRUCTURE:** Thin Veinlets 2mm to 3mm rarely 10mm thick, consisting of Calcite and or Clinozoisite are abundant and widely scattered through out the Core from 70.8 to at least 169.0m. Those Veins are cut by gash veins that cut Core C/A at 70°, the angle of intersection is 62° These Veinlets cut C/A at 72°
	GENERAL ALTERATION: Massive siltstone screen, is intensely Silicified, Biotitized and Sericitic 186.6 to 190.6 Fragmental unit clasts are Silicified + Biotitic. In the gabbro matrix the hornblends are mainly altered to Biotite
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

83.6 – 86.0 rare diss. fine pyrite
@ 94.6 Gash Veinlet cuts C/A @ 8°, Consists of Calcite with scattered Blebs of Chalcopyrite + Pyrrhotite 2mm to 30mm thick, 2% Sulphide by Vol.
186.6 to 190.6 Fragmental unit, host weakly diss. Pyrrhotite throughout less than 0.5% by Vol.

ADDITIONAL OBSERVATIONS:

DRILL HOLE RECORD

PAGE #: 1 of

PROPERTY: VINE

HOLE#: VA.19-48

LOCATION: West of Prairie Crk.

LENGTH:

COMMENCED: June 2, 2019 COMPLETED:

COORDS: ~~Long.~~ Lat.

COORDS: UTM (E) 585675 (N) 5473676 (EL)

COORDS: Grid (E) (N) (EL)

ELEVATION: 1044.6 meters COLLAR: Dip: −90 Azi:

HORI. COMP:

VERT. COMP:

CORR. DIP:

TRUE BEARING:

% RECOVERY:

LOGGED DATE:

LOGGED BY: D.L. Pighin

DRILL CONTRACTOR: F&B Drilling

CORE SIZE: NQ

CASING: 21.0 Meters

CORE STORAGE: Vine

OBJECTIVE:

SURVEYS: Depth: Dip: Azi: Type:

Imperial ☐ Metric ☐

From To	LITHOLOGY: Gabbro, Dyke or Sill?, Contact, not clear.
21.0 to 43.0	

COLOR: Green

PRIMARY STRUCTURE: TEXTURE: Med. to finely xtln.

TECTONIC STRUCTURE:

GENERAL ALTERATION:

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE#	From	To	Length

ADDITIONAL OBSERVATIONS:

Additional SURVEYS:	Depth:	Dip:	Azi:
	30.0	−89	328.0°
Meters	131.4	−89	332.0°
	161.0	−89.5	309.6
	222.0	−89.9	39.8°
	317.0	−89.6	89.6°
	409.0	−89.5	99.6°
	494.0	−89.2	132.7
	621.0	−88.0	127.6°
	713.0	−87.7	132.0°
	815.2	−86.8	114.2°
	913.0	−86.4	117.0°
	1015.0	−86.5	118.7°
	1109.0	−86.2	112.2°
	1204.0	−86.3	132.0°
	1300.0	−85.9	130.7°
	1402.7	−85.6	133.6°
	1512.0	−85.7	135.8°
	1606	−84.9	142.0°
	1713.0	−84.7	139.8°
	1820.0	−84.3	139.6

Drill Hole Record:

HOLE #: VA19-48

From	To	
43.0	70.0	**LITHOLOGY:** Siltstone, Broken + Rubbly Core
		COLOR: Shade of grey + Brownish grey.
		PRIMARY STRUCTURE: Med. to thin Bedded, Bedding is distinct, mainly tabular, gen. fine to med. grained Sediments. Bedding to C/A @ 45.0 = 60°, @ 51.8 = 53°, @ 56.0 = 70°
		TECTONIC STRUCTURE: @ 52.0 - 10 cm thick fault gouge zone cut C/A @ 30°, 56.8 to 59.7 fault cuts C/A @ 5°, Consists of Soft fault gouge + crushed Seds., 66.0 to 70.0 fault zone cuts C/A @ 30°?, Consists of soft fault gouge and Brecciated Seds.
		GENERAL ALTERATION: Regional, Propylitization, Sericitization.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 59.7 to 62.2, Calcite, Quartz, Chlorite Breccia zone cuts C/A @ 5°, hosts 20 to 25% fine xtln Pyrite + Pyrrhotite, (magnetite in part.), Cuts

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA19-48

From	To	
70.0	136.5	**LITHOLOGY:** Siltstone interbedded Calcareous Siltstone, Minor interbeds of Argillite; This interval is 80% Siltstone.

COLOR: Dark grey, minor lite grey Banding.

PRIMARY STRUCTURE: Mainly med. to thick bedded, Some thin Beds, Bedding plans are wavy and indistinct Siltstone beds, are Commonly graded finning upwards.

Bedding to C/A @ 81.0 = 70°, @ 105.0 = 70°, 120.0 = 63°

TECTONIC STRUCTURE: 122.2 to 124.3 fault Zone Cuts C/A @ 5° Consists of Brecciated Seds. in Soft clay gauge
132.3 to 132.7 fault Zone Cuts C/A @ 15°, Consists of Soft gauge and finely Brecciated Seds.

GENERAL ALTERATION: Regional Biotitization, & Sericitization, approx 60% of the Siltstone Beds are weakly to strongly calcareous. to 122.2

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

Very rare diss. fine specks of Pyrrhotite through out this interval —

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA19-48

From	To	
135.5	140.5	**LITHOLOGY:** Soft Sediment Slumped Zone Consisting of Argillite and Siltstone. Interval 60% Siltstone
		COLOR: Mainly Dark grey, Banded by lite greenish grey Argillite
		PRIMARY STRUCTURE: Med. to thin Bedded, Bedding is totally distorted by Soft-Sed. deformation. Soft Sed. deformation Take place mainly in The Argillite Beds.
		@ 137.3 Bedding to C/A = 60°
		TECTONIC STRUCTURE: Fractures to C/A 47°, cut by fracture @ 15°
		GENERAL ALTERATION: Regional, Biotitization, Sericitization, patchy silicification
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: rare diss. Pyrrhotite

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA19-48

From	To	
140.5	192.32	**LITHOLOGY:** Calcareous Siltstone, interbedded Siltstone and Argillite this interval is approx 70% Siltstone 70% of the Siltstone Beds are calcareous in this interval.
		COLOR: Dark grey Banded + mottled Light green.
		PRIMARY STRUCTURE: Dominately Med. to thick Bedded Siltstone, with 1.0 meter to less than 1.0 meter intervals of thin to very thin Bedded Argillite, commonly finely parallel laminated. Bedding plans are sharp and tabular; Note 149.3 to 151.45 is one massive Siltstone Bed, that is Silicified + strongly calcareous Bedding to C/A @ 137.3 = 60°, @ 154.4 = 60°, @ 171.0 = 62°, @ 185.0 = 67°
		TECTONIC STRUCTURE: Dominant Fractures cut C/A @ 20° & 35°
		GENERAL ALTERATION: Most of the Siltstone Beds are intense Ly Silicified and speckled by 10% to 15% Calcite, Some Biotite is present also, rare Small Subhedral Pink garnets rarely occur in these beds. Argillite beds are mainly Regional Biotite + Sericite, locally Silicified

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

218.9 219.0

HOLE #: VA 19-48

From	To	
192.32	to 215.3	**LITHOLOGY:** Siltstone interbedded Argillite - Silty Argillite unit is 60% Siltstone
		COLOR: Banded Reddish Brown and lite greenish grey
		PRIMARY STRUCTURE: Med to thin Bedded, Bedding is sharp and flat; intense alteration distroys primary data. Bedding to C/A @ 213.7 = 65°
		TECTONIC STRUCTURE: —
		GENERAL ALTERATION: Siltstone Beds are calcareous (15% by Vol) muscovitic, and Silicified, Regional Black Biotite is altered to Brown Biotite, phlogophite

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					
@ 208.8 3mm thick Bedding parallel layer of Pyrite is rimmed by very weakly dis. Sphalerite								Conductive
@ 210.7 " " " " " of pyrrhotite is rimmed by very weak diss Sphalerite								"
@ 210.9 " " " " " " " " " " " " " "								"

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 19 - 48

From	To	
215.3	to 266.0	**LITHOLOGY:** Siltstone, Calcareous Siltstone, minor interbedded Argillite & Silty Argillite.
		This interval is 80% Siltstone, 50% of Siltstone Beds are Calcareous.
		COLOR: Grey with lite grey Banding, mottled by lite green.
		PRIMARY STRUCTURE: Mainly med. to thick bedded, with several sequences of thin to very thin bedded argillite, Silty Argillite. Bedding in Argillite sequences is sharp and flat; Bedding on Siltstone beds is wavy and indistinct.
		Bedding to Core Axis. @ 234.0 = 58°, @ 253.0 = 63°
		TECTONIC STRUCTURE: @ 252.9, 8cm thick Bedding parallel Breccia Zone
		@ 263.2 3cm thick Breccia Zone ends C/A @ 12°
		GENERAL ALTERATION: Argillite beds host scattered Selenite xtls, that are replaced by Quartz & Calcite. Calcareous Siltstone beds are Silicified, and host fine muscovite, and rare Subhedral Pink garnets. Late lite green Chloritization, is widely scattered through out this interval.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:
		Nil

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 19 - 48

From	To	
266.0	269.0	**LITHOLOGY:** Calcareous Siltstone
		100% Siltstone interval.
		COLOR: Dark Brownish Grey.
		PRIMARY STRUCTURE: Med. to Thick Bedded, Bedding is distinct, gen Tabular
		TECTONIC STRUCTURE:
		GENERAL ALTERATION: phlogophitic, with diss. Fine muscovite, Some late over printing by lite green Chloritization.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 19-48

From	To	
269.0	318.0	**LITHOLOGY:** Siltstone, rare Calcareous Siltstone, minor interbedded Argillite
		This interval is 75% Siltstone
		COLOR: Grey to Lite grey.
		PRIMARY STRUCTURE: Med. to thick Bedded, Bedding gen. indistinct, rare sharp flat bedding -
		Bedding to C/A @ 274.7 = 60, @ 292.3 = 58° 10cm thick, @ 314.0 = 56°
		TECTONIC STRUCTURE: @ 303.3 Bedding parallel Shear Zone, healed by Calcite 62° to C/A.
		GENERAL ALTERATION: Mainly Regional Biotitization + Sericitization, with some phlogophitic, Muscovitic Calcareous beds, rare subhedral pink garnets
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

@ 286.2, rare small blebs of Sphalerite
@ 277.0 3mm thick bedding Parallel layer of Pyrrhotite Magnetic & Conductive
@ 278.0, 3 only, 3mm thick bedding parallel layers pyrrhotite Magnetic & Conductive
@ 295.95, 10 cm thick Bull Quartz Vein, host Coarse Black Biotite and Large Blebs of massive pyrrhotite, Magnetic 1 cut C/A @ 7°
@ 303.0 10 cm thick Bull Quartz Vein, with Coarsely xtln Black Biotite Salvages. (Barren)

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 19-48

From	To	
318.0	to 336.5	**LITHOLOGY:** Silty Argillite. SULLIVAN HORIZON

COLOR: Dark grey to Black Rarely lite grey

PRIMARY STRUCTURE: Mainly Massive, finely Parallel Layered, very fine grained Silty Argillite
Some Scattered narrow Sequences of very thin Bedded Argillite.

Bedding to C/A @ 334.0 = 55°

TECTONIC STRUCTURE: Nil.

GENERAL ALTERATION: Gen. Silicified, with Scattered calcareous, zones.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

Pyrrhotite is gen. finely diss. through-out this interval, rarely in 1mm to 2mm massive
Pyrrhotite bedding parallel layers.
cut C/A @ 25° → 319 to 321.0 Tension Crack Veinlets 3mm to 10mm thick host Massive Pyrrhotite, all Conductive + Magnetic
Sphalerite in general occurs as rare specks through-out those Sullivan Muds
The Best Pyrrhotite & Sphalerite Mineralization occurs from 330.6 to 330.7 - Very Conductive through-out.
331.0 to 332.9 - 27 only paper thin Pyrrhotite all are Conductive + Magnetic + Magnetic.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

908-

HOLE #: VA 19-48

From	To	
336.5	478.2	**LITHOLOGY:** Siltstone, minor Calcareous Siltstone, Rhythmically interbedded Argillite. LOWER ALDRIDGE FM.
		COLOR: Winish grey, finely speckled white, interlayed lite to white Bands.
		PRIMARY STRUCTURE: Gen. thin to very thin bedded, some scattered med. beds, Bedding planes are sharp and Tabular, Siltstone Beds are very fine grained.
		Bedding to C/A @ 344=62°; @ 360.0=58, @ 369=38°, @ 381.0=60°, @ 411.0=52, @ 417.0=41°; @ 426.2=48°; @ 443.0=60°; @ 452=63°
		TECTONIC STRUCTURE: Through-out this interval the Dominate fracture set gen. cuts C/A at 23°. with an older and rarer set @ 57° to C/A, and a rarer set of fracture ranging from 5° to 10° to C/A this one is usally mineralized by Qtz. & Pyrrhotite
		GENERAL ALTERATION: In gen Regional Protitization & Sericitization But from 370.0 to 394.0 Intense fine yellow Sericitization and lite green Chloritization Strongly over prints Regional Alteration and again from 416.8 to 426.8. From 452.6 to 465.7. Sedi are philogophitic, muscovitic and Calcareous and cut by Tole Bands of fine yellowish Sericite.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: rare diss. Pyrrhotite Through-out Interval. @ 474.7 1cm thick Quartz Vein cut C/A @ 16° hosts scattered bebbs of Pyrrhotite.

SAMPLE #	From	To	Length

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA19-48

From	To	
478.2	505.8	**LITHOLOGY:** Siltstone rhythmically interbedded Argillite

COLOR: Tuscan red beds, interbedded lite greenish grey & dark grey Beds

PRIMARY STRUCTURE: thin to very thin bedded, med. Beds - are rare, Bedding plans are Sharp and Tabular.

Bedding to C/A @ 500.0 = 62°

TECTONIC STRUCTURE: NIL.

GENERAL ALTERATION: Regional Biotite + Sericite, with some late chloritization of Some Argillite Beds.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

493.3 to 494.7, rare thin and discontinuous Tension cracks filled with massive pyrrhotite

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 19-48

From	To	
505.8	537.8	**LITHOLOGY:** Biotitic, Sericitic, Calcareous Siltstone interbedded. Sericitic Silty Argillite

COLOR: Tuscan red, speckled whitish green calcareous Siltstone, interbedded grey Sericitic Silty Argillite

PRIMARY STRUCTURE: mainly med. to thick bedded, Some thin Beds, Bedding is Sharp and Tabular nearly all of these Seds. are faintly, very finely laminated.

Bedding to C/A @ 512.3 - 64°

TECTONIC STRUCTURE: NIL.

GENERAL ALTERATION: Regional ? Calcareous Beds consist of fine reddish Biotite, Sericite, Calcite, & Quartz Silt-

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

approx 0.5% finely diss. Pyrrhotite through-out all the Seds in This Segment.

@ 511.4, 5cm thick Quartz-Chlorite, hosts massive pyrrhotite, Conductive + magnetic, out C/A @ 20°

ADDITIONAL OBSERVATIONS:

Drill Hole Record: 539. to 617

HOLE #: VA 19-48

From	To	
537.8	to 539.6	LITHOLOGY: Argillite interbedded silty Argillite

COLOR: Lite Brown and grey, thinly laminated By black

PRIMARY STRUCTURE: Very thin bedded, Sharp flat bedding

Bedding to C/A @ 537.8 = 58°

TECTONIC STRUCTURE: Nil.

GENERAL ALTERATION: Regional Biotitization & Sericitization

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length					
Nil.									

ADDITIONAL OBSERVATIONS:

617

Drill Hole Record: (FOOTWALL QUARTZITE)

HOLE #: VA 19-48

From	To	
539.6	to 646.0	**LITHOLOGY:** Mainly Siltstone, with widely scattered thin silty Argillite sequences - 549.4 to 552.5 Silty Argillite, 573.0 to 578.5 Biotitic, Sericitic Calcareous, Tuscan Red Siltstone.
		COLOR: Gen. lite Bluish Grey with lite yellowish tan mottling and Banding
		PRIMARY STRUCTURE: Siltstone Beds are gen. med! to thick Bedded, with rare Very thick Beds Bedding plans are mainly indistinct, Load Costs on Bedding plans are Common, Siltstone Beds are Gen. med. Grained, Silty Argillite intervals are rarely more then 50 cm thick, they are gen. very thin bedded, with sharp - Tabular Bedding, this beds are gen. lite grey, thinnly Band grey and locally white.
		TECTONIC STRUCTURE: Bedding to C/A @ 556.0 = 55°, @ 570.4 = 62°, @ 595.0 = 59°, @ 613.2 = 60°, @ 627.8 = 63°
		GENERAL ALTERATION: Siltstone Beds are Silicified, and Sericitic, from 552.5 - 565.0 Late lite yellow Sericite mottles + Bands Silicified Siltstone, 578.5 to 582.0 Siltstone Beds are mainly altered to fine white Sericite, Small anhedral Pink garnets are rare but widely scattered through-out Some of more intensely Silicified Siltstone Beds.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

578.5 to 582.0, .5% diss. Euhedral - subhedral Pyrite diss. in intensely Sericitized Siltstone.
@ 585.6, a 1 cm thick, Bedding parallel Breccia Zone hosts pyrrhotite + Sphalerite
586.4 to 586.9 Quartz Vein cuts C/A @ 5° host coarsely Ltln Biotite & Belbs of Massive Pyrrhotite.
615.8 to 616.0 " " " " " " " " " & " " " "
550.5 to 551.0 widely scattered, paper thin Pyrrhotite Lamina are Conductive & Magnetic.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 19-48

From	To	
640.0	659.5	**LITHOLOGY:** Biotitic, Sericitic, Calcareous Siltstone A Segment of Lower Aldridge type Seds, within the Footwall Quartzite Unit.
		COLOR: Tuscan Red, speckled white, with widely spaced white Banding.
		PRIMARY STRUCTURE: Mainly thin to very thin Bedded, Bedding to C/A @ 656.0 = 62°
		TECTONIC STRUCTURE: Nil
		GENERAL ALTERATION: Regional Biotitization, Sericitization, + Carbonatization

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length					
Nil.									

ADDITIONAL OBSERVATIONS:

681.1

Drill Hole Record:

HOLE #: VA19-48

From	To	
659.5	720	**LITHOLOGY:** Mainly altered Siltstone, with minor thin Silty Argillite interbeds (FOOTWALL QUARTZITES)
		COLOR: Grey to lite grey
		PRIMARY STRUCTURE: Med. to thick and Very thick Bedded, Bedding is gen. indistinct, Commonly wavy and distorted, by Soft Sed. deformation, load cast. 673.0 to 681.0 abundant Zones of Soft Sed. deformation, rare rip-up clast. Bedding to C/A @ 644.8 = 57°, @ 677.6 = 60°, 703.5 = 53°, @ 716.5 = 42°
		TECTONIC STRUCTURE: 704.6 to 705.5 fault Zone cal C/A at 68° parallel to Bedding
		GENERAL ALTERATION: Siltstone Beds are gen. Silicified & Sericitic, with widely scattered patches of small anhedral pink garnets

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 19-48

From	To	
720.0	777.1	**LITHOLOGY:** Siltstone, Silty Argillite Lower Aldridge Seds. ? 768.7 to 769.6 Lamprophyre Sill.
		COLOR: Tuscan Red, Pinkish lite grey, locally mottled lite green & Reddish Brown.
		PRIMARY STRUCTURE: Med. to thin Bedded, Bedding planes highly distorted due to Tectonism.
		Bedding to C/A 730.5 = 45°, @ 747.0 = 50, @ 754.6 = 36, @ 762.5 = 21°, @ 765.0 = 24°, @ 771.0 = 30, @ 773.85 = 25°
		TECTONIC STRUCTURE: 720.0 to 738.0 Seds are Strongly fractured by discontinuous numerous gash veins @ 13° to C/A.
		GENERAL ALTERATION: Regional alteration over printed by Chlorite, Calcite and Pyrrhotite.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

	SAMPLE #	From	To	Length
720.0 to 738.0 Gash Veinlets host Black chlorite, Pyrrhotite and Calcite.				
738.0 to 743.5 foliated Quartz-Calcite, Chlorite vein cuts C/A @ 28° + 20° on H.W. The vein hosts massive Pyrrhotite, Arsenopyrite, Chlorite and minor Chalcopyrite in fine grained streaks parallel to foliation. The Sulphides are Conductive & magnetic.				
Sample No's				
2107255		738.0	739.0	Qtz.-Calcite Vein, hosts Streaks + Bands of Black Chlorite, Pyrrhotite & Arsenopyrite
" 256		739.0	740.0	Mainly Qtz. & Calcite with spots of Diss. Arsenopyrite & Pyrrhotite
" 257		740.0	741.0	Mostly Rubbly Seds. + Qtz. with a 20 cm Section of abundant Arsenopyrite & Pyrrhotite

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA19-48

From To	LITHOLOGY: Massive Sulphide, Quartz, Calcite Vein.
777.1 to 783.8	

COLOR: Bronze, Yellow, White and grey.

PRIMARY ~~STRUCTURE~~: TEXTURE, The massive Sulphide Vein Has a Cataclastic texture, formed by massive Sulphides Surrounding ragged Quartz & Calcite Clasts

TECTONIC STRUCTURE: ?

GENERAL ALTERATION: No Alteration of Seds on H.W of Vein, 1.0 Meters of Silicification & Sericitization mark the F.W. of the Vein

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Sample No.'s	Vein in detail from H.W. to F.W.	SAMPLE #	From	To	Length
2107261	777.1 to 777.3 60% massive Pyrrhotite with minor Chalcopyrite, 40% Quartz.				
" 262	777.3 to 777.6 60% Brown Biotite, 40% Calcite, with weakly diss. Pyrrhotite + Chalcopyrite.				
" 263	777.6 to 779.0 70% Pyrrhotite with 2% chalcopyrite, 30 Quartz & calcite mainly as clasts.				
" 264	779.0 to 780.0 75% Calcite, 5% chlorite, 20% Quartz, rare diss. Pyrrhotite and Chalcopyrite.				
" 268	780.0 to 780.6 23% Massive Pyrrhotite, 2% Chalcopyrite, 25% Quartz & Calcite, 50% Silicified sericitic Seds.				
" 266	780.6 to 781.5 Silicified-Sericitized Seds. with weakly diss. Pyrrhotite + Chalcopyrite.				
" 267	781.5 to 782.6 58% Massive Pyrrhotite, 2% Chalcopyrite, 40% Quartz & Calcite.				
" 268	782.6 to 783.6 90% Gabbro, 10% Calcite very rare diss. Pyrrhotite				

Sulphide Intervals ie: 777.1 to 777.3, 777.6 to 779.0, 780.0 to 780.6, 781.5 to 782.6 are Strongly Conductive + Magnetic

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 19-48

From	To	
783.8	823.1	**LITHOLOGY:** Siltstone interbedded Silty Argillite Good Lower Aldridge Seds.
		COLOR: Tuscan Red interlayered grey, mottled and Banded lt.green and white
		PRIMARY STRUCTURE: Thin to Very Thin bedded with rare med. Beds, Bedding is distinct and Commonly flat.
		Bedding to C/A @ 802.0 = 52°; @ 815.0 = 52°
		TECTONIC STRUCTURE:
		GENERAL ALTERATION: Regional Biotitization & Sericitization, 815.0 to 824.0 Scattered Bands of late Albitization and Chloritization
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: widely scattered Throughout this interval are paper thin Tension cracks, and irregular gash Veins that host chlorite, Calcite & pyrrhotite.

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

953

HOLE #: VA19-48

From To	
823.1-1030.6	LITHOLOGY: Gabbro Sill, H/W & F/W Contact are Sharp and Parallel to Bedding
	830.9 to 832.6 Intensely Silicified Crackle Brecciated Sed.
	843.0 to 879.4 Calcite Vein: cuts C/A @ 85°
	COLOR: Green Speckled White
	~~PRIMARY STRUCTURE~~: TEXTURE: Med xtln.
	TECTONIC STRUCTURE: NIL Barren Qtz. — minor Calcite Veins 908.4 to 910.0, cut C/A @ 49° &
	941.2 to 942.0 cuts C/A @ 56°, & 950.0 to 952.4 cuts C/A @ 40°
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:
	843.0 to Plus 879.4 Calcite Vein, 95% med. xtln. Calcite, with widely scattered Quartz Clasts
	hosts scattered patches of Chlorite, Lessor Biotite, and actinolite, weak and very finely diss. Pyrrhotite
	and chalcopyrite, Best diss. patch of Chalcopyrite @ 850.8, (4cm in circumf.)
Sample No	@ 852.4, 4cm thick Band of Galena
2107269	Grab 846.5, 90% xtln Calcite rare diss. Pyrite, minor Chlorite.
" " 270	Grab @ 855.8 90% xtln Calcite weak diss. Pyrite, Pyrrhotite & Chalcopyrite.
" " 271	Grab @ 861.6 90% xtln calcite with Chlorite, Actinolite, weak finely diss. Pyrrhotite & chalcopyrite
" " 272	Grab @ 866.8 95% xtln. Calcite, minor Chlorite
" " 273	Grab @ 872.0 98% xtln Calcite, rare Chlorite
" " 274	Grab @ 876.8 100% xtln. Calcite

SAMPLE #	From	To	Length

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA19-48

From	To	LITHOLOGY:
1030.6	1069.9	Silty Argillite. Good L.A. Seds

COLOR: Banded grey, Dark grey and Tuscan red

PRIMARY STRUCTURE: Thin to very thin Bedded, Bedding plans are sharp & Tabular, Seds are composed very fine Silt in argillite matrix

Bedding to C/A @ 1033.0 = 52°, @ 1052.3 = 58°, @ 1067.5 = 52°

TECTONIC STRUCTURE: NIL.

GENERAL ALTERATION: Mainly Regional Biotitization & Sericitization 1030.6 to 1039. Late Silicification and Sericitization over prints Regional alteration, @ 1043.7 Bedding parallel Band of Calcareous Chlorite, Biotite, Anhedral garnets (orange) with abund. Disr. Pyrrhotite

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

From 1030.6 to 1039.0 widly scattered 4mm, to 10mm thick Pyrrhotite, Chalcopyrite, Quartz, Calcite Veinlets Cut C/A at 50°, & 64°. The largest Vein @ 1031.5 is 10cm thick & Cuts C/A 35°, Consist of 50% Massive Pyrrhotite, lessor chalcopyrite. In this interval pyrrhotite occurs in the Seds, as small massive blebs and as rare thin Bedding parallel Laminae.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

Pyrrhotite

HOLE #: VA 19-48

From	To	
1069.9	1161.0	**LITHOLOGY:** Diorite Dyke? Consists mainly of Quartz and Biotite with scattered Albite phenocrysts, with relatively abundant Anhedral Pink garnets H.W Contact cuts C/A @ 45°, at 22° to Bedding.?
		COLOR: Gen. Black with dark green Back ground.
		PRIMARY ~~STRUCTURE~~: Med. xtlm, to locally coarse xtlm., From 1158 to 1161.0, Dyke? is very finely xtlm.
		TECTONIC STRUCTURE: widely Scattered Brecciated Qtz-calcite Veins rarely more the 10cm thick Cut C/A @ 20° & 39° at 1139.9, 10cm thick Shear Zone cuts C/A 51°
		GENERAL ALTERATION: Fresh, Pink garnets Stop near 1110.0m.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Pyrrhotite and Chalcopyrite is weakly and widely diss. Throughout the Dyke.

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA19-48

From	To	
1166.0	1212.8	**LITHOLOGY:** Mainly Silty Argillite, with Lessor interbeds of Argillite Lower Aldridge Seds
		COLOR: Banded Dark Grey, Dark Brownish grey and lessor light grey
		PRIMARY STRUCTURE: mainly Very thin Bedded, rare thin beds. / Bedding plans are Sharp + flat, Silty Arg. beds typically very finely parallel laminated, with some rare cross laminations Bedding to C/A @ 1166.8 = 62°, @ 1174.4 = 65°, @ 1184 = 59°, @ 1200.0 = 63, @ 1
		TECTONIC STRUCTURE:
		GENERAL ALTERATION: Regional, the Seds are altered to mainly Biotite, Sericite and Quartz Silt
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

at 1162.0, a 14cm thick, Bedding parallel Zone, consists of 50% Diss. Pyrrhotite, hosted by Sericite, Biotite and Quartz. The Zone is Rimmed by 2cm thick Bands of Albite, this Zone is Conductive in parts, and all magnetic
@ 1178.5 5cm Bedding parallel Band of near massive Pyrrhotite, Strongly Conductive & Mag.
@ 1190.1 4mm thick layer of Sphalerite is parallel to Bedding
@ 1191.0 2mm Band of finely Diss. Sphalerite assoc. with diss. Pyrrhotite.
1191.7 to 1191.2, a Band 10cm thick is Bounded 1cm thick layers of Albite, hosting Quartz-Calcite, Chlorite and abund. Sphalerite, immediately Below, this Band is thin Bedding parallel layers of sphalerite 1mm thick
@ 1193.5, 4cm thick Band of Diss. Sphalerite + Pyrrhotite, parallel to Bedding
From 1193.5 to 1202.6 Silty Argillite Beds host finely diss. pyrrhotite ranging between 1 and 5% by Vol.
these Silty Argillite form 70% of this interval, these Beds are all Magnetic But NOT Conductive
@ 1206.5, 10cm thick Zone parallel to Bedding host diss. sphalerite associated with Late Silicification + Sericitization

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

1231

HOLE #: VA 19-48

From	To	
1212.8	1230.0	**LITHOLOGY:** Mainly Silty Argillite, with Lessor interbeds of Argillite
		COLOR: Banded Dark grey & Light grey.
		PRIMARY STRUCTURE: Mainly Med. to thin Bedded, with some very thin Beds. Bedding is Sharp and flat Silty Argillite beds are all very fine grained.
		Bedding to C/A @ 1217 = 70°, @ 1230 = 65
		TECTONIC STRUCTURE:
		GENERAL ALTERATION: Mainly Regional Biotization & Sericitization
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:
		At 1226.2, 1cm thick Calcite-Quartz Breccia Zone host Blebs of Pyrrhotite, Chalcopyrite and Traces of Sphalerite
		at 1218.0, 10 cm thick crackle Breccia Zone, parallel to Bedding is intensely Silicified & Sericitized, Hosts
		Traces of Sphalerite in fole irregular hairline fractures.

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 19-48

From	To	
1230.0	1294.4	**LITHOLOGY:** Silty Argillite, Rhythmically interbedded Argillite. Lower Aldridge Seds.
		1271.3 to 1272. 3 individual Limestone Beds Between 10 cm and 5cm thick
		COLOR: Banded Grey, Brownish Grey to Tuscan red locally, with lite grey Argillite interbeds.
		PRIMARY STRUCTURE: Mainly thin to very thin bedded, some medium beds, Silty argillite beds are very fine grained, commonly very finely parallel laminated, Soft Argillite interbeds are rarely more than a cm. Thick
		Bedding to C/A @ 1248.3 = 60°, @ 1261.5 = 61°, @ 1271.7 = 60°, @ 1285.5 = 61°
		TECTONIC STRUCTURE: Crackle Breccia Zone @ 1279.6, 30 cm thick cut C/A @ 61°. Parallel to Bedding
		Crackle Breccia Zone at 1287. 10 cm thick is parallel to Bedding
		GENERAL ALTERATION: Regional Biotitization & Sericitization.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

@ 1251.3, diss. Sphalerite in Biotitic Siltstone Bed 10 cm thick
@ 1252.5 1 to 2 mm thick Layer of Sphalerite parallel to Bedding
@ 1268 5 cm thick Band of Silicified Siltstone hosts diss Sphalerite

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 19-48

From	To	
1294.4	to 1301.6	**LITHOLOGY:** Silky Argillite 1294.4 to 1297.1 Fault Zone
		COLOR: Wispy finely laminated green, lite grey and yellowish grey
		PRIMARY STRUCTURE: Very thin bedded, Bedding is distorted by tectonism
		TECTONIC STRUCTURE: This fault cuts C/A @ 54°, foliation planes are slickensided roughly parallel to C/A. The fault consists 3 meters of well developed Phyllite, which is very finely foliated, foliation plans are slicken sided, parallel to C/A
		GENERAL ALTERATION: Sids are totally altered to Sericite & Chlorite

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

@ 1295.1 Slicken sided Moly on one only thin foliation Plan

ADDITIONAL OBSERVATIONS:

1345

Drill Hole Record:

HOLE #: VA19-48

From	To	
1301.6	1471.2	LITHOLOGY: Gabbro: Sill

COLOR: Green to White speckled Green.

~~PRIMARY STRUCTURE~~: TEXTURE; Very fine grained for 1.5 m from HW Contact, thence Med. grained.

TECTONIC STRUCTURE: Starting at 1362.0 to 1393.0 calcite filled fractures are relatively abundant. at 50° to C/A & 6° to CA; 1378.1 to 1378.5, Calcite Matrix Breccia Zone Cuts C/A @ 51°

GENERAL ALTERATION:

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

1309.6 to 1313.6 Quartz Vein hosting 50% massive Pyrrhotite, with minor Chalcopyrite, Vein Cuts C/A @ 13°. The Vein is Conductive & Magnetic. (True thickness approx. 85.0 cms). The 6° to C/A Veins Note above, rarely more than 5 mm thick, they are typically Drusy, and they give host Traces of Chalcopyrite, Pyrrhotite along Vein margins, and in the adjacent Gabbro

ADDITIONAL OBSERVATIONS:

Drill Hole Record: 1490

HOLE #: VA19-48

From	To	
1471.2	1539.3	**LITHOLOGY:** Silty Argillite.

COLOR: Banded grey & Dark grey

PRIMARY STRUCTURE: thin to very thin Bedded.

Bedding A=63°, B=65° @ 1483, @ 1500.7 A=65°, B=70°, @ 1516.6 A=65°, B=70°, @ 1534.0 = A=65°

TECTONIC STRUCTURE: Dominate Fractures A38°, B45° & A=45, B50°, @ 1590.0 fractures Dom. A32°, B40°, A32°, B38° from 1534.3 to 1539.3 Core is mainly Rubble, due abund. open fracture @, 30°, 10°, & 65° to C/A 1537.9 to 1539.0 fault Zone Consists of Soft fault gauge & intensely Sheared Seds. @ 10° to C/A

GENERAL ALTERATION: Regional Biotitization & Sericitization, over printed from 1471.2 to 1478.8 by late Sericitization and Silicitization. Widely scattered Euhedral Tourmaline needles from 1471.2 to 1475.0

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Rare diss. Pyrite & Pyrrhotite.

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA19-48

From	To	
1539.3 -		**LITHOLOGY:** Altered Gabbro or Diorite Sill FW: Contact is Sharp, and Parallel to Bedding
1640.3		Drilling, From 1539.3 to 1547.0 the Rock Consists mainly of Sericite,
		lessor Qtz, and Pyrite, from 1547.0 to 1600.0 Consists of fine Biotite, Quartz and Pyrrhotite.
		COLOR: 1539.3 to 1547.0 Lite yellowish grey Speckled dark grey, 1547.0 to 1640.3 Gen Black with some lite grey Speckling
		~~**PRIMARY STRUCTURE:**~~ Texture fine grained in general
		TECTONIC STRUCTURE: 1537.9 to 1539.0 fault Zone cuts C/A @ 10° Consists of foliated Sets & Soft gauge.
		1544.0 to 1547.0 fault cuts C/A @ 6°, Consists of Gauge, Calcite, & massive Sulphides.
		open fractures to C/A @ 1610.0 = A 49°, B 50° & A 29° B 35°, @ 1634.0 A = 21, B = 20°
		GENERAL ALTERATION: Altered Gabbro? 1539.3 to 1547.0 mainly to Sericite & Pyrite; 1547.0 to 1640.3
		Altered mainly to Quartz, Biotite and Pyrrhotite.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length
1544.0 to 1547.0 Fault Zone hosts Calcite & Massive Pyrrhotite & Pyrite, 1 Meter of Core lost in massive Sulphide Zone.				
1550.8 to 1551.0, Quartz & massive Pyrite & Pyrrhotite Rubble, No Contacts				
Sample NO 1561.6 to 1562.9, Quartz, Calcite, massive Pyrrhotite & Pyrite Vein cut C/A at 18°.				
210772 75 1541.5 - 1542.5 Altered Sericitic gabbro?, Host 25% Pyrite				
" 276 1544.9 - 1545.0, Massive Pyrite & Pyrrhotite 10cm				
" 277 1557.7 - 1558.7, alt. gabbro, mainly fine Black Biotite, Quartz, & 25% diss. Pyrrhotite + rare Chalco.				
" 278 1560.0 - 1561.0, " " " " " " " " " " & " "				
At 1630.28, 10 cm thick Zone of 45% by Vol. diss. Pyrrhotite Magnetic & Conductive!				
1639.0 to 1640.3 Weak finely diss. Pyrrhotite & rare Chalco. from 1% to 3% diss. Sulphides - Zone is Magnetic				
But Not Conductive				
@ 1639.48 5mm thick Quartz - Pyrrhotite Vein Cuts C/A @ 15°, is magnetic + Conductive				

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 19-48

From	To	
1640.3	1715.0	**LITHOLOGY:** Mainly Silty Argillite (Lower Aldridge FM.) 1656.5 to 1656.9 Biotitic, Quartzitic Limestone Bed - and @ 1706.6 to 1706.8
		COLOR: Dark grey with Grey Banding
		PRIMARY STRUCTURE: Gen. thin to Very thin Bedded, Bedding is distinct, gen Tabular.
		@ 1649.0 Bedding to C/A = A62°, B78°, Bedding to C/A at 1676.7 = 66°, @ 1699.0 = A58°, B63°, A=65 to C/A @ 1713.0
		TECTONIC STRUCTURE: @ 1644.6 thin Shear Zone cuts @ 10°, 1650.0 to 1659 Core is Badly Broken up & Rubbly, widely scattered Slickensided fractures @ A 25, B 30°, 1678.4 to 1680.4 Rubbly Shear Zones at cuts C/A @ 45°, @ 1699.6 Hairline Qtz-filled fractures cut C/A, A 45°, & B 55°
		GENERAL ALTERATION: Mainly Regional Biotite & Sericite, rare spots of albitization, 1665.8 to 1706.0, relatively abundant Bedding Parallel Bands of Albitized argillite, 1666 to 1666.8 late calcite stks scattered through-out the Siltstone beds, Limestone etc. beds described above are typically Bounded by albitization @ 1641.2, 5mm Band of thulite
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

1647.4, 5mm thick Quartz-Pyrrhotite Vein cuts C/A @ 28° Vein is associated with minor albitization
1656.5 to 1656.9, Limestone Bed hosts 1% to 5% Pyrrhotite
1677.5 to 1677.9, Albitized Bed hosts an 8cm thi Band of 50% Pyrrhotite, that is Conductive & Magnetic.
1706.6 to 1706.8 Limestone Bed etc described above host 5% diss. Pyrrhotite, Not Conductive.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA19-48

From	To	
1715.0	1776.3	**LITHOLOGY:** Gabbro Sill upper Contact Sharp & parallel to Bedding. FW Contact Sharp & parallel to Bedding.
		COLOR: Green speckled white.
		PRIMARY STRUCTURE: Finely xtline for 1.0 meters from Hilt Contact, then Med. Ulm to ?
		TECTONIC STRUCTURE: Dominant Fractures from 1715.0 to 1753, are gen. open to healed by Hair line thick. Soft Calcite - At 1716.5, A = 42°, B = 50° & A65°, B = 70°, At 1744.5 Fractures A52°, B60 & A30°, B40°
		GENERAL ALTERATION: Fresh.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length					
1750.3 to 1751.4, Barren Quartz, chlorite vein cuts C/A @ 10°									

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA19-48

From	To	
1776.3	1814.3	**LITHOLOGY:** Siltstone, minor Argillite Interbeds Lower Aldridge Seds. Gabbro Sill 1809.3 to 1814.3, Hsh Contact Parallel to Bedding, F.W. Contact is Rubble.
		COLOR: Gen. Grey with Some lite grey bands; lite greenish grey in Silicified Zones.
		PRIMARY STRUCTURE: Gen. Thin to Very thin bedded, very fine grained Seds.
		Bedding @ 1786.3 A=75°, B.88°, @ 1801.3 = A26°, B 35°,
		TECTONIC STRUCTURE: Dominant Fracture at 1801.3 is A26°, B35°, @ 1812.4 Dominant Fracture #2 A57°, B69°
		GENERAL ALTERATION: 1776.3 to 1778.5 Intense Silicification with Some Sericitization.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length					
Quartz-pyrrhotite veinlets rarely more than 5mm thick, are wide spaced: from 1776.3 to +1786.5 out Core Axis at A30° & B35°									

ADDITIONAL OBSERVATIONS:

36 TD= 36° + 54 = 11 58

Drill Hole Record:

HOLE #: 11A19-48

From	To	LITHOLOGY: Siltstone
1814.3	to 1820	

COLOR: Lite green, mottled lite grey and locally white.

PRIMARY STRUCTURE: is mainly distorted by alteration & Tectonics.

@ 1817.5 Bdd to C/A = 24°

TECTONIC STRUCTURE: 1814.3 to 1820.0 Is Strongly fractured Rubbly Core Fractures are dominately at 1148 & 85°, and @ A45, B65°, No fault gauge.

GENERAL ALTERATION: 1814.3 to 1819.0 Seds. are Strongly Silicified and chloritized, with some small patches of Albitization

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length					
rare diss. Pyrrhotite									

ADDITIONAL OBSERVATIONS:

40° ~~Propylitic~~ propylitic

Drill Hole Record:

HOLE #: VA 19 - 48

From	To	
1820.0	1864.0	**LITHOLOGY:** Sericite, Quartzitic, Chloritic. Phyllitic after Sedi.
		1829.7 to 1830.3, Propylitic Alaskite Dyke, Contacts are Sharp and Parallel to foliation. The Dyke is not foliated (Fresh)
		COLOR: lite green, Streaked green & white
		~~PRIMARY STRUCTURE~~: TEXTURE: Finely xtln Sericite & Chlorite and micro xtln. Quartz, Weakly foliated from 1820.0 to 1829.7
		1830.3 to 1864.0 foliation is intense, foliation plans are 1mm to 4mm apart, Small Quartz Boudins
		are abundant, commonly elongated parallel to foliation.
		TECTONIC STRUCTURE: Foliation to C/A @ 1830.8 = A=54°, B=70°, foliation plans are commonly Slickensided.
		Striations cut Orient. Core Axis @ 30° to 40°, @ 1846.22 A=25°, B=45°, @ 1854.5 = A=46°, B=65°
		foliation Plans are Wavy due to abund. Boudinage structures, and Small Scale Drag folds.
		Some of the Drag fold Axis cut core orientation line @ 98°, Plunging 2° NE° of Orient. core line.
		GENERAL ALTERATION: Rock is totally altered to Sericite, Quartz & Chlorite, after Sediments,
		1858.8 to 1859.2 Abund. Fuchsite (muraposite)

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length					
Pyrite is weakly diss. Through out this interval,									
1840.0 to 1841.4 finely diss. Pyrrhotite from 1% to 3% by vole, with Some weak Sphalerite disseminations									
This mineralization is assoc. with late Intense Silicification									

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 1948

From	To	LITHOLOGY:
186.0	187.20	Moyie Fault Consists of Soft fault gouge and Brecciated phyllite and Black Devonian Argillite & Dolomite

COLOR:

PRIMARY STRUCTURE:

E.O.H

TECTONIC STRUCTURE:

GENERAL ALTERATION:

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

DRILL HOLE RECORD

PROPERTY: Vine		HORI. COMP: 61.0	HOLE#: VA 20-49
LOCATION: West of Peavine Crk.		VERT. COMP: 998.13	LENGTH: 1000.2 Meters
COMMENCED: Jan. 6, 2020	COMPLETED: Jan 27, 2020	CORR. DIP: Ave: -86.5	
COORDS: Long.	Lat.	TRUE BEARING:	DRILL CONTRACTOR: F&B Drilling
COORDS: UTM (E) 585576	(N) 5473663 (EL)	% RECOVERY:	CORE SIZE: NQ
COORDS: Grid (E)	(N) (EL)	LOGGED DATE: Jan. 2020	CASING: 1.52
ELEVATION: 1050.0 M.	COLLAR: Dip: -90 Azi: —	LOGGED BY: D.L. Pighin	CORE STORAGE: Vine Prop

OBJECTIVE: To test the New Massive Sulphide Horizon

SURVEYS: Depth: Dip: Azi: Type:

Imperial ☐ Metric ☐

From To: 1.52 + 34.1

LITHOLOGY: Siltstone interbedded, Silty Argillite, 10% of the siltstone beds are weakly Calcareous, 28.2 to 29.2 Strongly Calcareous Silty Argillite Beds

COLOR: Dark grey, Banded Black.

PRIMARY STRUCTURE: Med. to thick Bedded, Some thin beds, Bedding plan are gen wavy, But locally flat-sharp, Siltstone Bed are fine grained, 28.2 to 29.2, Silty Argillite is very finely parallel laminated, Some thin Soft Sed. deformation Bands & Kattered through-out Int.

TECTONIC STRUCTURE: Bedding to C/A @ 6.5 = 70, @ 22.0 - 63°
@ 14.5 thin Shears cut C/A @ 6°, @ 32.8 Meters, Shear Zone 10 cm Thick Cuts C/A @ 30°

GENERAL ALTERATION: Regional, Prohitization, Sericitization, spotty Silicification

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:
@ 12.8 Massive Pyrite Vein is parallel to C/A.
In gen. pyrite occurs in widely scattered irregular hair line fractures

SAMPLE#	From	To	Length

ADDITIONAL OBSERVATIONS:

Additional SURVEYS: Depth:	Dip:	Azi:
12.0m	-88.9	194°
98.0	-88.4	179°
198.0	-87.6	194.8
300.0	-87.2	199.6
405.0	-86.8	199.4
507.0	-86.1	199.0
601.3	-85.6	203.0
714.0	-85.6	206.6
811.0	-84.6	203.5
906.0	-83.6	206.7
1002.0	-82.8	201.3

Drill Hole Record:

HOLE #: VA20-49

From	To	
34.1	to 150.2	**LITHOLOGY:** Siltstone interbedded Silty Argillite & Argillite. 30 % of this interval is Calcareous Siltstone & Argillite. @ 62.4 10cm of marker type bed; @ 71.9, Marker Bed totally deformed by adjacent fault.
		COLOR: The Calcareous Argillite Beds are Slightly Reddish Brown, interbedded with grey Beds
		PRIMARY STRUCTURE: Med, thin and Very thin Bedded, Bedding is distinct, Commonly tabular, But locally Bedding is distorted by soft Sed. deformation, The Calcareous Argillite Beds are gen finely parallel laminated, 104.7 to 107.5 thick Bedded Siltstone
		Bedding to C/A @ 36.4 = 62°, @ 62.5 = 62°, @ 75.0 = 62°, @ 119.31 = 66°, @ 153.8 = 70°
		TECTONIC STRUCTURE: @ 85.0 10cm thick Bedding parallel fault zone, @ 72° to C/A, fault is marked by soft gouge and Sed. Clasts. 87.0 to 89 Brecciated Rubbly Seds, no fault gouge, cuts C/A @ 35°
		110.7 to 110.9 thin shear zone 5cm filled by soft gouge, cut C/A @ 7°, @ 146.6 Shear with gouge, 15cm thick, cuts C/A @ 12°
		GENERAL ALTERATION: Regional alteration, 59.0 to 65.0, Small euhedral pink garnets are widely Scattered in Siltstone Beds, through-out this interval, gen associated with Biotite & fine Carbonate. The Calcareous Silty Argillite Beds mainly altered to Fine Reddish Brown Biotite, fine Sericite, ~~Some Quartz~~ Some Quartz grains and weak diss. Pyrrhotite, rare Calcite xtls after Sphene

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length
@ 42.2 - 3mm thick massive pyrite Vein cuts C/A @ 18°				
@ 54.13 10cm thick Qtz.-Biotite- Hosts rare Pyrrhotite Belbs				
@ 82.12 Quartz-Carbonate Vein cuts C/A @ 78°, Vein has Coarse Black Biotite Salvages on Contacts, with rare patches of massive pyrrhotite				
@ 139.0 thin 5mm thick Quartz-Calcite-Biotite, Barren Veinlets Cut C/A @ 13°				

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA20-49

From	To	
150.2	174.3	**LITHOLOGY:** Mainly Siltstone with minor thin Interbeds of Silty Argillite This interval is approx 80% Siltstone
		COLOR: Siltstones are grey to lite grey, Argillite-silty Argillite gen. Dark grey.
		PRIMARY STRUCTURE: Gen. med to thick bedded, with Some narrow thin bedded intervals, Bedding typically wavey due to load casts, Some scattered Rip-up Clasts. Bedding to C/A @ 153.8 = 70°, @ 156.3 = 67°, @ 163.5 = 65°, @ 169.5 = 66°
		TECTONIC STRUCTURE: 162.4 to 163.1 Fault Zone Cuts C/A at 18°
		GENERAL ALTERATION: Regional Alt. over printed by late Silicification, with scattered Bands & patches of late Calcareous, Sericitic, Biotitic alteration, gen. with rare Small anhedral pink garnets. @ 170.8 thin shear zone Cuts C/A @ 18°

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 20-49

From	To	
174.3	182.2	**LITHOLOGY:** Mainly Silty Argillite & Calcareous Silty Argillite Interval is 60% Calcareous Argillite.
		COLOR: Lite Grey Banded Reddish Brown
		PRIMARY STRUCTURE: thin to very thin Bedded, The Bedding is flat-Sharp, Very fine grain Seds. Bedding to C/A @ 177.6 = 65°
		TECTONIC STRUCTURE: NIL.
		GENERAL ALTERATION: Regional Sericitization, the Calcareous Silty Argillite Beds are Strongly Biotitic & & Sericitic

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Some rare very finely diss. Pyrrhotite in Calcareous Beds.

SAMPLE #	From	To	Length

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA20-49

From	To	
102.2	238.5	**LITHOLOGY:** Silt Stone interbedded Silty Argillite 70 % of interval is Siltstone. 208.8 to 211.0 one massive Calcareous Qtzite, @ 213.0 4cm thick marker Bed 'FRINGE' (matched-)
		COLOR: Siltstone Beds gen. grey to lite grey, Silty Argillite is grey to dark grey
		PRIMARY STRUCTURE: Med. to thin Bedded, rare thick Beds, Bedding is gen. wavy, But locally it is flat & Sharp 208.8 to 211.0 one Coarse grained Quartzite fining upwards, Silty Argillite Beds are commonly finely Parallel Laminated. Bedding to C/A @ 190.7 = 61°, @ 213.0 = 63°, @ 238.0 = 63°
		TECTONIC STRUCTURE: @ 188.0 thin shear cuts C/A @ 25°, Bedding Parallel fault 238.5 to 239.0 Some Soft Fault Gouge.
		GENERAL ALTERATION: Siltstone Beds, are in part Calcareous and Strongly altered to Sericite with relatively abundant anhedral Pink garnets, Nearly all the Siltstone Beds are Silicified 208.8 to 211.0 Coarse grain Quartzite, is strongly Calcareous, Strongly Biotitic & Sericitic. NOTE: G

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length					
rare diss. Pyrrhotite									

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA20-49

From	To	
238.5	262.8	**LITHOLOGY:** Siltstone minor interbedded Argillite, and Calcareous Silty Argille. Interville is 80% Siltstone,
		COLOR: Siltstone Beds gen. dark grey, Silty Argillite Bed- Reddish Brown
		PRIMARY STRUCTURE: Mainly med. to thick and very thick Bedded Siltstone, with distinct wavey Bedding planes, gen due to Soft Sed-deformation, load cast, flame structures etc. Silty Argillite-Argillite bed are gen thin bedded, very fine grained & Commonly parallel laminated, Bedding is tabular + Sharp. Bedding to C/A @ 244.8 = 60°, @ 250.1 = 61°, @ 254.0 = 57°
		TECTONIC STRUCTURE: Widely scattered Cleavage @ 17° to CA & @ 27° to C/A, 27° cleavage is youngest.
		GENERAL ALTERATION: Regional Biotite & Sericite, with patchy silicification, Calcareous beds are strongly Biotitic & Sericitic, and Commonly garnetiferous (gen. small pink & Euhedral.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length
5mm thick Barren Biotite, Calcite, Quartz veinlets cut C/A @ 26° @ 240.0			

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 20-49

From	To	
262.8	313.5	**LITHOLOGY:** Mainly Siltstone, with scattered interbeds of Silty Argillite and Calcareous Silty Argillite
		Interval is 75% Siltstone. 262.8 to 266.0 Main Calcareous Silty Argillite
		COLOR: grey, dark grey & Dark Brownish grey
		PRIMARY STRUCTURE: Gen. Med. to thick Bedded, with narrow interbedded sequences of very thin to thin Bedded Argillite & Silty Argillite. Siltstone Bedding is wavy and indistinct, Silty Argillite bedding is sharp & Flat and Commonly finely parallel laminated. Silt Stone Beds are gen fine to med. grain.
		Bedding to C/A @ 274.=58°, @ 293.0 = 62°
		TECTONIC STRUCTURE: Thin bedding parallel shear @ 274.3 @61° to C/A
		@ 295.7 a 10cm thick Calcite healed Breccia Zone cuts C/A @ 72°
		GENERAL ALTERATION: Regional, Calcareous Silty Argillite, Commonly Strongly Biotitic & Sericitic, with rare weakly diss. tiny pink garnets. Siltstone Beds also host this type of Calcareos, Biotite, Sericite garnet alteration But as Bands and patches

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 20-49

From	To	
313.5	to 322.0	**LITHOLOGY:** Siltstone, rare interbeds of Silty Argillite Interval is 85% Siltstone
		COLOR: lite grey
		PRIMARY STRUCTURE: Thick to very thick Bedded, Bedding is wavy, But is gen indistinct Gen. med. grained.
		TECTONIC STRUCTURE: NIL.
		GENERAL ALTERATION: Intensely Silicified + Sericitized.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA20-49

From	To	
322.0	385.0	**LITHOLOGY:** Siltstone interbedded, Silty Argillite, Argillite and Calcareous Silty Argillite, this interval is 70% Siltstone approx 5% of this interval is Silty calcareous Argillite
		COLOR: Gen. Banded, Grey, Darkgrey and Brownish grey Calcareous Silty Argillite
		PRIMARY STRUCTURE: Gen. Med. to thin Bedded, Some thick Bedded and Some Thin and Very Thin Beds Gen. Bedding gen distinct Some Wavy & Some flat-Sharp., flame structure, Ball & Bellow and Soft Sed. micro-folds. Bedding to C/A 326.3 = 61°, @ 341.5 = 51°, @ 364 = 54° @ 378.14 = 56°
		TECTONIC STRUCTURE: Rare cleavage @ 15° to C/A, 339.44 to 341. Shear zone, with good Slicken Sides Cuts C/A @ 24°, 369.0 to 370.0 Core is Badly Broken and rubbly, only trace of soft gouge.
		GENERAL ALTERATION: Gen. Regional alteration, Silicification, Brittization & Sericitization.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

361.0 to 363.0, irregular Semicular Quartz, Calcite, veinlets, rarely more than 1 cm thick Host Massive Blebs of Pyrrhotite & Sphalerite
@ 372.9 1 cm thick tension crack Vein hosts Calcite-Quartz & pyrrhotite cut C/A @ 8°

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

Page # 10 of

HOLE #: VA 20-49

From	To	
385.0	to 401.7	**LITHOLOGY:** Silty Argillite. SULLIVAN HORIZON 10 % of this interval is Calcareous.
		COLOR: Dark grey to Black, locally finely Laminated Lite grey
		PRIMARY STRUCTURE: Med. thin and Very thin Bedded, Bedding is distinct, gen. Very finely parallel Laminated Silty Argillite
		Bdding to C/A @ 391.0 = 61°
		TECTONIC STRUCTURE: NIL.
		GENERAL ALTERATION: Regional fine Biotite & Sericite, Calcite forms tiny white specks in Some of these fine Silty Argillite Beds. (Primary or late Calcite?)

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

385.8 to 387.7, 2 to 4 mm thick, Tension crack Veinlets cut C/A @ 37°, 25°, & 18°, (4 only Veinlets) host Mass. Pyrrhotite, these Veinlets are magnetic + Conductive
398.8 to 399.0 5 Massive Pyrite Beds from 1mm to 10m thick, and one 5cm thick Quartz-pyrite Bedding parallel Vein, all host minor orange-brown Sphalerite (not Mag. not Conductive.
@ 401.2, 10cm thick Zone of strongly diss. Pyrrhotite, is magnetic But is not Conductive.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA20-49

From	To	
405.7	478.0	**LITHOLOGY:** Silty Argillite, minor thin Interbeds of Argillite GOOD LOWER ALDRIDGE FM. 436.0 to 440 Siltstone thus interval is 98% Silty Argillite
		COLOR: Rhythmically Banded Lite grey or white and Dark marronish grey
		PRIMARY STRUCTURE: Thin to Very Thin Bedded, Bedding is Tabular & Sharp. The lite grey are commonly structure less, the marronish Dark grey Beds, are typically finely Parallel Laminated, all are Very fine grained. 436.0 to 440.0 Siltstone unit is med. grain and thick Bedded. Bedding to C/A @ 419.0 = 60°, @ 421.7 = 57°, @ 449.0 = 60°, @ 450.25 = 57°, @ 461.0 = 59°, @ 483.3 = 64,
		TECTONIC STRUCTURE: 406.28 to 406.65 (10cm Core loss) Fault Zone Cut C/A at 29°, @ 429.0 thin Shear @ C/A @ 25°, @ 423.2 1cm thick Bedding parallel Breccia Zone C/A @ 60°, 425.0 to 443.5, Cleavage parallel to C/A Common; Cleavage to C/A @ 428.2 = 20°, @ 434.6 = 19°, @ 439.43 = 23°, @ 451.79 = 32°, 457.0 = 32°, @ 465.0 = 15° & 27°, @ 472.65 = 22° & 46° Shear Zones to C/A (Gen thin) @ 446.0 = 52, @ 463.5 = 64.) Cleavage to C/A @ 478.1 = 19° @ 485.5 = parallel to C/A.
		GENERAL ALTERATION: Regional fine Recrystallization, Sericitization and Spotty Silicification

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA20-49

From	To	
478.0	501.3	**LITHOLOGY:** Siltstone, minor interbed of Silty Argillite. Interval is 80% Siltstone.

COLOR: Lite grey, white specked Beds grading to Dark Reddish grey Beds.

PRIMARY STRUCTURE: mainly med. to thick Bedded, Bedding is endistinct, to distinct, grain size? Due to Alteration.

Bedding to C/A @ 484.0 = 58°

TECTONIC STRUCTURE: — widely Scattered cleavage parallel to C/A. @ 490.8 5mm thick, Bedding Plan Shear

GENERAL ALTERATION: Beds are gen. Silicified, thick Bands of intense fine Brotitization speckly by late calcite + Sericite, 35% of this interval is Calcareous.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length				

@ 490.5, 1mm thick at 90° to CA hosts specks of Sphalerite

ADDITIONAL OBSERVATIONS:

Drill Hole Record: 607.5 637

HOLE #: VA 20-49.

From To	
501.3-586.0	LITHOLOGY: Mainly Silty Argillite, minor Siltstone 80% of interval is Silty Argillite Good Lower Aldridge Seds
	COLOR: Gen. Dark Reddish Brown grey, locally overprinted by lite greenish grey alteration
	PRIMARY STRUCTURE: Mainly thin to very thin Bedded, Bedding is Sharp and Tabular
	Bedding to C/A @ 501.8 = 58°, @ 515.6 = 57°, @ 528.3 = 53°, @ 531.0 = 59, @ 537.7 = 58, @ 549.8 = 61, @ 554.9 = 62, @ 573 = 57° @ 589.2 = 59°
	TECTONIC STRUCTURE: 524.7 to 528.0 Baddly Broken ground Due Strongly Developed Shearing parallel to Core. cleavage C/A at 523.0 = 23°, this cleavage is common through-out this Int., 541.8 Bedding parallel fault @ 535.9 cleavage = 10° to C/A, @ 544.9 Bedding parallel fault 10cm of soft gauge, 550%, 550 to 551.0 Shear Zone Parallel to C/A., @ 562.6 Clea. 23° C/A, clear. @ 582.9 = 40
	GENERAL ALTERATION: Regional alteration overprinted by late, lite green Silicification & fine Sericitization from 501.3 to 512.7 Stae.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length					
rare diss. Pyrrhotite & Pyrite									

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA20-49

From	To	
586.9	607.6	**LITHOLOGY:** Siltstone, rare Silty Argillite interbeds Int. is 80%. FWQ
		COLOR: light grey Beds + Dark Brownish grey Beds
		PRIMARY STRUCTURE: mainly thick Bedded, Bedding gen. indistinct and vaguely distinct.
		Bedding to C/A @ 591.3 = 60, @ 604.0 = 59
		TECTONIC STRUCTURE:
		Cleavage to C/A @ 589 = 41°,
		GENERAL ALTERATION: approx 60% of this interval is Calcareous, with dark Brown Biotite & specks of Sericite.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:
		Some Patch of diss-Pyrite in the fault-zone.
		@ 595.7 narrow Veinlet Cuts C/A 41° host Pyrite.

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 20.49

From	To	LITHOLOGY:
607.6	to 704.38	Sunday Fault

COLOR:

PRIMARY STRUCTURE: Distroyed.

TECTONIC STRUCTURE: Fault cuts C/A @ 6° good contact in Core, fault Consists of Coarse and fine Breccia, with lithified, and Soft gouge matrix, within the fault Zone there are large Blocks Undeformed Seds, with distinct Bedding planes, that cut C/A at the Same angle as the Seds. on The H.W & F.W. of the Fault Zone, - These Blocks are as follows;

~~GENERAL ALTERATION:~~ 623.26 to 624.5 - Bedding 54, 628.37 to 629.8 - Bedding 60°, 644.0 to 647.6 Bedding = 63°, 652.24 to 654.15 Bedding = 62°, 669.2 to 669.9 Bedding 66°
Late Cleavage at base of Sunday fault 20° to C/A.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Weak diss. of Pyrite occur locally in the Fault Breccia

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 20-49

From	To	
704.3	740.4	**LITHOLOGY:** Silty Argillite, Minor Argillite and Siltstone Int is 90% Silty Argillite Group Lower ALD. FM Sed.
		COLOR: Reddish Dark Brown, Banded grey & lite grey.
		PRIMARY STRUCTURE: Thin to Very thin Bedded, Sharp, Tabular Bed plans
		Bedding to C/A @ 708.8 = 56°, @ 717.43 = 63°, @ 721.2 = 57°, @ 734.9 = 60°, @ ~~70~~
		TECTONIC STRUCTURE: 704.3 to 721.0 Strongly crackle Brecciated.
		GENERAL ALTERATION: Crackle Breccia and F.W Seds are intensely Silicified to 729.0, Breccia is healed by white Sericite, rare Calcite; Cleavage to C/A @ 702 = 20°, @ 705 = 15° & 41°, @ 720.6 = 28°, @ 737.2 = 27° Shearing to C/A @ 704.3 = 6°, @ 711.4 = 51°, @ 721.2 = 57°

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

Some Weak Pyrite min. in Some of the Crackle breccia fractures

ADDITIONAL OBSERVATIONS:

Drill Hole Record: 821.0 to 838 Lower Ald type Seds

HOLE #: VA 20 - 49

From	To	LITHOLOGY:
740.4	855.0	Siltstone: minor interbeds of Argillite - Silty Argillite 80% of interval is Siltstone Footwall Quartzite: 827.8 to 838.0 Lower Ald type Seds

COLOR: Dark grey with widely scattered Bands of lite grey (Argillite)

PRIMARY STRUCTURE: Mainly Med to thick Bedded, with some narrow med. to thin Bedded sequences.
Bedding planes are wavy, wispy and locally flat; Commonly Bedding is somewhat indistinct

Bedding to C/A @ 744.5 = 63°, @ 750.4 = 51°, @ 761.4 = 60°, @ 771.9 = 55°, @ 774.5 = 61°, @ 789.2 = 53°, @ 809.4 = 56°, @ 829.6 = 66°, @ 836 = 47°

TECTONIC STRUCTURE: Cleavage to C/A @ 750.0 = 47°-31°, @ 755.23 = 15° abund., @ 765.77 = 24°, @ 778.0 = 26°, @ 831.0 = 13°
793.2 to 794 Fault Breccia, lots of Soft gouge out C/A @ 46° or 25°?. 797.8 to 799.0 Fault Zone, abund. Soft gouge Contacts destroyed By Drilling, 811.8 to 814.0 Fault Zone lots of Soft gouge + Breccia C/A @ 3°, 847.8 to 849.0 Fault Cuts C/A @ 9°
Thin Shears, out C/A @ 821 = 29°, @ 825.5 = 43°, @ 829.0, parallel to Bedding, 845.2 to 855.0 Strongly Crackle Brecciated

GENERAL ALTERATION: Siltstone Beds are intensely Silicified and weakly Carbonaceous (anhedral Pink)
Argillite - Silty Argillite interbeds are totally altered to Sericite, with minor Biotite, The intense silicification is associated with weak fine Biotite + Sericite, as weakly speckly By Late Calcite.
846.0 to 855.0 Strongly Silicified

838
821

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

Weak Pyrite in Hair line irregular veinlet are Common in Fault Breccia.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA20-49

From	To	
855.0	928.0	**LITHOLOGY:** Sulfidy Argillite, minor Argillite interbedded (Good Lower Aldrich Seds.) C Gabbro Sill good Contacts Fine to med xtln, gabbro appears to be Fresh 855.0 to 871.8, 902.6 to 907.0 Gabbro Sill.
		COLOR: /
		PRIMARY STRUCTURE: mainly Thin to very Thin Bedded, Bedding Sharp and flat.
		Bedding to C/A @ 851.7 = 57°, @ 873.5 = 65°, @ 884.9 = 64°, @ 900.7 = 62, @ 916.8 = 65, @ 921.7 = 69°
		TECTONIC STRUCTURE: 875.0 to 877.5 Fault cuts C/A @ 18°, cleavage to C/A = 44, @ 888.18 = 23°, Fractures to C/A @ 872.3 = 39° & 49°
		@ 878.9 = 26° younger, 63° older, @ 892.33 fractures @ 11° & 9°, @ 896.7 = 24°
		GENERAL ALTERATION: 877.5 to 579.6 patchy Albitization with fine reddish Brown Biotitization, cut by Thin irregular Quartz-Calite, minor pyrite veinlets
		Fracture to

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Hole Record:

HOLE #: VA 20-49

From	To	
929.0	1000.2	LITHOLOGY: Gabbro Sill upper Contact Wavy, But Parallel to Bddg.
END		NOTE: Hole Stoped Due to Stuck Rods, Rods Blasted off, 2.0 meters Rods left in Hole: 2 Meter Rod in Bottom of Hole, top of steel, approx. @ 999.0 m.
		COLOR: Green with White Veins
OF		~~PRIMARY STRUC~~TURE: Texture; Gen. Coarsely xtln.
HOLE		

TECTONIC STRUCTURE:

GENERAL ALTERATION: 929.0 to 931.0 Mainly Foliated, Calcite, Biotite and ragged grains of Quartz, with weakly diss. pyrrhotite. foliation is parallel to Gabbro Contact.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

931.7 to 932.0 Quartz-Calcite Vein cuts C/A @ 35° hosts thin Bands of pyrrhotite - scattered Blebs of pyrrhotite is magnetic and Conductive.

946.0 - 948.0 Quartz - Calcite Vein cuts C/A @ 45°, host wispy layer of Chlorite + Biotite that are parallel to Vein Contact

Calcite - Quartz Veins, Veins have a mylonite texture with round to ragged grains of Quartz in calcite matrix, These Veins are 85 % Calcite and are Barren of Sulphides

Thickness + C/A of Veins as follows; 969.0 to 969.3 C/A 50°, 974.19 to 974.8 = 52°,

ADDITIONAL OBSERVATIONS:

DRILL HOLE RECORD

PROPERTY: Vine		HORI. COMP: 69.25 m.	HOLE#: VA20-50
LOCATION:		VERT. COMP: 791.57 m.	LENGTH: 794.6
COMMENCED: Jan 28	COMPLETED:	CORR. DIP:	
COORDS: Long.	Lat.	TRUE BEARING:	DRILL CONTRACTOR: F+B Drilling
COORDS: UTM (E) 585788 E	(N) 5473845 N (EL)	% RECOVERY:	CORE SIZE: NQ
COORDS: Grid (E)	(N) (EL)	LOGGED DATE:	CASING: 9.7 m.
ELEVATION: 1035 m.	COLLAR: Dip: -90° Azi: —	LOGGED BY: D. Hughes	CORE STORAGE: VINE

OBJECTIVE:

SURVEYS: Depth: Dip: Azi: Type:

Additional SURVEYS: Depth:	Dip:	Azi:
24.0	-89.2	213.0
102.0	-87.9	155.2
202.0	-87.2	142.5°
299.9	-86.8	143.0
400.0	-86.1	141.7
518.0	-85.1	141.0
602.0	-84.8	142.5
699.48	-84.5	146.8
791.0	-84.0	142.5

Imperial ☐ Metric ☐

From To

LITHOLOGY: Mainly Siltstone interbedded Silty Argillite & Tessor Argillite.

9.7- 78.0 This Int. is approx 60% Siltstone " " "

9.7 to 12.25, Cored overburn. Thin Marker Bed @ 20.3 FRINGE,

COLOR: Tan Grey.

PRIMARY STRUCTURE: Mainly med, thin and very thin bedded, But thick to very Thick Siltstone Beds from, 24.5 to 26.7 & from 29.4 to 33.3, Bedding is gen. distinct But Distorted by Soft Sed. deformation, Bedding to C/A @ 12.8 = 60°, @ 37.3 = 63, @ 54.49 = 63, @ 77.4 = 65°

TECTONIC STRUCTURE: Fault Zone from 57.3 to 58.7 cuts C/A @ 19°, Consists mainly of Soft gouge Fault Zone 60.9 to 61.5 Cut C/A @ 27°, from 56.0 to 78.0, Core is mainly Broken + Rubbly, Cleavage to C/A @ 33.3 = 27°, @ 64.65 = 20°, fract to C/A @ 15.6 = 7°, @ 20.85 = 19, @ 49.0 = 25° at 75.0 = 19° oldest + 33°.

GENERAL ALTERATION: Region Biotitization, Sericitization

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Qtz-Calcite Vein 5cm wide cut C/A @ 16°, Host Rock of pyrrhotite

SAMPLE#	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA20-50

From	To	
78.0	94.8	LITHOLOGY: Mainly Siltstone, rare silty Argillite Int is 85% Siltstone
		COLOR: Grey
		PRIMARY STRUCTURE: Mainly thick and very thick Bedded, Bedding is indistinct
		Bedding to C/A @ 96.0 = 57°, @ 103.5 = 64°
		TECTONIC STRUCTURE: Fault Zone 10 cm thick, mainly Brecciated Seds in Soft gouge Cuts C/A @ at 79.5, @ 29.0° Fault Zone @ 80. cuts C/A @ 55°, is 20 cm thick consists of Soft gouge & Brecciated Seds. 78.0 - 94.8 Core is Gen. Broken & Very Rubbly, Cleavage @ 84.8 = 22°, @, frac. @ 88.9 = 6°
		GENERAL ALTERATION:

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA20-50

From	To	
94.8	128.8	**LITHOLOGY:** Siltstone interbedded Silty Argillite and Argillite. Int. is 70% Siltstone ~~#~~ @ 100.0 10cm thick Marker Bed 107.4 - 108.2. Calcareous Quartzite - VAL MARKER BED @ 109.6 MATCHED TO STD.
		COLOR: Shades of Grey.
		PRIMARY STRUCTURE: Med, thin & very thin Bedded. Bedding is gen Sharp and tabular - re Silty Argillite Bed rewy and distorted Re: Siltstone Beds, 107.4-108.2 Calcareous Quartzite, is Coarse grained, Mature to Submature Quartz Sand in a Calcareous matrix. Bedding @ 103.5 = 64°, Bedding to C/A @ 125.8 = 62°
		TECTONIC STRUCTURE: Fault Zone. 112.6 to 113.0 Cuts C/A @ 21° Consists mainly of Soft gouge. cleavage @ 114.9 = 33° to C/A.
		GENERAL ALTERATION: Regional, rare Anhedral Pink garnets

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA20-50

From	To	
128.8	143.0	**LITHOLOGY:** Mainly Siltstone 132.7 to 134.2 mainly Silty Argillite interbedded Argillite Interval is 85% Siltstone
		COLOR: Shades of grey.
		PRIMARY STRUCTURE: Mainly Thick to Very Thick Bedded, argillite Bed top, gen distorted by Soft. Sed. deformation, Bedding is distinct by wavy to distorted. 132.7 to 134.2 is very thin Bedded, tabular Silty Arg. & Arg. Bedding is Sharp + flat.
		TECTONIC STRUCTURE: Cleavage @ 135.0 = 44, fracture at 139.6 = 7°
		GENERAL ALTERATION: Regional Alteration overprinted by late Silicification-Sericitation of the Siltstone Beds.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: rare diss Pyrrhotite & pyrite

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 20-50

From	To	
143.0	179.7	**LITHOLOGY:** Siltstone Interbedded Argillite Interval is 60% Siltstone 155.2 to 166.2
		COLOR: Shades of grey.
		PRIMARY STRUCTURE: Mainly med to thick Bedded, Some Thin Beds 155.2 to 166.2 mainly thin to Very Thin Bedded Silty Argillite with Tabular Bedding, Siltstone Bedding is Wavy to distorted by shear. Soft Sed deformation: 174.5 to 178.0 Thin to Very Thin bedded Argillite ~~and~~ Silty Argillite. Bedding to C/A @ 152.6 = 66°, @ 175.5 = 66°
		TECTONIC STRUCTURE: Cleavage @ 155.9 cut C/A @ 31° fracture @ 11°
		GENERAL ALTERATION: Regional, with most of The Siltstone Bed silicified by late alteration, Tiny garnets are rare.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

Some weak pyrrhotite-diss.
Qtz Veni cuts C/A @ 23°, 1 cm thick with more Pyrrhotite Blebs.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

From	To	
179.7	265.2	

LITHOLOGY: Siltstone, rare thin sequences > 1.0 meter of thin Bedded. Argillite silty Argillite
this interval is approx 85% Siltstone

HOLE #: VA 20-50

COLOR: Shades of grey!

PRIMARY STRUCTURE: Gen. thick to Very thick Bedded Siltstone gen Bedding is indistinct
256.0 to 265.2 Med. to thin & Very Thin Bedded good Sharp, tabular Bedding

Bedding to C/A @ 192.8 = 67°, @ 245.7 = 66°, 260.9 = 60°

TECTONIC STRUCTURE: @ 200.9 Cleavage to C/A = 33°, @ 206.3 fractures cut C/A @ 11°
Fault Zone 231.58 to 232.6 = 7° to C/A, Some Soft gauge, fault is approx. 4cm wide.
Cleavage to C/A @ 235.3 = 26°, @ 251.3 = 20°

GENERAL ALTERATION: Siltstone Beds are intensely Silicified & Sericitized and Some Beds are weakly Calcareous.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

185.0 to 205.2 Widely Scattered Quartz - Calcite Vein with Coarse Biotite Salvages, 3 to 4 cm thick
Cut C/A at 8° + 15°; host rare Bleb of Pyrrhotite
@ 188.4 10 cm thick Qtz. - Calcite, with Coarse Black Biotite Salvages on Contacts Cuts C/A @ 7°
@ 240.3 Qtz - Calcite 7.5 cm wide host large bleb of pyrrhotite

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 20-50

From	To	
265.2	281.7	LITHOLOGY: Silty Argillite "SULLIVAN MUDS"

COLOR: Gen. Dark grey to Black.

PRIMARY STRUCTURE: Med, thin & very thin Bedded, Bedding is distinct & Tabular, very fine grained Silty argillite that is typically very finely parallel laminated

Bedding to C/A @ 278.5 = 62°

TECTONIC STRUCTURE: NIL

GENERAL ALTERATION: Regional Sericite, No Biotite, with late Rare tiny white specks of Calcite. rare patchy Silicification

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

@ 272.5, 4mm thick Pyrrhotite Veinlet (Magnetic) and Conductive.
Very rare paper thin pyrrhotite lamina, occurs in this interval. No more than 5 or 6 of them. These are magnetic & Conductive.
276.6 - 276.7 Strongly diss. Pyrrhotite, Magnetic, Not Conductive.
@ 278.0 10cm thick zone of Strongly diss. pyrrhotite, is magnetic, Not Conductive.
Very rare Tiny specks of Sphalerite occur throughout this interval.

ADDITIONAL OBSERVATIONS:

Drill Hole Record: crackle

HOLE #: XA 20-50

From	To	
281.7	442.2	**LITHOLOGY:** Mainly Silty Argillite, with rare Siltstone Interbeds. GOOD LOWER ALDRIDGE F.M.

COLOR: Banded Grey, light grey & Reddish grey

PRIMARY STRUCTURE: Mainly thin to Very Thin Bedded, rare med. Beds, Bedding is Sharp & flat, minor Soft Sed. Deformation i.e. Ball & Pillow.

Bedding to C/A @ 290.1 = 63, @ 315.0 = 61°, @ 336.6 = 67°, @ 366.8 = 60°, @ 389.0 = 62, @ 442.5 = 49°

TECTONIC STRUCTURE: Cleavage to C/A @ 282 = 18°, @ 293.4 = 14° Fractures to C/A @ 296.6 = 25° older & 34°
338.0 - 344.0 weakly crackle Brecciated, thin Shears cut C/A @ 323.1 = 53°, @ 343.9 = 56°, @ 381.2 fault, 10cm thick cut C/A @ 21°, Strongly developed Cleavage @ 347.0 @ 28° to C/A.

GENERAL ALTERATION: Regional - Biotitization & Sericitization, 30% of the Silty Argillite Beds are weakly Calcareous, and 70% of the Silty Argillite Beds are Silicified.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

386.0 - 386.4 Quartz - pyrrhotite - minor ilmenite cuts C/A @ 25°, Vein is Conductive & Magnetic.
363.5, Hairline fracture, hosts tiny xtls of sphalerite (Black Jack)
428.4 to 435.0 widely scattered tension crack Veinlets, rarely more than 4mm, host pyrite & rarely Pyrrhotite

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 20-50

From To	
443.2-603.9	LITHOLOGY: Footwall Quartzite, Mainly Silicified Siltstone
	471.0 to 494.0 Lower Aldridge type Seds \ 75% Siltstone /
	452.3 to 453.8 Silty Argillite, gen. very finely Laminated:
	COLOR: Grey to Dark grey, Banded by lite green.
	PRIMARY STRUCTURE: Gen Med to Thick Beds of Siltstone, Bedding is indistinct,
	Bedding to C/A = 547.2 = 60°, Bedding to C/A @ 593.8 = 64°
	Bedding to C/A @ 452.8 = 52°, @ 463.4 = 61°, @ 428.0 = 59°, @ 485.7 = 64°, @ 509.7 = 58, @ 523.0 = 58, 547.3 = 60°, 571.8 = 64, 581.2 = 62°
	TECTONIC STRUCTURE: 443.8 to 458.0 Highly Brecciated Rubbly Core, 458.0 – 459.8 Fault Zone cuts C/A @ 40°,
	Consists of highly Brecciated Seds & Qtz. Veins, with minor soft fault gouge, Cleavage to C/A @ 453.9 = 49°,
	fractures to C/A = @ 450.0 = 32° + 15°, @ 497.7 = 18°, clear to C/A @ 477 = 26°, @ 516.2 = 58°, @ 527 = 28°, @ @ 550 = 26°, @ 576.6 = 32°
	@ 585.4 = 26°
	GENERAL ALTERATION: 523.0 to plus 584.0 abund. late lite green sericitization overprints Silicified (Regional)
	Siltstone Beds, Some widely Scattered Anhedral pink garnets.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length					
@ 465.4 - 10 cm thick Qtz. Vein cut C/A @ 12° Barren.									
480.7 to 482.5 Qtz. Vein cuts C/A @ 8°, hosts Some large Blebs of Pyrrhotite									
@ 570.7, 2cm x 4cm. Qtz Vein, hosts pyrrhotite + rare sphalerite									
@ 574.0, 20cm thick Biotite-calcite Concretion hosts rare sphalerite									
590.1 to 591.7 Barren Qtz. Biotite-calcite vein cuts C/A @ 11°.									

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 20-50

From	To	
603.9	744.0	**LITHOLOGY:** Mainly Selty Argillite. Lower ALDRIDGE F.M.

Gabbro - Sill 654 to 657.0, Gabbro Sill 675.2 to 702.4

COLOR: Dark reddish grey (Tuscan Brown) Banded in part by late green alteration,

PRIMARY STRUCTURE: Mainly thin to very thin Bedded, rare med. Beds, Bedding is sharp and tabular

Bedding @ 610 to C/A = 66°, @ 614.9 = 65°, @ 632.7 = 65°, @ 664.5 = 68°, @ 703.1 = 70°, @ 736.8 = 69°, @ 741.0 = 54°

TECTONIC STRUCTURE: Fractures to C/A @ 606.9 = 13°

GENERAL ALTERATION: Regional Biotitization, Sericitization, Scattered late Bedding parallel Bands of Calcite, Biotite + Qtz. with diss. Pyrrhotite, 617.5 to 623.0 abund. Bands of late late green Sericitization, 616.5 to 625.0 abund. tiny 2mm Beige Qtz. Calcite - Biotite micro - Concretion. That are pre - Sericite alteration
@ 623 & 628.8 30cm thick Bands of late Bedding parallel, Calcite, Qtz. & Pyrrhotite alteration.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length

@ 606.0 10cm thick, bedding parallel Band of Biotite, Calcite, Qtz alteration Hosts dissemination and Blebs of pyrrhotite, Magnetic in Spots.

thin Sec. NO. VA20-50 - 639.6

@ 560.2 1cm thick Bedding parallel Band of Biotite, Calcite, Qtz. Alt. Host diss. pyrrhotite & rare chalcopyrite
@ 604.0 5cm " " " " " " " " " " " "

→ The Following alteration Zones are all Bedding Parallel, they Consists of intense white sericite with sand sized Qtz. Some Blebs of Calcite, rarely Biotite, thin Salvages (1cm thick or less) of Albite - with rare euhedral Rank garnets, Pyrrhotite occurs in all of these alteration Zones, gen. diss. 5% to 40% by Vol. These Zone are located as follows 634.0, 5cm thick, weakly Magnetic, @ 635.7, 5cm thick weakly Magnetic. at 637.9 20cm thick abund. Pyrrhotite, Strongly Magnetic + Conductive, @ 638.5, 10 cm thick, Magnetic at 639.8 5cm thick diss. Pyrrhotite Magnetic, @ 645.9 = 5cm thick Mainly Biotite & Pyrrhotite, Magnetic ←
@ 663.4 15cm thick diss. pyrrhotite, Magnetic. No. VA20-50 - 645.9m
@ 692.6 3cm thick Qtz. Vein

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

128
14
142.

HOLE #: YA 20-50

From	To	
740	794.6	**LITHOLOGY:** Gabbro Sill.
		COLOR: Green Speckled white, to Black Speckled White from 790.9 to 794.6
		~~**PRIMARY STRUCTURE:**~~ Texture: Gen. Coarse to Very Coarsely xtln.
END		
OF		**TECTONIC STRUCTURE:** N.L.
HOLE		Clinozoisite
		GENERAL ALTERATION: 778.2 to 778.8 deft. Zone Consisting of mainly Albite, Clinozoisite and Hornblende.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

DRILL HOLE RECORD

PAGE #: 1 of

PROPERTY: VINE

LOCATION: Same Collar as VA-19-49

COMMENCED: Feb. 26, 2020 COMPLETED: Feb. 29 2020

COORDS: Long. Lat.

COORDS: UTM (E) 585576.E (N) 5473663N (EL)

COORDS: Grid (E) (N) (EL)

ELEVATION: 1050.0 Meters COLLAR: Dip: -45 Azi: 116.0°

HORI. COMP: 176.93

VERT. COMP: 176.93

CORR. DIP:

TRUE BEARING:

% RECOVERY:

LOGGED DATE: Feb 2020

LOGGED BY: D.L. Pighin

HOLE#: VA20-51

LENGTH: 250.23

DRILL CONTRACTOR: F&B Drilling

CORE SIZE: NQ

CASING: 1.5M.

CORE STORAGE: Vine

OBJECTIVE:

SURVEYS: Depth: Dip: Azi: Type:

Additional SURVEYS:	Depth:	Dip:	Azi:
	14.0	-46°	116.0°
	101.0	-43.5	117.0°
	201.0	-45.3	119.0°

Imperial ☐ Metric ☐

From To

1.5 to 34.6

LITHOLOGY: Mainly Siltstone, minor interbedded Silty Argillite. 1.5 to 2.4 Overburn. Interval is 70% Siltstone.

COLOR: Grey Banded lite grey.

PRIMARY STRUCTURE: Gen thick Bedded to Med. Bedded, Some narrow thin to Very thin Bedded Silty Arg. Sequences thickest from 33.0 to 34.6, Bedding on these intervals is flat & Sharp, Bedding on thick Siltstones is indistinct. Bedding to C/H = @ 10.0m = 70°, @ 31.9 = 67°,

TECTONIC STRUCTURE:

GENERAL ALTERATION: Regional fine Biotitization, Sericitization and Silicification, Rare tiny Anhedral Pink garnets

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE#	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 20-51

From	To	
34.6	to 49.9	**LITHOLOGY:** Mainly Silty Argillite and Calcareous Silty Argillite 50% of this interval is weakly Calcareous.
		COLOR: Gen. dark grey & Dark reddish grey, with rare lite grey Bands
		PRIMARY STRUCTURE: Gen. thin to Very thin Bedded, Bedding is distinct, gen wispy & wavy, rarely tabular. Beds are commonly distorted due to Soft Sed. deformation.
		Bedding to C/A @ 47.0 = 73°
		TECTONIC STRUCTURE: –
		GENERAL ALTERATION: Regional, Some rare tiny Anhedral lite Pink garnets

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 20-51

From	To	
49.9	to 68.6	LITHOLOGY: Siltstone interbedded Silty Argillite and rare Argillite 75% of interval is Siltstone, rare calcareous Beds.

COLOR: Dark grey Banded grey

PRIMARY STRUCTURE: Thick to very thick Bedded from 49.9 to 54.4, Med. to thin & Very thin Bedded to 68.6 Bedding is indistinct to Distinct, Bedding planes are highly distorted to soft Sed. deformation Structure, such as flame structure, Ball & Pillow, and small scale soft Sed. folding

TECTONIC STRUCTURE:

GENERAL ALTERATION: Regional, fine Biotitization, Sericitization and Silicification, with rare very Subhedral pink garnets.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 20-51

From	To	
68.6	76.0	LITHOLOGY: Calcareous Silty Argillite, Rhythmically interbedded Silty Argillite

COLOR: Dark Winish grey, Banded lite grey.

PRIMARY STRUCTURE: Mainly thin to very thin Bedded, some mod. Beds, Bedding is distinct and tabular. wine colored beds appear to be finely laminated due to finely diss. Carbonate & Sericite. the lite grey beds tend to be Massive.
Bedding to CA @ ~~47~~ 71.7 = 73°

TECTONIC STRUCTURE: thin fault Zone @ 81.6 = 43°

GENERAL ALTERATION: Regional Wine Colored beds are Silicified, with finely diss. Carbonate & Sericite in a fine biotite matrix, the lite grey Beds are mainly fine Sericite, with Quartz some fine Quartz after Selenite xtls.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Some very weak diss. Pyrrhotite.

SAMPLE #	From	To	Length					

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA 20-51

From	To	
76.0	191.6	**LITHOLOGY:** Siltstone interbedded Silty Argillite + Rare Argillite. est. 10% of the Siltstone Beds in this interval are Calcareous. est. 70% of this interval is Siltstone
		COLOR: Light grey and dark grey Beds
		PRIMARY STRUCTURE: Mainly Med. to thin Bedded, with Some Thick and very thin Beds, Bedding Plays are gen. wavey to locally tabular, Some Sed. deformation Zones gen narrow are Common throughout inter. Bedding to C/A @ 71.0 = 75°, 127.8 = 75°, 158 = 75°, @ 94.8 = 70°.
		TECTONIC STRUCTURE: 79.2 to 81.6, fault Zone Cuts C/A = 40°, consists of Soft gouge + Sed. Clasts, 124.66 to 126.3 Fault Zone cut C/A @ 45° Consists Soft gouge + Sed. clasts, 148.2 to 148.9 fault cuts C/A @ 25°, 153.4 to 154.0 Fault zone cuts C/A @ 30°, 158.8 to 159.7 Breccia Zone parallel to Bedding.
		GENERAL ALTERATION: Regional, Silicification, Sericitization, and Biotitization, with scattered Small Patches of Anhedral Small diss. Pink garnets, 177.0 to 191.6 Calcite and Quartz pseudomorphs after Selenite are abundant.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

SAMPLE #	From	To	Length					

at 99.8m 10 cm thick Quartz - Calcite Vein cuts C/A @ , hosts Some large Blebs of Pyrrhotite, and minor Specks of Chalcopyrite
@ 171.0 Quartz - Calcite Vein 5cm thick cuts C/A @ , Barren.

ADDITIONAL OBSERVATIONS:

Drill Hole Record:

HOLE #: VA20-51

From To	
191.6-250.3	LITHOLOGY: Gabbro Dyke. Dyke Contact is undulating But cuts C/A at approx 55°
END	COLOR: Dark Green
OF	~~PRIMARY STRUCTURE~~: TEXTURE Finely xtlz from 191 to 232.24, Med xtlz to 245.3, fine xtlz to 250.2.
HOLE	TECTONIC STRUCTURE: Fault 192.4 to 193.5, Cuts C/A at 10°, @ 195. Clast supported, calcite Healed Breccia Zone, 30 cm thick Cuts C/A @ 54°, @ 198.1 thin vuggy Breccia Zone cut C/A @ 10°, @ 204.3 thin vuggy Breccia zone cut C/A @ 10°, @ 222.8, 40cm long Breccia Zone cuts C/A @ 10°
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: @ 232.7 1 cm thick calcite Veni cuts C/A at 80° host small blebs of Sphalerite @ 233.4 5mm thick calcite Veni cuts C/A @ 50° host small Blebs of Sphalerite

SAMPLE #	From	To	Length

ADDITIONAL OBSERVATIONS:

drill_hole	sample_name	from	to	interval	type	note
VA14-01	2107201	565	565.3	0.3	core	slt, diss py
VA14-01	2107202	565.3	565.5	0.2	core	diss sph
VA14-01	2107203	565.5	566.7	1.2	core	slt arg, diss po
VA14-01	2107204	566.7	567.5	0.8	core	
VA14-01	2107205	567.5	568.4	0.9	core	
VA14-01	2107206	568.4	568.6	0.2	core	diss sph
VA14-01	2107207	568.6	569.6	1	core	
VA14-01	2107208	569.6	570.6	1	core	
VA14-01	2107209	570.6	571.6	1	core	
VA14-01	2107210	571.6	572.6	1	core	
VA14-01	2107211	572.6	573.6	1	core	
VA14-01	2107212	573.6	574.6	1	core	
VA14-01	2107213	574.6	575.6	1	core	
VA14-01	2107214	575.6	576.6	1	core	
VA14-01	2107215	576.6	577.5	0.9	core	
VA14-01	2107216	577.5	577.7	0.2	core	
VA14-01	2107217	577.7	578.5	1	core	
VA14-01	2107218	578.5	578.8	0.3	core	
VA14-01	2107219	578.8	579.8	1	core	
VA14-01	2107220	641	641.9	0.9	core	
VA14-01	2107221	641.9	642.2	0.3	core	
VA14-01	2107222	642.2	643.1	0.9	core	
VA14-01	2107223	643.1	643.3	0.2	core	
VA14-01	2107224	643.3	644.3	1	core	
VA14-01	2107225	644.3	645.3	1	core	
VA14-01	2107226	645.3	646.3	1	core	
VA14-01	2107227	646.3	647.3	1	core	
VA14-01	2107228	647.3	648	0.7	core	
VA14-01	2107229	648	648.3	0.3	core	
VA14-01	2107230	648.3	649.3	1	core	
VA14-01	2107231	649.3	650.3	1	core	
VA14-01	2107232	650.3	651.3	1	core	
VA14-01	2107233	651.3	652.3	1	core	
VA14-01	2107234	652.3	653.3	1	core	
VA14-01	2107235	653.3	654.3	1	core	
VA14-01	2107236	654.3	655.3	1	core	
VA14-01	2107237	655.3	656.3	1	core	
VA14-01	2107238	656.3	657.3	1	core	
VA14-01	2107239	657.3	658.3	1	core	
VA14-01	2107240	658.3	659.3	1	core	
VA14-01	2107241	659.3	660.3	1	core	
VA14-01	2107242	660.3	661.3	1	core	
VA14-01	2107243	661.3	662.3	1	core	
VA14-01	2107244	662.3	663.3	1	core	
VA14-01	2107245	663.3	664.3	1	core	
VA14-01	2107246	664.3	665.3	1	core	

VA14-01	2107247	665.3	666.3	1	core	
VA14-01	2107248	666.3	667.3	1	core	
VA14-01	2107249	667.3	668.3	1	core	
VA14-01	2107251	668.3	668.6	0.3	core	
VA16-09	3040003	440.56	441.5	0.94	core	sph V gabbro
VA16-09	3040004	441.5	442.5	1	core	sph in fracs
VA16-09	3040005	442.5	443.4	0.9	core	gabbro rare sph
VA16-09	3040006	443.4	443.9	0.5	core	sph in vein
VA16-24	2108912	236.7	237.7	1	core	
VA16-24	2108913	237.7	238	0.3	core	
VA16-24	2108914	238	239.2	1.2	core	
VA16-24	2108915	239.2	239.3	0.1	core	mass po
VA16-24	2108916	239.3	240.3	1	core	
VA16-24	2108917	240.3	241.3	1	core	
VA17-25	2108929	458.3	459.3	1	core	
VA17-25	2108930	459.3	460.3	1	core	
VA17-25	2108931	460.3	461.3	1	core	
VA17-25	2108932	461.3	462.3	1	core	
VA17-25	2108933	462.3	463.3	1	core	
VA17-25	2108934	463.3	464.3	1	core	
VA17-25	2108935	464.3	465.3	1	core	
VA17-25	2108918	480	481	1	core	
VA17-25	2108919	481	482	1	core	
VA17-25	2108920	529	530	1	core	
VA17-33	2107190	657	658	1	core	
VA17-33	2107191	658	659	1	core	
VA17-33	2107192	668	669	1	core	
VA17-33	2107193	669.7	670.7	1	core	
VA17-33	2107194	689	690	1	core	
VA17-33	2107195	824	825	1	core	
VA17-33	2108901	888.5	889.1	0.6	core	
VA17-33	2108902	889.1	890.5	1.4	core	
VA17-33	2108903	890.5	891.5	1	core	
VA17-33	2108904	891.5	892.5	1	core	
VA17-33	2108905	892.5	893.5	1	core	
VA17-33	2108906	893.5	894.5	1	core	
VA17-33	2108907	894.5	895.5	1	core	
VA17-33	2108908	895.5	896.5	1	core	
VA17-33	2108909	922.5	923	0.5	core	
VA17-33	2108910	928.38	928.9	0.62	core	
VA17-33	2108911	928.9	929.9	1	core	
VA18-34	2108922	531.2	532.2	1	core	rare sph
VA18-34	2108923	532.2	533.2	1	core	
VA18-34	2108924	533.2	534.2	1	core	
VA18-34	2108925	534.2	535.2	1	core	some sph
VA18-34	2108926	535.2	536.2	1	core	
VA18-34	2108927	536.2	537.2	1	core	

VA18-34	2108928	537.2	538.2	1	core	
VA18-34	2108921	553.3			grab	
VA18-35	2108936	1264	1265	1	core	
VA18-35	2108937	1265	1266	1	core	
VA18-35	2108938	1266	1267	1	core	SH diss po, spks shl
VA18-35	2108939	1267	1268	1	core	SH diss po, spks shl
VA18-35	2108940	1268	1269	1	core	SH diss po, spks shl
VA18-35	2108941	1269	1270	1	core	SH diss po, spks shl
VA18-35	2108942	1270	1271	1	core	SH diss po, spks shl
VA18-35	2108943	1271	1272	1	core	SH diss po, spks shl
VA18-35	2108944	1272	1273	1	core	SH po, sph
VA18-35	2108945	1273	1274	1	core	SH diss po, spks shl
VA18-35	2108946	1274	1275	1	core	SH diss po
VA18-35	2108947	1275	1276	1	core	SH diss po
VA18-35	2108948	1276	1277	1	core	SH diss po
VA18-35	2108949	1277	1278	1	core	SH diss po
VA18-35	2108950	1278	1278.65	0.65	core	SH diss po
VA18-36	3040001	462.7	465	2.3	core	fair sph
VA18-36	3040002	468.9	469.1	0.2	core	frac sph
VA18-36	3040007	642.4	642.8	0.4	core	diss sph
VA18-36	3040008	642.8	643.2	0.4	core	good po
VA18-36	3040009	643.7	644	0.3	core	diss sph
VA18-36	3040010	850.2	851.4	0.2	core	Bx 30% mass po
VA18-36	3040011	858.8	859.7	0.9	core	Bx 15% mass po
VA18-36	3040012	934			grab	
VA18-36	3040013	936			grab	
VA19-37	2107252	131.7			grab	
VA19-37	2107253	134			grab	
VA19-37	2107254	145			grab	
VA19-48	2107255	738	739	1	core	
VA19-48	2107256	739	740	1	core	
VA19-48	2107257	740	741	1	core	
VA19-48	2107258	741	742	1	core	
VA19-48	2107259	742	743	1	core	
VA19-48	2107260	743	743.5	0.5	core	vein qtz,cc,p, aspy
VA19-48	2107261	777.1	777.3	0.2	core	
VA19-48	2107262	777.3	777.6	0.3	core	
VA19-48	2107263	777.6	779	1.4	core	
VA19-48	2107264	779	780	1	core	
VA19-48	2107265	780	780.6	0.6	core	
VA19-48	2107266	780.6	781.5	0.9	core	
VA19-48	2107267	781.5	782.6	1.1	core	
VA19-48	2107268	782.6	783.6	1	core	
VA19-48	2107269	846.5			grab	
VA19-48	2107270	855.8			grab	
VA19-48	2107271	861.6			grab	
VA19-48	2107272	866.8			grab	

VA19-48	2107273	872			grab
VA19-48	2107274	876			grab
VA19-48	2107275	1541.5	1542.5	1	core
VA19-48	2107276	1544.9	1545	0.1	core
VA19-48	2107277	1557.7	1558.7	1	core
VA19-48	2107278	1560	1561	1	core

Appendix 9: Sample location tables

Soil sample locations

sample name	easting	northing	elevation
VNL009 00+00	586881	5474376	1049
VNL009 00+25E	586910	5474376	1053
VNL009 00+50E	586939	5474375	1056
VNL009 00+75E	586965	5474376	1060
VNL009 01+00E	586990	5474376	1064
VNL009 01+25E	587016	5474377	1068
VNL009 01+50E	587041	5474377	1071
VNL009 01+75E	587065	5474383	1075
VNL009 02+00E	587089	5474389	1079
VNL009 02+25E	587115	5474386	1084
VNL009 02+50E	587140	5474382	1089
VNL009 02+75E	587164	5474382	1092
VNL009 03+00E	587187	5474381	1095
VNL009 03+25E	587215	5474385	1101
VNL009 03+50E	587242	5474388	1107
VNL009 03+75E	587267	5474386	1113
VNL009 04+00E	587292	5474384	1119
VNL009 04+25E	587314	5474385	1115
VNL009 04+50E	587335	5474385	1111
VNL009 04+75E	587366	5474388	1118
VNL009 05+00E	587396	5474390	1124
VNL009 05+25E	587419	5474391	1127
VNL009 05+50E	587442	5474391	1130
VNL009 05+75E	587465	5474390	1140
VNL009 06+00E	587488	5474388	1149
VNL009 06+25E	587515	5474388	1157
VNL010 00+00	587520	5474338	1154
VNL010 00+25W	587500	5474339	1149
VNL010 00+50W	587479	5474339	1144
VNL010 00+75W	587451	5474339	1138
VNL010 01+00W	587422	5474339	1131
VNL010 01+25W	587395	5474338	1127
VNL010 01+50W	587368	5474336	1122
VNL010 01+75W	587345	5474334	1119
VNL010 02+00W	587322	5474332	1116
VNL010 02+25W	587299	5474333	1119
VNL010 02+50W	587276	5474334	1122
VNL010 02+75W	587248	5474335	1116
VNL010 03+00W	587220	5474336	1109
VNL010 03+25W	587198	5474336	1104
VNL010 03+50W	587176	5474335	1098
VNL010 03+75W	587150	5474336	1094
VNL010 04+00W	587124	5474336	1090
VNL010 04+25W	587100	5474335	1088
VNL010 04+50W	587075	5474333	1086
VNL010 04+75W	587050	5474331	1081
VNL010 05+00W	587024	5474329	1076
VNL010 05+25W	587001	5474327	1072

VNL010 05+50W	586978	5474325	1068
VNL010 05+75W	586952	5474324	1064
VNL010 06+00W	586925	5474323	1059
VNL010 06+25W	586903	5474322	1055
VNL010 06+50W	586881	5474321	1050
VNL011 00+00	586880	5474280	1050
VNL011 00+25E	586900	5474281	1055
VNL011 00+50E	586920	5474281	1059
VNL011 00+75E	586946	5474281	1062
VNL011 01+00E	586972	5474281	1065
VNL011 01+25E	586995	5474279	1069
VNL011 01+50E	587018	5474277	1073
VNL011 01+75E	587044	5474278	1076
VNL011 02+00E	587069	5474279	1078
VNL011 02+25E	587094	5474280	1081
VNL011 02+50E	587118	5474281	1083
VNL011 02+75E	587144	5474281	1087
VNL011 03+00E	587169	5474281	1091
VNL011 03+25E	587194	5474282	1097
VNL011 03+50E	587218	5474283	1103
VNL011 03+75E	587244	5474286	1108
VNL011 04+00E	587270	5474289	1112
VNL011 04+25E	587295	5474289	1109
VNL011 04+50E	587320	5474288	1105
VNL011 04+75E	587344	5474287	1112
VNL011 05+00E	587368	5474285	1118
VNL011 05+25E	587398	5474288	1119
VNL011 05+50E	587427	5474291	1119
VNL011 05+75E	587449	5474289	1125
VNL011 06+00E	587470	5474287	1130
VNL011 06+25E	587496	5474287	1137
VNL011 06+50E	587523	5474290	1145
VNL012 00+00	587517	5474240	1144
VNL012 00+25W	587499	5474238	1139
VNL012 00+50W	587480	5474236	1133
VNL012 00+75W	587454	5474237	1128
VNL012 01+00W	587427	5474237	1123
VNL012 01+25W	587404	5474236	1124
VNL012 01+50W	587380	5474235	1125
VNL012 01+75W	587356	5474234	1124
VNL012 02+00W	587332	5474232	1122
VNL012 02+25W	587311	5474231	1118
VNL012 02+50W	587290	5474230	1114
VNL012 02+75W	587261	5474230	1112
VNL012 03+00W	587232	5474229	1110
VNL012 03+25W	587207	5474231	1104
VNL012 03+50W	587182	5474233	1098
VNL012 03+75W	587158	5474230	1094
VNL012 04+00W	587133	5474227	1090
VNL012 04+25W	587108	5474229	1086
VNL012 04+50W	587082	5474231	1082
VNL012 04+75W	587056	5474230	1080
VNL012 05+00W	587030	5474229	1078

VNL012 05+25W	587008	5474228	1073
VNL012 05+50W	586985	5474227	1068
VNL012 05+75W	586958	5474226	1064
VNL012 06+00W	586930	5474224	1059
VNL012 06+25W	586905	5474227	1055
VNL012 06+50W	586880	5474230	1051
VNL013 00+00	586880	5474173	1053
VNL013 00+25E	586903	5474175	1060
VNL013 00+50E	586926	5474176	1067
VNL013 00+75E	586951	5474178	1072
VNL013 01+00E	586975	5474180	1076
VNL013 01+25E	587002	5474181	1079
VNL013 01+50E	587029	5474181	1082
VNL013 01+75E	587052	5474181	1085
VNL013 02+00E	587074	5474180	1088
VNL013 02+25E	587101	5474180	1091
VNL013 02+50E	587127	5474180	1093
VNL013 02+75E	587152	5474182	1098
VNL013 03+00E	587177	5474184	1102
VNL013 03+25E	587204	5474184	1108
VNL013 03+50E	587230	5474183	1113
VNL013 03+75E	587253	5474184	1113
VNL013 04+00E	587275	5474184	1112
VNL013 04+25E	587304	5474183	1116
VNL013 04+50E	587332	5474182	1120
VNL013 04+75E	587355	5474182	1121
VNL013 05+00E	587378	5474182	1122
VNL013 05+25E	587402	5474184	1123
VNL013 05+50E	587426	5474186	1124
VNL013 05+75E	587453	5474188	1130
VNL013 06+00E	587479	5474190	1135
VNL013 06+25E	587500	5474195	1140
VNL013 06+50E	587520	5474199	1145
VNL014 00+00	587520	5474144	1140
VNL014 00+25W	587497	5474140	1135
VNL014 00+50W	587474	5474136	1130
VNL014 00+75W	587451	5474138	1127
VNL014 01+00W	587428	5474139	1124
VNL014 01+25W	587405	5474138	1123
VNL014 01+50W	587381	5474137	1122
VNL014 01+75W	587353	5474142	1122
VNL014 02+00W	587325	5474147	1121
VNL014 02+25W	587300	5474142	1117
VNL014 02+50W	587275	5474137	1112
VNL014 02+75W	587249	5474137	1113
VNL014 03+00W	587223	5474136	1113
VNL014 03+25W	587201	5474135	1109
VNL014 03+50W	587178	5474133	1105
VNL014 03+75W	587152	5474134	1100
VNL014 04+00W	587125	5474135	1095
VNL014 04+25W	587100	5474137	1092
VNL014 04+50W	587074	5474139	1088
VNL014 04+75W	587051	5474136	1086

VNL014 05+00W	587027	5474133	1084
VNL014 05+25W	587002	5474130	1081
VNL014 05+50W	586976	5474127	1077
VNL014 05+75W	586952	5474128	1073
VNL014 06+00W	586927	5474128	1068
VNL014 06+25W	586903	5474131	1066
VNL014 06+50W	586879	5474134	1063
VNL015 00+00	586878	5474076	1062
VNL015 00+25E	586906	5474077	1062
VNL015 00+50E	586933	5474078	1061
VNL015 00+75E	586957	5474077	1065
VNL015 01+00E	586980	5474076	1068
VNL015 01+25E	587002	5474076	1070
VNL015 01+50E	587024	5474076	1071
VNL015 01+75E	587054	5474076	1075
VNL015 02+00E	587084	5474076	1078
VNL015 02+25E	587106	5474078	1082
VNL015 02+50E	587127	5474080	1086
VNL015 02+75E	587152	5474079	1090
VNL015 03+00E	587177	5474078	1094
VNL015 03+25E	587204	5474075	1096
VNL015 03+50E	587231	5474071	1098
VNL015 03+75E	587255	5474076	1102
VNL015 04+00E	587279	5474080	1105
VNL015 04+25E	587307	5474077	1107
VNL015 04+50E	587334	5474074	1108
VNL015 04+75E	587355	5474076	1108
VNL015 05+00E	587376	5474078	1108
VNL015 05+25E	587407	5474076	1112
VNL015 05+50E	587437	5474074	1115
VNL015 05+75E	587458	5474072	1119
VNL015 06+00E	587478	5474070	1123
VNL015 06+25E	587508	5474072	1133
VNL015 06+50E	587538	5474073	1142
VNL016 00+00	586875	5474020	1068
VNL016 00+25W	586904	5474021	1070
VNL016 00+50W	586932	5474022	1072
VNL016 00+75W	586956	5474023	1075
VNL016 01+00W	586980	5474024	1078
VNL016 01+25W	587004	5474026	1081
VNL016 01+50W	587028	5474027	1083
VNL016 01+75W	587055	5474027	1086
VNL016 02+00W	587081	5474026	1088
VNL016 02+25W	587105	5474027	1092
VNL016 02+50W	587129	5474027	1096
VNL016 02+75W	587156	5474027	1099
VNL016 03+00W	587182	5474027	1102
VNL016 03+25W	587206	5474031	1103
VNL016 03+50W	587230	5474035	1103
VNL016 03+75W	587254	5474036	1107
VNL016 04+00W	587278	5474036	1110
VNL016 04+25W	587302	5474035	1113
VNL016 04+50W	587326	5474033	1115

VNL016 04+75W	587352	5474034	1114
VNL016 05+00W	587378	5474034	1113
VNL016 05+25W	587402	5474033	1115
VNL016 05+50W	587425	5474032	1117
VNL016 05+75W	587450	5474036	1121
VNL016 06+00W	587475	5474039	1124
VNL016 06+25W	587498	5474041	1133
VNL016 06+50W	587520	5474042	1141
VNL017 00+00	586875	5473980	1066
VNL017 00+25E	586904	5473980	1065
VNL017 00+50E	586932	5473979	1064
VNL017 00+75E	586955	5473980	1067
VNL017 01+00E	586978	5473981	1069
VNL017 01+25E	587005	5473977	1073
VNL017 01+50E	587032	5473972	1076
VNL017 01+75E	587056	5473978	1079
VNL017 02+00E	587080	5473983	1082
VNL017 02+25E	587105	5473983	1086
VNL017 02+50E	587130	5473982	1090
VNL017 02+75E	587156	5473985	1092
VNL017 03+00E	587181	5473987	1094
VNL017 03+25E	587202	5473988	1094
VNL017 03+50E	587222	5473989	1093
VNL017 03+75E	587250	5473986	1098
VNL017 04+00E	587278	5473982	1103
VNL017 04+25E	587304	5473984	1104
VNL017 04+50E	587329	5473985	1104
VNL017 04+75E	587355	5473985	1103
VNL017 05+00E	587381	5473985	1102
VNL017 05+25E	587407	5473985	1105
VNL017 05+50E	587432	5473985	1107
VNL017 05+75E	587456	5473986	1113
VNL017 06+00E	587479	5473986	1119
VNL017 06+25E	587504	5473991	1128
VNL017 06+50E	587529	5473995	1137
VNL018 00+00	586889	5473931	1068
VNL018 00+25W	586911	5473929	1069
VNL018 00+50W	586932	5473926	1070
VNL018 00+75W	586953	5473927	1072
VNL018 01+00W	586974	5473928	1073
VNL018 01+25W	587001	5473931	1076
VNL018 01+50W	587027	5473933	1078
VNL018 01+75W	587054	5473932	1082
VNL018 02+00W	587080	5473930	1085
VNL018 02+25W	587103	5473930	1089
VNL018 02+50W	587126	5473929	1092
VNL018 02+75W	587151	5473931	1096
VNL018 03+00W	587175	5473932	1099
VNL018 03+25W	587200	5473930	1098
VNL018 03+50W	587225	5473927	1096
VNL018 03+75W	587252	5473930	1101
VNL018 04+00W	587279	5473933	1106
VNL018 04+25W	587304	5473931	1107

VNL018 04+50W	587328	5473929	1107
VNL018 04+75W	587353	5473934	1107
VNL018 05+00W	587377	5473938	1106
VNL018 05+25W	587398	5473936	1108
VNL018 05+50W	587419	5473934	1110
VNL018 05+75W	587444	5473934	1112
VNL018 06+00W	587469	5473933	1114
VNL018 06+25W	587496	5473934	1121
VNL018 06+50W	587522	5473935	1127
VNL019 00+00	586891	5473886	1066
VNL019 00+25E	586914	5473887	1067
VNL019 00+50E	586936	5473888	1067
VNL019 00+75E	586965	5473886	1068
VNL019 01+00E	586994	5473884	1069
VNL019 01+25E	587019	5473885	1073
VNL019 01+50E	587044	5473885	1077
VNL019 01+75E	587068	5473882	1081
VNL019 02+00E	587092	5473878	1084
VNL019 02+25E	587117	5473882	1087
VNL019 02+50E	587142	5473885	1090
VNL019 02+75E	587168	5473888	1090
VNL019 03+00E	587193	5473890	1089
VNL019 03+25E	587219	5473885	1093
VNL019 03+50E	587244	5473879	1096
VNL019 03+75E	587266	5473881	1097
VNL019 04+00E	587288	5473883	1097
VNL019 04+25E	587313	5473884	1096
VNL019 04+50E	587338	5473885	1094
VNL019 04+75E	587365	5473884	1094
VNL019 05+00E	587392	5473882	1093
VNL019 05+25E	587417	5473884	1098
VNL019 05+50E	587441	5473886	1103
VNL019 05+75E	587467	5473887	1110
VNL019 06+00E	587492	5473887	1116
VNL019 06+25E	587517	5473884	1121
VNL019 06+50E	587542	5473880	1125
VNL020 00+00	586876	5473817	1064
VNL020 00+25W	586901	5473820	1065
VNL020 00+50W	586926	5473822	1066
VNL020 00+75W	586955	5473823	1068
VNL020 01+00W	586984	5473823	1070
VNL020 01+25W	587006	5473821	1072
VNL020 01+50W	587028	5473819	1074
VNL020 01+75W	587058	5473823	1080
VNL020 02+00W	587087	5473826	1085
VNL020 02+25W	587110	5473827	1087
VNL020 02+50W	587132	5473827	1088
VNL020 02+75W	587158	5473826	1090
VNL020 03+00W	587183	5473825	1092
VNL020 03+25W	587208	5473827	1094
VNL020 03+50W	587232	5473829	1096
VNL020 03+75W	587256	5473829	1096
VNL020 04+00W	587279	5473829	1096

VNL020 04+25W	587310	5473833	1095
VNL020 04+50W	587341	5473836	1093
VNL020 04+75W	587360	5473835	1093
VNL020 05+00W	587378	5473834	1092
VNL020 05+25W	587402	5473834	1096
VNL020 05+50W	587426	5473834	1100
VNL020 05+75W	587451	5473831	1104
VNL020 06+00W	587476	5473828	1107
VNL020 06+25W	587504	5473831	1113
VNL020 06+50W	587531	5473833	1119

Biogeochemistry sample locations

Sample	Easting	Northing	Elevation	Description
VINE19-DFN 1	585144	5472610	1094	5150E 2600N, ~8cm diameter, ~10-15 years, on talus slope, lots of rocks and boulders around, sample tree under outcrop, D-Fir.
VINE19-DFN 2	585260	5472611	1063	5250E 2600N, ~30cm diameter, ~20+ years, outcrop below and above tree with talus around, D-Fir.
VINE19-DFN 3	585353	5472588	1038	5350E 2600N, ~20cm diameter, ~15+ years, loads of outcrop and talus around, D-Fir.
VINE19-DFN 4	585427	5472592	1011	5450E 2600N, ~7cm diameter, ~8-10 years, super flat plateau area, no outcrop or talus, vegetation on ground, D-Fir.
VINE19-DFN 5	585563	5472573	1015	5550E 2600N, ~10cm diameter, ~10-15+ years, top of steeper slope, above Vine Vein. D-Fir.
VINE19-DFN 6	585655	5472609	985	5650E 2600N, ~15cm diameter, ~15+ years, talus, rocky slope, D-Fir.
VINE19-DFN 7	585707	5472603	963	5750E 2600N, ~30cm diameter, ~20+ years, edge of field, D-Fir. (*note* sample take ~40m from plotted 'site location' due to edge of field.)
VINE19-DFN 8	585152	5472695	1112	5150E 2700N, ~15cm diameter, ~12+ years, talus and float boulders around, D-Fir.
VINE19-DFN 9	585263	5472705	1077	5250E 2700N, ~17cm diameter, ~15+ years, rocky ground with subcrop and talus, D-Fir.
VINE19-DFN 10	585380	5472712	1045	5350E 2700N, ~15cm diameter, ~15+ years, adjacent to road, rocky ground, D-Fir.
VINE19-DFN 11	585438	5472706	1029	5450E 2700N, ~10cm diameter, ~10-15+ years, few samples to chose from in area, more vegetation on ground, less rock, D-Fir.
VINE19-DFN 12	585548	5472761	1022	5550E 2700N, ~10-15cm diameter, ~10-15+ years, flat ground, rocky, D-Fir. (*note* sample take ~60m from plotted 'site location' as no samples @ site.)
VINE19-DFN 13	585655	5472714	997	5650E 2700N, ~18cm diameter, ~12+ years, rocky slope, above Vine Vein, D-Fir.
VINE19-DFN 14	585736	5472715	969	5750E 2700N, ~15cm diameter, ~15-20+ years, rocky talus ground, sample taken right at Vine Vein, D-Fir.
VINE19-DFN 15	585133	5472788	1129	5150E 2800N, ~25-30cm diameter, ~20+ years, above cliff outcrop, talus and float on ground, D-Fir.

VINE19-DFN 16	585245	5472806	1097	5250E 2800N, ~18cm diameter, ~15+ years, needles only taken off one side of tree, below road, float boulders and talus, D-Fir.
VINE19-DFN 17	585371	5472800	1049	5350E 2800N, ~35cm diameter, ~25+ years, rocky area with outcrop, needles only taken off one side, D-Fir.
VINE19-DFN 18	585456	5472793	1025	5450E 2800N, ~20cm diameter, ~18+ years, tree in rocky ditch, D-Fir.
VINE19-DFN 19	585542	5472837	1025	5550E 2800N, ~30cm diameter, ~20+ years, on 'plateau area', more vegetation, less talus and OC, D-Fir.
VINE19-DFN 20	585639	5472804	989	5650E 2800N, ~38cm diameter, ~30+ years, above Vine Vein, some rock on ground with vegetation, D-Fir.
VINE19-DFN 21	585753	5472787	956	5750E 2800N, ~45cm! diameter, ~40+ years, near/beside Vine Vein, talus rock and outcrop, D-Fir.
VINE19-DFN 22	585158	5472904	1146	5150E 2900N, ~12cm diameter, ~10+ years, on top of hogsback feature, rocky ground, D-Fir.
VINE19-DFN 23	585253	5472891	1104	5250E 2900N, ~25cm diameter, ~20+ years, just below road landing on rocky slope, D-Fir.
VINE19-DFN 24	585334	5472948	1074	5350E 2900N, ~30cm diameter, ~35+ years, area with old timber with branches too high for collection, on rocky talus slope, cliff outcrop feature, right on old 'IP' survey?? line (SE ~30degrees), (*note* no samples near actual site, therefore this sample is off), D-Fir.
VINE19-DFN 25	585434	5472901	1036	5450E 2900N, ~15cm diameter, ~15+ years, off old trench feature, some talus and float, D-Fir.
VINE19-DFN 26	585558	5472894	1017	5550E 2900N, ~8cm diameter, ~10+ years, plateau 'road' area, vegetation on ground, area with mix of old and new growth (old growth branches too high to sample), D-Fir.
VINE19-DFN 27	585636	5472901	996	5650E 2900N, ~10cm diameter, ~10+ years, more vegetation around, less rock on ground, flat, D-Fir.
VINE19-DFN 28	585739	5472906	980	5750E 2900N, ~10cm diameter, ~10+ years, rocky area with tons of outcrop and cliff features, D-Fir.
VINE19-DFN 29	585155	5472991	1130	5150E 3000N, ~11cm diameter, ~10+ years, right off road near trench, lots of vegetation, D-Fir.
VINE19-DFN 30	585274	5472991	1119	5250E 3000N, ~16cm diameter, ~20+ years, off road, steepish ground, right beside old geophysics 'IP'? Line (same as sample 024), D-Fir.
VINE19-DFN 31	585358	5473020	1082	5350E 3000N, ~40cm! diameter, ~35+ years, big old D-Fir, on steeper hill, rock slope, D-Fir.
VINE19-DFN 32	585475	5473002	1035	5450E 3000N, ~8cm diameter, ~10+ years, very difficult to reach any branches in area therefore small sample taken, top of tree sampled, D-Fir.
VINE19-DFN 33	585552	5472984	1022	5550E 3000N, ~20cm diameter, ~15+ years, below road, steep bank, sample taken on various branches on 1 side of tree only, D-Fir.
VINE19-DFN 34	585663	5473012	1012	5650E 3000N, ~20cm diameter, ~20+ years, top of hill, flat area, some float, no OC, lots of vegetation, above swamp feature, D-Fir.

VINE19-DFN 35	585770	5473012	995	5750E 3000N, ~12cm diameter, ~10+ years, very flat zone with loads of young growth, not as rocky, lots of vegetation, D-Fir.
VINE19-DFN 36	585136	5473078	1153	5150E 3100N, ~12cm diameter, ~15+ years, rocky ground with loads of outcrop in area, D-Fir.
VINE19-DFN 37	585222	5473099	1137	5250E 3100N, ~15cm diameter, ~15+ years, rocky ground with outcrop, D-Fir.
VINE19-DFN 38	585331	5473101		5350E 3100N, ~10cm diameter, ~15+ years, on steep slope in an area with loads of 'windfall', therefore treetop sampled off recent windfall (see pic), skinny but tall sample, D-Fir.
VINE19-DFN 39	585442	5473109	1049	5450E 3100N, ~12cm diameter, ~15+ years, on upslope hillside, no growth low in this area of forest, sample top branches only, D-Fir.
VINE19-DFN 40	585535	5473102	1021	5550E 3100N, ~10cm diameter, ~15+ years, in older growth area with very few branches to sample (therefore young tree sampled), hillside, talus on ground, sample top branches only, D-Fir.
VINE19-DFN 41	585651	5473100	1023	5650E 3100N, ~35cm diameter, ~30+ years, older tree on rocky ground above swamp on top of small hill, sample only taken off branches on 1 side of tree, D-Fir.
VINE19-DFN 42	585748	5473104	1006	5750E 3100N, ~13cm diameter, ~12+ years, lots of vegetation in area, mix of young and old trees, flat area, D-Fir.
VINE19-DFN 43	585157	5473193	1159	5150E 3200N, ~40cm! diameter, ~35+ years, old tree, flat, rocky ground, D-Fir.
VINE19-DFN 44	585261	5473196	1135	5250E 3200N, ~10cm diameter, ~10+ years, poor sample area, flat rocky ground below large outcrop, sample only top branches of young tree, D-Fir.
VINE19-DFN 45	585349	5473211	1106	5350E 3200N, ~10cm diameter, ~10+ years, sample top branches of tree, steep slope, vegetation and float in area, D-Fir.
VINE19-DFN 46	585459	5473197	1054	5450E 3200N, ~10cm diameter, ~15+ years, sample top branches of tree, rocky ground with some vegetation, ground flattening out, D-Fir.
VINE19-DFN 47	585544	5473208	1018	5550E 3200N, ~12cm diameter, ~15+ years, sample top branches of tree again, very few to no lower hanging branches in area, flat draw, moist area with lots of vegetation, D-Fir.
VINE19-DFN 48	585658	5473210	1032	5650E 3200N, ~30cm diameter, ~25+ years, 'low' enough hanging branches on older tree, good sample, on edge of forest-guard cut-line, D-Fir.
VINE19-DFN 49	585759	5473180	1009	5750E 3200N, ~14cm diameter, ~20+ years, good low branch growth, flat ground, spaced timber both new and older growth, little rock in area, no outcrop, D-Fir.
VINE19-DFN 50	585151	5473296	1164	5150E 3300N, ~12cm diameter, ~12+ years, rocky ground with lots of pine around, D-Fir.
VINE19-DFN 51	585254	5473310	1137	5250E 3300N, ~10-12cm diameter, ~15+ years, sample taken from top branches, rocky outcrop beside sample, above bench, all trees in area with sky-high branches, D-Fir.

VINE19-DFN 52	585349	5473292	1099	5350E 3300N, ~10-12cm diameter, ~15+ years, on hillside, with tall, tall timber all around, less rock and outcrop in area, top branches sampled, D-Fir.
VINE19-DFN 53	585442	5473293	1038	5450E 3300N, ~25cm diameter, ~30+ years, old tree, on steep hillside with talus float, D-Fir.
VINE19-DFN 54	585560	5473298	1034	5550E 3300N, ~10cm diameter, ~15+ years, top of ridge 'hogsback' feature, rocky ground with new and old growth, sample taken from top branches (tree leaning over from recent windfall in area – see pic), D-Fir.
VINE19-DFN 55	585656	5473281	1034	5650E 3300N, ~10cm diameter, ~15+ years, on flats, less rock, old and young trees, this sample tree was also 'leaning' over, sample also taken from top of tree, D-Fir.
VINE19-DFN 56	585754	5473302	1012	5750E 3300N, ~15cm diameter, ~20+ years, sample from top area of tree, rocky, flat ground, D-Fir.
VINE19-DFN 57	585156	5473405	1180	5150E 3400N, ~25-30cm! diameter, ~35+ years, near top of rocky ground, low hanging branches sample, D-Fir.
VINE19-DFN 58	585237	5473395	1154	5250E 3400N, ~35cm! diameter, ~35+ years, old tree, steep, steppy, rocky slope with loads of outcrop and float, D-Fir.
VINE19-DFN 59	585347	5473409	1106	5350E 3400N, ~12cm diameter, ~12+ years, steep slope, rock and vegetation on ground, top branches sampled, D-Fir.
VINE19-DFN 60	585443	5473392	1069	5450E 3400N, ~12cm diameter, ~12+ years, on steep slope with outcrop, sample taken from top of tree, (needles have slight colour variation?), D-Fir.
VINE19-DFN 61	585537	5473398	1035	5550E 3400N, ~10cm diameter, ~12+ years, sample from top of tree (no low hanging branches in area), flat, creek draw, swampy, float with lots of vegetation, D-Fir.
VINE19-DFN 62	585627	5473409	1052	5650E 3400N, ~10cm diameter, ~12+ years, slight slope, rocky talus area, sample from top branches, D-Fir.
VINE19-DFN 63	585730	5473379	1028	5750E 3400N, ~25cm diameter, ~30+ years, older tree on edge of 'fire-guard' cut area, low hanging branches, flat ground, D-Fir.
VINE19-DFN 64	585137	5473497	1177	5150E 3500N, ~8cm diameter, ~10+ years, top of huge cliff outcrop feature, no low hanging branches in area, vegetation in area with less rock, sample from top branches of tree, D-Fir.
VINE19-DFN 65	585270	5473521	1150	5250E 3500N, ~15cm diameter, ~20+ years, no low hanging branches, ground has more rock and float, sample top of tree, D-Fir.
VINE19-DFN 66	585352	5473499	1120	5350E 3500N, ~8cm diameter, ~10+ years, little rock, more vegetation, no outcrop in area, sample top of tree, windfall, D-Fir.
VINE19-DFN 67	585445	5473499	1077	5450E 3500N, ~8cm diameter, ~10+ years, tall, skinny, 'bent-over' tree due to windfall in area, sample top branches, D-Fir.

VINE19-DFN 68	585530	5473522	1038	5550E 3500N, ~8cm diameter, ~10+ years, near marshy creek area, below large outcrop and cliffs, D-Fir.
VINE19-DFN 69	585648	5473486	1044	5650E 3500N, ~10cm diameter, ~15+ years, flat ground, no rock or outcrop, loads of windfall, all trees with branches super high, sample top branches only, D-Fir.
VINE19-DFN 70	585740	5473525	1039	5750E 3500N, ~10cm diameter, ~10+ years, flat ground with no rock or OC in general area, windfall sample top branches, D-Fir.
VINE19-DFN 71	585151	5473609	1176	5150E 3600N, ~8cm diameter, ~10+ years, no low hanging branches, top of hogsback ridge feature, some rock, mixed young and old trees, sample from top of tree, D-Fir.
VINE19-DFN 72	585252	5473599	1157	5250E 3600N, ~12cm diameter, ~15+ years, windfall forest with tall trees, new and older growth, no outcrop, sample from top of tree, D-Fir.
VINE19-DFN 73	585346	5473602	1125	5350E 3600N, ~15cm diameter, ~15+ years, sample from top, rocky slope, windfall, D-Fir.
VINE19-DFN 74	585445	5473601	1089	5450E 3600N, ~25cm! diameter, ~35+ years, old tree!!, lots of OC in area, float and talus, D-Fir.
VINE19-DFN 75	585531	5473589	1043	5550E 3600N, ~12cm diameter, ~15+ years, tree had lower hanging branches, rocky outcrop area with lots of float and talus boulders, D-Fir.
VINE19-DFN 76	585647	5473581	1049	5650E 3600N, ~12cm diameter, ~15+ years, tree on top of small feature, no rocks or OC, lots of timber, but ALL branches sky-high, D-Fir.
VINE19-DFN 77	585719	5473588	1048	5750E 3600N, ~7cm diameter, ~10+ years, super small, young tree, no other sample options in area, near old, tall, tall timber with branches at top, D-Fir.
VINE19-DFN 78	585153	5473701	1176	5150E 3700N, ~10cm diameter, ~10+ years, no low hanging branches, sample taken from 'leaning over' new windfall (see pic), twigs/needles from various levels of tree, D-Fir.
VINE19-DFN 79	585256	5473704	1153	5250E 3700N, ~12cm diameter, ~12+ years, challenging terrain with lots of windfall, sample taken from top branches of tree, tree hanging and bent over, D-Fir.
VINE19-DFN 80	585356	5473703	1127	5350E 3700N, ~12cm diameter, ~20+ years, more open slope, rocky with outcrop around, sample from various levels at top zone of tree, D-Fir.
VINE19-DFN 81	585450	5473709	1094	5450E 3700N, ~27cm! diameter, ~35+ years, older tree, low hanging branches, rocky open slope, lots of outcrop, D-Fir.
VINE19-DFN 82	585547	5473726	1053	5550E 3700N, ~8cm diameter, ~10+ years, small tree, lots of rock and float talus in area, no low hanging branches, sample from top area of tree, D-Fir.
VINE19-DFN 83	585654	5473705	1044	5650E 3700N, ~10cm diameter, ~15+ years, no low hanging branches, mix of old and young timber, lots of vegetation on ground, few rocks, no OC, sample from top branches, D-Fir.
VINE19-DFN 84	585746	5473692	1052	5750E 3700N, ~8cm diameter, ~10+ years, tree 'bent-over' from drill re-hab road, no OC or rock in

				area, lots of drill roads and activity, top branches sampled, D-Fir.
VINE19-DFN 85	585640	5473806	1059	5650E 3800N, ~10cm diameter, ~12+ years, tree 'bent-over' from windfall, less rock on ground, no OC, and loads of windfall in new and old timber, sample taken from top branches, D-Fir.
VINE19-DFN 86	585750	5473823	1046	5750E 3800N, ~13cm diameter, ~15+ years, big marsh NE of sample, no OC in area, no low hanging branches, sample from top branches, D-Fir.
VINE19-DFN 87	585864	5473801	1033	5850E 3800N, ~10cm diameter, ~12+ years, tree newly 'leaning over' from windfall, big timber around, no rock or OC, flat area, D-Fir.
VINE19-DFN 88	585848	5473708	1039	5850E 3700N, ~10cm diameter, ~12+ years, windfall tree 'bent-over' therefore access top branches for sample, flat ground, little to no rock or OC, D-Fir.
VINE19-DFN 89	585874	5473627	1037	5850E 3600N, ~8cm diameter, ~10+ years, bent over with windfall, on edge of 'cut' fire guard break, little to no rock or outcrop, D-Fir.
VINE19-DFN 90	585939	5473608	1025	5950E 3600N, ~20cm diameter, ~25+ years, tree 'knocked-over' for drill-pad, some needles red/dead, sampled various levels of 'top' of downed tree, only green needles sampled (newest growth), D-Fir.
VINE20W_DFN-001	583774	5472548	1032	3774E 2548N, ~15cm diameter, <chop>, ~15+ years, no outcrop, thick forest on hogs-back feature, D-Fir.
VINE20W_DFN-002	583924	5472548	1051	3924E 2548N, ~20cm diameter, ~15+ years, thick forest coming into a clearing, D-Fir.
VINE20W_DFN-003	584074	5472548	1055	4074E 2548N, ~15cm diameter, ~15+ years, flat ground, some float boulders, lots of pine in area, D-Fir.
VINE20W_DFN-004	584224	5472548	1069	4224E 2548N, ~25cm diameter, ~20+ years, no outcrop, pine forest (very few fir), flat ground, D-Fir.
VINE20W_DFN-005	584374	5472548	1080	4374E 2548N, ~8-10cm diameter, ~12+ years, thick young pine forest, flat ground, D-Fir.
VINE20W_DFN-006	584524	5472548	1106	4524E 2548N, ~25cm diameter, ~25+ years, out of pine plant on open slope, some float, D-Fir.
VINE20W_DFN-007	584674	5472548	1133	4674E 2548N, ~25cm diameter, ~25+ years, open slope, lots of old pine, some float, D-Fir.
VINE20W_DFN-008	584824	5472548	1147	4824E 2548N, ~20cm diameter, ~20+ years, gentle slope, spaced trees (pine/fir), D-Fir.
VINE20W_DFN-009	584974	5472548	1138	4974E 2548N, ~20cm diameter, ~25+ years, top of cliff feature, last sample line #1, D-Fir.
VINE20W_DFN-010	583849	5472698	1001	3849E 2698N, ~15cm diameter, ~15+ years, sample from one side of tree only, flat open ground, D-Fir.
VINE20W_DFN-011	583999	5472698	1045	3999E 2698N, ~15cm diameter, ~15+ years, <chop>, steep slope, sample top branches, D-Fir.
VINE20W_DFN-012	584149	5472698	1078	4149E 2698N, ~10cm diameter, ~12+ years, lots of pine around, flat ground, no OC or float around, D-Fir.
VINE20W_DFN-013	584299	5472698	1092	4299E 2698N, ~25cm diameter, ~30+ years, on edge of old clear-cut-block, (small pine re-plant), open, some float, D-Fir.
VINE20W_DFN-014	584449	5472698	1118	4449E 2698N, ~18cm diameter, ~25+ years, open slope, mostly pine with some fir, float boulders around, D-Fir.

VINE20W_DFN-015	584599	5472698	1164	4599E 2698N, ~25cm diameter, ~30+ years, rocky talus slope, open, D-Fir.
VINE20W_DFN-016	584749	5472698	1178	4749E 2698N, ~18cm diameter, ~20+ years, top of open slope, loads of float and OC, D-Fir.
VINE20W_DFN-017	584899	5472698	1164	4899E 2698N, ~12cm diameter, ~15+ years, <chop>, open slope, loads of float, sample top branches, D-Fir.
VINE20W_DFN-018	585049	5472698	1134	5049E 2698N, ~25cm diameter, ~25+ years, lots of OC and cliff features in area, D-Fir.
VINE20W_DFN-019	583774	5472848	1011	3774E 2848N, ~18cm diameter, ~20+ years, <chop>, rocky, talus area, just up slope from flat area, D-Fir.
VINE20W_DFN-020A	583924	5472848	1029	DUPLICATE 3924E 2848N, ~12cm diameter, ~20+ years, samples ~3m apart, D-Fir.
VINE20W_DFN-021	584074	5472848	1064	4074E 2848N, ~18cm diameter, ~20+ years, rocky, cliffy-zone, loads of OC and talus, D-Fir.
VINE20W_DFN-022	584224	5472848	1094	4224E 2848N, ~20cm diameter, ~20+ years, <chop>, on rocky slope, lots of OC, sample top branches, , cliffy-zone, loads of OC and talus, D-Fir.
VINE20W_DFN-023	584374	5472848	1129	4374E 2848N, ~15cm diameter, ~15+ years, <chop>, just off old road, big timber, D-Fir.
VINE20W_DFN-024	584524	5472848	1160	4524E 2848N, ~13cm diameter, ~12+ years, sample taken from 1 side of tree, no samples near 'sample UTM' - therefore a bit off projected, see GPS file, D-Fir.
VINE20W_DFN-025	584674	5472848	1183	4674E 2848N, ~12cm diameter, ~15+ years, <chop>, sample from top of tree, D-Fir.
VINE20W_DFN-026	584824	5472848	1183	4824E 2848N, ~15cm diameter, ~20+ years, <chop>, all high branches on trees in zone, sample top branches, D-Fir.
VINE20W_DFN-027	584974	5472848	1163	4974E 2848N, ~12cm diameter, ~15+ years, <chop>, all high branch samples, sample top branches, gentle slope, no OC or float, D-Fir.
VINE20W_DFN-028	583704	5472998	1029	3704E 2998N, ~12cm diameter, ~15+ years, <chop>, thick forest, flat ground, some float, D-Fir.
VINE20W_DFN-029	583854	5472998	1049	3854E 2998N, ~15cm diameter, ~15+ years, top of rocky (OC, talus and float) feature, D-Fir.
VINE20W_DFN-030	584004	5472998	1087	4004E 2998N, ~15cm diameter, ~15+ years, <chop>, lots of float in area, D-Fir.
VINE20W_DFN-031	584154	5472998	1112	4154E 2998N, ~18cm diameter, ~25+ years, loads of OC/talus and float in area, D-Fir.
VINE20W_DFN-032	584304	5472998	1144	4304E 2998N, ~25cm diameter, ~35+ years, variable terrain, super rocky, OC/talus, D-Fir.
VINE20W_DFN-033	584454	5472998	1167	4454E 2998N, ~22cm diameter, ~35+ years, cliffy, rocky ground, D-Fir.
VINE20W_DFN-034	584604	5472998	1195	4604E 2998N, ~20cm diameter, ~30+ years, <chop>, super high branches, nearing top of open slope, less rocky, grassy ground, sample top branches, D-Fir.
VINE20W_DFN-035	584754	5472998	1197	4754E 2998N, ~12cm diameter, ~15+ years, <chop>, all high branches, no rock or OC, D-Fir.
VINE20W_DFN-036	584904	5472998	1168	4904E 2998N, ~12cm diameter, ~15+ years, <chop>, on edge of swampy feature, D-Fir.
VINE20W_DFN-037	585054	5472998	1156	5054E 2998N, ~20cm diameter, ~25+ years, <chop>, lots of windfall, on slope, D-Fir.

VINE20W_DFN-038	583624	5473148	1029	3624E 3148N, ~10cm diameter, ~12+ years, <chop>, up slope from access road, D-Fir.
VINE20W_DFN-039	583774	5473148	1053	3774E 3148N, ~18cm diameter, ~25+ years, <chop>, on hogs-back feature, D-Fir.
VINE20W_DFN-040A	583924	5473148	1105	DUPLICATE
VINE20W_DFN-041	584074	5473148	1134	4074E 3148N, ~16cm diameter, ~20+ years, <chop>, boulders and mixed timber, D-Fir.
VINE20W_DFN-042	584224	5473148	1174	4224E 3148N, ~17cm diameter, ~25+ years, rocky steep slope, lots of OC and talus, D-Fir.
VINE20W_DFN-043	584374	5473148	1210	4374E 3148N, ~18cm diameter, ~30+ years, rocky zone, cliffs and OC with talus, D-Fir.
VINE20W_DFN-044	584524	5473148	1206	4524E 3148N, ~15cm diameter, ~15+ years, <chop>, mix young and old timber, sample high top branches, D-Fir.
VINE20W_DFN-045	584674	5473148	1205	4674E 3148N, ~15cm diameter, ~18+ years, <chop>, tons of windfall, lots of high high branches and older trees, D-Fir.
VINE20W_DFN-046	584824	5473148	1185	4824E 3148N, ~25cm diameter, ~35+ years, just off road, flat ground, older timber, moist area, D-Fir.
VINE20W_DFN-047	584974	5473148	1189	4974E 3148N, ~12cm diameter, ~15+ years, <chop>, thick, young timber, high branches, D-Fir.
VINE20W_DFN-048	583704	5473298	1057	3704E 3298N, ~15cm diameter, ~20+ years, beauty tree, old thick, low-hanging branches, easy to sample, D-Fir.
VINE20W_DFN-049	583854	5473298	1104	3854E 3298N, ~15cm diameter, ~20+ years, <chop>, slight slope, mix of vegetation, rocky and talus ground, D-Fir.
VINE20W_DFN-050	584004	5473298		4004E 3298N, ~13cm diameter, ~15+ years, <chop>, forested hillside, sample top branches, some rocks on ground, D-Fir.
VINE20W_DFN-051	584154	5473298	1206	4154E 3298N, ~20cm diameter, ~25+ years, rocky slope, w/float and talus, plus old timber, D-Fir.
VINE20W_DFN-052	584304	5473298	1230	4304E 3298N, ~12cm diameter, ~15+ years, <chop>, flat ground, loads of timber, no rock, sample top branches, D-Fir.
VINE20W_DFN-053	584454	5473298	1214	4454E 3298N, ~12cm diameter, ~15+ years, flat ground, old timber, high branches, no rock, D-Fir.
VINE20W_DFN-054	584604	5473298	1221	4604E 3298N, ~10cm diameter, ~12+ years, <chop>, flat ground, windfall, sample high branches, D-Fir.
VINE20W_DFN-055	584754	5473298	1217	4754E 3298N, ~15cm diameter, ~20+ years, <chop>, open cut-block area, flat, no rock, sample high branches, D-Fir.
VINE20W_DFN-056	584904	5473298	1206	4904E 3298N, ~13cm diameter, ~15+ years, <chop>, sample high branches, D-Fir.
VINE20W_DFN-057	585054	5473298	1186	5054E 3298N, ~14cm diameter, ~20+ years, <chop>, gentle forested slope, no OC or talus float, D-Fir.
VINE20W_DFN-058	583624	5473448	1052	3624E 3448N, ~10cm diameter, ~12+ years, <chop>, all high branches, flat ground, top of 'hill' feature, D-Fir.
VINE20W_DFN-059	583774	5473448	1124	3774E 3448N, ~15cm diameter, ~25+ years, flat'ish ground, top of steep incline, D-Fir.

VINE20W_DFN-060A	583924	5473448	1183	DUPLICATE
VINE20W_DFN-061	584074	5473448	1229	4074E 3448N, ~35cm diameter, ~40+ years, old, old trees in area (no younger ones to sample), very few new growth, off grassy hillside, steep steep slope near top, D-Fir.
VINE20W_DFN-062	584224	5473448	1241	4224E 3448N, ~10cm diameter, ~12+ years, <chop>, top of steep slope, flat'ish ground 'up-top', no rock or OC, D-Fir.
VINE20W_DFN-063	584374	5473448	1223	4374E 3448N, ~12cm diameter, ~15+ years, <chop>, weird zone with tons of spruce, hemlock, pine, very little fir, D-Fir.
VINE20W_DFN-064	584524	5473448	1227	4524E 3448N, ~15cm diameter, ~15+ years, <chop>, sample top branches, open forest, no OC, D-Fir.
VINE20W_DFN-065	584674	5473448	1231	4674E 3448N, ~12cm diameter, ~15+ years, <chop>, small 'bent-over' tree, flat ground, no rock, in area with loads of windfall, D-Fir.
VINE20W_DFN-066	584824	5473448	1217	4824E 3448N, ~12cm diameter, ~15+ years, flat ground with some OC and float, D-Fir.
VINE20W_DFN-067	584974	5473448	1202	4974E 3448N, ~20cm diameter, ~25+ years, <chop>, sample top branches, lots of rock and OC in area, D-Fir.
VINE20W_DFN-068	583554	5473598	1087	3554E 3598N, ~35cm diameter, ~40+ years, big old trees on slope, combo of talus and float rock, D-Fir.
VINE20W_DFN-069	583704	5473598	1162	3704E 3598N, ~30cm diameter, ~35+ years, steep talus slope, old trees, D-Fir.
VINE20W_DFN-070	583854	5473598	1223	3854E 3598N, ~42cm diameter, ~50+ years, only sample in middle of talus slope, big old tree, no younger trees near, D-Fir.
VINE20W_DFN-071	584004	5473598	1286	4004E 3598N, ~15cm diameter, ~18+ years, on steep rocky talus ground, off 'knob' feature, D-Fir.
VINE20W_DFN-072	584154	5473598	1273	4154E 3598N, ~18cm diameter, ~20+ years, <chop>, flat ground, all high branches, sample top branches, D-Fir.
VINE20W_DFN-073	584304	5473598	1263	4304E 3598N, ~18cm diameter, ~20+ years, <chop>, flatter ground with talus and float, sample top branches, D-Fir.
VINE20W_DFN-074	584454	5473598	1235	4454E 3598N, ~30cm diameter, ~30+ years, older tree on rocky, cliffy face, D-Fir.
VINE20W_DFN-075	584604	5473598		4604E 3598N, ~15cm diameter, ~20+ years, <chop>, flat open area with loads of sun exposure and tall, tall, skinny trees, sample top branches, D-Fir.
VINE20W_DFN-076	584754	5473598	1232	4754E 3598N, ~15cm diameter, ~15+ years, <chop>, flat ground with more vegetation and trees, zero OC, D-Fir.
VINE20W_DFN-077	584904	5473598	1207	4904E 3598N, ~17cm diameter, ~20+ years, <chop>, flat ground, mixed timber, young and old trees, and combo of OC and talus in area, D-Fir.
VINE20W_DFN-078	585054	5473598	1182	5054E 3598N, ~15cm diameter, ~20+ years, <chop>, on steep rocky slope, w/OC and talus, sample top branches, D-Fir.
VINE20W_DFN-079	583474	5473748	1105	3474E 3748N, ~12cm diameter, ~15+ years, cliffs, rocks and talus, D-Fir.

VINE20W_DFN-080A	583624	5473748	1166	DUPLICATE
VINE20W_DFN-081	583774	5473748	1250	3774E 3748N, ~12cm diameter, ~15+ years, super steep, rocky slope, cliffs and talus, D-Fir.
VINE20W_DFN-082	583924	5473748	1321	3924E 3748N, ~10cm diameter, ~12+ years, steep, top of knoll feature, mixed timber, smaller sample, not much choice in zone, D-Fir.
VINE20W_DFN-083	584074	5473748	1292	4074E 3748N, ~15cm diameter, ~20+ years, <chop>, lots of windfall, flat ground, D-Fir.
VINE20W_DFN-084	584224	5473748	1304	4224E 3748N, ~12cm diameter, ~15+ years, grassy slope, low hanging branch samples, D-Fir.
VINE20W_DFN-085	584374	5473748	1300	4374E 3748N, ~12cm diameter, ~15+ years, top of cliff, sample tree grows through rock, D-Fir.
VINE20W_DFN-086	584524	5473748	1244	4524E 3748N, ~20cm diameter, ~35+ years, top of cliff feature, OC all around, malachite and calcopyrite in gabbro fracture, (epidote vein??), D-Fir.
VINE20W_DFN-087	584674	5473748	1219	4674E 3748N, ~20cm diameter, ~25+ years, <chop>, flat ground, lots of timber, tall trees, sample top branches, D-Fir.
VINE20W_DFN-088	584824	5473748	1206	4824E 3748N, ~15cm diameter, ~20+ years, <chop>, rockier ground, flat'ish with slight slope, sample top branches, D-Fir.
VINE20W_DFN-089	584974	5473748	1192	4974E 3748N, ~12cm diameter, ~15+ years, flat ground, few float boulders, D-Fir.
VINE20W_DFN-090	583404	5473898	1104	3404E 3898N, ~20cm diameter, ~25+ years, rocky slope, D-Fir.
VINE20W_DFN-091	583554	5473898	1168	3554E 3898N, ~20cm diameter, ~30+ years, steep, cliffy, rocky slope, D-Fir.
VINE20W_DFN-092	583704	5473898	1293	3704E 3898N, ~35cm diameter, ~40+ years, old tree on top of cliff, almost at top of rocky slope, D-Fir.
VINE20W_DFN-093	583854	5473898	1313	3854E 3898N, ~20cm diameter, ~35+ years, tons of spruce all around, flat ground, moist area, no OC or talus, D-Fir.
VINE20W_DFN-094	584004	5473898	1330	4004E 3898N, ~15cm diameter, ~20+ years, open forest, vegetation on ground, little rock around, D-Fir.
VINE20W_DFN-095	584154	5473898	1341	4154E 3898N, ~10cm diameter, ~15+ years, float and talus boulders, slight slope, D-Fir.
VINE20W_DFN-096	584304	5473898	1361	4304E 3898N, ~15cm diameter, ~20+ years, near top of knoll feature, rocky ground, D-Fir.
VINE20W_DFN-097	584454	5473898	1277	4454E 3898N, ~15cm diameter, ~20+ years, <chop>, windfall zone, all high branches on tall trees, sample top branches, D-Fir.
VINE20W_DFN-098	584604	5473898	1246	4604E 3898N, ~18cm diameter, ~25+ years, <chop>, rocky area with small cliff features and talus, D-Fir.
VINE20W_DFN-099	584754	5473898	1214	4754E 3898N, ~12cm diameter, ~15+ years, flat ground, lots of trees, no OC, D-Fir.
VINE20W_DFN-100A	584904	5473898	1204	DUPLICATE
VINE20W_DFN-101	585054	5473898	1183	5054E 3898N, ~15cm diameter, ~20+ years, top of small knoll, lots of timber, D-Fir.
VINE20W_DFN-102	583324	5474048	1105	3324E 4048N, ~17cm diameter, ~25+ years, excellent growth, steep slope, D-Fir.

VINE20W_DFN-103	583474	5474048	1179	3474E 4048N, ~16cm diameter, ~25+ years, excellent low branch sample on steep slope, D-Fir.
VINE20W_DFN-104	583624	5474048	1239	3624E 4048N, ~12cm diameter, ~20+ years, <chop>, thick older timber on steeper slope, sample top branches, D-Fir.
VINE20W_DFN-105	583774	5474048	1282	3774E 4048N, ~14cm diameter, ~20+ years, lots of young fir, slight slope, D-Fir.
VINE20W_DFN-106	583924	5474048	1313	3924E 4048N, ~15cm diameter, ~20+ years, tall, tall timber, flat ground, sample top branches, D-Fir.
VINE20W_DFN-107	584074	5474048	1330	4074E 4048N, ~10cm diameter, ~15+ years, low branches on young fir on edge of 'pine tree plant' and older forest on other side, D-Fir.
VINE20W_DFN-108	584224	5474048	1351	4224E 4048N, ~14cm diameter, ~20+ years, tall skinny timber mixed young and old trees, sample top branches, D-Fir.
VINE20W_DFN-109	584374	5474048	1354	4374E 4048N, ~16cm diameter, ~25+ years, great low hanging branches, above huge cliff feature up top, rock OC and float around, D-Fir.
VINE20W_DFN-110	584524	5474048	1278	4524E 4048N, ~18cm diameter, ~25+ years, excellent sample in middle of steep, rocky talus slope, (tree growing right out of talus), D-Fir.
VINE20W_DFN-111	584674	5474048	1222	4674E 4048N, ~14cm diameter, ~25+ years, sample just above road, good low hanging branch sample on moderate slope, D-Fir.
VINE20W_DFN-112	584824	5474048	1204	4824E 4048N, ~15cm diameter, ~25+ years, <chop>, tall timber, flat ground, sample top branches, D-Fir.
VINE20W_DFN-113	584974	5474048	1185	4974E 4048N, ~14cm diameter, ~25+ years, flat open forest, sample top branches, D-Fir.
VINE20W_DFN-114	583249	5474198	1095	3249E 4198N, ~16cm diameter, ~25+ years, steep slope, good low growth, D-Fir.
VINE20W_DFN-115	583399	5474198	1154	3399E 4198N, ~15cm diameter, ~25+ years, <chop>, steep slope, all tall timber with high branches, D-Fir.
VINE20W_DFN-116	583549	5474198	1211	3549E 4198N, ~15cm diameter, ~25+ years, <chop>, steep slope, all tall timber, sample top branches, D-Fir.
VINE20W_DFN-117	583699	5474198	1260	3699E 4198N, ~15cm diameter, ~25+ years, <chop>, tall timber, mostly fir, sample top branches of tree (see picture of 'trees' looking straight up as example of height of branches), D-Fir.
VINE20W_DFN-118	583849	5474198	1293	3849E 4198N, ~8cm diameter, ~12+ years, smaller sample on edge of main road, low hanging branches, D-Fir.
VINE20W_DFN-119	583999	5474198	1311	3999E 4198N, ~8cm diameter, ~12+ years, small sample 'leaning over' due to windfall, on edge of 'pine-plant' forest and older forest on other side, D-Fir.
VINE20W_DFN-120A	584149	5474198	1316	DUPLICATE
VINE20W_DFN-121	584299	5474198	1330	4299E 4198N, ~15cm diameter, ~20+ years, <chop>, on edge of new plant and older forest, sample top branches, D-Fir.
VINE20W_DFN-122	584449	5474198	1315	4449E 4198N, ~16cm diameter, ~20+ years, <chop>, flat'ish ground, tall trees, sample top branches, D-Fir.

VINE20W_DFN-123	584599	5474198	1281	4599E 4198N, ~18cm diameter, ~30+ years, tree growing out of OC on top of cliff feature, lots of rock and OC in area, D-Fir.
VINE20W_DFN-124	584749	5474198	1198	4749E 4198N, ~12cm diameter, ~20+ years, <chop>, just below road, thick timber, sample top branches, D-Fir.
VINE20W_DFN-125	584899	5474198	1185	4899E 4198N, ~20cm diameter, ~30+ years, <chop>, flat ground, tall timber, sample top branches, D-Fir.
VINE20W_DFN-126	583024	5474348	1049	3024E 4348N, ~10cm diameter, ~15+ years, thick forest with young, low branch samples, D-Fir.
VINE20W_DFN-127	583174	5474348	1104	3174E 4348N, ~15cm diameter, ~20+ years, steep slope, low hanging growth, loads of both young and old timber, D-Fir.
VINE20W_DFN-128	583324	5474348	1157	3324E 4348N, ~12cm diameter, ~20+ years, <chop>, all high branches, mixed timber on slope, sample top branches, D-Fir.
VINE20W_DFN-129	583474	5474348	1208	3474E 4348N, ~17cm diameter, ~25+ years, <chop>, slight slope, all high branches, sample top, D-Fir.
VINE20W_DFN-130	583624	5474348	1250	3624E 4348N, ~22cm diameter, ~30+ years, ground flattening out, mixed growth, D-Fir.
VINE20W_DFN-131	583774	5474348	1268	3774E 4348N, ~16cm diameter, ~25+ years, <chop>, tall, tall timber, sample top branches, D-Fir.
VINE20W_DFN-132	583924	5474348	1279	3924E 4348N, ~15cm diameter, ~20+ years, <chop>, tree leaning over in thick young pine re-plant, D-Fir.
VINE20W_DFN-133	584074	5474348	1285	4074E 4348N, ~12cm diameter, ~15+ years, thick, mixed forest with loads of windfall, low hanging branches, D-Fir.
VINE20W_DFN-134	584224	5474348	1300	4224E 4348N, ~20cm diameter, ~30+ years, <chop>, high branches, in flat timber, sample top branches, D-Fir.
VINE20W_DFN-135	584374	5474348	1299	4374E 4348N, ~8cm diameter, ~12+ years, <chop>, super high branches, sample small tree, top branches, D-Fir.
VINE20W_DFN-136	584524	5474348	1296	4524E 4348N, ~15cm diameter, ~20+ years, beside outcrop and near tall timber, D-Fir.
VINE20W_DFN-137	584674	5474348	1227	4674E 4348N, ~15cm diameter, ~20+ years, <chop>, sample on cliff, OC feature, D-Fir.
VINE20W_DFN-138	584824	5474348	1182	4824E 4348N, ~18cm diameter, ~25+ years, flat ground, open forest below road, D-Fir.
VINE20W_DFN-139	582949	5474498	1056	2949E 4498N, ~15cm diameter, ~20+ years, on slope, nice low hanging branches, D-Fir.
VINE20W_DFN-140A	583099	5474498	1105	DUPLICATE
VINE20W_DFN-141	583249	5474498	1155	3249E 4498N, ~15cm diameter, ~20+ years, <chop>, lots of mixed timber young and old, sample top branches, D-Fir.
VINE20W_DFN-142	583399	5474498	1199	3399E 4498N, ~18cm diameter, ~25+ years, <chop>, steeper slope, mixed forest, sample top branches, D-Fir.
VINE20W_DFN-143	583549	5474498	1248	3549E 4498N, ~15cm diameter, ~25+ years, steeper slope, D-Fir.

VINE20W_DFN-144	583699	5474498	1269	3699E 4498N, ~10cm diameter, ~15+ years, flat area, mixed timber young and old, low hanging branches, D-Fir.
VINE20W_DFN-145	583849	5474498	1266	3849E 4498N, ~15cm diameter, ~20+ years, <chop>, thick, mixed timber, sample top branches, D-Fir.
VINE20W_DFN-146	583999	5474498	1267	3999E 4498N, ~8cm diameter, ~12+ years, flat area with deciduous and spruce trees in area, very little fir, small sample, good growth, D-Fir.
VINE20W_DFN-147	584149	5474498	1271	4149E 4498N, ~20cm diameter, ~30+ years, big trees, lots of windfall, flat ground, D-Fir.
VINE20W_DFN-148	584299	5474498	1270	4299E 4498N, ~10cm diameter, ~15+ years, <chop>, flat forest, thick mixed timber with tons of windfall, sample top branches, D-Fir.
VINE20W_DFN-149	584449	5474498	1267	4449E 4498N, ~12cm diameter, ~25+ years, <chop>, thick forest, flat area, high branches, D-Fir.
VINE20W_DFN-150	584599	5474498	1232	4599E 4498N, ~10cm diameter, ~15+ years, <chop>, tree on top of outcrop, mixed timber, lots of OC, sample top branches, D-Fir.
VINE20W_DFN-151	582874	5474648	1054	2874E 4648N, ~15cm diameter, ~25+ years, <chop>, all high branches, lots of older growth in area, sample top branches, D-Fir.
VINE20W_DFN-152	583024	5474648	1116	3024E 4648N, ~16cm diameter, ~25+ years, in small zone on slope with lots of younger growth, D-Fir.
VINE20W_DFN-153	583174	5474648	1152	3174E 4648N, ~22cm diameter, ~35+ years, tree on old skid trail, steep slope, D-Fir.
VINE20W_DFN-154	583324	5474648	1175	3324E 4648N, ~16cm diameter, ~25+ years, <chop>, just above drainage, moderate slope, sample top branches, D-Fir.
VINE20W_DFN-155	583474	5474648	1249	3474E 4648N, ~10cm diameter, ~15+ years, top of 'steep' hill feature, lots of pine around and young growth, D-Fir.
VINE20W_DFN-156	583624	5474648	1253	3624E 4648N, ~12cm diameter, ~20+ years, low branches, flat ground, mixed growth, D-Fir.
VINE20W_DFN-157	583774	5474648	1256	3774E 4648N, ~10cm diameter, ~15+ years, in zone of 'new' plant, small trees, nice low branch samples, D-Fir.
VINE20W_DFN-158	583924	5474648	1260	3924E 4648N, ~30cm diameter, ~35+ years, off sample location due to only spruce in area, low hanging thick branches, D-Fir.
VINE20W_DFN-159	584074	5474648	1259	4074E 4648N, ~22cm diameter, ~25+ years, <chop>, lots of windfall, flat ground, tall timber, sample high branches, D-Fir.
VINE20W_DFN-160A	584224	5474648	1260	DUPLICATE
VINE20W_DFN-161	584374	5474648	1255	4374E 4648N, ~10cm diameter, ~15+ years, flat ground, mixed forest, D-Fir.
VINE20W_DFN-162	584524	5474648	1240	4524E 4648N, ~12cm diameter, ~20+ years, <chop>, thick forest, slight slope, sample top branches, D-Fir.
VINE20W_DFN-163	582949	5474798	1128	2949E 4798N, ~15cm diameter, ~25+ years, steeper slope, lots of older growth, D-Fir.
VINE20W_DFN-164	583099	5474798	1166	3099E 4798N, ~12cm diameter, ~20+ years, <chop>, on steeper slope, sample top branches, D-Fir.

VINE20W_DFN-165	583249	5474798	1194	3249E 4798N, ~12cm diameter, ~20+ years, fallen 'alive' tree, sampled top branches, D-Fir.
VINE20W_DFN-166	583399	5474798	1225	3399E 4798N, ~15cm diameter, ~20+ years, <chop>, thick forest, lots of windfall, sample top branches, D-Fir.
VINE20W_DFN-167	583549	5474798	1244	3549E 4798N, ~18cm diameter, ~25+ years, <chop>, all high branches, thick forest, flat ground, sample top branches, D-Fir.
VINE20W_DFN-168	583699	5474798	1244	3699E 4798N, ~15cm diameter, ~20+ years, <chop>, lots of spruce and pine in area, sample top branches, D-Fir.
VINE20W_DFN-169	583849	5474798	1245	3849E 4798N, ~10cm diameter, ~15+ years, right beside road, flat ground, good growth, D-Fir.
VINE20W_DFN-170	583999	5474798	1241	3999E 4798N, ~15cm diameter, ~20+ years, thick flat forest, low hanging branches, D-Fir.
VINE20W_DFN-171	584149	5474798	1240	4149E 4798N, ~15cm diameter, ~25+ years, <chop>, all high branches, flat ground, sample top branches, D-Fir.
VINE20W_DFN-172	584299	5474798	1241	4299E 4798N, ~25cm diameter, ~35+ years, flat ground, good low growth, D-Fir.
VINE20W_DFN-173	584449	5474798	1228	4449E 4798N, ~17cm diameter, ~25+ years, <chop>, high branches, mixed forest, sample top branches, D-Fir.
VINE20W_DFN-174	583024	5474948	1176	3024E 4948N, ~15cm diameter, ~20+ years, <chop>, tall branches steep down hillside, D-Fir.
VINE20W_DFN-175	583174	5474948	1211	3174E 4948N, ~18cm diameter, ~20+ years, <chop>, up hillside, all high branches, sample top branches, D-Fir.
VINE20W_DFN-176	583324	5474948	1208	3324E 4948N, ~15cm diameter, ~20+ years, <chop>, up slope from stream, sample high branches, D-Fir.
VINE20W_DFN-177	583474	5474948	1228	3474E 4948N, ~20cm diameter, ~30+ years, low hanging branches, flat, mixed forest, D-Fir.
VINE20W_DFN-178	583624	5474948	1237	3624E 4948N, ~15cm diameter, ~25+ years, <chop>, low branches, thick forest, D-Fir.
VINE20W_DFN-179	583774	5474948	1238	3774E 4948N, ~12cm diameter, ~15+ years, tree on edge of old road, flat ground, D-Fir.
VINE20W_DFN-180A	583924	5474948	1236	DUPLICATE
VINE20W_DFN-181	584074	5474948	1225	4074E 4948N, ~18cm diameter, ~25+ years, flat, thick forest, low hanging branches, D-Fir.
VINE20W_DFN-182	584224	5474948	1230	4224E 4948N, ~20cm diameter, ~35+ years, nice low hanging growth, D-Fir.
VINE20W_DFN-183	583099	5475098		3099E 5098N, ~25cm diameter, ~35+ years, low branches, on edge of 'drop', D-Fir.
VINE20W_DFN-184	583249	5475098	1234	3249E 5098N, ~18cm diameter, ~25+ years, <chop>, tall timber, sample top branches, D-Fir.
VINE20W_DFN-185	583399	5475098	1218	3399E 5098N, ~20cm diameter, ~30+ years, mixed timber, old and new growth, flat ground, D-Fir.
VINE20W_DFN-186	583549	5475098	1224	3549E 5098N, ~30cm diameter, ~35+ years, mostly spruce at sample location, old tree, D-Fir.
VINE20W_DFN-187	583699	5475098	1232	3699E 5098N, ~25cm diameter, ~35+ years, old and young timber, flat ground, D-Fir.

VINE20W_DFN-188	583849	5475098	1231	3849E 5098N, ~25cm diameter, ~30+ years, old, mixed timber, flat forest, D-Fir.
VINE20W_DFN-189	583999	5475098	1223	3999E 5098N, ~35cm diameter, ~40+ years, big, old tree sample, big mixed timber, no younger trees, flat ground, D-Fir.
VINE20W_DFN-190	584125	5475098	1221	4125E 5098N, ~10cm diameter, ~12+ years, small tree, on edge of pond-feature, not much choice of fir tress at sample location, D-Fir.
VINE20W_DFN-191	583174	5475248	1265	3174E 5248N, ~15cm diameter, ~20+ years, <chop>, tree in huge 'wood-lot'? Area, smaller sample, not much choice, sample top branches, D-Fir.
VINE20W_DFN-192	583324	5475248	1241	3324E 5248N, ~15cm diameter, ~20+ years, <chop>, all tall tall branches on trees, sample top branches, D-Fir.
VINE20W_DFN-193	583474	5475248	1227	3474E 5248N, ~17cm diameter, ~20+ years, flat ground, D-Fir.
VINE20W_DFN-194	583624	5475248	1229	3624E 5248N, ~10cm diameter, ~12+ years, smaller trees in area, flat ground, D-Fir.
VINE20W_DFN-195	583774	5475248	1231	3774E 5248N, ~28cm diameter, ~30+ years, great sample, larger tree, lots of older fir in area, flat ground, D-Fir.
VINE20W_DFN-196	583924	5475248	1227	3924E 5248N, ~18cm diameter, ~20+ years, thick forest, lots of nice fir, D-Fir.
VINE20W_DFN-197	584074	5475248	1219	4074E 5248N, ~12cm diameter, ~15+ years, flat ground, mixed forest, deep snow in area, D-Fir.
VINE20W_DFN-198	583399	5475398	1248	3399E 5398N, ~16cm diameter, ~20+ years, <chop>, spaced forest, flat ground, all high branches, sample top branches, D-Fir.
VINE20W_DFN-199	583549	5475398	1233	3549E 5398N, ~12cm diameter, ~15+ years, thick low branches, flat ground, D-Fir.
VINE20W_DFN-200A	583699	5475398	1226	DUPLICATE
VINE20W_DFN-201	583849	5475398	1227	3849E 5398N, ~15cm diameter, ~20+ years, excellent growth, D-Fir.
VINE20W_DFN-202	583474	5475548	1238	3474E 5548N, ~15cm diameter, ~20+ years, great thick low growth, lots of young growth, flat ground, D-Fir.
VINE20W_DFN-203	583624	5475548	1233	3624E 5548N, ~14cm diameter, ~15+ years, great thick low growth, D-Fir.
VINE20W_DFN-204	583774	5475548	1227	3774E 5548N, ~12cm diameter, ~15+ years, good growth, flat ground, D-Fir.
VINE20W_DFN-205	583550	5475698	1230	3550E 5698N, ~16cm diameter, ~20+ years, great thick low growth, lots of young growth, flat ground, D-Fir.
VINE20W_DFN-206	583700	5475698	1224	3700E 5698N, ~16cm diameter, ~25+ years, great low growth, thick young forest, lots of snow, snowy, D-Fir.
VINE20E_DFN-001	585985	5472571		6000E 2500N, ~40-45!cm diameter, ~60+ years, only sample, few trees, edge of pasture on 'Dave's Road', lots of Pine in area, big-old-tree, D-Fir.
VINE20E_DFN-004	586455	5472469	963	6450E 2500N, ~20cm diameter, ~25+ years, in small ditch right off 'Dave's Road', edge of field, great sample, low hanging branches, D-Fir.

VINE20E_DFN-005	586600	5472498	968	6600E 2500N, ~15cm diameter, ~25+ years, at bottom of slope, start of 'flats', some float rock, mixed timber, low branches for sampling, D-Fir.
VINE20E_DFN-006	586744	5472501	1011	6750E 2500N, ~20cm diameter, ~25+ years, top of gentle slope, just before field 'flats', lots of older timber, D-Fir.
VINE20E_DFN-007	586896	5472512	1024	6900E 2500N, ~12cm diameter, ~15+ years, just below road, flat ground, mixed timber, young and old trees in area, D-Fir.
VINE20E_DFN-008	587035	5472490	1030	7050E 2500N, ~13cm diameter, ~15+ years, nice low branch growth, flat ground, on edge of young/older forest, no rock, D-Fir.
VINE20E_DFN-009	587193	5472504	1036	7200E 2500N, ~10cm diameter, ~12+ years, excellent thick low growth, in thick young forest, flat ground, no OC or float, D-Fir.
VINE20E_DFN-010	585975	5472678	953	5950E 2650N, ~45cm!! diameter, ~60+ years, big old fir, Dave's property close to shop, on flats, no younger trees, D-Fir.
VINE20E_DFN-013	586421	5472643	965	6400E 2650N, ~8cm diameter, ~12+ years, small sample, edge of field, flat, beside fence, low branch sample, D-Fir.
VINE20E_DFN-014	586560	5472642	972	6550E 2650N, ~30cm diameter, ~40+ years, on flats, low hanging branches, older timber, D-Fir.
VINE20E_DFN-015	586722	5472630	1011	6700E 2650N, ~15cm diameter, ~20+ years, tall tall timber, sample from 'reachable' branches, up slope off flats, mixed timber, loads of windfall in area, D-Fir.
VINE20E_DFN-016	586845	5472676	1015	6850E 2650N, ~13cm diameter, ~20+ years, near swamp, flat ground, tall mixed timber, D-Fir.
VINE20E_DFN-017	587014	5472632	1031	7000E 2650N, ~17cm diameter, ~25+ years, flat forest, just off road, nice sample, thick low hanging branches, D-Fir.
VINE20E_DFN-018	587157	5472655	1041	7150E 2650N, ~15cm diameter, ~20+ years, flat, young forest, mixed timber, low branches sample, D-Fir.
VINE20E_DFN-019A	587293	5472627	1075	DUPLICATE, ~0.5m from Sample 19, ~15cm diameter, ~20+ years, open grassy slope, some float boulders, D-Fir.
VINE20E_DFN-020	585962	5472809	957	6000E 2800N, ~14cm diameter, ~25+ years, on flats just north of Dave's Shop, lots of tall pine trees in area, no duplicate around (therefore take it at #19), D-Fir.
VINE20E_DFN-021	586037	5472830	950	6150E 2800N, ~60+cm!!! diameter, ~80+ years!!, big old fir next to stream, off station 'UTM', but only sample around... D-Fir.
VINE20E_DFN-022	586266	5472906	959	6300E 2800N, ~18cm diameter, ~25+ years, in field north of sample location, (close to Sample 32), but last fir tree possible in area therefore sampled anyway, only a few trees in this area and mostly tall pine, D-Fir.
VINE20E_DFN-023	586419	5472798	969	6300E 2800N, ~40cm diameter, ~50+ years, off UTM station, first fir that was on the line, over fence, just off the field, flat ground with mixed timber, mostly pine, D-Fir.

VINE20E_DFN-024	586619	5472771	977	6600E 2800N, ~30cm diameter, ~40+ years, flat ground, good, low growth for sample, D-Fir.
VINE20E_DFN-025	586767	5472795	1013	6750E 2800N, ~14cm diameter, ~20+ years, top of steep slope, grassy ground, mixed timber, D-Fir.
VINE20E_DFN-026	586907	5472817	1017	6900E 2800N, ~35cm diameter, ~40+ years, edge of swamp, (sample UTM in 'middle of swamp'), young and old timber in area, D-Fir.
VINE20E_DFN-027	587068	5472813	1029	7050E 2800N, ~16cm diameter, ~20+ years, just off road, tall, mixed timber, D-Fir.
VINE20E_DFN-028	587219	5472832	1037	7200E 2800N, ~14cm diameter, ~20+ years, just off road, (no samples at UTM location, only tall tall timber and spruce), nice good low branch sample, D-Fir.
VINE20E_DFN-029	587354	5472798	1075	7350E 2800N, ~12cm diameter, ~15+ years, nice young sample, with thick low branches, D-Fir.
VINE20E_DFN-030	585939	5472949	958	5950E 2950N, ~20cm diameter, ~30+ years, excellent sample, low hanging branches, behind 'Sully' core shacks on Dave's back property, just off fence line, flat ground, D-Fir.
VINE20E_DFN-031	586114	5472952	950	6100E 2950N, ~28cm diameter, ~35+ years, right on edge of stream and field, flat ground, D-Fir.
VINE20E_DFN-032	586297	5472973	961	6250E 2950N, ~18cm diameter, ~25+ years, good sample in the field, D-Fir.
VINE20E_DFN-033	586409	5472960	969	6400E 2950N, ~13cm diameter, ~20+ years, on flats, on edge of field, below cliffs, lots of OC above, D-Fir.
VINE20E_DFN-034	586553	5472975	999	6550E 2950N, ~20cm diameter, ~30+ years, in area of OC and float, small, rocky cliff feature, D-Fir.
VINE20E_DFN-035	586695	5472948	990	6700E 2950N, ~15cm diameter, ~20+ years, just above creek, on slight slope, old and young timber in area, D-Fir.
VINE20E_DFN-036	586849	5472952	1002	6850E 2950N, ~15cm diameter, ~20+ years, tied sample on Mag/VLF station (previous Vine survey), above creek, slight slope, mixed young/old timber, D-Fir.
VINE20E_DFN-037	586982	5472948	1018	7000E 2950N, ~20cm diameter, ~30+ years, sample tree on small knoll, great low hanging growth, some older timber around, D-Fir.
VINE20E_DFN-038	587157	5472992	1031	7150E 2950N, ~13cm diameter, ~20+ years, above road, flat ground, mixed timber, D-Fir.
VINE20E_DFN-039	587305	5472946	1046	7300E 2950N, ~12cm diameter, ~20+ years, gentle slope, young mix of fir and pine, sample has 'pointier, sharper needles'?? Sub-Alpine Fir??
VINE20E_DFN-040A	587452	5472947	1093	DUPLICATE
VINE20E_DFN-041	585996	5473096	986	6000E 2800N, ~15cm diameter, ~20+ years, some rock float, thick young forest, excellent thick low growth sample, D-Fir.
VINE20E_DFN-042	586139	5473084	957	6150E 3100N, ~30cm diameter, ~40+ years, low hanging branches, otherside of fence by field, some float boulders and rock, D-Fir.
VINE20E_DFN-043	586318	5473104	958	6300E 3100N, ~18cm diameter, ~28+ years, in field, excellent sample, D-Fir.

VINE20E_DFN-044	586447	5473088	991	6450E 3100N, ~14cm diameter, ~20+ years, right on cliff, OC feature, big old timber in area, D-Fir.
VINE20E_DFN-045	586602	5473111	1026	6600E 3100N, ~17cm diameter, ~25+ years, open slope, spaced timber, float and OC near, D-Fir.
VINE20E_DFN-046	586751	5473105	1022	6750E 3100N, ~12cm diameter, ~20+ years, open, flat area with some OC and float, mixed timber, D-Fir.
VINE20E_DFN-047	586897	5473108	1049	6900E 3100N, ~12cm diameter, ~20+ years, just off road, flat open forest, young pine and other species in area, D-Fir.
VINE20E_DFN-048	587047	5473114	1052	7050E 3100N, ~16cm diameter, ~25+ years, above road, loads of younger fir in area, slight slope, some rock float, D-Fir.
VINE20E_DFN-049	587185	5473105	1041	7200E 3100N, ~16cm diameter, ~25+ years, weird 'double' based stump (see picture), flat grassy area near creek, good low hanging branches, D-Fir.
VINE20E_DFN-050	587363	5473090	1051	7350E 3100N, ~18cm diameter, ~25+ years, thick young timber, fairly flat, D-Fir.
VINE20E_DFN-051	587508	5473095	1091	7500E 3100N, ~16cm diameter, ~25+ years, slight slope, sharper/pointier needles, excellent low growth, SA or D-Fir??
VINE20E_DFN-052	585926	5473247	1001	5925E 3250N, ~10cm diameter, ~15+ years, <chop>, tall tall timber in area, no low hanging growth, flat rocky ground, sample top branches, D-Fir.
VINE20E_DFN-053	586074	5473243	987	6075E 3250N, ~12cm diameter, ~15+ years, 'leaning over' tree in tall tall timber, slight slope, sample top branches, tons of windfall in area, D-Fir.
VINE20E_DFN-054	586242	5473266	960	6225E 3250N, ~16cm diameter, ~25+ years, on flats just north of field, mixed timber young and old, D-Fir.
VINE20E_DFN-055	586398	5473248	964	6375E 3250N, ~10cm diameter, ~15+ years, at bottom of flats before steeper slope, mixed timber young and old, D-Fir.
VINE20E_DFN-056	586535	5473240	1016	6525E 3250N, ~12cm diameter, ~20+ years, on slope with younger and older timber mix, D-Fir.
VINE20E_DFN-057	586682	5473255	1039	6675E 3250N, ~17cm diameter, ~25+ years, on top of 'hill' feature, older spaced timber, D-Fir.
VINE20E_DFN-058	586828	5473246	1042	6825E 3250N, ~30cm diameter, ~40+ years, bigger older sample tree in OC area with young young growth around, open area, D-Fir.
VINE20E_DFN-059	586971	5473239	1052	6975E 3250N, ~15cm diameter, ~25+ years, slight slope, grassy ground, lots of young growth, pine and fir, D-Fir.
VINE20E_DFN-060A	587126	5473249	1048	DUPLICATE
VINE20E_DFN-061	587285	5473266	1017	7275E 3250N, ~13cm diameter, ~20+ years, flat grassy area with tons of young pine, D-Fir.
VINE20E_DFN-062	587425	5473251	1034	7425E 3250N, ~12cm diameter, ~20+ years, <chop>, small sample in tall tall timber, flat ground, sample top branches, D-Fir.
VINE20E_DFN-063	587586	5473251	1066	7575E 3250N, ~14cm diameter, ~20+ years, <chop>, tall tall forest, smaller sample in older timber, sample top branches, D-Fir.

VINE20E_DFN-064	585988	5473409	996	6000E 3400N, ~12cm diameter, ~20+ years, 'leaning over tree', sample top branches, in thin thin tall timber area, D-Fir.
VINE20E_DFN-065	586152	5473401	968	6150E 3400N, ~13cm diameter, ~20+ years, <chop>, tall tall timber up slope, sample top branches, D-Fir.
VINE20E_DFN-066	586296	5473405	958	6300E 3400N, ~35cm diameter, ~45+ years, old tree on flats, mix of young and old timber in area, D-Fir.
VINE20E_DFN-067	586453	5473377	983	6450E 3400N, ~12cm diameter, ~20+ years, rocky outcrop zone with pine around, D-Fir.
VINE20E_DFN-068	586586	5473435	1016	6600E 3400N, ~12cm diameter, ~20+ years, gentle slope, lots of older fir and a few larch in area, D-Fir.
VINE20E_DFN-069	586754	5473395	1042	6750E 3400N, ~16cm diameter, ~25+ years, gentle slope, excellent sample with low growth, D-Fir.
VINE20E_DFN-070	586906	5473412	1046	6900E 3400N, ~12cm diameter, ~20+ years, thick low growth, flat area, beside Rd. Open area, D-Fir.
VINE20E_DFN-071	587055	5473402	1061	7050E 3400N, ~15cm diameter, ~25+ years, excellent low growth, mixed species forest, slight slope, D-Fir.
VINE20E_DFN-072	587206	5473389	1048	7200E 3400N, ~13cm diameter, ~25+ years, thick low growth sample, mix of young and old fir/pine forest, D-Fir.
VINE20E_DFN-073	587343	5473399	1053	7350E 3400N, ~12cm diameter, ~20+ years, thick low growth, in younger pine/fir plant, D-Fir.
VINE20E_DFN-074	587514	5473376	1063	7500E 3400N, ~10cm diameter, ~15+ years, in area with old timber and flat forest. D-Fir (**Note** we saw many historic 'tin-can' dump piles and other assorted metal in this area on the forest floor).
VINE20E_DFN-075	587672	5473405	1070	7650E 3400N, ~12cm diameter, ~20+ years, <chop>, tall tall timber with mostly older trees, flat area, sample top branches, D-Fir.
VINE20E_DFN-076	585902	5473524	1002	5925E 3550N, ~10cm diameter, ~15+ years, smaller sample, flat ground with mixed timber, new and old forest with tons of windfall, D-Fir.
VINE20E_DFN-077	586095	5473562	984	6075E 3550N, ~14cm diameter, ~25+ years, <chop>, tall older timber area, sample top branches, D-Fir.
VINE20E_DFN-078	586235	5473525	958	6225E 3550N, ~15cm diameter, ~25+ years, mixed timber, slight slope, D-Fir.
VINE20E_DFN-079	586396	5473570	958	6375E 3550N, ~30cm diameter, ~45+ years, slight slope, open area, D-Fir.
VINE20E_DFN-080A	586527	5473535	995	DUPLICATE, ~10m away, ~20cm, 30+ years, good low growth, D-Fir.
VINE20E_DFN-081	586683	5473553	1030	6675E 3550N, ~8cm diameter, ~15+ years, smaller sample on slope in bigger timber, open slope with a mix of young and old timber, D-Fir.
VINE20E_DFN-082	586825	5473550	1053	6825E 3550N, ~13cm diameter, ~20+ years, flat area, just off Rd., lots of young timber in zone, D-Fir.
VINE20E_DFN-083	586979	5473554	1060	6975E 3550N, ~10cm diameter, ~15+ years, excellent thick low needle growth, young spaced timber, D-Fir.
VINE20E_DFN-084	587139	5473557	1082	7125E 3550N, ~12cm diameter, ~20+ years, thick, young timber, good low growth, D-Fir.
VINE20E_DFN-085	587278	5473544	1060	7275E 3550N, ~14cm diameter, ~20+ years, thick thick young timber, excellent growth, D-Fir.

VINE20E_DFN-086	587409	5473550	1068	7425E 3550N, ~14cm diameter, ~20+ years, flat ground with small boulders, thick low growth, young trees, mix of fir, pine and spruce, D-Fir.
VINE20E_DFN-087	587566	5473546	1084	7575E 3550N, ~30cm diameter, ~40+ years, older tree, slight slope, above creek, some float around, D-Fir.
VINE20E_DFN-088	587725	5473561	1087	7725E 3550N, ~14cm diameter, ~20+ years, <chop>, flat ground, mix of young and old trees, tall tall timber, close to creek, sample top branches, D-Fir.
VINE20E_DFN-089	586000	5473697	1003	6000E 3700N, ~13cm diameter, ~20+ years, <chop>, flat area w/old tall tall timber, sample top branches, D-Fir.
VINE20E_DFN-090	586152	5473685	978	6150E 3700N, ~15cm diameter, ~25+ years, sample on rock OC, slope, above powerline Rd., D-Fir.
VINE20E_DFN-091	586294	5473716	963	6300E 3700N, ~14cm diameter, ~20+ years, flats, open area, mix of young and old timber, D-Fir.
VINE20E_DFN-092	586437	5473708	978	6450E 3700N, ~16cm diameter, ~25+ years, open slope with OC and float, above flats, D-Fir.
VINE20E_DFN-093	586587	5473702	1005	6600E 3700N, ~12cm diameter, ~20+ years, slight slope, open forest, mixed timber young and old, D-Fir.
VINE20E_DFN-094	586752	5473708	1046	6750E 3700N, ~18cm diameter, ~30+ years, sample in draw, mixed timber, young and old growth, excellent low hanging branch sample, D-Fir.
VINE20E_DFN-095	586898	5473703	1059	6900E 3700N, ~14cm diameter, ~25+ years, flat ground, lots of thick young timber, zone with fir, spruce and pine combo, D-Fir.
VINE20E_DFN-096	587047	5473697	1072	7050E 3700N, ~15cm diameter, ~25+ years, flat grassy ground, lots of nice thick low growth, thick young timber in this area, D-Fir.
VINE20E_DFN-097	587202	5473688	1087	7200E 3700N, ~15cm diameter, ~25+ years, flat thick forest, excellent low growth sample, D-Fir.
VINE20E_DFN-098	587351	5473704	1081	7350E 3700N, ~15cm diameter, ~25+ years, flat grassy area with lots of young growth, loads of fir and pine around, some spruce, D-Fir (maybe SA).
VINE20E_DFN-099	587485	5473705	1104	7500E 3700N, ~18cm diameter, ~25+ years, on flat rocky knoll in young/old timber w/lots of fir and windfall, D-Fir.
VINE20E_DFN-100A	587620	5473687	1110	DUPLICATE, ~12cm diameter, ~20+ years, ~2m apart from Sample 100, same as above, D-Fir.
VINE20E_DFN-101	587808	5473704	1109	7800E 3700N, ~15cm diameter, ~20+ years, <chop>, on rocky slope with tall tall timber, mixed young and old trees, sample top branches, D-Fir.
VINE20E_DFN-102	585926	5473855	1007	5925E 3850N, ~18cm diameter, ~30+ years, gentle slope, tall tall timber, older growth in area, not too many young trees, D-Fir.
VINE20E_DFN-103	586080	5473861	995	6075E 3850N, ~17cm diameter, ~20+ years, good sample with thick low branches, slight slope, mixed young and old timber, D-Fir.
VINE20E_DFN-104	586246	5473861	960	6225E 3850N, ~15cm diameter, ~25+ years, in stream ‘swampy’ area, with mainly spruce trees, few fir trees here, D-Fir.

VINE20E_DFN-105	586372	5473857	973	6375E 3850N, ~32cm diameter, ~40+ years, open area with mostly older, spaced fir and pine trees, D-Fir.
VINE20E_DFN-106	586536	5473857	989	6525E 3850N, ~30cm diameter, ~40+ years, flat area just off drill road, D-Fir.
VINE20E_DFN-107	586678	5473845	1029	6675E 3850N, ~22cm diameter, ~30+ years, nice thick low branches, mixed timber area with grassy ground, some float, D-Fir.
VINE20E_DFN-108	586827	5473842	1054	6825E 3850N, ~15cm diameter, ~25+ years, excellent sample, flat area, thick young trees, D-Fir.
VINE20E_DFN-109	586968	5473839	1064	6975E 3850N, ~30cm diameter, ~40+ years, flat open area, excellent thick low growth, D-Fir.
VINE20E_DFN-110	587117	5473850	1084	7125E 3850N, ~17cm diameter, ~25+ years, excellent thick low branch sample, slight slope, thick young fir forest, D-Fir.
VINE20E_DFN-111	587285	5473855	1093	7275E 3850N, ~10cm diameter, ~15+ years, thick, young fir forest, good sample, D-Fir.
VINE20E_DFN-112	587434	5473820	1098	7425E 3850N, ~25cm diameter, ~35+ years, slight slope, loads of young and old fir, D-Fir.
VINE20E_DFN-113	587577	5473858	1128	7575E 3850N, ~12cm diameter, ~20+ years, flat area, tall timber, mixed young and old trees with some float rock on the ground, D-Fir.
VINE20E_DFN-114	587747	5473845	1148	7725E 3850N, ~22cm diameter, ~40+ years, top of slope, mix of young and old timber, mostly fir in area, D-Fir.
VINE20E_DFN-115	587880	5473844	1150	7875E 3850N, ~13cm diameter, ~25+ years, <chop>, flat grassy area in tall tall timber, sample top branches, D-Fir.
VINE20E_DFN-116	585974	5474004	1009	6000E 4000N, ~10cm diameter, ~15+ years, on edge of cut 'fire break' smaller tree in middle of spruce stand, flat ground, marshy, D-Fir.
VINE20E_DFN-117	586163	5474042	996	6150E 4000N, ~25cm diameter, ~35+ years, top of rocky 'draw' feature, cliffy below, excellent sample, lots of trees 'up top', D-Fir.
VINE20E_DFN-118	586330	5473995	967	6300E 4000N, ~12cm diameter, ~20+ years, smaller sample just on edge of marshy 'beaver-dam', open area, few trees and mainly spruce around beaver dam, moist and wet area, D-Fir.
VINE20E_DFN-119	586437	5474021	928	6450E 4000N, ~30cm diameter, ~40+ years, older sample above road, no other fir trees around, open area, D-Fir.
VINE20E_DFN-120A	586587	5474004	978	DUPLICATE, ~16cm diameter, ~25+ years, flat area, with tall fir and some younger growth, D-Fir.
VINE20E_DFN-121	586750	5474003	1018	6750E 4000N, ~20cm diameter, ~30+ years, excellent sample, just below main road, lots of fir in area at mixed ages, D-Fir.
VINE20E_DFN-122	586898	5473993	1060	6900E 4000N, ~16cm diameter, ~25+ years, flat grassy area with lots of young spaced fir and pine, D-Fir.
VINE20E_DFN-123	587060	5473985	1079	7050E 4000N, ~12cm diameter, ~20+ years, flat grassy area with young mix of pine and fir, D-Fir.

VINE20E_DFN-124	587212	5473991	1093	7200E 4000N, ~18cm diameter, ~25+ years, flat grassy area, mixed fir and pine, rock float on ground, D-Fir.
VINE20E_DFN-125	587374	5473994	1099	7350E 4000N, ~17cm diameter, ~25+ years, flat ground, grassy, mixed pine and fir, D-Fir.
VINE20E_DFN-126	587512	5473998	1130	7500E 4000N, ~10cm diameter, ~15+ years, <chop>, smaller sample, only tall tall timber in area, slight slope, sample top branches, D-Fir.
VINE20E_DFN-127	587672	5474000	1148	7650E 4000N, ~12cm diameter, ~20+ years, flat ground with float and OC in mixed timber young and old, D-Fir.
VINE20E_DFN-128	587813	5473989	1167	7800E 4000N, ~12cm diameter, ~15+ years, <chop>, top of knoll, rock on ground and in area, mixed older timber and tall tall trees, sample top branches, D-Fir.
VINE20E_DFN-129	587969	5473987	1146	7950E 4000N, ~12cm diameter, ~15+ years, <chop>, flat open area previously logged, tall tall mixed timber, sample top branches, D-Fir.
VINE20E_DFN-130	585943	5474145	1015	5925E 4150N, ~12cm diameter, ~20+ years, in tall older timber on edge of 'fire break', flat ground, D-Fir.
VINE20E_DFN-131	586073	5474147	989	6075E 4150N, ~15cm diameter, ~25+ years, interesting zone in talus 'draw', sample right out of rocky talus (see picture), great sample, good growth, D-Fir.
VINE20E_DFN-132	586227	5474153	991	6225E 4150N, ~15cm diameter, ~25+ years, just off powerline, excellent sample on slight slope, D-Fir.
VINE20E_DFN-133	586349	5474163	969	6375E 4150N, ~16cm diameter, ~25+ years, ~25m 'off' projected UTM due to sample being in middle of beaver dam area, up slope from dam, flat ground, great sample, D-Fir.
VINE20E_DFN-134	586532	5474153	979	6525E 4150N, ~13cm diameter, ~20+ years, on slope above drill road, older taller timber, open spaced forest, reachable growth on this sample, D-Fir.
VINE20E_DFN-135	586693	5474139	1013	6675E 4150N, ~12cm diameter, ~20+ years, great growth, on edge of old timber zone, slight slope, some float rock, D-Fir.
VINE20E_DFN-136	586829	5474146	1043	6825E 4150N, ~15cm diameter, ~25+ years, flat forest, excellent growth, D-Fir.
VINE20E_DFN-137	586980	5474151	1069	6975E 4150N, ~15cm diameter, ~25+ years, thick low growth, flat ground, 'sharper needles'... SA? Or D-Fir.
VINE20E_DFN-138	587120	5474142	1088	7125E 4150N, ~18cm diameter, ~30+ years, flat ground, mixed timber pine and fir, D-Fir.
VINE20E_DFN-139	587258	5474131	1103	7275E 4150N, ~14cm diameter, ~25+ years, in small 'draw', lots of young fir, grassy ground, excellent growth, D-Fir.
VINE20E_DFN-140A	587428	5474146	1119	DUPLICATE, ~17cm diameter, ~25+ years, ~4m apart from Sample 140, same as above, D-Fir.
VINE20E_DFN-141	587572	5474157	1148	7575E 4150N, ~15cm diameter, ~25+ years, thick young timber, fir/pine stand, flat ground, excellent growth, D-Fir.
VINE20E_DFN-142	587713	5474148	1162	7725E 4150N, ~12cm diameter, ~20+ years, loads of young young fir, flat area with some larger trees, thick low growth on tree, D-Fir.

VINE20E_DFN-143	587876	5474144	1172	7875E 4150N, ~14cm diameter, ~25+ years, younger pine forest w/fir dispersed, flat area, D-Fir.
VINE20E_DFN-144	588018	5474161	1173	8025E 4150N, ~12cm diameter, ~20+ years, in middle of 'young plant', flat ground with some older growth around, D-Fir.
VINE20E_DFN-145	585997	5474296	1036	6000E 4300N, ~14cm diameter, ~25+ years, flat ground with older spaced tall timber, great sample, D-Fir.
VINE20E_DFN-146	586141	5474317	1006	6150E 4300N, ~17cm diameter, ~30+ years, excellent sample, spaced flat forest, with pine and fir combo in area, D-Fir.
VINE20E_DFN-147	586305	5474299	993	6300E 4300N, ~18cm diameter, ~30+ years, open timber, mix of pine and fir, grassy ground, sample up slope and in small draw, D-Fir.
VINE20E_DFN-148	586430	5474307	967	6450E 4300N, ~10cm diameter, ~15+ years, no fir in area, mainly spruce in swampy beaver-dam area, very moist, sample is fir but has 'sharper' needles, SA?? or D-Fir.
VINE20E_DFN-149	586603	5474310	987	6600E 4300N, ~14cm diameter, ~20+ years, on slope, mixed fir young and old, OC and float around, D-Fir.
VINE20E_DFN-150	586750	5474290	1018	6750E 4300N, ~12cm diameter, ~20+ years, smaller tree by larger fir (see picture), great growth, on slight slope, D-Fir.
VINE20E_DFN-151	586904	5474298	1053	6900E 4300N, ~13cm diameter, ~20+ years, slight slope, great growth, lots of pine and fir, D-Fir.
VINE20E_DFN-152	587057	5474297	1079	7050E 4300N, ~15cm diameter, ~25+ years, slight slope, excellent growth, grassy ground, D-Fir.
VINE20E_DFN-153	587196	5474296	1104	7200E 4300N, ~20cm diameter, ~30+ years, thick low growth, slight slope, fir forest with some larch and pine, D-Fir.
VINE20E_DFN-154	587352	5474284	1124	7350E 4300N, ~12cm diameter, ~20+ years, older pine zone with windfall, flat ground, D-Fir.
VINE20E_DFN-155	587505	5474289	1149	7500E 4300N, ~14cm diameter, ~20+ years, on slope with old pine, loads of fir in area too, excellent growth, D-Fir.
VINE20E_DFN-156	587665	5474289	1154	7650E 4300N, ~14cm diameter, ~20+ years, flat grassy area, lots of fir trees, D-Fir.
VINE20E_DFN-157	587803	5474291	1169	7800E 4300N, ~15cm diameter, ~20+ years, flat pine area with only some fir, thick forest, D-Fir.
VINE20E_DFN-158	587966	5474303	1178	7950E 4300N, ~10cm diameter, ~15+ years, flat ground, lots of tall pine, less fir in area, D-Fir.
VINE20E_DFN-159	588107	5474299	1183	8100E 4300N, ~14cm diameter, ~20+ years, 'double-bottom' stump (x2 trees) – see picture, top of small hill with creek below, older pine/fir mix forest in area, D-Fir.
VINE20E_DFN-160A	586537	5474556	971	DUPLICATE, ~16cm diameter, ~25+ years, ~3m to the right from Sample 160, right on edge of drill road before beaver pond, D-Fir.
VINE20E_DFN-161	586666	5474545	996	6675E 4450N, ~16cm diameter, ~25+ years, in area with tall timber pine and fir, lots of windfall, D-Fir.
VINE20E_DFN-162	586832	5474543	1031	6825E 4450N, ~11cm diameter, ~18+ years, slight slope, below road, lots of pine and fir, D-Fir.

VINE20E_DFN-163	586979	5474448	1057	6975E 4450N, ~12cm diameter, ~20+ years, flat thick forest, lots of pine and fir in area, D-Fir.
VINE20E_DFN-164	587124	5474449	1089	7125E 4450N, ~12cm diameter, ~20+ years, slight slope, mixed timber, slightly 'sharper' needles on this sample, therefore SA?? or D-Fir.
VINE20E_DFN-165	587280	5474447	1116	7275E 4450N, ~16cm diameter, ~25+ years, slight slope, more open ground and spaced trees, mix of pine and fir, D-Fir.
VINE20E_DFN-166	587429	5474455	1136	7425E 4450N, ~15cm diameter, ~20+ years, slight slope, lots of fir, OC and float rock dispersed around, D-Fir.
VINE20E_DFN-167	587575	5474446	1182	7575E 4450N, ~17cm diameter, ~25+ years, just off rocky OC feature on 'top'... (old strataform claims??), just down slope from heavily sampled OC, excellent low branch growth, D-Fir.
VINE20E_DFN-168	587717	5474440	1168	7725E 4450N, ~15cm diameter, ~20+ years, thick pine and fir stand at the bottom of a small slope, D-Fir.
VINE20E_DFN-169	587871	5474436	1182	7875E 4450N, ~13cm diameter, ~20+ years, grassy area, lots of fir and pine, D-Fir.
VINE20E_DFN-170	588018	5474453	1179	8025E 4450N, ~14cm diameter, ~20+ years, bottom of rocky slope, lots of fir, slightly sharper needles pointing 'up', therefore either SA fir? or D-Fir.
VINE20E_DFN-171	587058	5474605	1062	7050E 4600N, ~10cm diameter, ~15+ years, flat area with thick timber, mix of pine and fir, D-Fir.
VINE20E_DFN-172	587207	5474598	1095	7200E 4600N, ~26cm diameter, ~35+ years, right off road, excellent growth, D-Fir.
VINE20E_DFN-173	587359	5474595	1122	7350E 4600N, ~17cm diameter, ~25+ years, excellent growth, more pine in area, slight slope, D-Fir.
VINE20E_DFN-174	587495	5474595	1162	7500E 4600N, ~15cm diameter, ~25+ years, slight slope, open forest, mixed pine and fir, excellent growth, just below OC feature, D-Fir.
VINE20E_DFN-175	587651	5474604	1189	7650E 4600N, ~13cm diameter, ~20+ years, flat, open ground above OC, mix of fir and pine, D-Fir.
VINE20E_DFN-176	587805	5474600	1179	7800E 4600N, ~16cm diameter, ~25+ years, thick, low growth off ATV Rd. Lots of fir and pine, D-Fir.
VINE20E_DFN-177	587420	5474731	1137	7425E 4750N, ~17cm diameter, ~30+ years, on slope, below talus area back into spaced forest zone, D-Fir.
VINE20E_DFN-178	587574	5474740	1193	7575E 4750N, ~20cm diameter, ~30+ years, right below large OC, mostly fir all around, D-Fir.

Appendix 10: Sample assay certificates

BUREAU VERITAS
MINERAL LABORATORIES
Canada

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Submitted By:	Confirmation & Data Distribution List
Receiving Lab:	Canada-Vancouver
Received:	June 01, 2018
Report Date:	June 13, 2018
Page:	1 of 12

CERTIFICATE OF ANALYSIS VAN18001253.1

CLIENT JOB INFORMATION

Project:	VINE
Shipment ID:	VN18-001
P.O. Number	
Number of Samples:	330

SAMPLE DISPOSAL

DISP-PLP	Dispose of Pulp After 90 days
DISP-RJT-SOIL	Immediate Disposal of Soil Reject

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
DY060	329	Dry at 60C			VAN
SS80	329	Dry at 60C sieve 100g to -80 mesh			VAN
AQ201	329	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: PJX Resources Inc.
5600 - 100 King Street West
Toronto Ontario M5X 1C9
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS
MINERAL LABORATORIES
Canada

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PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: June 13, 2018

CERTIFICATE OF ANALYSIS VAN18001253.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
VNL009 00+00	Soil	0.4	10.1	13.4	116	<0.1	15.5	5.5	393	1.45	4.6	1.1	3.8	23	<0.1	0.2	0.2	17	0.17	0.138	11
VNL009 00+25E	Soil	0.4	8.2	12.0	113	<0.1	11.1	5.1	712	1.29	2.9	1.8	2.1	23	<0.1	<0.1	0.2	14	0.16	0.095	10
VNL009 00+50E	Soil	0.5	9.3	16.6	105	<0.1	14.0	5.3	648	1.32	5.6	<0.5	2.5	36	<0.1	0.2	0.2	16	0.35	0.162	10
VNL009 00+75E	Soil	0.5	8.9	14.3	96	<0.1	14.7	7.2	285	1.59	3.9	1.7	2.9	15	<0.1	0.1	0.2	19	0.19	0.022	9
VNL009 01+00E	Soil	0.3	9.6	11.3	85	<0.1	13.5	5.7	438	1.44	6.4	1.2	3.1	25	<0.1	0.1	0.2	17	0.20	0.158	9
VNL009 01+25E	Soil	0.5	8.8	7.4	128	<0.1	9.6	4.5	717	1.05	6.5	1.6	1.9	30	0.1	<0.1	0.2	12	0.24	0.322	6
VNL009 01+50E	Soil	1.0	7.4	13.4	114	0.1	13.5	6.0	383	1.36	7.2	2.2	2.3	18	0.2	<0.1	0.2	17	0.19	0.083	7
VNL009 01+75E	Soil	0.6	8.2	13.3	201	<0.1	12.5	6.6	590	1.43	3.8	<0.5	3.5	16	0.1	0.2	0.2	16	0.13	0.031	12
VNL009 02+00E	Soil	0.2	9.9	22.2	193	<0.1	13.1	6.5	269	1.56	5.3	<0.5	4.5	16	0.2	0.2	0.2	17	0.14	0.026	17
VNL009 02+25E	Soil	1.2	12.0	23.0	301	<0.1	15.1	6.8	657	1.39	5.2	9.5	3.4	36	0.8	0.1	0.2	17	0.31	0.054	13
VNL009 02+50E	Soil	0.5	12.0	29.3	517	0.2	19.8	7.3	604	1.76	8.2	<0.5	4.6	29	0.8	0.2	0.2	22	0.21	0.122	13
VNL009 02+75E	Soil	0.6	11.5	33.8	258	0.1	20.5	6.9	782	1.72	9.0	<0.5	3.7	28	0.4	0.2	0.3	22	0.24	0.151	15
VNL009 03+00E	Soil	0.5	4.7	11.9	130	<0.1	8.1	3.3	438	1.01	2.4	2.5	2.0	16	<0.1	<0.1	0.1	13	0.12	0.024	9
VNL009 03+25E	Soil	0.4	5.0	12.0	126	<0.1	9.1	4.0	397	1.20	2.0	<0.5	2.6	16	<0.1	<0.1	0.1	15	0.14	0.022	10
VNL009 03+50E	Soil	0.2	5.4	11.3	88	<0.1	8.0	3.7	246	1.20	2.6	<0.5	2.8	14	<0.1	0.1	0.2	16	0.13	0.019	12
VNL009 03+75E	Soil	0.3	5.5	14.9	188	<0.1	8.1	3.5	564	1.14	2.2	0.8	1.9	24	0.1	<0.1	0.2	13	0.19	0.036	10
VNL009 04+00E	Soil	0.2	7.2	21.1	204	<0.1	10.1	4.6	355	1.44	3.3	<0.5	3.6	14	0.3	0.2	0.2	17	0.13	0.027	14
VNL009 04+25E	Soil	0.3	5.9	13.0	160	<0.1	9.4	3.8	552	1.17	3.0	1.2	2.6	21	0.1	<0.1	0.2	14	0.19	0.029	10
VNL009 04+50E	Soil	0.4	17.2	48.6	330	0.1	17.9	7.3	621	1.83	7.4	<0.5	4.5	28	0.4	0.2	0.3	21	0.36	0.081	16
VNL009 04+75E	Soil	0.2	7.6	15.9	101	<0.1	9.3	4.6	540	1.36	3.1	<0.5	4.5	19	<0.1	0.1	0.2	15	0.17	0.037	15
VNL009 05+00E	Soil	0.3	6.2	11.0	88	<0.1	7.8	4.1	404	1.23	2.6	0.8	3.2	16	<0.1	0.1	0.1	14	0.14	0.027	12
VNL009 05+25E	Soil	0.3	14.1	8.0	88	0.2	12.6	4.4	484	1.10	4.9	0.6	2.1	32	0.1	<0.1	0.2	13	0.29	0.051	10
VNL009 05+50E	Soil	0.5	20.6	19.9	183	<0.1	24.6	8.9	1030	1.74	9.9	0.9	4.1	43	0.4	0.2	0.2	20	0.42	0.249	13
VNL009 05+75E	Soil	0.4	21.1	28.4	168	<0.1	20.3	12.5	1179	2.15	7.8	<0.5	6.5	25	0.3	0.3	0.3	27	0.21	0.063	23
VNL009 06+00E	Soil	0.9	14.1	32.1	162	<0.1	13.3	7.3	1820	1.50	5.5	<0.5	2.9	39	0.7	0.3	0.3	17	0.47	0.048	16
VNL009 06+25E	Soil	0.3	12.3	14.2	102	<0.1	13.2	6.5	782	1.67	3.8	<0.5	6.2	21	<0.1	0.2	0.2	18	0.22	0.034	22
VNL010 00+00	Soil	0.4	19.3	16.2	119	<0.1	15.7	9.1	997	1.96	4.8	<0.5	4.8	19	0.1	0.2	0.2	28	0.21	0.062	16
VNL010 00+25W	Soil	0.6	9.7	17.9	152	<0.1	12.5	6.9	1809	1.63	4.2	<0.5	4.5	26	0.4	0.2	0.2	18	0.28	0.042	14
VNL010 00+50W	Soil	0.4	10.2	17.4	152	<0.1	18.1	7.0	617	1.61	5.7	<0.5	3.8	29	0.2	0.2	0.2	18	0.24	0.052	12
VNL010 00+75W	Soil	0.5	12.8	109.9	158	<0.1	17.0	8.2	1044	2.00	5.5	<0.5	5.0	21	0.3	0.3	0.3	25	0.28	0.082	17

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Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: June 13, 2018

CERTIFICATE OF ANALYSIS VAN18001253.1

		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
VNL009 00+00	Soil		10	0.27	242	0.067	4	1.94	0.016	0.14	<0.1	0.02	2.1	0.1	<0.05	5	<0.5	<0.2
VNL009 00+25E	Soil		9	0.26	292	0.053	3	1.40	0.013	0.16	<0.1	0.01	1.6	0.1	<0.05	4	<0.5	<0.2
VNL009 00+50E	Soil		9	0.22	227	0.067	4	1.96	0.020	0.15	<0.1	0.05	2.2	0.1	<0.05	5	<0.5	<0.2
VNL009 00+75E	Soil		12	0.38	141	0.063	3	1.72	0.012	0.15	<0.1	0.01	1.6	0.1	<0.05	5	<0.5	<0.2
VNL009 01+00E	Soil		9	0.25	219	0.068	4	2.07	0.018	0.16	<0.1	0.03	2.0	0.1	<0.05	5	<0.5	<0.2
VNL009 01+25E	Soil		6	0.12	312	0.073	1	2.04	0.026	0.10	0.1	0.03	2.0	<0.1	<0.05	5	<0.5	<0.2
VNL009 01+50E	Soil		8	0.19	173	0.071	4	2.13	0.019	0.11	<0.1	0.03	1.5	0.1	<0.05	5	<0.5	<0.2
VNL009 01+75E	Soil		10	0.29	186	0.061	1	1.54	0.011	0.16	<0.1	0.02	1.6	0.1	<0.05	4	<0.5	<0.2
VNL009 02+00E	Soil		11	0.32	164	0.056	2	1.39	0.007	0.17	<0.1	<0.01	1.8	0.2	<0.05	4	<0.5	<0.2
VNL009 02+25E	Soil		9	0.25	248	0.071	3	1.90	0.021	0.17	<0.1	0.03	2.1	0.1	<0.05	5	<0.5	<0.2
VNL009 02+50E	Soil		11	0.24	207	0.110	4	2.99	0.025	0.13	0.2	0.04	2.9	0.1	<0.05	7	<0.5	<0.2
VNL009 02+75E	Soil		11	0.26	263	0.093	3	2.82	0.019	0.13	0.1	0.03	2.9	0.1	<0.05	7	<0.5	<0.2
VNL009 03+00E	Soil		7	0.21	137	0.049	2	1.12	0.011	0.12	<0.1	0.02	1.6	0.1	<0.05	3	<0.5	<0.2
VNL009 03+25E	Soil		9	0.23	133	0.057	2	1.34	0.012	0.18	<0.1	0.02	1.6	0.1	<0.05	4	<0.5	<0.2
VNL009 03+50E	Soil		10	0.28	118	0.052	1	1.09	0.009	0.17	<0.1	0.02	1.8	0.1	<0.05	3	<0.5	<0.2
VNL009 03+75E	Soil		8	0.20	228	0.051	2	1.31	0.013	0.16	<0.1	0.02	1.8	0.1	<0.05	4	<0.5	<0.2
VNL009 04+00E	Soil		11	0.29	182	0.057	1	1.30	0.007	0.16	0.1	0.02	2.0	0.1	<0.05	4	<0.5	<0.2
VNL009 04+25E	Soil		9	0.22	220	0.053	3	1.37	0.016	0.14	<0.1	0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
VNL009 04+50E	Soil		11	0.27	238	0.098	4	3.00	0.027	0.16	0.1	0.02	3.0	0.1	<0.05	7	<0.5	<0.2
VNL009 04+75E	Soil		10	0.27	195	0.050	3	1.14	0.007	0.17	<0.1	0.02	2.0	0.1	<0.05	3	<0.5	<0.2
VNL009 05+00E	Soil		9	0.24	163	0.049	2	1.17	0.010	0.15	<0.1	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
VNL009 05+25E	Soil		6	0.11	228	0.060	3	1.91	0.022	0.11	<0.1	0.04	2.2	<0.1	<0.05	5	<0.5	<0.2
VNL009 05+50E	Soil		13	0.30	445	0.085	3	2.44	0.020	0.13	0.1	0.05	2.6	<0.1	<0.05	6	<0.5	<0.2
VNL009 05+75E	Soil		15	0.48	278	0.064	3	1.96	0.007	0.18	0.1	0.03	3.0	0.1	<0.05	5	<0.5	<0.2
VNL009 06+00E	Soil		10	0.27	337	0.057	3	1.67	0.014	0.17	0.1	0.06	2.0	0.1	<0.05	5	<0.5	<0.2
VNL009 06+25E	Soil		12	0.29	232	0.056	3	1.47	0.006	0.19	<0.1	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
VNL010 00+00	Soil		15	0.48	234	0.058	2	1.67	0.007	0.14	0.1	0.02	2.8	0.1	<0.05	5	<0.5	<0.2
VNL010 00+25W	Soil		10	0.27	367	0.068	3	1.97	0.011	0.20	0.1	0.04	2.4	0.1	<0.05	5	<0.5	<0.2
VNL010 00+50W	Soil		10	0.27	290	0.074	3	2.39	0.018	0.18	<0.1	0.03	2.2	0.1	<0.05	6	<0.5	<0.2
VNL010 00+75W	Soil		15	0.40	297	0.075	3	2.27	0.013	0.18	0.1	0.03	3.2	0.1	<0.05	6	<0.5	<0.2

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Project: VINE
Report Date: June 13, 2018

CERTIFICATE OF ANALYSIS VAN18001253.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
VNL010 01+00W	Soil	0.2	13.3	27.1	90	<0.1	15.7	7.8	446	1.89	4.6	<0.5	4.9	20	<0.1	0.2	0.2	26	0.17	0.046	14
VNL010 01+25W	Soil	0.2	7.2	12.9	129	<0.1	9.1	4.0	543	1.12	2.3	<0.5	3.1	21	0.1	<0.1	0.2	14	0.23	0.031	10
VNL010 01+50W	Soil	0.3	11.0	20.1	100	<0.1	12.2	5.7	359	1.45	4.7	2.3	4.4	21	<0.1	0.2	0.2	18	0.21	0.083	15
VNL010 01+75W	Soil	0.2	7.6	13.8	92	<0.1	8.2	4.0	369	1.24	2.4	<0.5	4.1	16	<0.1	0.2	0.2	15	0.15	0.028	14
VNL010 02+00W	Soil	0.4	12.6	28.9	342	0.1	19.3	9.1	714	1.90	9.8	0.6	4.6	22	0.4	0.2	0.3	23	0.15	0.261	14
VNL010 02+25W	Soil	0.2	5.6	13.0	143	<0.1	7.7	3.2	535	1.05	2.1	1.5	2.1	20	0.1	<0.1	0.2	13	0.18	0.026	9
VNL010 02+50W	Soil	0.3	5.8	13.2	117	<0.1	8.1	3.8	366	1.19	1.9	2.0	2.4	12	<0.1	0.1	0.2	13	0.14	0.024	10
VNL010 02+75W	Soil	0.3	6.3	13.6	134	<0.1	10.5	4.0	545	1.28	2.5	6.0	2.7	18	<0.1	0.1	0.2	14	0.16	0.035	11
VNL010 03+00W	Soil	0.4	8.8	14.8	135	<0.1	12.2	5.0	511	1.32	4.1	1.3	3.1	14	0.1	0.1	0.2	15	0.13	0.050	10
VNL010 03+25W	Soil	0.3	7.3	15.0	142	<0.1	10.4	4.5	446	1.33	2.6	<0.5	3.0	20	<0.1	0.1	0.2	14	0.15	0.042	11
VNL010 03+50W	Soil	0.6	7.8	20.5	171	<0.1	12.9	5.7	452	1.53	4.1	1.4	3.5	19	0.4	0.2	0.2	17	0.18	0.019	11
VNL010 03+75W	Soil	0.5	8.0	17.9	192	<0.1	12.0	5.6	904	1.43	4.9	0.5	3.7	19	0.2	0.2	0.2	15	0.20	0.029	15
VNL010 04+00W	Soil	0.9	13.7	16.2	97	0.2	16.2	6.7	514	1.70	6.3	1.8	3.9	21	0.2	0.1	0.2	21	0.24	0.086	17
VNL010 04+25W	Soil	0.4	17.1	44.6	285	0.1	21.4	10.4	407	1.98	8.5	1.5	5.8	28	0.4	0.2	0.3	18	0.22	0.132	21
VNL010 04+50W	Soil	0.5	17.8	37.3	263	0.1	22.7	12.6	1606	2.11	13.5	<0.5	3.4	34	0.6	0.3	0.3	26	0.22	0.323	25
VNL010 04+75W	Soil	0.3	7.2	17.2	179	<0.1	11.0	4.9	299	1.38	2.9	1.6	3.7	16	0.1	0.1	0.2	15	0.10	0.028	11
VNL010 05+00W	Soil	0.6	5.5	15.9	151	<0.1	12.5	3.7	602	1.08	5.1	1.5	1.5	33	0.2	<0.1	0.2	13	0.23	0.090	5
VNL010 05+25W	Soil	0.4	8.0	13.9	180	<0.1	15.5	5.4	514	1.33	6.1	1.7	2.0	37	0.2	0.1	0.2	15	0.26	0.168	8
VNL010 05+50W	Soil	0.5	7.3	12.5	140	<0.1	15.0	4.9	784	1.26	5.2	<0.5	2.1	29	0.1	<0.1	0.2	15	0.23	0.093	7
VNL010 05+75W	Soil	0.5	15.5	14.7	102	0.1	14.8	5.9	441	1.40	8.2	0.9	3.2	32	0.2	0.1	0.2	18	0.28	0.247	10
VNL010 06+00W	Soil	0.3	7.1	19.0	175	<0.1	12.4	4.9	839	1.25	3.6	2.0	2.5	38	0.1	0.1	0.2	15	0.26	0.150	8
VNL010 06+25W	Soil	0.4	13.8	16.8	121	<0.1	17.3	6.8	579	1.56	6.7	0.8	3.9	29	0.1	0.2	0.2	18	0.25	0.109	12
VNL010 06+50W	Soil	0.5	17.3	24.3	106	<0.1	13.6	5.8	716	1.35	5.2	0.9	3.3	27	0.2	0.4	0.2	16	0.22	0.117	10
VNL011 00+00	Soil	0.5	17.7	17.1	119	<0.1	18.2	7.9	471	1.76	7.4	1.6	5.5	22	<0.1	0.3	0.2	20	0.18	0.066	17
VNL011 00+25E	Soil	0.4	14.2	16.4	196	<0.1	24.4	9.3	359	1.94	9.7	<0.5	4.8	21	0.2	0.2	0.2	23	0.17	0.073	11
VNL011 00+50E	Soil	0.4	7.2	11.3	168	0.1	11.9	4.9	410	1.24	3.4	<0.5	2.2	22	<0.1	<0.1	0.2	14	0.15	0.097	7
VNL011 00+75E	Soil	0.4	13.1	17.2	120	<0.1	22.3	7.4	366	1.79	10.3	1.1	4.5	41	0.1	0.2	0.2	21	0.22	0.318	15
VNL011 01+00E	Soil	0.3	10.9	18.4	193	<0.1	20.2	6.6	328	1.55	6.6	1.0	3.6	26	0.1	0.1	0.2	16	0.15	0.133	8
VNL011 01+25E	Soil	0.4	12.6	15.0	142	0.1	19.5	5.6	239	1.44	7.2	<0.5	3.4	32	0.1	<0.1	0.2	19	0.22	0.081	14
VNL011 01+50E	Soil	0.4	8.0	13.0	206	0.1	17.0	4.6	566	1.19	7.7	1.4	2.0	32	0.2	<0.1	0.2	14	0.20	0.167	7

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Project: VINE
Report Date: June 13, 2018

CERTIFICATE OF ANALYSIS VAN18001253.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
VNL010 01+00W	Soil	17	0.47	134	0.064	2	1.64	0.008	0.18	0.1	0.02	2.4	0.1	<0.05	5	<0.5	<0.2
VNL010 01+25W	Soil	8	0.21	197	0.044	3	1.19	0.013	0.13	<0.1	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
VNL010 01+50W	Soil	10	0.27	166	0.054	3	1.46	0.011	0.19	<0.1	0.03	2.1	0.1	<0.05	4	<0.5	<0.2
VNL010 01+75W	Soil	9	0.28	130	0.051	3	0.99	0.007	0.17	<0.1	<0.01	1.9	0.1	<0.05	3	<0.5	<0.2
VNL010 02+00W	Soil	13	0.30	301	0.076	4	2.51	0.017	0.15	0.1	0.04	2.7	0.1	<0.05	7	<0.5	<0.2
VNL010 02+25W	Soil	7	0.19	160	0.051	2	1.23	0.013	0.14	<0.1	0.01	1.6	<0.1	<0.05	4	<0.5	<0.2
VNL010 02+50W	Soil	9	0.28	139	0.045	2	1.05	0.008	0.17	<0.1	<0.01	1.6	<0.1	<0.05	3	<0.5	<0.2
VNL010 02+75W	Soil	9	0.25	212	0.053	2	1.48	0.012	0.18	<0.1	0.02	1.8	0.1	<0.05	4	<0.5	<0.2
VNL010 03+00W	Soil	10	0.27	206	0.050	1	1.52	0.011	0.17	<0.1	<0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
VNL010 03+25W	Soil	9	0.27	182	0.055	3	1.41	0.010	0.18	<0.1	<0.01	2.0	0.1	<0.05	4	<0.5	<0.2
VNL010 03+50W	Soil	10	0.30	208	0.066	3	1.81	0.013	0.17	<0.1	<0.01	2.2	0.1	<0.05	5	<0.5	<0.2
VNL010 03+75W	Soil	9	0.26	274	0.058	2	1.60	0.009	0.17	<0.1	0.02	1.9	0.1	<0.05	4	<0.5	<0.2
VNL010 04+00W	Soil	9	0.22	178	0.122	3	3.44	0.027	0.11	0.1	0.04	3.3	0.1	<0.05	8	<0.5	<0.2
VNL010 04+25W	Soil	13	0.43	251	0.062	2	2.03	0.009	0.16	0.1	<0.01	2.2	0.1	<0.05	6	<0.5	<0.2
VNL010 04+50W	Soil	12	0.31	339	0.086	3	2.94	0.003	0.13	0.1	0.04	2.6	0.2	<0.05	7	<0.5	<0.2
VNL010 04+75W	Soil	10	0.31	163	0.058	2	1.33	0.008	0.19	<0.1	0.01	1.6	0.2	<0.05	4	<0.5	<0.2
VNL010 05+00W	Soil	6	0.15	232	0.064	3	1.65	0.022	0.11	<0.1	0.02	1.1	<0.1	<0.05	5	<0.5	<0.2
VNL010 05+25W	Soil	8	0.20	257	0.070	3	2.07	0.019	0.12	0.1	0.03	1.5	<0.1	<0.05	5	<0.5	<0.2
VNL010 05+50W	Soil	7	0.19	214	0.073	3	1.96	0.020	0.15	<0.1	0.02	1.6	0.1	<0.05	5	<0.5	<0.2
VNL010 05+75W	Soil	8	0.20	208	0.095	2	2.69	0.027	0.11	0.1	0.03	2.7	0.1	<0.05	6	<0.5	<0.2
VNL010 06+00W	Soil	8	0.22	311	0.062	2	1.52	0.018	0.15	<0.1	0.02	1.8	0.1	<0.05	5	<0.5	<0.2
VNL010 06+25W	Soil	10	0.30	234	0.068	3	1.89	0.015	0.17	0.1	0.02	2.2	0.1	<0.05	5	<0.5	<0.2
VNL010 06+50W	Soil	9	0.24	238	0.066	2	1.73	0.016	0.13	0.1	0.02	1.8	0.1	<0.05	4	<0.5	<0.2
VNL011 00+00	Soil	12	0.35	186	0.072	1	1.92	0.014	0.19	0.1	0.02	2.5	0.2	<0.05	5	<0.5	<0.2
VNL011 00+25E	Soil	12	0.40	159	0.083	2	2.32	0.016	0.19	0.1	0.02	2.1	0.2	<0.05	6	<0.5	<0.2
VNL011 00+50E	Soil	9	0.24	247	0.057	2	1.50	0.013	0.14	<0.1	0.02	1.5	0.1	<0.05	4	<0.5	<0.2
VNL011 00+75E	Soil	11	0.29	212	0.095	3	2.74	0.020	0.16	0.2	0.02	2.7	0.1	<0.05	6	<0.5	<0.2
VNL011 01+00E	Soil	10	0.26	228	0.071	2	2.10	0.015	0.15	<0.1	<0.01	1.8	0.1	<0.05	5	<0.5	<0.2
VNL011 01+25E	Soil	8	0.21	223	0.090	2	2.41	0.023	0.10	0.1	0.02	2.5	0.1	<0.05	6	<0.5	<0.2
VNL011 01+50E	Soil	7	0.16	253	0.073	3	2.08	0.020	0.11	<0.1	0.02	1.7	<0.1	<0.05	5	<0.5	<0.2

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Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: June 13, 2018

CERTIFICATE OF ANALYSIS VAN18001253.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
VNL011 01+75E	Soil	0.4	10.6	14.5	202	0.1	19.8	5.9	351	1.44	8.9	1.8	3.0	37	0.2	<0.1	0.2	17	0.20	0.285	10
VNL011 02+00E	Soil	0.4	10.1	16.4	227	0.2	23.0	6.6	533	1.59	5.9	0.7	3.4	27	0.3	0.1	0.2	18	0.19	0.162	16
VNL011 02+25E	Soil	0.6	14.9	23.8	199	0.2	21.4	8.1	542	1.85	13.0	0.6	4.1	28	0.3	0.2	0.3	22	0.21	0.342	16
VNL011 02+50E	Soil	0.8	13.0	23.2	213	0.2	18.3	8.8	771	1.93	15.4	31.7	3.5	35	0.6	0.1	0.3	23	0.36	0.233	12
VNL011 02+75E	Soil	0.4	9.3	21.8	171	0.1	12.9	6.7	504	1.54	3.9	1.1	3.9	20	0.3	0.2	0.2	16	0.16	0.035	13
VNL011 03+00E	Soil	0.4	10.9	21.7	150	<0.1	14.9	6.3	307	1.64	5.4	1.3	4.7	18	0.2	0.2	0.2	19	0.18	0.051	11
VNL011 03+25E	Soil	0.2	6.4	16.7	190	<0.1	11.8	4.7	329	1.37	3.1	<0.5	2.8	24	0.2	0.1	0.2	16	0.14	0.045	10
VNL011 03+50E	Soil	0.3	5.5	13.3	119	<0.1	8.9	3.8	223	1.17	2.7	0.6	2.4	14	0.1	0.1	0.2	14	0.13	0.021	9
VNL011 03+75E	Soil	0.3	7.1	15.2	121	<0.1	10.8	4.9	355	1.42	3.1	1.4	3.4	16	<0.1	0.1	0.2	17	0.13	0.034	11
VNL011 04+00E	Soil	0.3	6.0	11.3	122	<0.1	6.1	3.0	1051	0.85	1.9	0.7	1.9	15	0.2	0.1	0.1	12	0.18	0.040	8
VNL011 04+25E	Soil	0.3	9.1	19.8	179	<0.1	16.0	6.1	407	1.54	4.2	1.9	4.0	33	0.3	0.1	0.2	16	0.21	0.175	12
VNL011 04+50E	Soil	0.3	11.2	11.2	72	<0.1	11.8	5.4	236	1.50	3.5	2.5	4.1	19	<0.1	0.2	0.2	18	0.17	0.028	14
VNL011 04+75E	Soil	0.3	7.7	12.3	107	<0.1	9.3	4.0	772	1.12	2.6	0.6	2.4	30	0.1	0.1	0.2	13	0.19	0.050	9
VNL011 05+00E	Soil	0.4	7.9	14.6	143	0.1	13.6	5.5	404	1.45	5.3	0.6	3.3	17	<0.1	0.1	0.2	16	0.14	0.135	8
VNL011 05+25E	Soil	0.3	8.9	14.1	105	<0.1	13.6	5.4	293	1.48	4.3	<0.5	4.4	21	<0.1	0.1	0.2	16	0.23	0.076	10
VNL011 05+50E	Soil	0.3	10.0	16.2	115	<0.1	11.9	5.9	618	1.48	3.4	<0.5	3.9	23	0.1	0.2	0.2	17	0.23	0.036	12
VNL011 05+75E	Soil	0.3	18.2	21.9	157	<0.1	16.4	9.8	1234	2.03	3.9	1.0	5.8	17	0.3	0.2	0.3	26	0.19	0.064	25
VNL011 06+00E	Soil	0.3	9.9	12.4	130	0.1	13.3	5.3	827	1.34	4.2	<0.5	3.1	32	0.2	<0.1	0.2	16	0.26	0.178	9
VNL011 06+25E	Soil	0.1	5.6	9.9	41	<0.1	7.6	4.2	180	1.22	1.9	50.2	4.6	10	<0.1	0.2	0.2	14	0.12	0.020	16
VNL011 06+50E	Soil	0.2	8.3	10.7	42	<0.1	10.2	5.5	170	1.42	4.3	16.9	4.5	8	<0.1	0.2	0.2	19	0.10	0.015	13
VNL012 00+00	Soil	0.1	9.2	11.4	34	<0.1	8.6	4.8	157	1.29	3.6	<0.5	5.2	7	<0.1	0.3	0.2	16	0.10	0.015	17
VNL012 00+25W	Soil	0.2	8.9	11.3	45	<0.1	10.6	5.0	132	1.37	3.6	<0.5	4.8	10	<0.1	0.2	0.2	19	0.13	0.017	16
VNL012 00+50W	Soil	0.2	10.4	10.7	39	<0.1	10.0	5.4	142	1.36	3.5	3.0	5.7	7	<0.1	0.3	0.2	20	0.09	0.019	19
VNL012 00+75W	Soil	0.3	7.1	9.1	65	<0.1	8.7	4.2	398	1.35	2.7	<0.5	3.9	15	<0.1	0.2	0.2	18	0.17	0.024	14
VNL012 01+00W	Soil	0.2	11.2	10.8	52	<0.1	11.2	6.0	138	1.65	3.7	<0.5	5.3	12	<0.1	0.2	0.2	22	0.10	0.021	15
VNL012 01+25W	Soil	0.2	8.1	9.3	78	<0.1	11.3	5.0	168	1.35	2.6	<0.5	3.4	13	<0.1	0.1	0.2	17	0.11	0.029	11
VNL012 01+50W	Soil	0.3	10.5	14.1	103	<0.1	13.3	5.9	261	1.57	5.3	0.6	4.6	19	<0.1	0.1	0.2	19	0.16	0.065	12
VNL012 01+75W	Soil	0.3	8.2	13.8	102	<0.1	11.7	5.1	373	1.37	3.7	2.0	3.6	20	<0.1	0.1	0.2	17	0.17	0.093	11
VNL012 02+00W	Soil	0.2	6.4	12.1	102	<0.1	9.6	4.0	228	1.30	2.9	<0.5	3.2	12	<0.1	0.1	0.2	15	0.11	0.025	11
VNL012 02+25W	Soil	0.2	5.9	12.1	75	<0.1	8.7	4.4	235	1.29	2.4	<0.5	3.3	12	<0.1	0.1	0.2	14	0.10	0.027	11

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Client: **PJX Resources Inc.**
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Project: VINE
Report Date: June 13, 2018

CERTIFICATE OF ANALYSIS VAN18001253.1

		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
VNL011 01+75E	Soil		8	0.21	252	0.090	3	2.76	0.023	0.11	0.1	0.02	2.4	0.1	<0.05	6	<0.5	<0.2
VNL011 02+00E	Soil		9	0.22	243	0.083	4	2.38	0.019	0.12	0.1	0.04	2.6	0.1	<0.05	5	<0.5	<0.2
VNL011 02+25E	Soil		10	0.24	294	0.104	3	3.16	0.019	0.10	0.1	0.04	2.9	0.2	<0.05	7	<0.5	<0.2
VNL011 02+50E	Soil		10	0.29	298	0.100	3	3.22	0.016	0.11	0.1	0.04	2.4	0.1	<0.05	8	0.6	<0.2
VNL011 02+75E	Soil		10	0.30	186	0.055	2	1.35	0.008	0.17	<0.1	0.01	1.9	0.1	<0.05	4	<0.5	<0.2
VNL011 03+00E	Soil		10	0.30	239	0.078	2	2.27	0.015	0.18	<0.1	0.02	2.4	0.1	<0.05	6	<0.5	<0.2
VNL011 03+25E	Soil		9	0.25	194	0.060	2	1.66	0.010	0.18	<0.1	0.02	2.1	0.1	<0.05	4	<0.5	<0.2
VNL011 03+50E	Soil		8	0.24	139	0.049	2	1.30	0.010	0.15	<0.1	0.01	1.5	0.1	<0.05	4	<0.5	<0.2
VNL011 03+75E	Soil		11	0.29	195	0.055	2	1.40	0.009	0.17	<0.1	0.01	2.0	0.1	<0.05	4	<0.5	<0.2
VNL011 04+00E	Soil		8	0.20	201	0.031	2	0.74	0.007	0.13	<0.1	0.02	1.4	<0.1	<0.05	2	<0.5	<0.2
VNL011 04+25E	Soil		10	0.26	303	0.063	3	2.04	0.012	0.16	0.1	0.02	2.3	<0.1	<0.05	5	<0.5	<0.2
VNL011 04+50E	Soil		11	0.29	191	0.052	2	1.48	0.011	0.18	<0.1	0.02	2.9	0.1	<0.05	4	<0.5	<0.2
VNL011 04+75E	Soil		8	0.20	280	0.046	3	1.32	0.012	0.12	<0.1	0.02	1.9	<0.1	<0.05	4	<0.5	<0.2
VNL011 05+00E	Soil		9	0.22	222	0.066	3	2.14	0.014	0.14	0.1	0.02	2.0	<0.1	<0.05	6	<0.5	<0.2
VNL011 05+25E	Soil		10	0.28	227	0.057	5	1.85	0.014	0.17	0.1	0.01	2.1	<0.1	<0.05	5	<0.5	<0.2
VNL011 05+50E	Soil		10	0.30	227	0.062	3	1.69	0.013	0.15	<0.1	0.02	2.7	0.1	<0.05	4	<0.5	<0.2
VNL011 05+75E	Soil		15	0.41	251	0.056	2	2.03	0.007	0.17	0.1	0.02	3.5	0.2	<0.05	5	<0.5	<0.2
VNL011 06+00E	Soil		9	0.23	341	0.063	3	1.83	0.016	0.14	<0.1	0.03	2.5	<0.1	<0.05	5	<0.5	<0.2
VNL011 06+25E	Soil		10	0.29	89	0.040	2	0.81	0.004	0.21	<0.1	<0.01	1.8	0.1	<0.05	3	<0.5	<0.2
VNL011 06+50E	Soil		11	0.30	95	0.051	2	1.24	0.007	0.15	<0.1	<0.01	2.0	0.1	<0.05	3	<0.5	<0.2
VNL012 00+00	Soil		11	0.30	47	0.035	2	0.72	0.003	0.16	<0.1	<0.01	1.8	0.1	<0.05	2	<0.5	<0.2
VNL012 00+25W	Soil		12	0.32	77	0.042	2	1.05	0.007	0.15	<0.1	<0.01	2.0	0.1	<0.05	3	<0.5	<0.2
VNL012 00+50W	Soil		12	0.34	53	0.040	2	0.83	0.006	0.19	<0.1	<0.01	2.3	0.1	<0.05	3	<0.5	<0.2
VNL012 00+75W	Soil		12	0.32	140	0.047	2	0.97	<0.001	0.20	<0.1	0.02	2.2	0.1	<0.05	3	<0.5	<0.2
VNL012 01+00W	Soil		14	0.36	80	0.059	2	1.24	0.010	0.21	<0.1	<0.01	2.8	0.1	<0.05	4	<0.5	<0.2
VNL012 01+25W	Soil		11	0.29	142	0.047	3	1.35	0.010	0.15	<0.1	<0.01	2.3	<0.1	<0.05	4	<0.5	<0.2
VNL012 01+50W	Soil		10	0.24	225	0.074	2	2.27	0.019	0.15	<0.1	0.02	2.7	<0.1	<0.05	6	<0.5	<0.2
VNL012 01+75W	Soil		9	0.23	202	0.059	3	1.81	0.013	0.17	0.1	0.02	2.1	<0.1	<0.05	5	<0.5	<0.2
VNL012 02+00W	Soil		9	0.25	161	0.050	2	1.36	0.009	0.15	0.1	0.01	1.9	<0.1	<0.05	4	<0.5	<0.2
VNL012 02+25W	Soil		9	0.26	143	0.052	3	1.22	0.010	0.17	<0.1	<0.01	1.8	0.1	<0.05	3	<0.5	<0.2

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Project: VINE
Report Date: June 13, 2018

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
VNL012 02+50W	Soil	0.5	10.6	19.4	190	<0.1	16.0	5.8	589	1.46	6.7	<0.5	3.1	31	0.2	0.1	0.2	19	0.23	0.209	11
VNL012 02+75W	Soil	0.3	6.4	13.4	116	<0.1	10.6	4.1	226	1.31	2.7	<0.5	2.7	17	<0.1	0.1	0.2	16	0.15	0.052	10
VNL012 03+00W	Soil	0.3	7.2	15.6	159	<0.1	13.4	4.7	383	1.40	3.0	<0.5	3.5	28	<0.1	0.1	0.2	14	0.19	0.102	11
VNL012 03+25W	Soil	0.4	8.3	17.0	165	<0.1	15.5	5.4	494	1.44	4.5	<0.5	3.2	24	<0.1	0.1	0.2	15	0.15	0.123	11
VNL012 03+50W	Soil	0.3	5.4	13.0	160	0.1	8.4	3.5	382	1.13	2.3	<0.5	1.9	22	0.3	<0.1	0.2	12	0.17	0.063	9
VNL012 03+75W	Soil	0.4	5.8	12.6	79	<0.1	8.1	4.4	264	1.20	2.7	<0.5	2.4	12	<0.1	<0.1	0.2	15	0.14	0.012	8
VNL012 04+00W	Soil	0.3	8.4	17.0	132	0.1	11.1	5.3	432	1.53	3.2	2.5	4.3	13	<0.1	0.2	0.2	17	0.12	0.021	16
VNL012 04+25W	Soil	0.3	6.0	12.9	191	0.1	10.2	4.1	493	1.19	2.7	<0.5	2.7	20	0.2	0.1	0.2	13	0.16	0.027	10
VNL012 04+50W	Soil	0.4	8.9	25.7	198	<0.1	17.8	6.1	260	1.52	5.6	<0.5	3.7	25	0.1	0.1	0.2	17	0.17	0.106	11
VNL012 04+75W	Soil	0.4	13.7	20.1	268	0.2	24.4	6.6	334	1.72	9.7	<0.5	4.1	35	0.3	0.2	0.2	20	0.25	0.220	14
VNL012 05+00W	Soil	0.5	11.4	17.4	242	0.1	19.2	6.4	895	1.49	6.4	<0.5	3.0	34	0.2	0.1	0.2	17	0.19	0.143	11
VNL012 05+25W	Soil	0.4	7.6	12.6	189	0.1	13.0	4.4	750	1.12	3.4	<0.5	1.8	28	0.1	<0.1	0.2	14	0.16	0.081	7
VNL012 05+50W	Soil	0.3	5.2	15.0	141	<0.1	11.5	4.1	479	1.19	2.7	<0.5	2.5	25	0.1	0.1	0.2	14	0.17	0.029	9
VNL012 05+75W	Soil	0.4	10.2	15.5	152	<0.1	20.8	6.2	465	1.45	5.1	<0.5	3.7	29	0.1	0.2	0.2	18	0.23	0.066	12
VNL012 06+00W	Soil	0.5	9.6	10.8	102	<0.1	13.3	5.1	653	1.33	5.1	<0.5	3.4	18	<0.1	0.1	0.2	14	0.14	0.067	9
VNL012 06+25W	Soil	0.3	7.9	10.9	63	<0.1	12.2	5.6	312	1.48	3.7	<0.5	4.1	14	<0.1	0.2	0.2	17	0.14	0.026	11
VNL012 06+50W	Soil	0.7	10.2	11.1	118	<0.1	14.9	5.6	416	1.57	7.1	<0.5	3.4	27	<0.1	<0.1	0.2	19	0.38	0.052	10
VNL013 00+00	Soil	0.4	11.8	15.6	243	<0.1	18.8	6.4	473	1.47	9.0	0.9	2.9	35	0.3	0.2	0.2	16	0.28	0.173	12
VNL013 00+25E	Soil	0.6	10.2	14.9	182	<0.1	17.5	6.2	779	1.53	5.7	0.6	3.4	32	0.2	0.2	0.2	16	0.22	0.195	10
VNL013 00+50E	Soil	0.2	9.6	12.4	121	<0.1	14.5	5.2	310	1.47	4.2	<0.5	3.8	28	<0.1	0.2	0.2	15	0.17	0.168	10
VNL013 00+75E	Soil	0.4	9.2	16.3	234	0.1	15.6	6.0	676	1.39	4.6	1.9	2.9	33	0.1	0.1	0.3	15	0.23	0.200	8
VNL013 01+00E	Soil	0.4	8.3	19.5	199	<0.1	17.5	6.5	452	1.44	7.0	1.8	3.1	26	0.2	0.2	0.2	17	0.19	0.135	9
VNL013 01+25E	Soil	0.5	7.4	19.1	153	<0.1	13.2	4.9	386	1.29	5.8	2.7	2.5	22	<0.1	0.2	0.2	13	0.18	0.048	8
VNL013 01+50E	Soil	0.4	10.0	17.3	251	0.1	21.1	6.2	524	1.53	7.4	1.3	3.3	32	0.2	0.2	0.2	16	0.23	0.243	10
VNL013 01+75E	Soil	0.3	7.4	18.5	226	<0.1	14.7	5.6	415	1.42	7.7	3.0	2.9	23	0.2	0.1	0.2	16	0.18	0.229	8
VNL013 02+00E	Soil	0.3	7.8	24.1	312	<0.1	14.7	5.8	452	1.32	4.3	1.9	2.3	27	0.2	0.2	0.2	15	0.19	0.068	9
VNL013 02+25E	Soil	0.4	7.5	15.2	210	<0.1	9.6	4.4	869	1.15	3.4	4.0	1.8	24	0.4	0.1	0.2	13	0.23	0.092	8
VNL013 02+50E	Soil	0.3	9.3	16.2	199	0.1	16.9	6.3	430	1.61	5.5	3.2	3.7	22	0.1	0.1	0.2	18	0.15	0.132	13
VNL013 02+75E	Soil	0.2	6.7	12.9	196	<0.1	14.2	4.5	491	1.35	3.7	<0.5	2.9	22	<0.1	<0.1	0.2	15	0.17	0.139	10
VNL013 03+00E	Soil	0.2	12.0	19.0	157	<0.1	17.3	6.3	247	1.67	5.2	1.1	4.9	23	<0.1	0.1	0.2	17	0.14	0.145	15

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Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: June 13, 2018

CERTIFICATE OF ANALYSIS VAN18001253.1

		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
VNL012 02+50W	Soil		10	0.24	275	0.073	3	2.20	0.019	0.12	0.1	0.04	2.3	0.1	<0.05	5	<0.5	<0.2
VNL012 02+75W	Soil		10	0.27	184	0.048	2	1.45	0.010	0.16	<0.1	0.01	1.9	0.1	<0.05	4	<0.5	<0.2
VNL012 03+00W	Soil		10	0.25	250	0.057	4	1.83	0.014	0.19	<0.1	0.01	2.6	0.1	<0.05	5	<0.5	<0.2
VNL012 03+25W	Soil		9	0.24	253	0.059	3	1.90	0.015	0.17	<0.1	0.02	2.3	0.1	<0.05	5	<0.5	<0.2
VNL012 03+50W	Soil		8	0.19	215	0.042	2	1.30	0.011	0.13	<0.1	0.02	1.7	0.1	<0.05	4	<0.5	<0.2
VNL012 03+75W	Soil		8	0.23	115	0.059	1	1.39	0.011	0.15	<0.1	0.01	1.9	<0.1	<0.05	4	<0.5	<0.2
VNL012 04+00W	Soil		11	0.32	169	0.062	2	1.35	0.010	0.22	<0.1	0.01	2.4	0.1	<0.05	4	<0.5	<0.2
VNL012 04+25W	Soil		8	0.23	184	0.055	2	1.40	0.010	0.16	<0.1	<0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
VNL012 04+50W	Soil		9	0.27	231	0.070	3	2.10	0.016	0.14	0.1	0.02	2.0	0.1	<0.05	6	<0.5	<0.2
VNL012 04+75W	Soil		10	0.28	261	0.096	3	2.70	0.022	0.15	0.2	0.02	2.9	0.1	<0.05	7	<0.5	<0.2
VNL012 05+00W	Soil		9	0.24	347	0.067	3	1.94	0.017	0.15	<0.1	0.02	2.2	0.1	<0.05	5	<0.5	<0.2
VNL012 05+25W	Soil		7	0.17	275	0.061	4	1.62	0.018	0.13	<0.1	0.02	1.9	<0.1	<0.05	5	<0.5	<0.2
VNL012 05+50W	Soil		8	0.25	188	0.053	2	1.38	0.011	0.16	<0.1	<0.01	1.6	0.1	<0.05	4	<0.5	<0.2
VNL012 05+75W	Soil		10	0.27	214	0.073	4	2.04	0.016	0.21	<0.1	0.01	2.1	0.1	<0.05	5	<0.5	<0.2
VNL012 06+00W	Soil		8	0.22	235	0.070	3	1.89	0.015	0.14	0.1	0.02	2.2	0.1	<0.05	5	<0.5	<0.2
VNL012 06+25W	Soil		10	0.34	138	0.066	3	1.63	0.011	0.23	<0.1	0.02	2.0	0.1	<0.05	4	<0.5	<0.2
VNL012 06+50W	Soil		8	0.25	136	0.092	3	2.61	0.028	0.16	<0.1	0.01	2.7	0.1	<0.05	6	<0.5	<0.2
VNL013 00+00	Soil		9	0.25	249	0.069	2	1.88	0.017	0.14	0.1	0.02	2.3	0.1	<0.05	4	<0.5	<0.2
VNL013 00+25E	Soil		9	0.32	273	0.072	2	1.96	0.018	0.15	0.1	0.02	2.2	0.1	<0.05	5	<0.5	<0.2
VNL013 00+50E	Soil		10	0.32	248	0.063	3	1.70	0.013	0.17	0.1	0.01	2.1	0.1	<0.05	5	<0.5	<0.2
VNL013 00+75E	Soil		9	0.28	369	0.063	4	1.68	0.016	0.15	0.1	0.02	1.8	0.1	<0.05	5	<0.5	<0.2
VNL013 01+00E	Soil		9	0.30	219	0.072	5	2.21	0.017	0.16	<0.1	0.02	1.8	<0.1	<0.05	5	<0.5	<0.2
VNL013 01+25E	Soil		8	0.28	169	0.055	3	1.34	0.013	0.12	<0.1	0.01	1.2	0.1	<0.05	4	<0.5	<0.2
VNL013 01+50E	Soil		9	0.25	248	0.076	3	2.29	0.017	0.13	0.1	0.03	2.1	0.1	<0.05	5	<0.5	<0.2
VNL013 01+75E	Soil		9	0.23	286	0.069	3	1.88	0.016	0.10	0.1	0.03	1.6	<0.1	<0.05	5	<0.5	<0.2
VNL013 02+00E	Soil		9	0.27	272	0.057	3	1.60	0.015	0.17	<0.1	0.02	1.5	0.1	<0.05	5	<0.5	<0.2
VNL013 02+25E	Soil		7	0.21	246	0.051	3	1.39	0.016	0.14	<0.1	0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
VNL013 02+50E	Soil		11	0.31	274	0.066	4	2.11	0.016	0.16	0.1	0.02	2.4	0.1	<0.05	5	<0.5	<0.2
VNL013 02+75E	Soil		10	0.26	283	0.062	4	1.61	0.016	0.17	<0.1	0.01	2.3	0.1	<0.05	5	<0.5	<0.2
VNL013 03+00E	Soil		12	0.36	210	0.070	4	2.06	0.017	0.22	0.1	0.02	2.9	0.1	<0.05	5	<0.5	<0.2

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Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: June 13, 2018

CERTIFICATE OF ANALYSIS VAN18001253.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
VNL013 03+25E	Soil	0.2	6.0	13.3	143	<0.1	9.7	4.1	486	1.19	2.3	1.7	2.5	20	<0.1	0.1	0.2	13	0.19	0.066	9
VNL013 03+50E	Soil	0.4	10.7	24.7	160	<0.1	18.6	7.5	452	1.72	7.7	3.2	3.7	28	0.2	0.2	0.3	21	0.26	0.178	10
VNL013 03+75E	Soil	0.8	9.5	22.0	218	<0.1	16.0	6.2	879	1.56	6.4	1.4	2.2	26	0.2	0.2	0.2	18	0.24	0.149	10
VNL013 04+00E	Soil	0.3	9.3	18.9	172	<0.1	16.7	6.2	507	1.52	7.7	1.4	3.4	22	0.2	<0.1	0.2	18	0.22	0.162	8
VNL013 04+25E	Soil	0.3	8.4	16.5	85	<0.1	10.7	5.0	233	1.56	3.6	7.5	4.5	12	<0.1	0.2	0.2	17	0.11	0.050	13
VNL013 04+50E	Soil	0.2	7.0	13.8	141	0.1	11.9	4.7	321	1.38	3.7	1.4	3.9	17	<0.1	0.1	0.2	16	0.12	0.083	11
VNL013 04+75E	Soil	0.2	12.8	16.2	118	<0.1	15.6	6.4	273	1.66	5.6	3.1	5.5	23	0.1	0.2	0.2	19	0.14	0.092	14
VNL013 05+00E	Soil	0.6	11.7	11.5	99	<0.1	15.5	6.3	303	1.65	6.4	1.7	3.9	21	<0.1	0.1	0.2	22	0.15	0.078	10
VNL013 05+25E	Soil	0.3	10.7	11.2	86	<0.1	13.1	5.5	357	1.56	5.0	0.7	3.5	19	<0.1	0.1	0.2	18	0.17	0.062	10
VNL013 05+50E	Soil	0.2	7.1	11.1	111	<0.1	9.7	4.5	363	1.28	1.9	2.8	3.4	15	<0.1	0.1	0.2	16	0.12	0.024	11
VNL013 05+75E	Soil	0.2	11.3	11.2	49	<0.1	11.1	6.0	183	1.63	3.1	1.5	4.8	8	<0.1	0.2	0.2	22	0.08	0.016	14
VNL013 06+00E	Soil	0.3	23.3	19.2	52	<0.1	15.2	8.4	342	1.90	6.7	4.0	8.4	8	<0.1	0.5	0.3	24	0.18	0.029	29
VNL013 06+25E	Soil	0.3	16.1	12.4	59	<0.1	13.6	6.3	163	1.65	5.2	1.8	5.7	9	<0.1	0.3	0.2	23	0.11	0.034	19
VNL013 06+50E	Soil	0.3	7.8	12.0	77	<0.1	11.1	5.0	338	1.50	3.0	1.7	3.2	16	<0.1	0.1	0.2	18	0.15	0.028	10
VNL014 00+00	Soil	0.3	9.3	11.1	109	<0.1	12.9	5.5	338	1.50	3.7	1.4	3.1	15	<0.1	0.1	0.2	19	0.21	0.028	10
VNL014 00+25W	Soil	0.4	7.6	9.3	58	<0.1	7.9	3.8	387	1.16	3.5	1.0	1.9	15	<0.1	<0.1	0.1	14	0.23	0.021	6
VNL014 00+50W	Soil	0.3	10.4	12.3	90	<0.1	12.7	5.8	464	1.61	5.7	3.4	3.8	19	<0.1	0.1	0.2	20	0.18	0.122	8
VNL014 00+75W	Soil	0.4	9.9	12.1	86	<0.1	12.5	5.5	402	1.58	6.6	3.2	3.2	23	<0.1	0.1	0.2	20	0.30	0.079	7
VNL014 01+00W	Soil	0.3	13.1	21.8	185	<0.1	18.3	8.6	797	1.81	6.7	2.8	4.3	35	0.1	0.2	0.3	20	0.28	0.178	9
VNL014 01+25W	Soil	0.2	16.3	8.5	53	0.1	11.8	4.5	264	1.25	3.5	2.2	2.5	34	<0.1	0.1	0.2	15	0.47	0.021	13
VNL014 01+50W	Soil	0.5	8.9	14.6	198	<0.1	11.6	5.5	1362	1.30	4.8	1.3	2.0	35	0.2	0.2	0.2	15	0.29	0.110	8
VNL014 01+75W	Soil	0.2	7.7	13.6	191	<0.1	13.0	4.9	538	1.39	4.2	2.2	3.2	21	<0.1	0.1	0.2	16	0.16	0.085	9
VNL014 02+00W	Soil	0.2	7.8	13.5	141	<0.1	12.4	4.8	501	1.37	3.2	<0.5	3.3	25	<0.1	0.1	0.2	16	0.18	0.106	11
VNL014 02+25W	Soil	0.2	6.4	15.5	115	<0.1	7.8	3.7	726	1.08	2.3	0.7	2.4	32	0.2	0.1	0.2	13	0.28	0.059	9
VNL014 02+50W	Soil	0.4	6.9	14.6	134	<0.1	14.7	6.1	387	1.43	5.2	1.2	3.1	19	<0.1	<0.1	0.2	16	0.20	0.064	8
VNL014 02+75W	Soil	0.4	13.4	19.4	83	<0.1	14.8	6.8	142	1.71	5.3	1.9	5.3	10	<0.1	0.2	0.2	21	0.09	0.032	14
VNL014 03+00W	Soil	0.5	6.5	11.1	118	<0.1	11.1	4.1	328	1.34	2.7	1.0	2.4	15	<0.1	<0.1	0.2	17	0.13	0.056	10
VNL014 03+25W	Soil	0.4	7.0	14.0	154	<0.1	12.9	5.1	807	1.37	4.3	1.0	2.5	19	<0.1	<0.1	0.2	17	0.15	0.127	10
VNL014 03+50W	Soil	0.2	4.8	12.2	120	<0.1	8.3	3.3	517	1.09	2.1	<0.5	2.0	18	0.1	0.1	0.2	13	0.20	0.035	9
VNL014 03+75W	Soil	0.3	10.5	19.0	161	0.1	16.2	6.3	327	1.64	5.8	1.3	3.5	21	<0.1	0.1	0.2	18	0.15	0.101	12

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		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
VNL013 03+25E	Soil		9	0.26	214	0.048	3	1.39	0.011	0.17	0.1	0.02	1.8	0.1	<0.05	4	<0.5	<0.2
VNL013 03+50E	Soil		11	0.37	250	0.079	4	2.38	0.019	0.21	0.2	0.02	2.1	0.1	<0.05	6	<0.5	<0.2
VNL013 03+75E	Soil		11	0.28	262	0.072	3	2.06	0.019	0.13	0.1	0.02	1.9	<0.1	<0.05	5	<0.5	<0.2
VNL013 04+00E	Soil		10	0.28	268	0.078	4	2.16	0.022	0.16	0.1	0.02	1.9	0.1	<0.05	6	<0.5	<0.2
VNL013 04+25E	Soil		11	0.36	137	0.060	2	1.34	0.007	0.19	<0.1	<0.01	2.0	0.1	<0.05	4	<0.5	<0.2
VNL013 04+50E	Soil		10	0.30	220	0.058	3	1.73	0.014	0.18	<0.1	0.01	2.1	0.1	<0.05	4	<0.5	<0.2
VNL013 04+75E	Soil		11	0.34	226	0.073	3	2.19	0.016	0.17	0.1	0.01	2.6	0.1	<0.05	6	<0.5	<0.2
VNL013 05+00E	Soil		11	0.30	208	0.080	3	2.49	0.021	0.14	0.2	0.02	2.6	0.1	<0.05	5	<0.5	<0.2
VNL013 05+25E	Soil		9	0.30	244	0.070	3	1.84	0.017	0.14	<0.1	0.02	2.2	<0.1	<0.05	5	<0.5	<0.2
VNL013 05+50E	Soil		10	0.32	166	0.050	2	1.23	0.010	0.14	<0.1	0.01	1.8	0.1	<0.05	4	<0.5	<0.2
VNL013 05+75E	Soil		13	0.44	78	0.052	1	1.09	0.008	0.17	<0.1	<0.01	2.4	0.1	<0.05	3	<0.5	<0.2
VNL013 06+00E	Soil		17	0.52	52	0.042	2	1.13	0.006	0.25	0.1	0.01	3.2	0.2	<0.05	3	<0.5	<0.2
VNL013 06+25E	Soil		15	0.45	60	0.050	<1	1.25	0.007	0.15	0.1	<0.01	2.7	0.1	<0.05	4	<0.5	<0.2
VNL013 06+50E	Soil		11	0.35	187	0.063	2	1.81	0.014	0.15	<0.1	<0.01	2.1	0.1	<0.05	4	<0.5	<0.2
VNL014 00+00	Soil		13	0.36	131	0.061	2	1.57	0.014	0.17	<0.1	<0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
VNL014 00+25W	Soil		7	0.24	126	0.061	2	1.58	0.019	0.11	<0.1	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
VNL014 00+50W	Soil		11	0.33	224	0.085	3	2.50	0.019	0.13	0.1	0.01	2.6	0.1	<0.05	6	<0.5	<0.2
VNL014 00+75W	Soil		10	0.31	207	0.078	4	2.27	0.024	0.13	<0.1	0.02	2.5	<0.1	<0.05	6	<0.5	<0.2
VNL014 01+00W	Soil		13	0.39	397	0.070	3	1.96	0.018	0.17	<0.1	0.02	2.4	0.1	<0.05	6	<0.5	<0.2
VNL014 01+25W	Soil		7	0.23	102	0.077	3	2.32	0.055	0.13	<0.1	<0.01	2.5	<0.1	<0.05	5	<0.5	<0.2
VNL014 01+50W	Soil		9	0.23	386	0.056	3	1.38	0.015	0.11	<0.1	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
VNL014 01+75W	Soil		10	0.28	303	0.056	3	1.64	0.015	0.15	<0.1	0.02	1.7	<0.1	<0.05	5	<0.5	<0.2
VNL014 02+00W	Soil		9	0.26	246	0.056	4	1.64	0.014	0.17	<0.1	0.02	1.9	0.1	<0.05	4	<0.5	<0.2
VNL014 02+25W	Soil		8	0.21	251	0.044	2	1.02	0.013	0.17	<0.1	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
VNL014 02+50W	Soil		10	0.26	205	0.056	5	1.79	0.014	0.19	<0.1	0.02	1.7	<0.1	<0.05	5	<0.5	<0.2
VNL014 02+75W	Soil		13	0.41	104	0.055	2	1.38	0.008	0.20	0.1	0.02	2.3	0.2	<0.05	4	<0.5	<0.2
VNL014 03+00W	Soil		11	0.28	206	0.048	3	1.55	0.013	0.17	0.1	<0.01	2.0	0.1	<0.05	4	<0.5	<0.2
VNL014 03+25W	Soil		10	0.26	252	0.049	3	1.65	0.012	0.16	0.1	0.02	1.8	0.1	<0.05	4	<0.5	<0.2
VNL014 03+50W	Soil		8	0.21	198	0.043	2	1.15	0.011	0.13	<0.1	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
VNL014 03+75W	Soil		11	0.29	247	0.061	3	2.01	0.015	0.20	0.1	0.03	2.3	0.1	<0.05	5	<0.5	<0.2

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Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: June 13, 2018

CERTIFICATE OF ANALYSIS VAN18001253.1

		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
VNL014 04+00W	Soil		0.3	8.6	13.3	132	<0.1	13.8	5.3	669	1.42	5.2	1.9	3.1	18	<0.1	<0.1	0.2	17	0.14	0.102	9
VNL014 04+25W	Soil		0.3	7.0	12.5	109	<0.1	13.0	4.9	427	1.34	3.8	1.0	2.9	16	<0.1	<0.1	0.2	15	0.14	0.046	9
VNL014 04+50W	Soil		0.3	7.2	22.5	211	<0.1	11.8	5.0	711	1.14	4.8	0.7	2.0	34	0.2	0.1	0.2	14	0.29	0.105	7
VNL014 04+75W	Soil		0.4	7.3	14.9	229	0.1	17.0	5.3	611	1.34	6.0	1.5	2.7	20	0.2	0.1	0.2	15	0.13	0.140	9
VNL014 05+00W	Soil		0.3	8.1	23.2	254	<0.1	18.3	5.9	390	1.39	5.3	0.9	2.8	22	0.1	<0.1	0.2	16	0.16	0.068	8
VNL014 05+25W	Soil		0.4	8.6	13.5	169	<0.1	14.5	5.2	753	1.29	5.9	0.6	2.4	36	<0.1	<0.1	0.4	15	0.25	0.183	8
VNL014 05+50W	Soil		0.6	8.8	14.7	119	<0.1	14.7	5.9	463	1.45	7.0	1.0	3.0	23	<0.1	<0.1	0.2	17	0.20	0.064	8
VNL014 05+75W	Soil		0.4	9.3	20.0	171	<0.1	16.5	7.6	698	1.47	5.3	2.2	3.5	24	<0.1	0.1	0.2	17	0.24	0.057	13
VNL014 06+00W	Soil		0.6	10.3	11.2	99	<0.1	11.3	4.9	505	1.26	4.9	1.9	2.7	28	0.1	<0.1	0.1	16	0.28	0.086	9
VNL014 06+25W	Soil		0.4	7.3	13.3	118	<0.1	12.6	5.0	416	1.38	3.3	1.3	3.3	17	<0.1	0.1	0.2	18	0.17	0.021	11
VNL014 06+50W	Soil		0.5	7.2	19.2	250	<0.1	13.0	5.3	742	1.30	3.7	0.9	1.9	18	0.2	0.1	0.2	15	0.20	0.060	7
VNL015 00+00	Soil		0.5	9.9	17.1	162	<0.1	17.9	7.2	531	1.67	6.5	<0.5	3.9	22	0.1	0.1	0.2	19	0.23	0.065	12
VNL015 00+25E	Soil		0.6	13.3	13.4	125	<0.1	16.9	6.6	364	1.63	7.6	1.1	4.2	23	<0.1	0.1	0.2	20	0.18	0.073	13
VNL015 00+50E	Soil		0.6	11.6	15.3	160	<0.1	19.5	7.3	594	1.79	7.5	0.5	3.8	24	0.1	0.1	0.2	21	0.23	0.078	11
VNL015 00+75E	Soil		0.5	9.1	18.3	196	<0.1	17.9	6.8	423	1.57	7.9	0.9	3.3	24	<0.1	0.1	0.2	18	0.19	0.130	8
VNL015 01+00E	Soil		0.5	11.2	17.6	146	0.1	16.9	6.6	252	1.61	8.1	1.1	3.9	21	0.1	0.1	0.2	20	0.20	0.134	9
VNL015 01+25E	Soil		0.4	8.8	14.7	164	<0.1	17.2	5.6	365	1.42	6.7	1.0	3.3	27	0.1	<0.1	0.2	16	0.23	0.080	10
VNL015 01+50E	Soil		0.6	13.5	20.8	153	0.1	20.7	7.4	322	1.69	10.0	0.7	4.4	23	0.1	0.1	0.2	21	0.16	0.191	11
VNL015 01+75E	Soil		0.3	8.6	27.9	232	<0.1	18.8	7.2	300	1.65	7.7	0.5	3.1	19	0.1	0.1	0.2	20	0.20	0.043	10
VNL015 02+00E	Soil		0.3	7.1	12.8	123	<0.1	10.5	4.6	168	1.30	2.8	1.1	3.1	13	<0.1	0.1	0.2	15	0.11	0.016	10
VNL015 02+25E	Soil		0.3	11.9	13.1	147	0.1	14.1	5.3	630	1.44	5.3	<0.5	3.4	21	<0.1	0.1	0.2	17	0.16	0.137	12
VNL015 02+50E	Soil		0.3	9.6	14.6	125	<0.1	11.7	5.5	223	1.53	4.0	0.5	3.2	13	<0.1	0.2	0.2	18	0.12	0.055	11
VNL015 02+75E	Soil		0.3	13.0	12.5	44	<0.1	11.8	5.9	167	1.63	4.1	1.2	6.1	9	<0.1	0.3	0.2	21	0.15	0.018	23
VNL015 03+00E	Soil		0.2	4.5	7.8	59	<0.1	6.9	2.9	277	0.90	1.3	<0.5	1.5	13	<0.1	<0.1	0.1	11	0.12	0.018	7
VNL015 03+25E	Soil		0.2	11.3	13.7	90	<0.1	14.1	5.8	301	1.55	4.8	0.5	4.1	21	<0.1	0.1	0.2	17	0.15	0.115	10
VNL015 03+50E	Soil		0.4	8.8	14.4	186	0.1	12.3	4.7	637	1.26	4.3	0.8	2.7	27	0.2	<0.1	0.2	16	0.21	0.154	9
VNL015 03+50ED	Soil		0.3	10.6	17.0	168	0.1	13.7	5.9	484	1.46	7.6	1.1	3.0	25	0.2	<0.1	0.2	16	0.20	0.274	9
VNL015 03+75E	Soil		0.3	9.2	17.3	113	<0.1	12.4	5.4	327	1.49	4.3	<0.5	4.3	16	<0.1	0.2	0.2	17	0.17	0.021	13
VNL015 04+00E	Soil		0.3	9.8	17.5	146	0.1	16.5	6.6	520	1.54	5.3	<0.5	3.2	29	<0.1	0.1	0.2	19	0.20	0.120	12
VNL015 04+25E	Soil		0.3	7.3	12.9	74	<0.1	10.8	4.5	183	1.42	3.3	<0.5	3.3	14	<0.1	0.2	0.2	16	0.11	0.025	11

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Client: **PJX Resources Inc.**
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Project: VINE
Report Date: June 13, 2018

CERTIFICATE OF ANALYSIS VAN18001253.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
VNL014 04+00W	Soil	9	0.23	268	0.065	3	1.98	0.017	0.15	0.1	0.02	2.0	0.1	<0.05	5	<0.5	<0.2
VNL014 04+25W	Soil	8	0.21	235	0.055	2	1.72	0.016	0.15	<0.1	0.03	1.7	0.1	<0.05	5	<0.5	<0.2
VNL014 04+50W	Soil	7	0.20	228	0.053	3	1.39	0.017	0.16	<0.1	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
VNL014 04+75W	Soil	8	0.19	224	0.064	3	1.91	0.018	0.13	<0.1	0.02	1.9	<0.1	<0.05	5	<0.5	<0.2
VNL014 05+00W	Soil	9	0.25	261	0.068	4	1.93	0.017	0.13	<0.1	0.02	1.8	0.1	<0.05	6	<0.5	<0.2
VNL014 05+25W	Soil	8	0.19	264	0.069	2	1.88	0.019	0.12	0.1	0.03	1.8	<0.1	<0.05	5	<0.5	<0.2
VNL014 05+50W	Soil	8	0.22	218	0.073	3	2.19	0.021	0.12	<0.1	0.03	2.0	<0.1	<0.05	5	<0.5	<0.2
VNL014 05+75W	Soil	10	0.28	221	0.059	4	1.63	0.016	0.17	<0.1	0.03	1.8	0.1	<0.05	5	<0.5	<0.2
VNL014 06+00W	Soil	7	0.20	184	0.074	3	2.06	0.022	0.15	<0.1	0.02	2.2	0.1	<0.05	5	<0.5	<0.2
VNL014 06+25W	Soil	10	0.31	189	0.061	2	1.51	0.011	0.21	<0.1	0.02	1.9	0.1	<0.05	4	<0.5	<0.2
VNL014 06+50W	Soil	9	0.25	203	0.058	2	1.40	0.013	0.14	<0.1	0.03	1.3	0.1	<0.05	5	<0.5	<0.2
VNL015 00+00	Soil	10	0.27	246	0.081	2	2.25	0.022	0.15	<0.1	0.02	2.5	0.2	<0.05	6	<0.5	<0.2
VNL015 00+25E	Soil	9	0.24	172	0.091	2	2.59	0.024	0.12	0.1	0.03	3.1	0.1	<0.05	6	<0.5	<0.2
VNL015 00+50E	Soil	12	0.34	240	0.079	3	2.48	0.020	0.15	0.1	0.02	2.7	0.1	<0.05	6	<0.5	<0.2
VNL015 00+75E	Soil	9	0.25	234	0.075	3	2.24	0.019	0.15	<0.1	0.02	1.8	0.1	<0.05	6	<0.5	<0.2
VNL015 01+00E	Soil	9	0.22	172	0.085	2	2.52	0.020	0.13	0.1	0.03	2.6	0.1	<0.05	6	<0.5	<0.2
VNL015 01+25E	Soil	9	0.21	227	0.067	3	2.00	0.020	0.13	0.1	0.01	2.2	<0.1	<0.05	5	<0.5	<0.2
VNL015 01+50E	Soil	10	0.24	195	0.084	3	2.51	0.020	0.13	0.2	0.03	2.6	0.1	<0.05	6	<0.5	<0.2
VNL015 01+75E	Soil	11	0.29	200	0.064	3	1.97	0.015	0.18	<0.1	0.02	1.6	0.1	<0.05	6	<0.5	<0.2
VNL015 02+00E	Soil	8	0.24	170	0.055	1	1.40	0.013	0.15	<0.1	<0.01	1.8	0.1	<0.05	4	<0.5	<0.2
VNL015 02+25E	Soil	10	0.22	260	0.063	2	1.94	0.018	0.14	0.1	0.03	2.4	0.1	<0.05	5	<0.5	<0.2
VNL015 02+50E	Soil	11	0.31	178	0.045	2	1.37	0.008	0.18	<0.1	0.02	1.9	0.1	<0.05	4	<0.5	<0.2
VNL015 02+75E	Soil	14	0.45	58	0.043	<1	1.02	0.007	0.20	<0.1	0.01	2.6	0.1	<0.05	3	<0.5	<0.2
VNL015 03+00E	Soil	7	0.18	124	0.041	2	1.10	0.011	0.11	<0.1	0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
VNL015 03+25E	Soil	10	0.27	229	0.063	2	2.07	0.014	0.14	0.1	0.02	2.3	0.1	<0.05	5	<0.5	<0.2
VNL015 03+50E	Soil	9	0.20	321	0.056	2	1.73	0.016	0.12	0.1	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
VNL015 03+50ED	Soil	10	0.21	260	0.062	2	1.94	0.018	0.16	0.1	0.03	2.3	0.1	<0.05	5	<0.5	<0.2
VNL015 03+75E	Soil	10	0.28	199	0.056	2	1.48	0.011	0.17	<0.1	0.02	2.0	0.1	<0.05	4	<0.5	<0.2
VNL015 04+00E	Soil	10	0.25	231	0.062	3	1.96	0.018	0.15	0.1	0.02	2.1	0.1	<0.05	5	<0.5	<0.2
VNL015 04+25E	Soil	9	0.26	148	0.057	2	1.51	0.012	0.17	<0.1	0.01	1.7	0.1	<0.05	4	<0.5	<0.2

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
VNL015 04+50E	Soil	0.3	9.8	13.2	148	<0.1	12.6	6.1	462	1.50	2.9	0.7	2.8	14	<0.1	0.2	0.2	20	0.15	0.029	11
VNL015 04+75E	Soil	0.4	14.2	15.1	117	<0.1	16.7	6.6	353	1.69	6.3	1.0	4.2	26	0.1	0.2	0.2	22	0.21	0.128	13
VNL015 05+00E	Soil	0.5	11.7	14.9	154	0.2	15.1	5.6	387	1.58	7.0	1.8	3.8	25	0.2	0.1	0.2	19	0.24	0.100	9
VNL015 05+25E	Soil	0.4	9.8	11.1	98	<0.1	11.0	5.3	358	1.34	6.1	0.6	2.7	20	<0.1	0.1	0.2	18	0.18	0.106	7
VNL015 05+50E	Soil	0.3	14.5	13.3	68	<0.1	13.4	7.0	153	1.77	6.0	1.9	4.7	28	<0.1	0.2	0.2	23	0.18	0.030	9
VNL015 05+75E	Soil	0.4	14.3	13.7	84	0.1	15.6	7.5	237	1.86	8.4	1.2	4.2	18	<0.1	0.2	0.2	27	0.17	0.049	9
VNL015 06+00E	Soil	0.3	14.0	12.2	111	0.1	13.5	6.3	521	1.59	6.2	1.4	3.6	22	<0.1	0.1	0.2	21	0.17	0.130	10
VNL015 06+25E	Soil	0.3	11.5	14.0	142	<0.1	15.1	6.3	444	1.65	6.6	1.1	3.8	23	<0.1	0.2	0.2	21	0.20	0.099	10
VNL015 06+50E	Soil	0.4	14.9	16.6	145	0.2	15.6	6.9	567	1.72	5.7	2.3	3.2	21	0.1	0.3	0.2	24	0.22	0.041	15
VNL016 00+00	Soil	0.4	10.7	16.1	198	<0.1	23.7	7.1	426	1.59	6.6	<0.5	3.9	25	0.1	0.1	0.2	20	0.18	0.086	13
VNL016 00+25E	Soil	0.5	15.2	18.6	177	<0.1	24.5	8.9	280	1.88	10.5	<0.5	5.2	26	0.2	0.2	0.3	24	0.23	0.060	14
VNL016 00+50E	Soil	0.6	13.2	19.4	175	<0.1	22.4	8.2	274	1.95	8.3	1.3	5.4	26	0.1	0.2	0.3	22	0.15	0.055	13
VNL016 00+75E	Soil	0.4	13.8	15.5	127	<0.1	18.8	6.7	351	1.66	7.9	1.2	4.5	27	<0.1	0.2	0.2	20	0.17	0.097	13
VNL016 01+00E	Soil	0.5	17.5	17.3	161	0.2	16.6	6.8	324	1.54	7.5	2.2	3.7	30	0.1	0.1	0.2	20	0.23	0.103	17
VNL016 01+25E	Soil	0.5	14.7	18.3	181	0.2	21.2	7.6	439	1.61	6.7	2.8	4.2	25	0.2	0.2	0.2	22	0.21	0.083	18
VNL016 01+50E	Soil	0.5	15.4	22.2	179	0.2	20.0	7.3	348	1.73	9.0	1.5	4.7	21	0.1	0.2	0.2	22	0.15	0.134	15
VNL016 01+75E	Soil	0.4	16.4	21.1	208	0.1	18.1	7.1	413	1.58	6.2	0.6	4.3	27	0.1	0.2	0.2	20	0.19	0.108	14
VNL016 02+00E	Soil	0.4	11.4	14.3	94	<0.1	17.3	7.1	184	1.71	4.0	0.5	5.0	22	<0.1	0.2	0.2	23	0.17	0.030	11
VNL016 02+25E	Soil	0.3	13.3	16.4	93	<0.1	15.4	7.1	220	1.84	4.0	<0.5	5.0	16	<0.1	0.2	0.3	23	0.14	0.034	13
VNL016 02+50E	Soil	0.4	12.3	17.2	111	<0.1	17.8	7.8	275	1.74	6.1	<0.5	4.2	16	<0.1	0.2	0.2	22	0.13	0.074	13
VNL016 02+50ED	Soil	0.3	12.9	17.3	112	<0.1	18.4	7.9	272	1.74	6.1	<0.5	4.2	16	<0.1	0.3	0.2	22	0.14	0.071	14
VNL016 02+75E	Soil	0.3	10.7	12.9	157	<0.1	13.6	6.0	387	1.52	5.0	3.4	4.1	17	0.1	0.2	0.2	19	0.15	0.152	12
VNL016 03+00E	Soil	0.2	10.5	12.5	90	<0.1	14.7	5.6	245	1.58	4.2	1.9	3.9	19	<0.1	0.1	0.2	18	0.15	0.103	11
VNL016 03+25E	Soil	0.3	8.1	13.1	113	<0.1	13.1	5.2	385	1.37	3.7	0.5	3.3	19	<0.1	0.2	0.2	17	0.13	0.126	10
VNL016 03+50E	Soil	0.2	10.0	18.0	117	<0.1	14.2	6.4	164	1.72	4.2	1.0	5.2	12	<0.1	0.2	0.2	19	0.11	0.046	14
VNL016 03+75E	Soil	0.3	10.7	12.0	86	<0.1	10.5	5.2	334	1.41	3.9	0.9	3.0	13	<0.1	0.2	0.2	18	0.17	0.047	14
VNL016 04+00E	Soil	0.4	11.2	16.9	104	0.1	14.3	5.9	367	1.36	5.3	<0.5	3.2	27	0.1	0.1	0.2	18	0.23	0.069	13
VNL016 04+25E	Soil	0.2	12.1	20.5	205	0.1	21.4	7.7	551	1.91	7.0	2.7	4.0	28	0.1	0.2	0.3	25	0.21	0.061	12
VNL016 04+50E	Soil	0.3	15.4	19.4	211	0.2	21.7	7.5	348	1.71	7.6	1.0	3.7	27	0.2	0.2	0.3	22	0.23	0.129	11
VNL016 04+75E	Soil	0.3	11.6	15.8	140	0.1	14.4	6.2	608	1.51	9.8	1.6	3.6	41	0.1	0.2	0.2	18	0.31	0.188	8

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: June 13, 2018

CERTIFICATE OF ANALYSIS VAN18001253.1

		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
VNL015 04+50E	Soil		13	0.42	144	0.047	1	1.27	0.008	0.15	<0.1	0.01	1.7	0.1	<0.05	3	<0.5	<0.2
VNL015 04+75E	Soil		10	0.33	234	0.091	3	2.64	0.025	0.17	0.2	0.02	3.0	0.1	<0.05	6	<0.5	<0.2
VNL015 05+00E	Soil		9	0.26	269	0.094	3	2.64	0.027	0.12	0.2	0.02	2.8	0.1	<0.05	6	<0.5	<0.2
VNL015 05+25E	Soil		9	0.26	158	0.061	2	1.67	0.019	0.10	<0.1	0.02	2.1	<0.1	<0.05	4	<0.5	<0.2
VNL015 05+50E	Soil		12	0.37	251	0.083	2	2.49	0.023	0.14	<0.1	0.02	2.6	<0.1	<0.05	6	<0.5	<0.2
VNL015 05+75E	Soil		13	0.40	200	0.088	1	2.47	0.020	0.13	0.1	0.02	2.7	0.1	<0.05	6	<0.5	<0.2
VNL015 06+00E	Soil		11	0.32	234	0.068	2	1.91	0.017	0.12	<0.1	0.03	2.3	<0.1	<0.05	5	<0.5	<0.2
VNL015 06+25E	Soil		13	0.37	241	0.065	3	2.06	0.018	0.17	<0.1	0.02	2.5	0.1	<0.05	5	0.6	<0.2
VNL015 06+50E	Soil		14	0.38	195	0.050	<1	1.57	0.015	0.13	<0.1	0.02	2.5	<0.1	<0.05	5	<0.5	<0.2
VNL016 00+00	Soil		12	0.36	226	0.079	3	2.20	0.019	0.17	<0.1	0.01	2.5	0.2	<0.05	6	<0.5	<0.2
VNL016 00+25E	Soil		12	0.36	222	0.101	2	2.34	0.023	0.15	0.1	0.02	2.7	0.1	<0.05	6	0.5	<0.2
VNL016 00+50E	Soil		12	0.38	235	0.088	2	2.32	0.020	0.18	0.1	0.01	2.9	0.2	<0.05	6	<0.5	<0.2
VNL016 00+75E	Soil		10	0.30	204	0.091	2	2.63	0.028	0.15	0.2	0.02	3.4	0.1	<0.05	6	<0.5	<0.2
VNL016 01+00E	Soil		9	0.27	212	0.098	2	2.73	0.031	0.12	0.1	0.02	3.9	0.1	<0.05	6	<0.5	<0.2
VNL016 01+25E	Soil		10	0.29	198	0.097	2	2.50	0.025	0.13	0.1	0.03	3.5	0.1	<0.05	6	<0.5	<0.2
VNL016 01+50E	Soil		11	0.29	168	0.096	2	2.57	0.027	0.14	0.1	0.03	2.9	0.1	<0.05	6	<0.5	<0.2
VNL016 01+75E	Soil		10	0.30	187	0.082	2	2.24	0.027	0.14	0.2	0.02	3.0	0.1	<0.05	5	<0.5	<0.2
VNL016 02+00E	Soil		11	0.34	235	0.082	2	2.39	0.019	0.18	0.1	<0.01	2.3	0.1	<0.05	6	<0.5	<0.2
VNL016 02+25E	Soil		13	0.39	174	0.073	2	1.74	0.015	0.21	<0.1	<0.01	2.8	0.2	<0.05	5	<0.5	<0.2
VNL016 02+50E	Soil		13	0.38	164	0.062	2	1.80	0.017	0.17	<0.1	0.01	2.2	0.1	<0.05	5	<0.5	<0.2
VNL016 02+50ED	Soil		13	0.38	163	0.062	2	1.91	0.017	0.17	0.1	0.02	2.3	0.1	<0.05	5	<0.5	<0.2
VNL016 02+75E	Soil		11	0.33	178	0.057	2	1.56	0.014	0.12	0.1	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
VNL016 03+00E	Soil		10	0.32	219	0.069	2	2.06	0.006	0.14	0.1	0.01	2.6	0.1	<0.05	5	<0.5	<0.2
VNL016 03+25E	Soil		10	0.29	222	0.058	2	1.75	0.013	0.11	<0.1	0.01	2.3	<0.1	<0.05	4	<0.5	<0.2
VNL016 03+50E	Soil		13	0.41	142	0.066	2	1.63	0.010	0.18	0.1	0.01	2.4	0.1	<0.05	4	<0.5	<0.2
VNL016 03+75E	Soil		11	0.35	132	0.047	1	1.25	0.011	0.17	<0.1	<0.01	2.3	0.1	<0.05	3	<0.5	<0.2
VNL016 04+00E	Soil		9	0.24	200	0.078	2	1.91	0.027	0.16	<0.1	0.02	2.2	0.1	<0.05	5	<0.5	<0.2
VNL016 04+25E	Soil		15	0.43	325	0.074	3	2.24	0.017	0.20	<0.1	0.01	2.8	0.1	<0.05	6	<0.5	<0.2
VNL016 04+50E	Soil		12	0.35	248	0.082	3	2.27	0.021	0.15	0.1	0.01	2.7	0.1	<0.05	6	<0.5	<0.2
VNL016 04+75E	Soil		10	0.27	289	0.078	4	2.05	0.022	0.15	<0.1	0.03	2.3	0.1	<0.05	5	<0.5	<0.2

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Project: VINE
Report Date: June 13, 2018

CERTIFICATE OF ANALYSIS VAN18001253.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
VNL016 05+00E	Soil	0.4	14.1	10.1	102	0.1	12.1	5.5	294	1.39	9.6	2.3	2.9	27	<0.1	0.1	0.2	19	0.28	0.090	10
VNL016 05+25E	Soil	0.3	17.2	16.2	109	<0.1	17.8	8.1	405	1.89	8.1	0.7	4.6	17	0.1	0.2	0.3	28	0.19	0.137	11
VNL016 05+50E	Soil	0.2	7.7	8.6	41	<0.1	8.0	4.5	159	1.20	2.9	1.2	2.5	12	<0.1	0.1	0.1	17	0.14	0.017	8
VNL016 05+75E	Soil	0.3	15.5	14.4	98	0.1	16.8	7.9	226	1.77	7.1	<0.5	4.4	20	<0.1	0.1	0.2	26	0.16	0.101	10
VNL016 06+00E	Soil	0.5	13.2	12.7	86	<0.1	14.0	6.0	322	1.59	7.8	0.7	3.7	22	0.1	0.2	0.2	21	0.20	0.112	10
VNL016 06+25E	Soil	0.3	12.6	18.7	91	<0.1	13.6	6.0	170	1.76	6.6	1.1	6.7	11	<0.1	0.5	0.2	22	0.12	0.026	21
VNL016 06+50E	Soil	0.4	13.0	17.4	119	<0.1	15.8	6.8	246	1.88	6.3	<0.5	4.8	14	<0.1	0.2	0.2	25	0.15	0.026	11
VNL017 00+00	Soil	0.4	20.4	20.8	112	<0.1	19.8	9.4	269	2.13	7.5	0.8	6.3	20	0.1	0.3	0.3	21	0.18	0.100	15
VNL017 00+25E	Soil	0.6	9.0	29.3	210	<0.1	16.1	7.3	505	1.87	7.5	<0.5	4.0	20	0.2	0.2	0.3	18	0.20	0.047	11
VNL017 00+50E	Soil	0.5	12.4	14.4	139	0.1	18.3	6.2	560	1.43	6.2	0.8	3.5	32	0.2	0.1	0.2	15	0.24	0.127	13
VNL017 00+75E	Soil	0.4	11.2	18.0	125	<0.1	18.6	6.5	251	1.59	8.0	1.2	4.9	24	0.1	0.1	0.2	17	0.18	0.117	13
VNL017 00+75ED	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
VNL017 00+75D	Soil	0.3	12.3	18.0	124	<0.1	18.9	6.7	238	1.66	8.6	<0.5	5.1	24	<0.1	0.2	0.2	18	0.18	0.107	15
VNL017 01+00E	Soil	0.4	12.1	18.1	180	<0.1	19.0	6.7	690	1.50	9.4	<0.5	3.8	30	0.1	0.1	0.2	17	0.18	0.135	11
VNL017 01+25E	Soil	0.6	10.1	15.9	139	<0.1	14.8	6.4	618	1.51	6.5	0.6	4.0	23	0.1	<0.1	0.2	17	0.19	0.072	10
VNL017 01+50E	Soil	0.4	14.2	21.1	134	0.1	17.8	7.1	210	1.63	9.4	1.4	4.7	16	0.1	0.2	0.2	20	0.13	0.105	13
VNL017 01+75E	Soil	0.4	10.5	23.5	216	0.1	19.1	6.9	496	1.70	6.8	1.0	4.5	17	<0.1	0.1	0.3	20	0.15	0.075	14
VNL017 02+00E	Soil	0.3	7.4	13.0	121	<0.1	10.3	5.4	476	1.35	3.9	0.8	3.3	15	0.1	0.1	0.2	15	0.13	0.206	8
VNL017 02+25E	Soil	0.3	15.9	18.0	80	<0.1	12.1	5.6	394	1.52	5.4	1.0	5.8	14	<0.1	0.3	0.2	19	0.16	0.023	22
VNL017 02+50E	Soil	0.2	7.5	13.8	108	<0.1	12.9	5.6	239	1.53	3.3	<0.5	3.2	10	<0.1	0.2	0.2	18	0.11	0.031	10
VNL017 02+75E	Soil	0.2	6.7	13.0	112	<0.1	11.2	4.4	333	1.41	2.5	<0.5	3.4	17	<0.1	0.1	0.2	15	0.17	0.061	9
VNL017 03+00E	Soil	0.2	7.6	13.1	100	<0.1	13.4	4.8	231	1.53	4.0	<0.5	3.5	15	<0.1	0.1	0.2	16	0.12	0.090	9
VNL017 03+25E	Soil	0.2	12.2	21.3	118	<0.1	14.4	6.4	330	1.65	4.2	<0.5	5.4	13	<0.1	0.3	0.2	19	0.13	0.071	13
VNL017 03+50E	Soil	0.4	10.9	15.5	224	0.1	13.8	7.1	1024	1.63	7.1	0.5	2.3	24	0.3	0.1	0.3	17	0.29	0.196	8
VNL017 03+75E	Soil	0.4	8.3	17.4	133	<0.1	12.5	5.0	512	1.27	6.3	1.4	2.3	22	<0.1	0.1	0.2	16	0.21	0.082	6
VNL017 04+00E	Soil	0.2	13.3	28.7	184	<0.1	19.4	8.5	371	1.88	5.8	<0.5	4.4	16	<0.1	0.2	0.3	20	0.15	0.050	11
VNL017 04+25E	Soil	0.3	9.4	15.0	186	0.1	17.2	5.1	586	1.41	6.6	<0.5	2.6	26	<0.1	0.1	0.2	17	0.25	0.113	10
VNL017 04+50E	Soil	0.4	8.3	12.3	163	0.1	14.7	4.7	552	1.30	6.6	<0.5	2.3	28	0.1	<0.1	0.2	16	0.24	0.078	10
VNL017 04+75E	Soil	0.3	11.9	17.0	167	0.1	15.4	6.1	632	1.40	7.3	0.8	2.7	26	<0.1	0.1	0.2	17	0.27	0.101	9
VNL017 05+00E	Soil	0.4	15.2	16.5	159	0.2	16.6	6.6	293	1.68	8.3	1.8	4.0	20	0.1	0.2	0.3	20	0.18	0.142	10

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: June 13, 2018

CERTIFICATE OF ANALYSIS VAN18001253.1

		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
VNL016 05+00E	Soil		8	0.22	134	0.098	2	2.56	0.035	0.09	0.1	0.03	2.8	<0.1	<0.05	6	<0.5	<0.2
VNL016 05+25E	Soil		14	0.41	169	0.082	3	2.25	0.018	0.16	0.1	0.02	3.0	0.1	<0.05	5	1.0	<0.2
VNL016 05+50E	Soil		9	0.30	93	0.049	2	1.14	0.011	0.10	<0.1	0.01	2.0	<0.1	<0.05	3	<0.5	<0.2
VNL016 05+75E	Soil		14	0.42	177	0.074	2	2.17	0.017	0.13	0.1	0.01	2.8	<0.1	<0.05	5	0.5	<0.2
VNL016 06+00E	Soil		11	0.30	176	0.082	2	2.37	0.022	0.13	0.1	0.03	2.7	0.1	<0.05	5	<0.5	<0.2
VNL016 06+25E	Soil		13	0.35	78	0.046	2	1.18	0.007	0.20	<0.1	0.01	2.7	<0.1	<0.05	3	<0.5	<0.2
VNL016 06+50E	Soil		14	0.35	160	0.058	2	1.80	0.011	0.17	0.1	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
VNL017 00+00	Soil		14	0.52	127	0.055	3	1.86	0.006	0.22	0.1	0.02	2.2	0.2	<0.05	5	<0.5	<0.2
VNL017 00+25E	Soil		10	0.30	250	0.073	4	2.19	0.012	0.20	<0.1	0.02	2.0	0.1	<0.05	6	<0.5	<0.2
VNL017 00+50E	Soil		9	0.24	283	0.066	3	2.01	0.017	0.13	0.1	0.03	2.7	0.1	<0.05	5	<0.5	<0.2
VNL017 00+75E	Soil		10	0.27	231	0.068	3	2.18	0.015	0.15	0.1	0.02	2.4	0.1	<0.05	5	<0.5	<0.2
VNL017 00+75ED	Soil		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
VNL017 00+75D	Soil		10	0.29	223	0.069	2	2.19	0.014	0.14	0.1	0.02	2.4	0.1	<0.05	6	<0.5	<0.2
VNL017 01+00E	Soil		9	0.22	264	0.075	3	2.34	0.018	0.14	0.2	0.02	2.4	0.1	<0.05	6	<0.5	<0.2
VNL017 01+25E	Soil		9	0.23	249	0.072	2	2.22	0.018	0.13	0.1	0.02	2.5	0.1	<0.05	5	<0.5	<0.2
VNL017 01+50E	Soil		10	0.26	166	0.070	3	2.04	0.014	0.13	0.2	0.03	2.5	0.1	<0.05	5	<0.5	<0.2
VNL017 01+75E	Soil		11	0.26	248	0.073	3	2.21	0.020	0.13	0.1	0.03	2.7	0.1	<0.05	6	<0.5	<0.2
VNL017 02+00E	Soil		9	0.21	276	0.048	2	1.56	0.009	0.14	<0.1	0.04	1.8	0.1	<0.05	4	<0.5	<0.2
VNL017 02+25E	Soil		11	0.32	126	0.049	2	1.19	0.009	0.19	<0.1	0.02	2.3	0.2	<0.05	3	<0.5	<0.2
VNL017 02+50E	Soil		11	0.31	171	0.053	<1	1.59	0.010	0.15	<0.1	0.01	2.0	0.1	<0.05	4	<0.5	<0.2
VNL017 02+75E	Soil		9	0.25	224	0.053	3	1.64	0.012	0.17	<0.1	0.02	1.9	<0.1	<0.05	5	<0.5	<0.2
VNL017 03+00E	Soil		10	0.26	235	0.062	3	2.07	0.011	0.12	0.1	0.02	2.1	<0.1	<0.05	5	<0.5	<0.2
VNL017 03+25E	Soil		12	0.34	170	0.051	2	1.59	0.007	0.18	0.1	0.02	2.1	0.1	<0.05	4	<0.5	<0.2
VNL017 03+50E	Soil		9	0.24	333	0.067	3	2.09	0.013	0.12	<0.1	0.03	2.0	0.1	<0.05	6	<0.5	<0.2
VNL017 03+75E	Soil		8	0.20	203	0.072	3	1.98	0.018	0.12	<0.1	0.03	1.6	<0.1	<0.05	5	<0.5	<0.2
VNL017 04+00E	Soil		13	0.38	191	0.067	3	2.08	0.009	0.16	<0.1	0.02	2.0	0.2	<0.05	6	<0.5	<0.2
VNL017 04+25E	Soil		9	0.21	258	0.075	4	2.11	0.020	0.14	<0.1	0.02	2.0	0.1	<0.05	5	<0.5	<0.2
VNL017 04+50E	Soil		8	0.18	279	0.070	3	2.06	0.020	0.14	<0.1	0.03	2.5	<0.1	<0.05	5	<0.5	<0.2
VNL017 04+75E	Soil		9	0.23	274	0.069	3	2.16	0.016	0.14	<0.1	0.03	1.9	0.1	<0.05	5	<0.5	<0.2
VNL017 05+00E	Soil		10	0.24	194	0.089	3	2.61	0.020	0.11	0.1	0.03	2.8	0.1	<0.05	7	<0.5	<0.2

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Project: VINE
Report Date: June 13, 2018

CERTIFICATE OF ANALYSIS VAN18001253.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
VNL017 05+25E	Soil	0.3	8.0	14.6	200	<0.1	11.4	4.5	834	1.27	4.7	1.9	2.4	33	0.1	<0.1	0.2	15	0.27	0.199	7
VNL017 05+50E	Soil	0.2	8.5	10.1	82	<0.1	10.6	5.4	349	1.35	3.1	1.8	2.6	14	<0.1	0.1	0.2	20	0.15	0.022	9
VNL017 05+75E	Soil	0.4	8.4	11.7	91	<0.1	10.2	4.7	588	1.23	5.1	2.0	2.5	19	<0.1	0.1	0.2	16	0.18	0.070	7
VNL017 06+00E	Soil	0.3	10.0	17.4	151	<0.1	10.3	5.3	1248	1.35	4.9	1.0	4.6	23	0.2	0.2	0.2	16	0.24	0.030	15
VNL017 06+25E	Soil	0.3	14.8	18.1	89	<0.1	13.6	6.5	304	1.76	8.4	1.2	4.8	11	<0.1	0.3	0.2	25	0.20	0.017	15
VNL017 06+50E	Soil	0.2	7.7	12.2	132	<0.1	12.3	4.9	370	1.45	4.2	3.2	3.0	13	<0.1	0.1	0.2	19	0.19	0.022	9
VNL018 00+00	Soil	0.4	12.5	21.1	149	<0.1	21.3	7.2	400	1.69	6.2	<0.5	3.7	26	<0.1	0.1	0.2	20	0.17	0.081	14
VNL018 00+25E	Soil	0.4	12.8	18.9	177	0.1	17.7	6.3	794	1.57	7.0	0.6	3.8	28	0.1	0.1	0.2	17	0.18	0.186	13
VNL018 00+50E	Soil	0.3	10.9	13.6	70	<0.1	12.9	5.5	183	1.53	5.5	<0.5	4.4	19	<0.1	0.2	0.2	16	0.14	0.032	11
VNL018 00+75E	Soil	0.5	13.2	17.8	146	0.1	21.2	7.4	234	1.73	6.1	0.6	4.6	20	0.1	0.2	0.2	20	0.19	0.087	12
VNL018 01+00E	Soil	0.6	13.3	15.6	114	<0.1	18.7	7.2	352	1.57	7.2	<0.5	4.8	24	0.1	0.1	0.2	20	0.18	0.072	17
VNL018 01+25E	Soil	0.5	5.8	14.3	99	<0.1	10.0	4.3	336	1.04	6.0	0.6	1.9	12	<0.1	<0.1	0.2	13	0.11	0.074	6
VNL018 01+50E	Soil	0.3	13.1	16.5	99	<0.1	15.7	6.3	260	1.50	6.0	<0.5	5.0	19	<0.1	0.2	0.2	19	0.17	0.047	11
VNL018 01+75E	Soil	0.4	12.9	19.9	112	<0.1	16.3	7.2	279	1.64	6.6	1.4	4.7	10	<0.1	0.3	0.3	17	0.10	0.028	13
VNL018 02+00E	Soil	0.2	8.9	14.5	94	<0.1	14.0	5.8	203	1.61	4.2	1.1	4.3	19	<0.1	0.1	0.2	18	0.15	0.034	11
VNL018 02+25E	Soil	0.3	7.1	12.3	178	<0.1	12.1	5.0	504	1.32	3.9	2.4	2.7	17	<0.1	0.1	0.2	15	0.16	0.080	9
VNL018 02+50E	Soil	0.3	8.4	12.7	99	<0.1	11.5	4.9	366	1.38	2.8	1.9	3.1	19	<0.1	0.1	0.2	16	0.15	0.034	10
VNL018 02+75E	Soil	0.3	15.5	16.5	95	<0.1	13.4	6.5	252	1.62	6.5	0.9	4.5	17	<0.1	0.2	0.2	20	0.15	0.080	15
VNL018 03+00E	Soil	0.3	12.8	14.5	88	<0.1	14.8	6.4	253	1.59	5.2	0.8	4.7	17	<0.1	0.1	0.2	19	0.16	0.073	14
VNL018 03+00ED	Soil	0.3	12.2	14.7	94	<0.1	14.7	6.2	271	1.62	4.9	1.0	4.5	17	<0.1	0.1	0.2	18	0.17	0.075	13
VNL018 03+25E	Soil	0.1	12.3	10.4	86	0.1	12.8	4.4	109	1.18	4.0	1.2	3.1	25	<0.1	<0.1	0.2	11	0.34	0.032	9
VNL018 03+50E	Soil	0.3	9.6	15.6	120	0.1	12.8	5.7	191	1.49	4.4	15.8	4.1	16	0.1	0.1	0.2	18	0.14	0.066	11
VNL018 03+75E	Soil	0.2	7.2	12.4	120	<0.1	10.7	4.3	601	1.22	3.0	0.6	3.1	27	<0.1	0.1	0.2	13	0.21	0.118	8
VNL018 04+00E	Soil	0.3	8.7	13.4	65	<0.1	12.0	5.4	151	1.43	2.9	1.2	3.7	15	<0.1	0.1	0.2	17	0.13	0.027	9
VNL018 04+25E	Soil	0.3	14.0	25.6	157	<0.1	21.0	8.1	326	1.77	9.9	4.1	5.2	26	0.1	0.2	0.3	21	0.25	0.141	10
VNL018 04+50E	Soil	0.3	16.2	24.2	138	0.1	21.4	8.1	306	1.91	8.3	1.7	5.8	24	<0.1	0.2	0.3	22	0.17	0.095	10
VNL018 04+75E	Soil	0.3	8.8	17.9	145	<0.1	14.4	5.4	381	1.39	5.6	0.6	3.1	21	<0.1	0.1	0.2	16	0.21	0.062	7
VNL018 05+00E	Soil	0.5	11.6	13.9	84	<0.1	13.6	5.5	346	1.50	7.0	0.9	3.4	22	<0.1	<0.1	0.2	17	0.22	0.034	8
VNL018 05+25E	Soil	0.3	6.8	15.9	112	<0.1	9.6	4.6	380	1.25	3.5	<0.5	2.9	13	<0.1	0.1	0.2	14	0.12	0.032	7
VNL018 05+50E	Soil	0.3	8.6	15.3	128	<0.1	11.2	4.7	586	1.26	6.0	0.8	2.5	23	0.1	0.1	0.2	15	0.24	0.097	7

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		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
VNL017 05+25E	Soil		9	0.22	365	0.059	3	1.64	0.014	0.16	<0.1	0.02	1.7	0.1	<0.05	5	<0.5	<0.2
VNL017 05+50E	Soil		11	0.33	122	0.048	2	1.16	0.008	0.15	<0.1	<0.01	2.0	<0.1	<0.05	4	<0.5	<0.2
VNL017 05+75E	Soil		8	0.22	202	0.052	2	1.50	0.012	0.13	<0.1	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
VNL017 06+00E	Soil		10	0.25	236	0.032	1	0.94	0.006	0.19	<0.1	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
VNL017 06+25E	Soil		13	0.38	91	0.051	1	1.45	0.006	0.15	<0.1	0.01	2.5	0.1	<0.05	4	<0.5	<0.2
VNL017 06+50E	Soil		13	0.30	143	0.051	3	1.47	0.010	0.18	<0.1	0.02	2.1	0.1	<0.05	4	<0.5	<0.2
VNL018 00+00	Soil		11	0.31	241	0.076	3	2.30	0.014	0.20	0.1	0.02	2.3	0.2	<0.05	6	<0.5	<0.2
VNL018 00+25E	Soil		10	0.25	314	0.071	2	2.22	0.015	0.14	0.1	0.02	2.7	0.1	<0.05	5	<0.5	<0.2
VNL018 00+50E	Soil		11	0.39	145	0.056	2	1.36	0.008	0.20	<0.1	<0.01	2.1	0.1	<0.05	4	<0.5	<0.2
VNL018 00+75E	Soil		10	0.29	194	0.079	2	2.34	0.017	0.13	0.2	0.02	2.6	0.1	<0.05	6	<0.5	<0.2
VNL018 01+00E	Soil		10	0.25	216	0.084	2	2.47	0.020	0.13	0.1	0.03	3.2	0.1	<0.05	6	<0.5	<0.2
VNL018 01+25E	Soil		6	0.15	161	0.057	2	1.48	0.014	0.09	<0.1	0.02	1.4	0.1	<0.05	4	<0.5	<0.2
VNL018 01+50E	Soil		9	0.26	221	0.073	2	2.09	0.017	0.18	0.1	0.01	2.2	0.1	<0.05	5	<0.5	<0.2
VNL018 01+75E	Soil		11	0.36	131	0.050	2	1.31	0.006	0.15	0.1	0.01	1.6	0.2	<0.05	4	<0.5	<0.2
VNL018 02+00E	Soil		11	0.30	209	0.071	4	2.07	0.016	0.20	0.1	0.01	2.2	0.1	<0.05	5	<0.5	<0.2
VNL018 02+25E	Soil		9	0.24	259	0.055	3	1.73	0.014	0.15	<0.1	0.03	1.8	0.1	<0.05	5	<0.5	<0.2
VNL018 02+50E	Soil		9	0.25	240	0.058	4	1.64	0.014	0.15	0.1	0.02	1.9	<0.1	<0.05	4	<0.5	<0.2
VNL018 02+75E	Soil		10	0.29	194	0.065	3	2.00	0.014	0.15	0.1	0.02	2.7	0.1	<0.05	5	<0.5	<0.2
VNL018 03+00E	Soil		11	0.30	182	0.062	2	1.98	0.015	0.17	0.1	0.02	2.6	0.1	<0.05	5	<0.5	<0.2
VNL018 03+00ED	Soil		11	0.30	205	0.062	2	2.03	0.017	0.16	0.1	0.01	2.6	0.1	<0.05	5	<0.5	<0.2
VNL018 03+25E	Soil		7	0.22	127	0.072	3	2.12	0.034	0.11	<0.1	<0.01	2.6	<0.1	<0.05	5	<0.5	<0.2
VNL018 03+50E	Soil		10	0.27	208	0.058	3	1.93	0.013	0.13	0.1	0.02	2.2	<0.1	<0.05	5	<0.5	<0.2
VNL018 03+75E	Soil		8	0.22	308	0.050	3	1.46	0.011	0.14	<0.1	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
VNL018 04+00E	Soil		9	0.26	198	0.063	2	1.81	0.015	0.16	<0.1	<0.01	1.8	<0.1	<0.05	5	<0.5	<0.2
VNL018 04+25E	Soil		11	0.30	199	0.088	4	2.60	0.019	0.19	0.1	0.02	2.3	0.1	<0.05	6	<0.5	<0.2
VNL018 04+50E	Soil		12	0.31	246	0.083	3	2.45	0.015	0.17	0.2	0.02	2.5	0.1	<0.05	6	<0.5	<0.2
VNL018 04+75E	Soil		8	0.22	238	0.067	4	1.93	0.014	0.14	0.1	0.01	1.5	<0.1	<0.05	5	<0.5	<0.2
VNL018 05+00E	Soil		9	0.21	217	0.092	4	2.68	0.024	0.10	<0.1	0.03	2.3	0.1	<0.05	6	<0.5	<0.2
VNL018 05+25E	Soil		8	0.24	204	0.053	2	1.54	0.011	0.10	<0.1	0.03	1.4	0.1	<0.05	4	<0.5	<0.2
VNL018 05+50E	Soil		8	0.20	240	0.059	2	1.73	0.014	0.11	<0.1	0.03	1.6	<0.1	<0.05	5	<0.5	<0.2

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Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: June 13, 2018

CERTIFICATE OF ANALYSIS VAN18001253.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
VNL018 05+75E	Soil	0.2	10.4	13.9	165	<0.1	14.1	6.8	216	1.62	4.6	2.1	4.0	24	<0.1	0.2	0.2	20	0.18	0.036	12
VNL018 06+00E	Soil	0.3	10.3	12.1	117	<0.1	11.0	4.7	450	1.24	7.4	1.6	2.8	41	0.1	0.1	0.2	15	0.21	0.229	9
VNL018 06+25E	Soil	0.2	11.7	20.4	96	<0.1	12.5	6.3	185	1.84	5.6	0.7	6.0	10	<0.1	0.4	0.2	25	0.12	0.024	17
VNL018 06+50E	Soil	0.3	13.5	17.4	82	<0.1	13.7	7.9	353	1.87	4.4	2.4	4.6	13	<0.1	0.4	0.2	33	0.10	0.046	14
VNL019 00+00	Soil	0.3	15.1	23.1	158	<0.1	25.7	9.0	217	1.97	7.2	2.1	5.7	22	0.1	0.2	0.3	21	0.14	0.093	13
VNL019 00+25E	Soil	0.3	9.4	14.3	95	<0.1	16.6	6.4	195	1.63	5.0	1.1	4.3	18	<0.1	0.2	0.2	18	0.13	0.023	11
VNL019 00+50E	Soil	0.6	10.6	12.4	176	<0.1	21.6	6.0	745	1.39	8.6	1.1	3.1	30	<0.1	<0.1	0.2	16	0.19	0.116	10
VNL019 00+75E	Soil	0.3	10.5	17.0	129	<0.1	17.2	6.7	313	1.65	5.2	1.8	4.2	18	<0.1	0.2	0.2	18	0.15	0.033	12
VNL019 01+00E	Soil	0.4	11.4	33.0	265	0.1	20.7	10.0	920	1.96	9.2	<0.5	3.8	20	0.4	0.2	0.3	20	0.19	0.233	13
VNL019 01+25E	Soil	0.5	13.5	26.2	236	0.2	24.4	9.7	762	2.08	11.2	0.7	4.5	18	0.2	0.2	0.3	24	0.17	0.205	13
VNL019 01+50E	Soil	0.4	11.2	24.1	193	0.1	20.3	8.8	595	1.67	7.2	16.1	3.4	19	0.1	0.2	0.3	18	0.20	0.038	11
VNL019 01+75E	Soil	0.3	7.5	12.8	138	<0.1	14.7	4.8	341	1.30	3.9	1.0	3.1	18	<0.1	0.1	0.2	14	0.17	0.083	10
VNL019 02+00E	Soil	0.3	7.4	12.9	135	0.1	12.4	5.3	412	1.34	3.8	<0.5	2.3	16	<0.1	0.1	0.2	16	0.17	0.080	8
VNL019 02+25E	Soil	0.3	8.4	12.2	119	<0.1	11.3	5.0	445	1.32	3.7	5.2	2.5	18	<0.1	0.1	0.2	15	0.15	0.126	8
VNL019 02+50E	Soil	0.3	12.2	17.4	83	<0.1	15.1	6.5	198	1.65	6.3	0.7	5.1	21	<0.1	0.2	0.2	18	0.15	0.161	12
VNL019 02+75E	Soil	0.2	10.2	15.9	102	<0.1	15.8	6.4	181	1.73	4.1	<0.5	5.1	15	<0.1	0.2	0.2	17	0.18	0.087	13
VNL019 03+00E	Soil	0.5	11.8	21.0	191	0.1	17.4	8.4	351	1.91	9.8	<0.5	4.2	16	0.3	0.2	0.3	23	0.14	0.167	10
VNL019 03+25E	Soil	0.3	9.4	14.9	148	<0.1	13.9	5.2	344	1.43	4.3	1.1	3.7	20	<0.1	0.1	0.2	15	0.15	0.142	11
VNL019 03+50E	Soil	0.3	6.8	12.6	93	<0.1	10.5	4.7	243	1.35	3.0	0.5	3.4	13	<0.1	0.1	0.2	15	0.10	0.082	10
VNL019 03+75E	Soil	0.3	8.8	12.7	152	0.1	10.4	5.0	321	1.38	4.5	1.1	3.1	12	0.1	0.1	0.2	15	0.11	0.100	11
VNL019 04+00E	Soil	0.4	9.4	13.4	114	<0.1	12.8	5.9	361	1.55	4.5	0.7	3.9	18	<0.1	0.2	0.2	17	0.15	0.155	12
VNL019 04+25E	Soil	0.3	8.7	12.7	107	0.1	12.8	5.5	336	1.55	4.8	<0.5	2.9	15	<0.1	0.1	0.3	17	0.14	0.079	10
VNL019 04+50E	Soil	0.4	14.3	19.3	120	0.1	17.1	6.7	322	1.76	6.9	1.2	4.9	22	<0.1	0.2	0.3	20	0.18	0.071	11
VNL019 04+75E	Soil	0.2	42.9	14.3	81	0.2	13.9	5.1	205	1.38	2.7	1.5	3.4	32	0.2	0.2	0.2	14	0.57	0.018	24
VNL019 05+00E	Soil	0.4	8.5	11.3	72	<0.1	12.7	5.5	262	1.41	3.7	1.0	2.6	24	<0.1	<0.1	0.2	18	0.20	0.019	7
VNL019 05+00ED	Soil	0.4	8.7	11.6	75	<0.1	12.9	5.7	234	1.48	3.8	1.3	2.7	23	<0.1	0.1	0.2	19	0.19	0.020	7
VNL019 05+25E	Soil	0.3	13.8	15.4	109	<0.1	13.9	6.2	281	1.63	5.2	1.0	4.8	21	<0.1	0.2	0.2	21	0.23	0.055	14
VNL019 05+50E	Soil	0.3	15.8	14.9	141	<0.1	19.0	7.3	236	1.89	6.6	7.7	4.9	25	0.1	0.2	0.3	23	0.20	0.087	12
VNL019 05+75E	Soil	0.3	15.4	16.5	108	<0.1	18.1	7.9	151	1.96	7.0	<0.5	6.1	22	<0.1	0.2	0.2	21	0.13	0.198	11
VNL019 06+00E	Soil	0.2	10.0	14.2	95	<0.1	13.2	7.2	614	1.92	3.7	<0.5	4.0	12	<0.1	0.2	0.2	33	0.13	0.026	15

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Project: VINE
Report Date: June 13, 2018

CERTIFICATE OF ANALYSIS VAN18001253.1

		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
VNL018 05+75E	Soil		12	0.40	164	0.041	2	1.25	<0.001	0.12	<0.1	0.01	1.9	0.1	<0.05	3	<0.5	<0.2
VNL018 06+00E	Soil		8	0.19	244	0.058	3	1.65	0.023	0.14	<0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
VNL018 06+25E	Soil		15	0.42	75	0.043	1	1.12	0.005	0.22	<0.1	<0.01	3.0	0.1	<0.05	3	<0.5	<0.2
VNL018 06+50E	Soil		18	0.54	100	0.036	1	1.10	0.007	0.21	<0.1	<0.01	3.2	0.1	<0.05	3	<0.5	<0.2
VNL019 00+00	Soil		12	0.38	213	0.070	<1	2.26	0.012	0.22	0.1	0.01	2.1	0.2	<0.05	6	<0.5	<0.2
VNL019 00+25E	Soil		11	0.37	175	0.061	1	1.64	0.009	0.17	<0.1	<0.01	1.8	0.1	<0.05	4	<0.5	<0.2
VNL019 00+50E	Soil		8	0.19	287	0.082	1	2.41	0.020	0.11	<0.1	0.03	2.2	0.1	<0.05	5	<0.5	<0.2
VNL019 00+75E	Soil		11	0.37	202	0.066	2	1.88	0.011	0.18	<0.1	0.01	2.2	0.2	<0.05	5	<0.5	<0.2
VNL019 01+00E	Soil		11	0.32	345	0.089	3	2.58	0.014	0.14	0.1	0.03	2.6	0.1	<0.05	6	<0.5	<0.2
VNL019 01+25E	Soil		12	0.32	273	0.090	3	2.59	0.012	0.14	0.1	0.03	2.8	0.2	<0.05	7	<0.5	<0.2
VNL019 01+50E	Soil		11	0.40	239	0.064	2	1.96	0.012	0.17	0.1	0.02	1.7	0.1	<0.05	5	<0.5	<0.2
VNL019 01+75E	Soil		9	0.22	232	0.055	2	1.72	0.013	0.14	<0.1	0.03	1.7	0.1	<0.05	5	<0.5	<0.2
VNL019 02+00E	Soil		9	0.26	197	0.051	2	1.62	0.011	0.14	<0.1	0.02	1.6	<0.1	<0.05	5	<0.5	<0.2
VNL019 02+25E	Soil		8	0.22	243	0.053	3	1.64	0.013	0.14	<0.1	0.03	1.9	<0.1	<0.05	5	<0.5	<0.2
VNL019 02+50E	Soil		10	0.29	185	0.062	1	2.05	0.014	0.18	0.1	0.01	2.9	0.1	<0.05	5	<0.5	<0.2
VNL019 02+75E	Soil		12	0.33	216	0.058	2	1.98	0.011	0.22	0.1	0.01	2.7	0.1	<0.05	5	<0.5	<0.2
VNL019 03+00E	Soil		12	0.31	258	0.080	2	2.61	0.013	0.12	0.1	0.03	2.4	0.1	<0.05	6	<0.5	<0.2
VNL019 03+25E	Soil		9	0.25	249	0.057	3	1.84	0.014	0.12	0.1	0.02	2.3	0.1	<0.05	5	<0.5	<0.2
VNL019 03+50E	Soil		9	0.25	153	0.047	2	1.43	0.010	0.16	<0.1	0.01	1.7	0.1	<0.05	4	<0.5	<0.2
VNL019 03+75E	Soil		10	0.26	286	0.046	3	1.49	0.009	0.12	<0.1	<0.01	1.6	<0.1	<0.05	4	<0.5	<0.2
VNL019 04+00E	Soil		11	0.29	294	0.057	4	1.73	0.011	0.15	0.1	0.01	2.2	<0.1	<0.05	5	<0.5	<0.2
VNL019 04+25E	Soil		10	0.29	226	0.066	4	2.07	0.014	0.17	0.1	<0.01	1.9	<0.1	<0.05	5	<0.5	<0.2
VNL019 04+50E	Soil		11	0.30	217	0.097	5	2.71	0.021	0.14	0.1	0.02	2.1	0.1	<0.05	6	<0.5	<0.2
VNL019 04+75E	Soil		9	0.31	105	0.064	4	1.80	0.038	0.15	<0.1	0.02	2.5	0.1	<0.05	3	<0.5	<0.2
VNL019 05+00E	Soil		9	0.25	204	0.082	4	2.31	0.017	0.15	<0.1	<0.01	1.9	<0.1	<0.05	5	<0.5	<0.2
VNL019 05+00ED	Soil		9	0.27	214	0.086	4	2.54	0.019	0.16	<0.1	<0.01	1.8	<0.1	<0.05	5	<0.5	<0.2
VNL019 05+25E	Soil		12	0.36	183	0.060	4	1.74	0.011	0.19	<0.1	0.01	2.4	<0.1	<0.05	4	<0.5	<0.2
VNL019 05+50E	Soil		14	0.38	207	0.069	3	2.15	0.016	0.20	0.1	<0.01	2.7	0.1	<0.05	6	<0.5	<0.2
VNL019 05+75E	Soil		13	0.35	469	0.076	3	2.78	0.017	0.16	0.1	<0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
VNL019 06+00E	Soil		19	0.56	141	0.051	2	1.23	0.008	0.22	<0.1	<0.01	3.5	<0.1	<0.05	3	<0.5	<0.2

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
VNL019 06+25E	Soil	0.3	13.6	14.8	135	<0.1	17.4	7.2	321	1.69	6.5	<0.5	3.7	17	<0.1	0.2	0.2	24	0.21	0.060	11
VNL019 06+50E	Soil	0.4	21.2	13.2	96	<0.1	15.9	8.0	369	1.83	5.9	0.7	4.0	17	<0.1	0.1	0.2	27	0.17	0.086	13
VNL020 00+00	Soil	0.4	13.0	20.3	144	<0.1	24.4	7.7	283	1.84	6.4	<0.5	5.3	33	0.1	0.2	0.2	18	0.18	0.121	16
VNL020 00+25E	Soil	0.4	11.8	18.0	170	0.1	20.6	8.2	596	1.72	6.6	<0.5	3.8	23	0.1	0.2	0.3	19	0.18	0.207	12
VNL020 00+50E	Soil	0.4	19.6	20.3	152	0.1	18.8	8.9	370	1.86	7.4	<0.5	3.7	27	0.2	0.2	0.2	23	0.23	0.172	15
VNL020 00+75E	Soil	0.5	18.5	13.7	97	0.1	20.4	6.4	303	1.56	5.7	<0.5	3.2	30	0.1	0.1	0.2	18	0.38	0.072	26
VNL020 01+00E	Soil	0.8	14.1	20.2	128	<0.1	15.8	8.5	334	1.48	11.1	<0.5	3.6	19	0.3	0.2	0.3	15	0.25	0.173	12
VNL020 01+25E	Soil	0.4	18.6	17.5	150	0.2	20.6	8.5	274	1.71	10.1	<0.5	3.8	28	0.3	0.1	0.3	20	0.40	0.118	15
VNL020 01+50E	Soil	0.3	11.5	15.6	89	<0.1	13.1	6.0	519	1.45	3.8	1.1	2.8	21	0.2	0.2	0.2	15	0.44	0.027	13
VNL020 01+75E	Soil	0.4	10.4	16.4	141	0.1	25.6	7.2	317	1.61	5.8	<0.5	4.5	23	0.1	0.1	0.2	19	0.25	0.042	15
VNL020 02+00E	Soil	0.4	10.5	19.8	199	<0.1	19.8	7.5	698	1.59	5.8	<0.5	4.2	20	0.1	0.2	0.2	18	0.19	0.102	12
VNL020 02+25E	Soil	0.3	9.0	15.5	124	<0.1	15.8	5.9	262	1.57	5.4	<0.5	4.6	15	<0.1	0.2	0.2	19	0.15	0.105	10
VNL020 02+50E	Soil	0.4	11.5	24.0	222	0.1	19.5	7.9	589	1.70	8.0	0.5	4.3	17	0.2	0.2	0.3	21	0.13	0.152	14
VNL020 02+75E	Soil	0.4	8.8	15.8	90	<0.1	12.0	5.5	360	1.43	4.5	<0.5	3.5	17	0.2	0.2	0.2	17	0.16	0.060	12
VNL020 02+75ED	Soil	0.4	7.5	15.6	92	<0.1	11.2	5.4	413	1.33	4.5	<0.5	3.2	17	<0.1	0.2	0.2	16	0.16	0.062	10
VNL020 03+00E	Soil	0.3	11.7	16.2	112	<0.1	14.0	6.0	493	1.48	5.9	<0.5	4.3	29	0.1	0.1	0.2	18	0.23	0.095	14
VNL020 03+25E	Soil	0.2	7.4	14.2	81	<0.1	9.6	4.5	243	1.32	2.4	<0.5	3.9	12	<0.1	0.2	0.2	15	0.13	0.021	12
VNL020 03+50E	Soil	0.3	13.7	17.4	113	<0.1	13.6	6.8	334	1.65	6.4	<0.5	5.6	17	<0.1	0.2	0.2	18	0.14	0.104	17
VNL020 03+75E	Soil	0.3	7.6	12.5	118	<0.1	10.1	4.7	378	1.31	3.4	<0.5	3.8	16	<0.1	0.1	0.2	15	0.13	0.142	10
VNL020 04+00E	Soil	0.4	5.4	12.9	75	<0.1	7.7	4.0	283	1.08	3.5	<0.5	2.1	13	<0.1	0.1	0.2	13	0.13	0.051	7
VNL020 04+25E	Soil	0.3	10.6	13.3	90	<0.1	12.5	5.3	268	1.44	6.6	<0.5	3.9	20	0.1	0.1	0.2	17	0.17	0.111	10
VNL020 04+50E	Soil	0.4	9.4	14.5	91	<0.1	10.4	5.2	476	1.39	4.6	<0.5	3.0	15	<0.1	0.2	0.2	16	0.22	0.047	10
VNL020 04+75E	Soil	0.3	11.5	14.2	73	<0.1	13.2	6.6	210	1.76	4.0	<0.5	4.7	21	<0.1	0.2	0.2	21	0.23	0.020	11
VNL020 05+00E	Soil	0.2	60.1	12.0	117	0.1	15.6	5.1	289	1.56	3.1	3.6	4.2	34	0.2	0.2	0.2	17	0.62	0.026	26
VNL020 05+25E	Soil	0.4	10.4	9.4	89	<0.1	10.9	4.3	427	1.18	9.5	9.7	2.8	29	<0.1	<0.1	0.2	14	0.25	0.177	6
VNL020 05+50E	Soil	0.3	13.8	15.1	112	<0.1	19.6	6.5	151	1.84	7.2	<0.5	5.2	23	0.1	0.2	0.2	21	0.19	0.088	10
VNL020 05+75E	Soil	0.2	8.9	10.2	82	<0.1	9.9	5.0	350	1.41	2.7	1.1	3.1	12	<0.1	0.2	0.2	23	0.13	0.017	12
VNL020 06+00E	Soil	0.3	12.9	10.6	61	<0.1	11.4	6.7	197	1.63	3.5	<0.5	4.2	11	<0.1	0.3	0.2	29	0.11	0.026	11
VNL020 06+25E	Soil	0.3	14.3	13.2	73	<0.1	16.7	7.7	220	1.93	3.6	0.7	4.4	11	<0.1	0.2	0.2	34	0.11	0.042	12
VNL020 06+50E	Soil	0.3	15.2	14.4	74	<0.1	17.2	8.2	226	1.88	4.0	1.6	4.1	12	<0.1	0.3	0.2	33	0.17	0.020	11

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Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: June 13, 2018

CERTIFICATE OF ANALYSIS VAN18001253.1

		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
VNL019 06+25E	Soil		13	0.35	195	0.075	2	2.01	0.015	0.13	<0.1	0.01	2.7	<0.1	<0.05	5	<0.5	<0.2
VNL019 06+50E	Soil		14	0.37	182	0.088	4	2.44	0.020	0.16	0.1	0.01	3.5	0.1	<0.05	5	<0.5	<0.2
VNL020 00+00	Soil		12	0.36	243	0.074	3	2.12	0.017	0.18	0.1	0.02	2.4	0.1	<0.05	5	<0.5	<0.2
VNL020 00+25E	Soil		11	0.35	285	0.077	4	2.25	0.014	0.14	0.1	0.02	2.0	0.1	<0.05	5	<0.5	<0.2
VNL020 00+50E	Soil		11	0.35	204	0.100	4	2.86	0.022	0.14	0.1	0.02	2.8	0.2	<0.05	6	<0.5	<0.2
VNL020 00+75E	Soil		9	0.25	141	0.109	3	2.99	0.032	0.11	<0.1	0.03	2.9	0.1	<0.05	6	<0.5	<0.2
VNL020 01+00E	Soil		8	0.24	219	0.066	4	1.78	0.013	0.10	0.1	0.03	1.5	<0.1	<0.05	5	<0.5	<0.2
VNL020 01+25E	Soil		10	0.28	182	0.095	4	2.61	0.026	0.13	0.1	0.03	2.6	0.1	<0.05	6	<0.5	<0.2
VNL020 01+50E	Soil		10	0.28	118	0.056	4	1.67	0.019	0.15	<0.1	0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
VNL020 01+75E	Soil		10	0.32	208	0.084	4	2.40	0.019	0.18	0.1	0.02	2.3	0.1	<0.05	5	<0.5	<0.2
VNL020 02+00E	Soil		12	0.34	284	0.067	3	1.88	0.011	0.15	0.1	0.03	2.1	0.1	<0.05	5	<0.5	<0.2
VNL020 02+25E	Soil		10	0.32	209	0.070	3	1.97	0.012	0.17	0.1	0.02	2.3	0.1	<0.05	5	<0.5	<0.2
VNL020 02+50E	Soil		12	0.34	236	0.079	7	2.18	0.018	0.14	<0.1	0.03	2.4	0.2	<0.05	5	<0.5	<0.2
VNL020 02+75E	Soil		10	0.27	199	0.075	3	2.01	0.016	0.15	0.1	0.02	2.1	0.1	<0.05	5	<0.5	<0.2
VNL020 02+75ED	Soil		9	0.26	206	0.069	3	1.92	0.015	0.15	0.1	0.02	1.9	0.1	<0.05	5	<0.5	<0.2
VNL020 03+00E	Soil		10	0.27	204	0.075	4	2.02	0.019	0.16	0.1	0.02	2.5	0.1	<0.05	5	<0.5	<0.2
VNL020 03+25E	Soil		10	0.30	115	0.058	3	1.20	0.010	0.17	<0.1	0.01	1.7	0.1	<0.05	3	<0.5	<0.2
VNL020 03+50E	Soil		11	0.30	205	0.072	3	2.12	0.015	0.16	0.1	0.01	2.6	0.1	<0.05	5	<0.5	<0.2
VNL020 03+75E	Soil		9	0.25	285	0.048	2	1.47	0.009	0.12	<0.1	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
VNL020 04+00E	Soil		8	0.21	126	0.051	3	1.19	0.011	0.11	<0.1	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
VNL020 04+25E	Soil		10	0.27	235	0.069	2	2.08	0.015	0.13	0.1	0.02	2.1	<0.1	<0.05	5	<0.5	<0.2
VNL020 04+50E	Soil		10	0.29	210	0.057	3	1.54	0.011	0.16	<0.1	0.02	1.9	<0.1	<0.05	4	<0.5	<0.2
VNL020 04+75E	Soil		12	0.34	188	0.086	3	2.09	0.017	0.18	<0.1	0.01	2.7	0.1	<0.05	5	<0.5	<0.2
VNL020 05+00E	Soil		13	0.43	116	0.062	3	1.73	0.033	0.15	<0.1	0.03	3.3	0.1	<0.05	4	<0.5	<0.2
VNL020 05+25E	Soil		7	0.18	206	0.078	3	2.23	0.025	0.11	0.1	0.02	1.8	<0.1	<0.05	5	<0.5	<0.2
VNL020 05+50E	Soil		12	0.37	215	0.068	3	2.12	0.013	0.17	0.1	0.02	2.5	<0.1	<0.05	5	<0.5	<0.2
VNL020 05+75E	Soil		12	0.41	104	0.038	1	0.93	0.007	0.14	<0.1	<0.01	2.3	<0.1	<0.05	3	<0.5	<0.2
VNL020 06+00E	Soil		13	0.49	68	0.040	2	0.99	0.007	0.17	<0.1	<0.01	3.3	0.1	<0.05	3	<0.5	<0.2
VNL020 06+25E	Soil		19	0.54	102	0.054	3	1.39	<0.001	0.22	<0.1	0.01	3.7	0.1	<0.05	4	<0.5	<0.2
VNL020 06+50E	Soil		18	0.51	94	0.062	2	1.52	0.009	0.15	<0.1	0.01	3.2	0.1	<0.05	4	<0.5	<0.2

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Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: June 13, 2018

QUALITY CONTROL REPORT VAN18001253.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Pulp Duplicates																					
VNL009 05+75E	Soil	0.4	21.1	28.4	168	<0.1	20.3	12.5	1179	2.15	7.8	<0.5	6.5	25	0.3	0.3	0.3	27	0.21	0.063	23
REP VNL009 05+75E	QC	0.4	21.4	29.0	168	<0.1	20.7	12.9	1187	2.19	8.2	0.6	6.7	24	0.3	0.3	0.3	25	0.21	0.063	23
VNL011 01+50E	Soil	0.4	8.0	13.0	206	0.1	17.0	4.6	566	1.19	7.7	1.4	2.0	32	0.2	<0.1	0.2	14	0.20	0.167	7
REP VNL011 01+50E	QC	0.3	8.1	13.0	209	0.1	16.6	4.8	552	1.21	7.8	<0.5	1.9	31	0.2	<0.1	0.2	14	0.20	0.165	7
VNL012 03+75W	Soil	0.4	5.8	12.6	79	<0.1	8.1	4.4	264	1.20	2.7	<0.5	2.4	12	<0.1	<0.1	0.2	15	0.14	0.012	8
REP VNL012 03+75W	QC	0.4	6.3	12.6	82	<0.1	8.4	4.5	255	1.18	2.5	<0.5	2.3	12	<0.1	0.1	0.2	15	0.14	0.012	8
VNL013 06+00E	Soil	0.3	23.3	19.2	52	<0.1	15.2	8.4	342	1.90	6.7	4.0	8.4	8	<0.1	0.5	0.3	24	0.18	0.029	29
REP VNL013 06+00E	QC	0.2	24.4	19.2	55	<0.1	15.7	9.1	346	2.00	6.7	5.0	8.5	8	<0.1	0.5	0.3	25	0.18	0.029	29
VNL015 01+50E	Soil	0.6	13.5	20.8	153	0.1	20.7	7.4	322	1.69	10.0	0.7	4.4	23	0.1	0.1	0.2	21	0.16	0.191	11
REP VNL015 01+50E	QC	0.6	13.6	20.1	151	0.1	20.6	7.4	311	1.69	9.7	0.6	4.3	22	0.1	0.1	0.2	20	0.15	0.189	10
VNL016 03+25E	Soil	0.3	8.1	13.1	113	<0.1	13.1	5.2	385	1.37	3.7	0.5	3.3	19	<0.1	0.2	0.2	17	0.13	0.126	10
REP VNL016 03+25E	QC	0.2	7.9	13.6	118	<0.1	13.7	5.3	396	1.44	3.8	0.8	3.4	20	<0.1	0.2	0.2	17	0.13	0.126	11
VNL017 05+25E	Soil	0.3	8.0	14.6	200	<0.1	11.4	4.5	834	1.27	4.7	1.9	2.4	33	0.1	<0.1	0.2	15	0.27	0.199	7
REP VNL017 05+25E	QC	0.3	8.1	14.8	204	<0.1	11.4	4.5	849	1.25	5.0	0.6	2.5	34	0.1	0.1	0.2	16	0.27	0.200	7
VNL019 00+50E	Soil	0.6	10.6	12.4	176	<0.1	21.6	6.0	745	1.39	8.6	1.1	3.1	30	<0.1	<0.1	0.2	16	0.19	0.116	10
REP VNL019 00+50E	QC	0.6	10.1	12.6	183	<0.1	21.0	6.0	755	1.36	8.5	0.9	3.3	29	0.2	0.1	0.2	16	0.18	0.118	10
VNL020 02+50E	Soil	0.4	11.5	24.0	222	0.1	19.5	7.9	589	1.70	8.0	0.5	4.3	17	0.2	0.2	0.3	21	0.13	0.152	14
REP VNL020 02+50E	QC	0.3	11.9	24.9	227	0.1	19.4	7.8	611	1.75	7.8	<0.5	4.2	18	0.3	0.1	0.3	20	0.12	0.158	14
VNL020 06+25E	Soil	0.3	14.3	13.2	73	<0.1	16.7	7.7	220	1.93	3.6	0.7	4.4	11	<0.1	0.2	0.2	34	0.11	0.042	12
REP VNL020 06+25E	QC	0.2	15.0	12.9	81	<0.1	16.0	7.6	216	2.02	3.5	<0.5	4.6	11	<0.1	0.2	0.2	33	0.11	0.041	12
Reference Materials																					
STD DS11	Standard	13.5	150.0	134.2	342	1.7	76.2	13.5	993	3.08	42.7	61.5	7.2	61	2.5	8.3	11.6	45	1.02	0.069	16
STD DS11	Standard	14.0	151.0	134.9	336	1.7	76.6	13.3	1017	3.15	42.2	105.2	7.6	65	2.4	8.0	11.7	49	1.02	0.066	17
STD DS11	Standard	14.4	145.2	140.9	336	1.8	76.9	14.0	1037	3.13	42.5	75.1	7.8	67	2.3	8.2	11.8	50	1.00	0.069	18
STD DS11	Standard	13.4	148.0	137.6	335	1.8	78.4	13.2	1013	3.15	43.1	126.6	7.3	64	2.2	7.7	11.6	49	1.04	0.071	17
STD DS11	Standard	14.2	153.4	139.0	345	1.8	79.2	13.8	1059	3.24	45.3	72.1	8.4	67	2.6	8.3	12.7	53	1.05	0.074	19
STD DS11	Standard	14.0	154.6	141.4	342	1.7	80.1	14.4	988	3.18	42.0	82.8	7.8	67	2.1	8.6	11.9	52	1.09	0.069	18
STD DS11	Standard	15.0	159.7	143.4	362	1.8	81.8	14.5	1100	3.42	43.3	79.3	8.2	70	2.4	8.4	12.4	53	1.10	0.072	18

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Project: VINE
Report Date: June 13, 2018

QUALITY CONTROL REPORT VAN18001253.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																	
VNL009 05+75E	Soil	15	0.48	278	0.064	3	1.96	0.007	0.18	0.1	0.03	3.0	0.1	<0.05	5	<0.5	<0.2
REP VNL009 05+75E	QC	15	0.47	280	0.062	2	1.88	0.007	0.18	0.1	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
VNL011 01+50E	Soil	7	0.16	253	0.073	3	2.08	0.020	0.11	<0.1	0.02	1.7	<0.1	<0.05	5	<0.5	<0.2
REP VNL011 01+50E	QC	7	0.17	259	0.073	2	2.05	0.020	0.11	<0.1	0.03	1.6	<0.1	<0.05	5	<0.5	<0.2
VNL012 03+75W	Soil	8	0.23	115	0.059	1	1.39	0.011	0.15	<0.1	0.01	1.9	<0.1	<0.05	4	<0.5	<0.2
REP VNL012 03+75W	QC	8	0.24	118	0.057	3	1.39	0.011	0.15	<0.1	<0.01	2.0	0.1	<0.05	4	<0.5	<0.2
VNL013 06+00E	Soil	17	0.52	52	0.042	2	1.13	0.006	0.25	0.1	0.01	3.2	0.2	<0.05	3	<0.5	<0.2
REP VNL013 06+00E	QC	17	0.53	51	0.043	2	1.14	0.007	0.24	0.1	<0.01	3.1	0.1	<0.05	3	<0.5	<0.2
VNL015 01+50E	Soil	10	0.24	195	0.084	3	2.51	0.020	0.13	0.2	0.03	2.6	0.1	<0.05	6	<0.5	<0.2
REP VNL015 01+50E	QC	10	0.23	195	0.083	3	2.38	0.019	0.13	0.1	0.03	2.4	0.1	<0.05	6	<0.5	<0.2
VNL016 03+25E	Soil	10	0.29	222	0.058	2	1.75	0.013	0.11	<0.1	0.01	2.3	<0.1	<0.05	4	<0.5	<0.2
REP VNL016 03+25E	QC	10	0.31	236	0.062	2	1.79	0.015	0.12	0.1	<0.01	2.2	0.1	<0.05	5	<0.5	<0.2
VNL017 05+25E	Soil	9	0.22	365	0.059	3	1.64	0.014	0.16	<0.1	0.02	1.7	0.1	<0.05	5	<0.5	<0.2
REP VNL017 05+25E	QC	8	0.22	371	0.060	3	1.60	0.015	0.16	<0.1	0.03	2.0	<0.1	<0.05	5	<0.5	<0.2
VNL019 00+50E	Soil	8	0.19	287	0.082	1	2.41	0.020	0.11	<0.1	0.03	2.2	0.1	<0.05	5	<0.5	<0.2
REP VNL019 00+50E	QC	7	0.19	289	0.079	2	2.41	0.020	0.10	0.1	0.02	2.2	0.1	<0.05	5	<0.5	<0.2
VNL020 02+50E	Soil	12	0.34	236	0.079	7	2.18	0.018	0.14	<0.1	0.03	2.4	0.2	<0.05	5	<0.5	<0.2
REP VNL020 02+50E	QC	12	0.33	235	0.077	3	2.24	0.014	0.15	<0.1	0.03	2.4	0.1	<0.05	5	<0.5	<0.2
VNL020 06+25E	Soil	19	0.54	102	0.054	3	1.39	<0.001	0.22	<0.1	0.01	3.7	0.1	<0.05	4	<0.5	<0.2
REP VNL020 06+25E	QC	19	0.55	94	0.054	2	1.36	0.008	0.23	<0.1	0.01	3.8	0.1	<0.05	4	<0.5	<0.2
Reference Materials																	
STD DS11	Standard	53	0.84	337	0.078	7	1.06	0.069	0.39	2.9	0.27	3.0	4.8	0.25	5	2.1	4.5
STD DS11	Standard	59	0.82	357	0.089	6	1.14	0.074	0.39	2.7	0.25	3.3	4.8	0.26	5	2.3	4.5
STD DS11	Standard	59	0.82	363	0.090	7	1.12	0.072	0.38	3.0	0.29	3.3	4.9	0.26	5	1.9	4.6
STD DS11	Standard	57	0.86	360	0.085	7	1.18	0.071	0.40	3.1	0.27	3.3	4.7	0.28	5	2.1	4.8
STD DS11	Standard	61	0.86	371	0.099	8	1.17	0.072	0.40	2.9	0.29	3.3	4.8	0.26	5	2.3	5.0
STD DS11	Standard	60	0.81	367	0.091	7	1.07	0.071	0.39	2.8	0.25	3.2	4.9	0.29	5	2.3	4.4
STD DS11	Standard	64	0.87	358	0.098	7	1.15	0.068	0.43	3.0	0.26	3.3	5.2	0.35	5	2.1	5.2

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BUREAU VERITAS
MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: June 13, 2018

QUALITY CONTROL REPORT VAN18001253.1

		AQ201 Mo ppm 0.1	AQ201 Cu ppm 0.1	AQ201 Pb ppm 0.1	AQ201 Zn ppm 1	AQ201 Ag ppm 0.1	AQ201 Ni ppm 0.1	AQ201 Co ppm 0.1	AQ201 Mn ppm 1	AQ201 Fe % 0.01	AQ201 As ppm 0.5	AQ201 Au ppb 0.5	AQ201 Th ppm 0.1	AQ201 Sr ppm 1	AQ201 Cd ppm 0.1	AQ201 Sb ppm 0.1	AQ201 Bi ppm 0.1	AQ201 V ppm 2	AQ201 Ca % 0.01	AQ201 P % 0.001	AQ201 La ppm 1
STD DS11	Standard	15.1	154.9	139.6	354	1.7	79.7	14.1	1082	3.28	42.3	78.5	8.1	69	2.4	8.8	12.0	51	1.04	0.069	19
STD DS11	Standard	14.0	149.1	137.1	336	1.7	78.0	14.1	1046	3.14	44.0	73.9	7.8	68	2.3	8.0	11.9	50	1.07	0.068	18
STD DS11	Standard	13.9	146.8	140.1	333	1.8	76.1	13.2	988	3.09	42.1	96.7	8.0	66	2.2	7.9	11.8	51	0.99	0.067	18
STD OXC129	Standard	1.3	26.2	6.2	40	<0.1	79.5	20.3	428	3.06	<0.5	202.1	1.8	184	<0.1	<0.1	<0.1	55	0.67	0.103	12
STD OXC129	Standard	1.3	26.5	6.1	39	<0.1	76.7	19.7	399	3.02	<0.5	194.3	1.8	181	<0.1	<0.1	<0.1	53	0.67	0.097	12
STD OXC129	Standard	1.2	27.7	6.4	43	<0.1	83.4	20.9	420	3.13	<0.5	217.2	1.8	180	<0.1	<0.1	<0.1	54	0.65	0.105	13
STD OXC129	Standard	1.3	27.4	6.2	41	<0.1	81.1	20.3	413	3.06	0.6	204.1	1.9	176	<0.1	<0.1	<0.1	53	0.64	0.106	12
STD OXC129	Standard	1.3	26.7	6.3	42	<0.1	80.1	20.6	434	3.19	0.6	205.2	1.9	184	<0.1	<0.1	<0.1	53	0.71	0.101	12
STD OXC129	Standard	1.3	27.2	6.2	36	<0.1	75.4	20.3	406	3.03	<0.5	198.6	1.8	184	<0.1	<0.1	<0.1	54	0.68	0.096	12
STD OXC129	Standard	1.3	29.2	6.4	41	<0.1	82.3	20.7	426	3.24	0.6	219.0	2.0	194	<0.1	<0.1	<0.1	55	0.71	0.107	13
STD OXC129	Standard	1.2	28.4	6.1	38	<0.1	81.5	20.3	422	3.11	0.6	201.2	1.8	204	<0.1	<0.1	<0.1	54	0.71	0.105	12
STD OXC129	Standard	1.3	28.4	6.2	39	<0.1	81.5	20.7	426	3.04	0.5	203.2	1.8	191	<0.1	<0.1	<0.1	54	0.72	0.099	12
STD OXC129	Standard	1.2	26.9	6.2	39	<0.1	76.2	19.7	406	2.94	0.7	198.7	1.8	187	<0.1	<0.1	<0.1	53	0.70	0.093	12
STD OXC129 Expected		1.3	28	6.2	42.9		79.5	20.3	421	3.065	0.6	195	1.9					51	0.684	0.102	12.5
STD DS11 Expected		14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701	18.6
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

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Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: June 13, 2018

QUALITY CONTROL REPORT VAN18001253.1

		AQ201 Cr ppm 1	AQ201 Mg % 0.01	AQ201 Ba ppm 1	AQ201 Ti % 0.001	AQ201 B ppm 1	AQ201 Al % 0.01	AQ201 Na % 0.001	AQ201 K % 0.01	AQ201 W ppm 0.1	AQ201 Hg ppm 0.01	AQ201 Sc ppm 0.1	AQ201 Tl ppm 0.1	AQ201 S % 0.05	AQ201 Ga ppm 1	AQ201 Se ppm 0.5	AQ201 Te ppm 0.2
STD DS11	Standard	63	0.83	370	0.095	7	1.17	0.072	0.39	3.1	0.24	3.4	5.0	0.31	5	2.9	4.8
STD DS11	Standard	61	0.83	366	0.090	7	1.14	0.074	0.41	3.1	0.27	3.4	5.0	0.26	5	2.0	4.6
STD DS11	Standard	57	0.85	369	0.088	8	1.12	0.072	0.40	3.1	0.26	3.2	4.9	0.28	5	2.3	4.9
STD OXC129	Standard	52	1.58	50	0.395	<1	1.57	0.587	0.37	<0.1	<0.01	1.0	<0.1	<0.05	6	<0.5	<0.2
STD OXC129	Standard	50	1.49	51	0.376	<1	1.50	0.560	0.37	<0.1	<0.01	1.4	<0.1	<0.05	5	<0.5	<0.2
STD OXC129	Standard	51	1.60	49	0.397	<1	1.62	0.596	0.35	<0.1	<0.01	1.2	<0.1	<0.05	6	<0.5	<0.2
STD OXC129	Standard	52	1.53	50	0.389	1	1.49	0.564	0.37	<0.1	<0.01	1.1	<0.1	<0.05	6	<0.5	<0.2
STD OXC129	Standard	53	1.61	48	0.408	3	1.54	0.615	0.36	<0.1	<0.01	0.9	<0.1	<0.05	6	<0.5	<0.2
STD OXC129	Standard	52	1.49	49	0.399	2	1.46	0.568	0.35	<0.1	<0.01	2.6	<0.1	<0.05	5	<0.5	<0.2
STD OXC129	Standard	55	1.67	48	0.420	1	1.63	0.620	0.37	<0.1	<0.01	1.7	<0.1	<0.05	6	<0.5	<0.2
STD OXC129	Standard	56	1.59	48	0.429	<1	1.64	0.597	0.35	<0.1	<0.01	2.0	<0.1	<0.05	6	<0.5	<0.2
STD OXC129	Standard	54	1.58	52	0.388	2	1.66	0.602	0.36	<0.1	<0.01	1.7	<0.1	<0.05	6	<0.5	<0.2
STD OXC129	Standard	50	1.58	51	0.379	2	1.60	0.585	0.36	<0.1	<0.01	1.4	<0.1	<0.05	6	<0.5	<0.2
STD OXC129 Expected		52	1.545	50	0.4	1	1.58	0.59	0.3655			1.1			5.5		
STD DS11 Expected		61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
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Finalized Date: 24-FEB-2020
Account: PJXRES

CERTIFICATE VA20015761

This report is for 100 Vegetation samples submitted to our lab in Vancouver, BC, Canada on 21-JAN-2020.

The following have access to data associated with this certificate:

LINDA BRENNAN	DR. COLIN DUNN	JOHN KEATING

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
VEG-ASH01	Controlled Ignition - Veg Samp. @ 475C

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-HAL01a	Super Trace Halogens on Vegetation
ME-VEG41a	Super Trace - Ashed Vegetation Samples

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, General Manager, North Vancouver

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To: PJX RESOURCES
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 24-FEB-2020
Account: PJXRES

CERTIFICATE OF ANALYSIS VA20015761

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	VEG-ASH01 WT. SAMP g 0.01	VEG-ASH01 WT. ASH g 0.01	ME-VEG41a Au ppm 0.0002	ME-VEG41a Ag ppm 0.001	ME-VEG41a Al % 0.01	ME-VEG41a As ppm 0.01	ME-VEG41a B ppm 1	ME-VEG41a Ba ppm 0.1	ME-VEG41a Be ppm 0.01	ME-VEG41a Bi ppm 0.001	ME-VEG41a Ca % 0.01	ME-VEG41a Cd ppm 0.001	ME-VEG41a Ce ppm 0.003	ME-VEG41a Co ppm 0.002
VINE19-DFN 1		0.04	33.6	1.47	0.0008	0.780	0.27	92.4	822	309	0.05	0.021	27.6	0.529	1.545	2.20
VINE19-DFN 2		0.04	31.9	1.46	0.0015	0.510	0.26	3.31	369	524	0.08	0.034	19.75	2.20	2.83	2.71
VINE19-DFN 3		0.04	31.4	0.95	<0.0002	0.466	0.19	7.20	488	604	0.08	0.023	18.20	0.487	2.34	1.970
VINE19-DFN 3C		<0.02			0.0037	0.144	0.96	5.64	423	859	0.32	0.137	17.70	2.47	5.93	2.94
VINE19-DFN 4		0.04	30.0	0.89	0.0003	0.304	0.12	239	593	587	0.05	0.019	14.70	0.890	1.100	3.97
VINE19-DFN 5		0.04	34.7	1.28	<0.0002	0.148	0.26	25.8	425	459	0.02	0.004	21.0	0.206	0.878	1.080
VINE19-DFN 6		0.04	34.4	1.40	0.0002	0.332	0.14	31.8	586	1105	0.03	0.016	19.50	1.455	1.280	1.980
VINE19-DFN 7		0.04	32.6	1.57	<0.0002	0.721	0.15	6.09	591	478	0.03	0.010	20.4	1.905	0.820	1.755
VINE19-DFN 8		0.04	30.1	0.79	<0.0002	0.617	0.22	1.43	336	2620	0.06	0.024	15.20	1.250	3.41	4.33
VINE19-DFN 9		0.04	30.0	1.24	<0.0002	0.468	0.10	3.21	636	421	0.04	0.012	21.3	0.796	1.060	1.635
VINE19-DFN 10		0.04	37.8	1.08	<0.0002	0.358	0.12	47.7	444	1030	0.03	0.015	19.60	0.736	0.767	2.03
VINE19-DFN 11		0.04	37.0	1.17	<0.0002	0.303	0.10	0.86	752	1620	0.02	0.009	16.85	0.439	0.562	0.959
VINE19-DFN 12		0.04	36.3	1.26	0.0004	0.384	0.22	41.2	607	861	0.05	0.019	19.55	1.030	1.420	6.11
VINE19-DFN 12C		<0.02			0.0031	0.136	1.00	4.74	445	895	0.34	0.142	18.60	2.42	5.78	2.90
VINE19-DFN 13		0.04	40.5	1.41	0.0003	0.708	0.09	1120	569	395	0.03	0.019	17.30	17.40	0.666	1.965
VINE19-DFN 14		0.06	41.7	1.47	<0.0002	1.695	0.16	1965	272	525	0.02	0.011	17.55	11.75	0.633	1.465
VINE19-DFN 15		0.06	38.7	1.69	<0.0002	0.240	0.15	1.96	355	822	0.04	0.010	23.3	0.490	2.13	1.425
VINE19-DFN 16		0.04	39.6	1.34	<0.0002	0.241	0.21	7.02	679	633	0.03	0.040	18.80	0.604	1.035	1.195
VINE19-DFN 17		0.04	40.8	1.73	<0.0002	0.283	0.20	7.81	787	667	0.04	0.013	21.7	0.277	1.490	1.265
VINE19-DFN 18		0.04	38.7	1.31	<0.0002	0.263	0.19	94.5	362	1045	0.04	0.015	17.65	2.59	0.755	2.02
VINE19-DFN 19		0.04	32.9	1.54	<0.0002	0.191	0.20	15.50	354	3480	0.06	0.015	24.0	1.480	2.79	3.75
VINE19-DFN 20		0.04	26.3	1.20	0.0008	0.876	0.13	64.4	518	510	0.02	0.015	27.6	7.05	0.686	1.545
VINE19-DFN 21		0.04	33.4	1.46	<0.0002	2.40	0.22	292	259	488	0.04	0.009	19.65	7.52	0.903	1.810
VINE19-DFN 21C		<0.02			0.0044	0.162	1.03	5.81	457	925	0.34	0.150	19.25	2.47	6.10	2.96
VINE19-DFN 22		0.04	26.4	1.10	<0.0002	0.204	0.13	399	386	388	0.04	0.013	21.6	1.760	2.10	6.61
VINE19-DFN 23		0.06	38.4	2.18	<0.0002	0.337	0.12	1.84	381	1425	0.04	0.014	22.4	0.841	1.750	1.320
VINE19-DFN 24		0.04	34.3	1.59	<0.0002	0.232	0.17	18.70	511	1645	0.05	0.018	17.65	0.787	1.580	2.18
VINE19-DFN 25		0.04	27.2	1.19	<0.0002	0.038	0.15	534	260	1080	0.05	0.016	21.7	1.170	1.250	2.97
VINE19-DFN 26		0.04	31.6	1.21	<0.0002	0.472	0.18	12.50	237	556	0.07	0.022	15.15	1.190	2.36	2.22
VINE19-DFN 27		0.06	42.9	1.74	<0.0002	0.423	0.16	2.20	571	507	0.02	0.014	20.3	0.736	0.785	0.938
VINE19-DFN 28		0.06	56.0	2.12	<0.0002	0.344	0.25	2.48	590	2200	0.07	0.017	20.8	0.889	5.56	3.54
VINE19-DFN 29		0.06	40.2	2.46	<0.0002	0.481	0.13	2.47	483	1920	0.06	0.011	21.9	0.174	1.565	2.63
VINE19-DFN 30		0.04	35.0	1.31	<0.0002	0.223	0.18	4.96	211	432	0.03	0.015	18.90	0.787	2.35	2.52
VINE19-DFN 30C		<0.02			0.0040	0.137	1.01	5.72	451	911	0.28	0.138	18.85	2.50	6.02	2.97
VINE19-DFN 31		0.04	27.8	1.28	0.0004	0.418	0.16	13.35	483	548	0.04	0.030	22.8	1.700	1.690	4.28
VINE19-DFN 32		0.04	27.7	1.19	<0.0002	0.683	0.12	49.1	413	473	0.04	0.016	21.4	4.15	0.916	2.44
VINE19-DFN 33		0.04	33.5	1.53	0.0019	0.449	0.13	2.38	890	664	0.02	0.018	20.9	0.383	0.936	0.786
VINE19-DFN 34		0.04	31.4	1.24	0.0010	0.233	0.44	67.3	334	657	0.04	0.021	23.1	1.765	1.565	2.76
VINE19-DFN 35		0.06	39.2	1.72	0.0009	0.190	0.30	1.07	372	942	0.02	0.017	23.9	0.441	1.270	1.470
VINE19-DFN 36		0.04	31.3	1.49	0.0006	0.680	0.26	3.55	512	1130	0.08	0.028	24.4	0.339	6.36	2.66

***** See Appendix Page for comments regarding this certificate *****

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To: PJX RESOURCES
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 24-FEB-2020
Account: PJXRES

CERTIFICATE OF ANALYSIS VA20015761

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Cr ppm 0.01	ME-VEG41a Cs ppm 0.005	ME-VEG41a Cu ppm 0.01	ME-VEG41a Fe ppm 1	ME-VEG41a Ga ppm 0.004	ME-VEG41a Ge ppm 0.005	ME-VEG41a Hf ppm 0.002	ME-VEG41a Hg ppm 0.001	ME-VEG41a In ppm 0.005	ME-VEG41a K % 0.01	ME-VEG41a La ppm 0.002	ME-VEG41a Li ppm 0.1	ME-VEG41a Mg % 0.001	ME-VEG41a Mn ppm 0.1	ME-VEG41a Mo ppm 0.01
VINE19-DFN 1		2.91	0.381	48.3	1300	0.285	0.007	0.036	0.005	<0.005	>10.0	0.930	1.0	2.99	12150	0.76
VINE19-DFN 2		2.27	0.240	35.5	1200	0.260	0.010	0.016	0.086	<0.005	>10.0	3.85	0.9	1.990	12500	0.41
VINE19-DFN 3		2.30	0.489	46.1	1500	0.262	0.013	0.023	0.009	<0.005	>10.0	4.27	1.6	2.45	6860	0.51
VINE19-DFN 3C		9.85	4.18	93.8	4300	0.959	0.022	0.064	0.035	0.012	>10.0	3.15	4.9	2.17	29500	0.88
VINE19-DFN 4		1.93	0.099	47.2	1100	0.205	0.010	0.023	0.008	<0.005	>10.0	1.390	0.9	2.52	11600	1.72
VINE19-DFN 5		1.58	0.221	42.9	938	0.221	<0.005	0.017	0.002	<0.005	>10.0	0.855	0.8	1.670	15700	0.51
VINE19-DFN 6		0.94	0.063	31.1	814	0.155	<0.005	0.017	0.010	0.006	>10.0	0.937	0.5	1.270	8880	0.34
VINE19-DFN 7		1.20	0.127	36.2	991	0.176	<0.005	0.011	<0.001	<0.005	>10.0	0.506	0.9	2.29	9130	0.48
VINE19-DFN 8		2.10	0.357	39.4	1700	0.294	0.015	0.029	0.002	<0.005	>10.0	2.62	1.4	2.83	9520	0.37
VINE19-DFN 9		1.23	0.197	33.0	1000	0.194	0.006	0.023	0.004	<0.005	>10.0	0.975	1.2	1.760	6130	0.58
VINE19-DFN 10		1.10	0.138	46.9	932	0.159	0.010	0.016	<0.001	<0.005	>10.0	0.876	2.4	2.89	6260	0.42
VINE19-DFN 11		0.92	0.091	36.6	901	0.152	0.008	0.013	<0.001	<0.005	>10.0	0.609	0.7	2.64	7900	0.52
VINE19-DFN 12		2.39	0.175	33.0	1200	0.222	<0.005	0.015	0.004	<0.005	>10.0	1.225	0.9	3.42	14950	0.37
VINE19-DFN 12C		9.97	4.04	93.9	4400	0.913	0.022	0.055	0.028	0.006	>10.0	3.13	4.4	2.27	30800	0.88
VINE19-DFN 13		0.99	0.249	45.0	1100	0.152	0.008	0.020	0.005	<0.005	>10.0	0.401	1.4	3.22	1185	1.59
VINE19-DFN 14		0.83	0.229	59.1	889	0.134	0.012	0.018	<0.001	<0.005	>10.0	0.376	0.7	3.04	1690	0.46
VINE19-DFN 15		1.03	0.311	27.3	768	0.140	0.009	0.014	<0.001	<0.005	>10.0	5.73	1.1	1.490	9990	0.46
VINE19-DFN 16		1.24	0.326	47.5	1300	0.217	0.008	0.029	<0.001	<0.005	>10.0	0.844	0.8	2.61	8390	0.63
VINE19-DFN 17		1.33	0.278	43.6	1100	0.172	0.007	0.019	0.002	<0.005	>10.0	1.710	1.7	1.270	6260	0.45
VINE19-DFN 18		1.14	0.269	41.7	929	0.147	0.007	0.016	0.003	<0.005	>10.0	0.606	0.6	2.24	5720	0.97
VINE19-DFN 19		1.96	0.237	26.4	1100	0.195	0.008	0.022	0.002	<0.005	8.79	2.92	1.3	1.360	9350	0.29
VINE19-DFN 20		1.15	0.116	44.7	1100	0.167	0.006	0.020	<0.001	<0.005	>10.0	0.747	0.6	2.91	4890	1.67
VINE19-DFN 21		1.05	0.243	34.3	1100	0.241	0.007	0.022	0.001	<0.005	>10.0	0.670	0.6	2.66	3820	0.59
VINE19-DFN 21C		10.15	4.03	96.5	4600	0.899	0.015	0.071	0.047	0.016	>10.0	3.21	4.2	2.35	32000	0.97
VINE19-DFN 22		1.05	0.226	33.3	763	0.129	<0.005	0.016	0.001	<0.005	>10.0	2.27	0.6	2.87	10900	0.27
VINE19-DFN 23		1.09	0.086	24.2	808	0.141	0.006	0.017	<0.001	<0.005	7.12	2.06	0.7	1.180	8970	0.27
VINE19-DFN 24		1.50	0.364	35.2	1300	0.228	0.007	0.022	0.029	<0.005	>10.0	0.951	0.7	1.490	12300	1.02
VINE19-DFN 25		1.23	0.184	27.5	962	0.157	0.007	0.018	<0.001	<0.005	>10.0	1.050	0.8	1.950	9320	0.98
VINE19-DFN 26		1.10	0.110	43.8	993	0.161	0.008	0.017	0.002	<0.005	>10.0	3.28	0.7	2.41	9120	0.49
VINE19-DFN 27		1.16	0.149	37.0	923	0.153	<0.005	0.014	<0.001	<0.005	>10.0	0.865	0.4	2.24	13250	0.78
VINE19-DFN 28		1.67	0.133	36.2	1500	0.239	0.008	0.031	0.003	<0.005	>10.0	5.01	1.0	2.46	6000	0.28
VINE19-DFN 29		0.84	0.199	22.1	817	0.139	0.005	0.017	<0.001	<0.005	8.83	2.91	1.1	1.910	4410	0.34
VINE19-DFN 30		1.49	0.187	44.1	1200	0.185	0.006	0.021	<0.001	<0.005	>10.0	2.26	2.8	3.47	13250	0.79
VINE19-DFN 30C		10.30	4.17	96.2	4800	0.843	0.020	0.063	0.041	0.007	>10.0	3.17	3.8	2.30	31300	0.93
VINE19-DFN 31		1.58	0.203	25.8	1100	0.184	0.005	0.018	<0.001	<0.005	6.96	0.972	1.4	2.80	8260	0.48
VINE19-DFN 32		0.92	0.158	42.2	661	0.109	0.005	0.006	<0.001	<0.005	>10.0	2.53	1.3	2.39	11800	1.56
VINE19-DFN 33		1.32	0.127	36.6	1000	0.143	<0.005	0.015	<0.001	<0.005	>10.0	0.661	12.1	2.69	7360	0.54
VINE19-DFN 34		1.32	0.107	38.9	1200	0.192	0.005	0.016	0.002	<0.005	>10.0	1.560	0.7	2.34	10450	0.59
VINE19-DFN 35		1.26	0.251	33.2	998	0.200	<0.005	0.012	0.002	<0.005	9.11	1.300	0.6	2.26	18600	0.64
VINE19-DFN 36		1.07	0.094	31.0	939	0.140	<0.005	0.011	<0.001	<0.005	9.64	7.89	0.4	2.36	6790	0.38

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Finalized Date: 24-FEB-2020
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CERTIFICATE OF ANALYSIS VA20015761

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Na % 0.001	ME-VEG41a Nb ppm 0.002	ME-VEG41a Ni ppm 0.04	ME-VEG41a P % 0.001	ME-VEG41a Pb ppm 0.01	ME-VEG41a Pd ppm 0.001	ME-VEG41a Pt ppm 0.002	ME-VEG41a Rb ppm 0.01	ME-VEG41a Re ppm 0.001	ME-VEG41a S % 0.01	ME-VEG41a Sb ppm 0.01	ME-VEG41a Sc ppm 0.01	ME-VEG41a Se ppm 0.005	ME-VEG41a Sn ppm 0.01	ME-VEG41a Sr ppm 0.02
VINE19-DFN 1		0.016	0.049	3.15	>5.0	3.80	0.024	<0.002	43.6	0.002	1.83	0.20	3.02	0.548	0.25	2940
VINE19-DFN 2		0.011	0.048	4.51	3.74	4.00	0.007	<0.002	26.2	0.002	1.26	0.17	2.84	0.403	0.19	1200
VINE19-DFN 3		0.017	0.047	6.55	3.50	3.13	0.007	<0.002	51.4	0.003	1.43	0.16	2.48	0.467	0.17	765
VINE19-DFN 3C		0.116	0.379	56.1	3.39	50.6	0.005	0.002	236	0.004	1.51	0.44	2.17	0.854	1.10	739
VINE19-DFN 4		0.020	0.048	4.31	3.56	2.90	0.005	<0.002	24.0	0.003	1.99	0.13	2.67	0.656	0.15	912
VINE19-DFN 5		0.013	0.043	6.62	3.16	2.74	0.006	<0.002	25.7	0.002	1.37	0.14	2.32	0.394	0.16	985
VINE19-DFN 6		0.010	0.029	5.00	4.28	1.33	0.006	<0.002	4.95	0.002	1.39	0.17	1.77	0.375	0.12	1130
VINE19-DFN 7		0.012	0.028	2.50	3.52	2.10	0.006	<0.002	12.40	0.004	1.26	0.09	2.69	0.285	0.07	824
VINE19-DFN 8		0.026	0.133	13.40	3.97	2.72	0.009	<0.002	35.1	0.004	1.69	0.22	3.26	0.454	0.23	987
VINE19-DFN 9		0.012	0.034	3.40	2.57	1.72	0.006	<0.002	18.90	0.003	1.51	0.08	2.55	0.356	0.13	1035
VINE19-DFN 10		0.011	0.043	2.56	3.06	1.57	0.012	<0.002	24.3	0.012	1.53	0.15	1.88	0.552	0.14	907
VINE19-DFN 11		0.003	0.028	3.01	3.09	0.98	0.006	<0.002	18.35	0.003	1.10	0.09	3.09	0.272	0.09	1010
VINE19-DFN 12		0.005	0.053	7.52	4.22	4.60	0.008	<0.002	18.30	0.002	1.39	0.13	2.71	0.418	0.17	1675
VINE19-DFN 12C		0.122	0.371	56.3	3.57	49.8	0.010	0.061	238	0.003	1.57	0.36	2.05	0.824	0.97	775
VINE19-DFN 13		0.006	0.043	8.17	3.54	9.97	0.010	<0.002	36.8	0.011	3.85	0.19	1.83	0.287	0.11	732
VINE19-DFN 14		0.012	0.026	4.91	3.71	11.10	<0.001	<0.002	35.8	0.003	2.07	0.23	2.76	0.292	0.08	471
VINE19-DFN 15		0.007	0.040	3.09	3.12	1.42	0.006	<0.002	31.7	0.002	1.03	0.09	2.61	0.155	0.09	736
VINE19-DFN 16		0.013	0.048	4.45	3.23	4.36	0.008	<0.002	14.45	0.003	1.33	0.21	2.68	0.237	0.20	781
VINE19-DFN 17		0.013	0.064	4.11	2.97	2.70	0.011	<0.002	40.9	0.001	1.12	0.11	1.91	0.201	0.12	2090
VINE19-DFN 18		0.009	0.037	3.78	3.38	1.91	0.009	<0.002	27.6	0.003	1.58	0.07	2.87	0.371	0.12	948
VINE19-DFN 19		0.025	0.032	3.83	2.48	2.82	0.011	<0.002	21.9	0.002	0.58	0.14	2.55	0.274	0.20	1315
VINE19-DFN 20		<0.001	0.043	5.01	2.72	5.89	0.011	<0.002	10.40	0.009	1.98	0.14	2.00	0.193	0.41	1640
VINE19-DFN 21		0.010	0.042	5.87	3.45	7.72	0.006	<0.002	34.5	0.018	2.33	0.11	2.34	0.136	0.14	868
VINE19-DFN 21C		0.129	0.400	57.9	3.67	52.1	0.011	<0.002	242	0.003	1.61	0.42	2.04	0.809	1.05	801
VINE19-DFN 22		0.008	0.032	7.92	3.15	1.37	0.008	<0.002	39.1	0.009	2.40	0.08	2.05	0.306	0.11	1005
VINE19-DFN 23		0.010	0.008	4.10	1.825	1.43	0.005	<0.002	7.72	0.003	0.90	0.10	1.66	0.443	0.12	1220
VINE19-DFN 24		0.014	0.035	5.19	3.78	1.78	0.013	<0.002	31.0	0.002	0.69	0.13	2.14	0.297	0.14	1640
VINE19-DFN 25		0.011	0.038	4.15	3.17	1.65	0.011	<0.002	20.3	0.005	1.22	0.11	2.44	0.233	0.12	1440
VINE19-DFN 26		0.016	0.035	10.40	3.72	1.82	0.006	<0.002	22.1	0.003	1.41	0.13	2.67	0.306	0.12	983
VINE19-DFN 27		0.007	0.019	4.63	3.06	2.41	0.011	<0.002	22.5	0.001	1.27	0.13	2.32	0.198	0.13	1085
VINE19-DFN 28		0.016	0.064	10.40	3.92	2.92	0.013	<0.002	12.35	0.004	0.90	0.13	2.64	0.179	0.21	1700
VINE19-DFN 29		0.006	0.024	4.38	2.27	1.40	0.009	<0.002	13.65	0.001	0.69	0.06	2.27	0.165	0.05	1275
VINE19-DFN 30		0.015	0.044	3.76	3.58	1.42	0.012	<0.002	39.2	0.011	1.56	0.15	2.14	0.375	0.14	1330
VINE19-DFN 30C		0.126	0.361	57.7	3.61	51.2	0.008	<0.002	240	0.003	1.60	0.40	2.04	0.741	1.09	782
VINE19-DFN 31		0.022	0.044	4.66	2.82	2.00	0.013	<0.002	20.4	0.006	1.18	0.11	1.94	0.272	0.13	1520
VINE19-DFN 32		0.008	0.023	10.25	2.79	1.08	0.008	<0.002	28.3	0.002	1.46	0.10	2.10	0.251	0.09	1100
VINE19-DFN 33		0.011	0.040	3.23	3.37	1.70	<0.001	0.002	10.75	0.005	1.08	0.10	1.75	0.157	0.10	1820
VINE19-DFN 34		0.013	0.042	4.01	3.32	1.48	<0.001	<0.002	16.20	0.003	1.28	0.12	1.86	0.261	0.12	1290
VINE19-DFN 35		0.012	0.024	4.36	2.57	1.45	<0.001	<0.002	22.5	0.001	0.82	0.11	1.92	0.213	0.11	828
VINE19-DFN 36		0.007	0.046	1.46	2.94	1.71	0.002	<0.002	11.80	0.001	0.81	0.30	1.53	0.475	0.08	1455

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TORONTO ON M5X 1C9

Finalized Date: 24-FEB-2020
Account: PJXRES

CERTIFICATE OF ANALYSIS VA20015761

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Ta ppm 0.001	ME-VEG41a Te ppm 0.02	ME-VEG41a Th ppm 0.002	ME-VEG41a Ti % 0.001	ME-VEG41a Tl ppm 0.002	ME-VEG41a U ppm 0.005	ME-VEG41a V ppm 0.05	ME-VEG41a W ppm 0.01	ME-VEG41a Y ppm 0.003	ME-VEG41a Zn ppm 0.1	ME-VEG41a Zr ppm 0.02	ME-HAL01a I ppm 0.002	ME-HAL01a Br ppm 0.02	ME-HAL01a F ppm 0.05	ME-HAL01a Cl ppm 0.1
VINE19-DFN 1		<0.001	<0.02	0.128	0.004	0.011	0.039	1.91	0.16	0.692	694	0.91	0.307	39.4	4.59	1480
VINE19-DFN 2		<0.001	<0.02	0.129	0.004	0.031	0.054	1.91	0.15	3.98	1065	0.82	0.113	30.0	1.22	1410
VINE19-DFN 3		<0.001	<0.02	0.142	0.005	0.008	0.108	2.02	0.18	5.85	520	0.89	0.308	75.8	5.97	1995
VINE19-DFN 3C		0.009	<0.02	0.662	0.015	0.381	0.197	10.90	0.57	1.530	1350	2.06	5.63	66.6	32.7	4380
VINE19-DFN 4		<0.001	<0.02	0.101	0.003	0.008	0.147	1.59	0.16	1.845	710	0.83	0.431	90.7	5.55	2310
VINE19-DFN 5		<0.001	<0.02	0.087	0.003	0.004	0.024	1.21	0.12	0.657	661	0.59	0.251	73.1	5.27	2100
VINE19-DFN 6		<0.001	<0.02	0.077	0.002	0.021	0.035	0.91	0.10	1.060	731	0.47	0.079	22.8	1.74	882
VINE19-DFN 7		<0.001	<0.02	0.098	0.003	0.023	0.125	1.23	0.13	0.283	867	0.58	0.151	48.4	4.82	1270
VINE19-DFN 8		<0.001	<0.02	0.181	0.006	0.076	0.093	2.32	0.24	3.44	546	1.09	0.265	49.0	7.02	1485
VINE19-DFN 9		<0.001	<0.02	0.107	0.004	0.007	0.049	1.53	0.15	0.640	542	0.71	0.268	38.5	6.28	1910
VINE19-DFN 10		<0.001	<0.02	0.098	0.003	0.009	0.035	1.18	0.11	0.640	656	0.63	0.356	45.5	4.21	2140
VINE19-DFN 11		<0.001	<0.02	0.081	0.003	0.009	0.058	1.01	0.08	0.364	682	0.50	0.442	43.5	5.86	1895
VINE19-DFN 12		<0.001	<0.02	0.115	0.004	0.054	0.040	1.52	0.12	1.325	799	0.74	0.226	33.5	6.29	1615
VINE19-DFN 12C		0.010	<0.02	0.610	0.015	0.373	0.189	10.60	0.57	1.430	1420	2.08	6.23	65.8	29.3	4590
VINE19-DFN 13		<0.001	<0.02	0.101	0.003	0.035	0.064	1.10	0.10	0.341	1975	0.60	0.612	48.9	4.60	1500
VINE19-DFN 14		<0.001	<0.02	0.088	0.002	0.005	0.148	1.14	0.06	0.283	1885	0.46	0.502	220	3.78	1600
VINE19-DFN 15		<0.001	<0.02	0.071	0.003	0.005	0.030	1.07	0.08	5.46	595	0.51	0.200	52.0	3.86	1800
VINE19-DFN 16		<0.001	<0.02	0.137	0.004	0.013	0.092	1.76	0.22	0.770	609	0.74	0.422	38.2	3.24	2100
VINE19-DFN 17		<0.001	<0.02	0.110	0.004	0.005	0.032	1.55	0.12	1.325	458	0.64	0.406	33.5	3.61	2790
VINE19-DFN 18		<0.001	<0.02	0.083	0.003	0.039	0.312	1.19	0.12	0.386	809	0.54	0.534	61.4	4.14	2030
VINE19-DFN 19		<0.001	<0.02	0.113	0.004	0.034	0.061	1.46	0.13	2.34	535	0.66	0.211	37.3	1.48	1180
VINE19-DFN 20		<0.001	<0.02	0.086	0.003	0.012	0.267	1.23	0.16	0.507	1410	0.67	0.290	41.5	4.53	909
VINE19-DFN 21		<0.001	<0.02	0.113	0.003	0.017	0.149	1.15	0.12	0.457	1075	0.56	0.506	41.2	4.54	1195
VINE19-DFN 21C		0.011	<0.02	0.657	0.016	0.378	0.190	11.35	0.60	1.435	1470	2.19	6.32	62.9	29.9	4530
VINE19-DFN 22		<0.001	<0.02	0.073	0.002	0.007	0.041	1.07	0.11	1.980	693	0.48	0.233	212	5.08	2370
VINE19-DFN 23		<0.001	<0.02	0.081	0.003	0.092	0.060	1.11	0.10	2.97	506	0.56	0.074	32.2	2.73	697
VINE19-DFN 24		<0.001	<0.02	0.126	0.005	0.037	0.041	1.84	0.12	0.862	635	0.86	0.444	75.9	3.41	1775
VINE19-DFN 25		<0.001	<0.02	0.100	0.003	0.030	0.141	1.38	0.11	0.846	468	0.66	0.211	48.2	4.48	799
VINE19-DFN 26		<0.001	<0.02	0.094	0.003	0.010	0.034	1.25	0.15	3.08	1065	0.56	0.483	51.1	4.84	2540
VINE19-DFN 27		<0.001	<0.02	0.078	0.003	0.008	0.028	1.11	0.08	0.628	860	0.54	0.269	42.5	4.36	2010
VINE19-DFN 28		<0.001	<0.02	0.190	0.005	0.030	0.053	2.07	0.17	4.80	421	0.95	0.552	32.0	4.37	1405
VINE19-DFN 29		<0.001	<0.02	0.083	0.003	0.065	0.071	1.17	0.08	3.85	706	0.56	0.321	14.05	3.96	795
VINE19-DFN 30		<0.001	<0.02	0.118	0.004	0.005	0.082	1.54	0.14	1.960	439	0.79	0.311	244	4.32	2030
VINE19-DFN 30C		0.010	<0.02	0.648	0.016	0.366	0.211	11.45	0.55	1.490	1430	1.97	6.24	68.0	27.7	4680
VINE19-DFN 31		<0.001	<0.02	0.123	0.004	0.063	0.052	1.66	0.16	1.180	497	0.76	0.053	28.4	5.46	610
VINE19-DFN 32		<0.001	<0.02	0.056	0.002	0.016	0.024	0.83	0.06	1.895	784	0.38	0.224	69.4	1.24	808
VINE19-DFN 33		<0.001	<0.02	0.109	0.003	0.020	0.052	1.53	0.11	0.416	665	0.60	0.358	15.00	4.63	1100
VINE19-DFN 34		<0.001	<0.02	0.094	0.003	0.034	0.027	1.60	0.12	1.240	820	0.57	0.297	25.8	5.31	602
VINE19-DFN 35		<0.001	<0.02	0.089	0.003	0.064	0.025	1.34	0.10	1.185	528	0.53	0.182	18.65	4.22	812
VINE19-DFN 36		<0.001	<0.02	0.086	0.003	0.052	0.031	1.40	0.09	8.70	372	0.53	0.189	33.6	2.55	814

***** See Appendix Page for comments regarding this certificate *****

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To: PJX RESOURCES
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 24-FEB-2020
Account: PJXRES

CERTIFICATE OF ANALYSIS VA20015761

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	VEG-ASH01 WT. SAMP g 0.01	VEG-ASH01 WT. ASH g 0.01	ME-VEG41a Au ppm 0.0002	ME-VEG41a Ag ppm 0.001	ME-VEG41a Al % 0.01	ME-VEG41a As ppm 0.01	ME-VEG41a B ppm 1	ME-VEG41a Ba ppm 0.1	ME-VEG41a Be ppm 0.01	ME-VEG41a Bi ppm 0.001	ME-VEG41a Ca % 0.01	ME-VEG41a Cd ppm 0.001	ME-VEG41a Ce ppm 0.003	ME-VEG41a Co ppm 0.002
VINE19-DFN 37		0.06	42.5	1.45	0.0016	0.474	0.29	4.61	585	570	0.11	0.029	20.9	0.791	4.03	7.27
VINE19-DFN 38		0.06	36.5	1.60	0.0008	0.110	0.19	313	563	558	0.03	0.024	15.55	0.802	1.060	1.495
VINE19-DFN 39		0.04	35.4	1.61	0.0007	0.186	0.14	319	426	494	0.03	0.017	19.50	0.719	2.39	2.35
VINE19-DFN 39C		<0.02			0.0039	0.155	0.99	6.29	446	893	0.33	0.158	18.40	2.60	6.97	3.20
VINE19-DFN 40		0.04	35.4	1.60	0.0008	0.239	0.09	9.14	612	716	0.01	0.021	20.8	0.577	0.680	1.060
VINE19-DFN 41		0.06	42.4	2.37	0.0002	0.227	0.12	0.83	403	1795	0.03	0.014	25.4	0.460	1.775	2.95
VINE19-DFN 42		0.06	40.5	1.65	0.0005	0.360	0.34	9.13	380	2530	0.05	0.017	21.1	0.822	1.595	1.400
VINE19-DFN 43		0.06	41.4	1.46	0.0036	0.507	0.34	2.02	389	1325	0.15	0.041	21.6	1.165	2.08	3.26
VINE19-DFN 44		0.06	37.7	1.84	<0.0002	0.224	0.23	185.0	379	738	0.03	0.025	21.6	1.350	2.18	2.03
VINE19-DFN 45		0.06	39.2	1.54	<0.0002	0.410	0.14	185.5	658	497	0.02	0.020	20.0	1.310	0.951	3.12
VINE19-DFN 46		0.06	36.9	1.41	<0.0002	0.441	0.12	262	742	533	0.01	0.022	21.9	1.650	0.867	2.21
VINE19-DFN 47		0.06	40.5	1.19	0.0003	0.408	0.10	13.85	574	555	0.03	0.043	18.55	2.43	0.873	1.905
VINE19-DFN 48		0.06	39.4	1.71	0.0002	0.139	0.22	2.22	367	930	0.03	0.020	20.9	1.750	1.525	2.66
VINE19-DFN 48C		<0.02			0.0040	0.165	1.01	5.98	455	915	0.35	0.161	19.00	2.59	6.76	3.21
VINE19-DFN 49		0.06	39.3	1.97	<0.0002	0.210	0.28	2.59	252	2970	0.05	0.010	22.3	0.525	1.565	1.565
VINE19-DFN 50		0.04	36.5	2.83	<0.0002	0.353	0.16	4.43	519	3100	0.05	0.015	25.7	0.932	5.91	2.19
VINE19-DFN 51		0.04	35.6	1.25	<0.0002	0.598	0.23	135.0	665	498	0.02	0.023	18.15	0.601	1.205	1.800
VINE19-DFN 52		0.04	39.3	1.69	0.0004	0.731	0.10	16.70	618	1460	0.02	0.021	20.7	0.927	1.015	1.630
VINE19-DFN 53		0.04	35.2	3.01	0.0004	0.317	0.06	1.49	602	1355	0.01	0.011	26.0	0.708	0.642	0.730
VINE19-DFN 54		0.06	48.1	2.05	0.0005	0.148	0.21	163.5	668	1320	0.04	0.026	19.40	1.655	2.16	5.23
VINE19-DFN 55		0.04	33.2	1.62	0.0002	0.231	0.18	109.0	412	527	0.03	0.021	17.25	1.085	1.690	2.65
VINE19-DFN 56		0.06	43.5	1.53	0.0003	0.118	0.18	4.35	564	708	0.03	0.020	17.55	0.682	1.180	1.255
VINE19-DFN 57		0.04	36.4	1.38	<0.0002	0.461	0.49	3.43	345	772	0.17	0.033	20.7	1.140	4.03	4.97
VINE19-DFN 57C		<0.02			0.0048	0.143	1.00	5.80	449	897	0.33	0.157	18.70	2.48	6.74	3.06
VINE19-DFN 58		0.04	40.5	2.11	0.0020	0.362	0.21	1.31	255	2360	0.08	0.020	22.1	4.45	2.14	2.42
VINE19-DFN 59		0.04	32.2	1.53	<0.0002	0.270	0.08	50.8	642	925	0.01	0.009	21.8	0.632	0.477	1.795
VINE19-DFN 60		0.04	37.0	1.67	<0.0002	0.406	0.12	7.33	704	615	0.01	0.013	24.4	1.855	0.746	1.405
VINE19-DFN 61		0.04	35.1	1.38	0.0002	0.756	0.15	5.15	813	1325	0.02	0.019	23.9	3.63	0.914	2.85
VINE19-DFN 62		0.04	32.8	1.15	<0.0002	0.111	0.22	197.0	530	708	0.03	0.017	16.45	1.230	0.881	1.470
VINE19-DFN 63		0.04	38.7	1.41	<0.0002	0.354	0.40	13.05	402	503	0.05	0.025	21.2	0.961	2.24	2.68
VINE19-DFN 64		0.04	36.9	1.36	<0.0002	0.420	0.14	5.79	435	1105	0.03	0.028	17.20	1.155	1.300	4.38
VINE19-DFN 65		0.06	39.9	1.42	<0.0002	0.525	0.18	67.5	167	1370	0.06	0.028	22.9	0.588	3.73	4.14
VINE19-DFN 66		0.06	39.5	1.51	0.0006	0.224	0.16	168.5	586	594	0.03	0.016	20.5	1.630	1.420	3.87
VINE19-DFN 66C		<0.02			0.0048	0.145	1.02	6.17	449	911	0.36	0.142	18.80	2.47	6.25	3.06
VINE19-DFN 67		0.04	33.5	1.96	0.0006	0.382	0.19	6.21	854	631	0.05	0.018	23.6	2.06	2.22	2.97
VINE19-DFN 68		0.04	35.4	1.26	0.0008	0.450	0.13	3.30	672	1710	0.02	0.026	16.15	0.585	1.305	1.500
VINE19-DFN 69		0.06	35.8	1.38	0.0010	0.352	0.12	12.90	592	585	0.03	0.015	18.65	1.255	1.500	3.56
VINE19-DFN 70		0.04	31.9	1.85	0.0007	0.386	0.24	32.8	688	1665	0.08	0.017	20.4	0.841	2.18	2.94
VINE19-DFN 71		0.04	36.2	2.00	0.0005	0.624	0.19	116.0	209	2360	0.09	0.028	25.5	1.050	6.33	6.62
VINE19-DFN 72		0.04	32.7	1.34	0.0005	0.165	0.20	248	604	398	0.01	0.015	21.2	0.996	1.655	2.07

***** See Appendix Page for comments regarding this certificate *****

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5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 24-FEB-2020
Account: PJXRES

CERTIFICATE OF ANALYSIS VA20015761

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Cr ppm 0.01	ME-VEG41a Cs ppm 0.005	ME-VEG41a Cu ppm 0.01	ME-VEG41a Fe ppm 1	ME-VEG41a Ga ppm 0.004	ME-VEG41a Ge ppm 0.005	ME-VEG41a Hf ppm 0.002	ME-VEG41a Hg ppm 0.001	ME-VEG41a In ppm 0.005	ME-VEG41a K % 0.01	ME-VEG41a La ppm 0.002	ME-VEG41a Li ppm 0.1	ME-VEG41a Mg % 0.001	ME-VEG41a Mn ppm 0.1	ME-VEG41a Mo ppm 0.01
VINE19-DFN 37		1.45	0.162	31.7	1100	0.227	0.006	0.019	0.016	<0.005	>10.0	6.84	0.8	1.780	18400	0.28
VINE19-DFN 38		1.66	0.100	37.5	1300	0.189	<0.005	0.016	0.003	<0.005	>10.0	0.904	0.7	3.13	9330	3.53
VINE19-DFN 39		1.28	0.193	29.7	928	0.144	<0.005	0.017	0.008	<0.005	>10.0	2.51	0.8	2.22	11900	2.21
VINE19-DFN 39C		11.50	4.35	102.5	4400	0.863	0.016	0.057	0.029	0.015	>10.0	3.48	3.7	2.37	31300	1.12
VINE19-DFN 40		1.19	0.067	44.0	862	0.119	<0.005	0.014	0.002	<0.005	>10.0	0.509	0.4	1.870	8390	0.63
VINE19-DFN 41		1.08	0.098	23.9	776	0.117	<0.005	0.015	<0.001	<0.005	7.51	2.02	1.0	2.15	7790	0.27
VINE19-DFN 42		1.38	0.165	36.1	1100	0.207	<0.005	0.016	<0.001	<0.005	>10.0	1.635	0.6	2.96	14300	0.70
VINE19-DFN 43		1.70	0.218	48.2	1600	0.300	0.006	0.023	0.003	<0.005	>10.0	1.985	1.0	2.11	9640	0.37
VINE19-DFN 44		1.60	0.097	26.7	900	0.185	<0.005	0.016	0.007	<0.005	9.15	2.85	0.8	1.940	15400	1.96
VINE19-DFN 45		1.13	0.242	43.6	899	0.124	<0.005	0.011	0.005	<0.005	>10.0	0.873	1.3	1.880	8390	1.32
VINE19-DFN 46		0.93	0.107	44.6	960	0.143	<0.005	0.015	0.006	<0.005	>10.0	0.841	0.5	2.65	13000	1.63
VINE19-DFN 47		1.60	0.361	83.9	1100	0.178	<0.005	0.020	0.009	0.005	>10.0	0.697	0.6	3.60	9850	0.88
VINE19-DFN 48		1.06	0.086	53.0	1000	0.143	<0.005	0.013	0.003	<0.005	>10.0	1.960	0.5	2.02	8760	0.37
VINE19-DFN 48C		11.85	4.16	112.5	4500	0.886	0.012	0.050	0.032	0.011	>10.0	3.38	4.0	2.41	32000	1.05
VINE19-DFN 49		1.73	0.182	26.9	911	0.183	<0.005	0.015	0.003	<0.005	9.02	1.565	0.8	2.15	17400	0.40
VINE19-DFN 50		0.97	0.084	15.45	794	0.126	0.005	0.014	<0.001	<0.005	6.00	9.33	0.5	0.990	11700	0.23
VINE19-DFN 51		1.04	0.169	56.7	1000	0.134	<0.005	0.015	0.003	<0.005	>10.0	1.975	0.5	2.11	6800	1.29
VINE19-DFN 52		1.36	0.092	40.7	1000	0.177	<0.005	0.020	0.005	<0.005	>10.0	1.865	2.4	2.04	17050	0.54
VINE19-DFN 53		0.68	0.092	14.65	585	0.086	<0.005	0.007	0.006	<0.005	4.38	0.470	0.5	1.180	3410	0.26
VINE19-DFN 54		2.10	0.224	48.4	1600	0.254	<0.005	0.026	<0.001	<0.005	>10.0	1.235	0.9	4.40	10600	0.86
VINE19-DFN 55		1.26	0.130	34.9	1000	0.149	<0.005	0.020	<0.001	<0.005	>10.0	1.620	0.4	2.47	10150	0.53
VINE19-DFN 56		1.71	0.101	57.3	1100	0.177	<0.005	0.014	0.006	<0.005	>10.0	1.030	0.5	3.80	15050	1.35
VINE19-DFN 57		2.07	0.275	48.4	1200	0.254	<0.005	0.015	<0.001	<0.005	>10.0	4.37	0.7	1.770	28300	0.30
VINE19-DFN 57C		12.10	4.10	102.5	4500	0.858	0.016	0.058	0.024	0.017	>10.0	3.40	3.7	2.38	31600	1.01
VINE19-DFN 58		1.18	0.163	30.6	1100	0.163	0.005	0.018	0.003	<0.005	>10.0	3.70	0.6	1.920	7350	0.19
VINE19-DFN 59		0.77	0.078	43.8	674	0.082	<0.005	0.012	<0.001	<0.005	>10.0	0.361	1.2	2.55	6200	1.80
VINE19-DFN 60		0.88	0.103	45.3	776	0.113	0.006	0.010	<0.001	<0.005	>10.0	0.610	0.4	2.46	8220	1.04
VINE19-DFN 61		1.10	0.242	67.1	1000	0.139	<0.005	0.012	<0.001	<0.005	>10.0	0.507	0.4	3.12	6050	2.79
VINE19-DFN 62		0.99	0.479	44.9	952	0.163	0.005	0.012	0.002	0.005	>10.0	1.035	0.5	2.68	13450	1.75
VINE19-DFN 63		2.38	0.400	40.1	1600	0.246	<0.005	0.019	<0.001	<0.005	>10.0	1.565	1.0	2.65	12250	0.61
VINE19-DFN 64		1.59	0.111	34.6	1000	0.206	<0.005	0.020	<0.001	<0.005	>10.0	1.055	4.9	3.02	15950	0.65
VINE19-DFN 65		2.27	0.188	29.6	1300	0.259	<0.005	0.025	<0.001	<0.005	8.53	2.93	6.1	3.08	18950	0.70
VINE19-DFN 66		1.56	0.111	30.6	908	0.168	<0.005	0.015	0.001	0.005	>10.0	0.821	3.8	2.60	13900	1.83
VINE19-DFN 66C		11.80	4.00	102.0	4500	1.030	0.020	0.067	0.035	0.016	>10.0	3.02	5.0	2.29	31200	0.97
VINE19-DFN 67		1.69	0.167	26.4	1000	0.241	0.006	0.016	<0.001	<0.005	8.12	1.915	1.5	2.07	14250	1.97
VINE19-DFN 68		1.67	0.161	50.8	1200	0.206	0.010	0.022	<0.001	0.009	>10.0	0.771	0.8	1.920	6290	0.25
VINE19-DFN 69		1.55	0.149	45.9	886	0.171	0.005	0.018	0.003	<0.005	>10.0	1.570	0.9	2.83	15650	0.46
VINE19-DFN 70		2.05	0.136	27.9	1200	0.236	0.005	0.021	0.001	<0.005	9.50	2.04	2.3	3.15	13850	0.39
VINE19-DFN 71		3.56	0.204	18.20	1600	0.368	0.008	0.031	0.007	0.009	6.21	5.39	1.7	1.410	22500	0.23
VINE19-DFN 72		1.64	0.175	45.7	984	0.194	0.005	0.015	0.001	<0.005	>10.0	2.54	1.4	2.92	12200	1.49

***** See Appendix Page for comments regarding this certificate *****

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5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 24-FEB-2020
Account: PJXRES

CERTIFICATE OF ANALYSIS VA20015761

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Na % 0.001	ME-VEG41a Nb ppm 0.002	ME-VEG41a Ni ppm 0.04	ME-VEG41a P % 0.001	ME-VEG41a Pb ppm 0.01	ME-VEG41a Pd ppm 0.001	ME-VEG41a Pt ppm 0.002	ME-VEG41a Rb ppm 0.01	ME-VEG41a Re ppm 0.001	ME-VEG41a S % 0.01	ME-VEG41a Sb ppm 0.01	ME-VEG41a Sc ppm 0.01	ME-VEG41a Se ppm 0.005	ME-VEG41a Sn ppm 0.01	ME-VEG41a Sr ppm 0.02
VINE19-DFN 37		0.017	0.062	2.69	3.37	2.10	0.005	<0.002	33.6	0.004	1.21	0.16	1.57	0.312	0.15	937
VINE19-DFN 38		0.013	0.069	5.28	4.91	1.48	0.005	<0.002	17.05	0.003	1.37	0.09	1.91	0.187	0.14	1070
VINE19-DFN 39		0.009	0.028	5.93	3.36	1.20	<0.001	<0.002	13.20	0.003	1.36	0.07	1.61	0.297	0.10	1155
VINE19-DFN 39C		0.130	0.489	63.6	3.61	85.1	0.003	0.002	256	0.003	1.54	0.41	1.65	0.929	1.02	791
VINE19-DFN 40		0.010	0.036	4.51	2.67	1.56	0.004	<0.002	11.55	0.003	1.19	0.61	1.60	0.131	0.08	1265
VINE19-DFN 41		0.011	0.033	5.36	2.64	1.13	<0.001	<0.002	10.55	0.003	0.69	0.08	1.97	0.144	0.09	1515
VINE19-DFN 42		0.010	0.036	5.07	3.23	1.46	0.004	<0.002	35.2	0.001	0.66	0.13	1.68	0.237	0.08	1020
VINE19-DFN 43		0.019	0.083	6.05	3.24	2.89	<0.001	<0.002	51.5	0.001	1.16	0.17	1.86	0.506	0.19	1005
VINE19-DFN 44		0.012	0.039	6.00	2.35	1.87	<0.001	<0.002	14.55	0.002	0.87	0.12	1.94	0.237	0.12	862
VINE19-DFN 45		0.010	0.034	8.10	3.11	1.28	0.002	<0.002	22.4	0.008	1.35	0.08	1.77	0.172	0.08	1610
VINE19-DFN 46		0.006	0.040	3.15	4.79	0.98	0.001	<0.002	34.4	0.002	1.02	0.10	1.62	0.157	0.10	1775
VINE19-DFN 47		0.007	0.059	13.80	3.45	2.07	<0.001	<0.002	53.1	0.003	1.54	0.17	2.02	0.180	0.18	1115
VINE19-DFN 48		0.014	0.033	3.94	3.14	1.69	0.006	<0.002	15.50	0.002	0.97	0.09	1.58	0.192	0.07	1090
VINE19-DFN 48C		0.131	0.476	63.5	3.70	60.6	0.005	<0.002	255	0.004	1.56	0.45	1.89	0.887	1.09	813
VINE19-DFN 49		0.105	0.035	4.75	2.37	0.87	0.002	<0.002	17.50	0.002	0.59	0.07	2.11	0.194	0.08	1305
VINE19-DFN 50		0.098	0.030	3.72	1.325	1.17	0.005	<0.002	9.19	0.003	0.41	0.07	1.95	0.107	0.09	1990
VINE19-DFN 51		0.010	0.043	13.60	4.67	1.38	0.006	<0.002	37.1	0.002	1.45	0.09	1.37	0.168	0.12	1330
VINE19-DFN 52		0.016	0.046	10.65	3.48	2.38	<0.001	<0.002	8.11	0.002	0.96	0.11	1.59	0.152	0.10	1140
VINE19-DFN 53		0.012	0.022	2.45	1.970	1.00	<0.001	<0.002	5.07	0.002	0.65	0.04	1.85	0.095	0.06	2010
VINE19-DFN 54		0.018	0.086	9.83	4.16	1.83	0.003	<0.002	23.1	0.003	1.19	0.14	1.77	0.175	0.15	583
VINE19-DFN 55		0.010	0.031	7.31	>5.0	1.20	0.005	<0.002	17.25	0.003	1.34	0.10	1.49	0.291	0.10	1555
VINE19-DFN 56		0.014	0.033	7.25	4.22	1.18	<0.001	<0.002	25.0	0.002	1.25	0.09	2.15	0.134	0.14	956
VINE19-DFN 57		0.017	0.056	5.15	2.81	1.92	<0.001	<0.002	51.5	0.001	1.00	0.13	2.21	0.453	0.17	1560
VINE19-DFN 57C		0.131	0.474	61.5	3.64	59.1	0.002	<0.002	253	0.004	1.54	0.42	1.78	0.844	1.00	802
VINE19-DFN 58		0.006	0.069	4.65	2.72	2.34	<0.001	<0.002	39.3	0.001	0.73	0.11	1.41	0.239	0.13	1705
VINE19-DFN 59		0.008	0.030	9.12	3.36	1.20	<0.001	<0.002	17.75	0.003	1.03	0.07	1.69	0.180	0.06	1030
VINE19-DFN 60		0.011	0.043	6.57	2.48	1.21	0.008	<0.002	17.95	0.001	1.10	0.09	1.56	0.200	0.07	2410
VINE19-DFN 61		0.015	0.038	12.15	3.74	1.97	0.002	<0.002	52.5	0.003	1.21	0.11	2.40	0.138	0.10	1220
VINE19-DFN 62		0.011	0.033	9.86	4.19	1.68	<0.001	<0.002	90.4	0.003	1.42	0.10	2.59	0.156	0.13	934
VINE19-DFN 63		0.025	0.067	5.10	3.66	2.41	<0.001	<0.002	22.2	0.003	1.08	0.16	1.81	0.254	0.12	1040
VINE19-DFN 64		0.019	0.034	4.29	3.43	2.13	<0.001	<0.002	15.20	0.003	1.06	0.12	1.85	0.176	0.18	926
VINE19-DFN 65		0.017	0.041	7.76	2.37	1.97	<0.001	<0.002	13.05	0.007	0.76	0.15	2.29	0.205	0.17	1185
VINE19-DFN 66		0.014	0.027	8.32	3.12	1.40	0.014	<0.002	15.00	0.004	1.14	0.06	2.37	0.169	0.09	2150
VINE19-DFN 66C		0.129	0.441	61.4	3.59	59.1	0.007	<0.002	243	0.003	1.59	0.34	2.07	0.967	1.09	784
VINE19-DFN 67		0.013	0.032	8.19	2.96	1.80	0.012	<0.002	7.70	0.002	0.91	0.09	2.85	0.175	0.13	1540
VINE19-DFN 68		0.011	0.038	5.53	4.26	2.46	0.004	<0.002	37.6	<0.001	0.79	0.13	2.29	0.214	0.11	991
VINE19-DFN 69		0.012	0.025	8.75	4.18	1.76	0.005	<0.002	24.4	0.004	1.17	0.08	2.73	0.137	0.12	1145
VINE19-DFN 70		0.020	0.015	3.69	2.91	1.52	0.009	<0.002	18.15	0.001	0.88	0.09	2.48	0.144	0.10	1065
VINE19-DFN 71		0.023	0.037	8.01	2.30	2.61	0.005	<0.002	12.65	0.005	0.57	0.16	2.54	0.404	0.19	1280
VINE19-DFN 72		0.010	0.055	10.45	3.87	1.79	0.008	<0.002	32.5	0.003	1.26	0.07	1.98	0.184	0.09	1515

***** See Appendix Page for comments regarding this certificate *****

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5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 24-FEB-2020
Account: PJXRES

CERTIFICATE OF ANALYSIS VA20015761

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Ta ppm 0.001	ME-VEG41a Te ppm 0.02	ME-VEG41a Th ppm 0.002	ME-VEG41a Ti % 0.001	ME-VEG41a Tl ppm 0.002	ME-VEG41a U ppm 0.005	ME-VEG41a V ppm 0.05	ME-VEG41a W ppm 0.01	ME-VEG41a Y ppm 0.003	ME-VEG41a Zn ppm 0.1	ME-VEG41a Zr ppm 0.02	ME-HAL01a I ppm 0.002	ME-HAL01a Br ppm 0.02	ME-HAL01a F ppm 0.05	ME-HAL01a Cl ppm 0.1
VINE19-DFN 37		<0.001	<0.02	0.112	0.004	0.218	0.032	1.93	0.13	9.95	493	0.76	0.381	25.9	3.75	899
VINE19-DFN 38		<0.001	<0.02	0.125	0.004	0.007	0.074	1.92	0.10	0.869	655	0.80	0.598	304	2.80	3290
VINE19-DFN 39		<0.001	<0.02	0.079	0.003	0.015	0.056	1.27	0.08	1.405	517	0.52	0.237	109.0	3.19	1580
VINE19-DFN 39C		0.013	0.02	0.730	0.016	0.423	0.189	13.00	0.60	1.605	1435	2.04	6.29	60.3	31.6	4490
VINE19-DFN 40		<0.001	<0.02	0.079	0.003	0.010	0.050	1.17	0.08	0.294	624	0.45	0.333	46.9	3.48	1965
VINE19-DFN 41		<0.001	<0.02	0.079	0.002	0.037	0.024	1.13	0.10	1.545	449	0.43	0.170	16.95	4.57	604
VINE19-DFN 42		<0.001	<0.02	0.107	0.003	0.030	0.021	1.50	0.12	1.395	741	0.62	0.158	31.7	4.61	702
VINE19-DFN 43		<0.001	<0.02	0.173	0.006	0.103	0.050	2.70	0.16	2.87	686	0.96	0.479	41.5	4.73	924
VINE19-DFN 44		<0.001	<0.02	0.094	0.003	0.032	0.035	1.54	0.09	3.30	286	0.56	0.214	64.7	3.44	1480
VINE19-DFN 45		<0.001	<0.02	0.084	0.002	0.032	0.025	1.19	0.09	0.912	891	0.50	0.437	74.6	3.97	1295
VINE19-DFN 46		<0.001	<0.02	0.074	0.002	0.017	0.024	1.19	0.07	0.624	674	0.46	0.324	78.9	4.84	1585
VINE19-DFN 47		<0.001	<0.02	0.115	0.003	0.037	0.027	1.85	0.12	0.672	869	0.69	0.595	60.9	5.68	1005
VINE19-DFN 48		<0.001	<0.02	0.096	0.002	0.026	0.025	1.21	0.10	1.600	930	0.47	0.279	15.35	3.15	904
VINE19-DFN 48C		0.010	<0.02	0.689	0.016	0.424	0.186	12.90	0.61	1.695	1500	2.29	6.45	62.0	26.8	4560
VINE19-DFN 49		<0.001	<0.02	0.096	0.003	0.121	0.020	1.33	0.12	1.180	496	0.48	0.288	11.80	5.64	403
VINE19-DFN 50		<0.001	<0.02	0.079	0.003	0.091	0.029	1.32	0.07	8.84	564	0.48	0.130	27.2	3.26	704
VINE19-DFN 51		<0.001	<0.02	0.103	0.003	0.029	0.028	1.36	0.11	3.03	504	0.54	0.524	60.7	5.80	2280
VINE19-DFN 52		<0.001	<0.02	0.102	0.003	0.025	0.040	1.53	0.11	2.46	735	0.59	0.193	41.1	2.32	813
VINE19-DFN 53		<0.001	<0.02	0.058	0.002	0.069	0.015	0.85	0.08	0.469	530	0.31	0.041	9.73	<0.05	301
VINE19-DFN 54		<0.001	<0.02	0.199	0.006	0.032	0.053	2.42	0.15	0.845	651	0.92	0.386	72.5	6.41	1435
VINE19-DFN 55		<0.001	<0.02	0.093	0.003	0.112	0.027	1.30	0.23	1.435	670	0.50	0.280	47.6	7.44	1285
VINE19-DFN 56		<0.001	<0.02	0.090	0.003	0.048	0.023	1.29	0.10	0.870	1145	0.51	0.322	92.1	6.80	1220
VINE19-DFN 57		<0.001	<0.02	0.148	0.004	0.377	0.035	2.05	0.12	4.51	812	0.80	0.400	46.8	5.79	806
VINE19-DFN 57C		0.013	<0.02	0.690	0.016	0.413	0.170	12.45	0.61	1.580	1455	1.98	6.46	59.5	28.6	5100
VINE19-DFN 58		<0.001	<0.02	0.115	0.004	0.214	0.030	1.76	0.12	4.47	434	0.69	0.360	18.95	7.00	809
VINE19-DFN 59		<0.001	<0.02	0.104	0.002	0.018	0.020	0.82	0.08	0.316	487	0.38	0.420	136.0	6.95	2970
VINE19-DFN 60		<0.001	<0.02	0.066	0.002	0.030	0.016	1.12	0.07	0.356	670	0.40	0.230	23.5	7.37	599
VINE19-DFN 61		<0.001	<0.02	0.086	0.003	0.019	0.026	1.33	0.10	0.361	668	0.52	0.280	63.9	5.19	864
VINE19-DFN 62		<0.001	<0.02	0.073	0.003	0.003	0.017	1.13	0.07	0.725	716	0.64	0.362	142.5	3.41	3370
VINE19-DFN 63		<0.001	<0.02	0.157	0.005	0.035	0.045	2.13	0.21	1.205	710	0.75	0.142	37.7	4.89	712
VINE19-DFN 64		<0.001	<0.02	0.112	0.004	0.012	0.061	1.74	0.10	0.631	836	0.68	0.112	34.3	3.09	1615
VINE19-DFN 65		<0.001	<0.02	0.161	0.005	0.073	0.033	2.18	0.16	2.63	741	0.89	0.070	57.7	1.37	481
VINE19-DFN 66		<0.001	<0.02	0.076	0.003	0.011	0.027	1.24	0.10	0.649	649	0.60	0.117	113.5	1.30	1090
VINE19-DFN 66C		0.014	<0.02	0.670	0.016	0.395	0.193	12.60	0.59	1.625	1430	2.09	6.22	65.0	30.6	4550
VINE19-DFN 67		<0.001	<0.02	0.100	0.004	0.020	0.030	1.71	0.08	1.360	549	0.71	0.071	87.4	0.92	997
VINE19-DFN 68		<0.001	<0.02	0.102	0.004	0.023	0.022	1.84	0.10	0.478	817	0.81	0.280	22.5	1.86	1305
VINE19-DFN 69		<0.001	<0.02	0.082	0.003	0.006	0.031	1.19	0.08	1.280	831	0.60	0.222	63.6	<0.05	1290
VINE19-DFN 70		<0.001	<0.02	0.110	0.004	0.028	0.045	1.63	0.10	2.38	606	0.68	0.081	26.4	1.12	1210
VINE19-DFN 71		<0.001	<0.02	0.169	0.006	0.148	0.056	2.73	0.13	5.56	615	1.12	0.039	46.8	1.61	401
VINE19-DFN 72		<0.001	<0.02	0.081	0.003	0.002	0.047	1.39	0.07	1.735	772	0.52	0.184	440	<0.05	918

***** See Appendix Page for comments regarding this certificate *****

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To: PJX RESOURCES
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 24-FEB-2020
Account: PJXRES

CERTIFICATE OF ANALYSIS VA20015761

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	VEG-ASH01 WT. SAMP g 0.01	VEG-ASH01 WT. ASH g 0.01	ME-VEG41a Au ppm 0.0002	ME-VEG41a Ag ppm 0.001	ME-VEG41a Al % 0.01	ME-VEG41a As ppm 0.01	ME-VEG41a B ppm 1	ME-VEG41a Ba ppm 0.1	ME-VEG41a Be ppm 0.01	ME-VEG41a Bi ppm 0.001	ME-VEG41a Ca % 0.01	ME-VEG41a Cd ppm 0.001	ME-VEG41a Ce ppm 0.003	ME-VEG41a Co ppm 0.002
VINE19-DFN 73		0.04	31.7	1.46	0.0006	0.361	0.18	139.0	656	1075	0.04	0.024	17.55	0.207	1.410	1.480
VINE19-DFN 74		0.04	33.8	1.71	0.0003	0.523	0.15	95.8	687	1915	0.03	0.016	18.10	1.220	1.075	1.345
VINE19-DFN 75		0.04	29.8	1.39	0.0005	0.693	0.11	2.66	750	1625	0.02	0.012	18.35	1.515	1.065	1.505
VINE19-DFN 75C		<0.02			0.0038	0.130	1.06	6.43	464	927	0.32	0.147	19.30	2.41	6.37	3.05
VINE19-DFN 76		0.06	36.9	1.34	0.0006	0.230	0.18	63.0	651	857	0.05	0.018	17.70	0.878	1.280	1.870
VINE19-DFN 77		0.04	31.7	1.59	0.0002	0.316	0.17	54.6	374	785	0.03	0.011	19.75	1.045	1.265	1.415
VINE19-DFN 78		0.04	28.7	1.23	0.0010	0.183	0.15	1.80	994	695	0.04	0.028	21.6	0.509	1.375	1.745
VINE19-DFN 79		0.04	36.9	1.56	0.0008	0.163	0.15	23.9	859	814	0.02	0.019	18.70	0.860	1.065	0.944
VINE19-DFN 80		0.04	32.6	1.19	0.0005	0.377	0.27	34.5	637	750	0.04	0.022	15.60	1.315	1.370	2.49
VINE19-DFN 81		0.04	33.1	1.11	0.0008	0.328	0.21	78.9	583	1150	0.06	0.018	16.10	0.331	1.185	2.25
VINE19-DFN 82		0.04	32.4	1.45	0.0010	0.585	0.19	129.0	619	646	0.07	0.015	20.0	1.845	2.80	3.82
VINE19-DFN 83		0.04	30.1	1.17	0.0014	0.082	0.17	236	736	444	0.02	0.017	13.55	0.607	0.875	2.56
VINE19-DFN 84		0.04	28.7	1.35	0.0006	0.260	0.17	21.6	503	680	0.06	0.019	20.7	1.030	2.17	2.87
VINE19-DFN 84C		<0.02			0.0041	0.142	1.04	5.79	455	913	0.30	0.147	18.90	2.46	6.56	2.96
VINE19-DFN 85		0.04	29.4	1.38	0.0009	0.208	0.24	19.20	649	806	0.06	0.021	19.55	0.702	2.08	1.235
VINE19-DFN 86		0.04	33.6	1.40	0.0006	0.332	0.16	6.48	874	509	0.04	0.017	18.55	0.702	1.105	2.20
VINE19-DFN 87		0.04	34.4	1.44	0.0004	0.266	0.24	86.9	432	682	0.05	0.029	15.40	0.598	1.790	2.13
VINE19-DFN 88		0.04	36.2	1.51	0.0007	0.251	0.32	13.05	584	456	0.08	0.027	17.50	1.105	1.910	3.65
VINE19-DFN 89		0.06	40.4	1.28	0.0004	0.419	0.18	4.54	729	447	0.07	0.023	11.75	0.594	2.54	5.42
VINE19-DFN 90		0.04	33.4	1.69	0.0005	0.126	0.32	105.0	362	614	0.02	0.021	19.55	1.490	1.135	2.29

***** See Appendix Page for comments regarding this certificate *****

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TORONTO ON M5X 1C9

Finalized Date: 24-FEB-2020
Account: PJXRES

CERTIFICATE OF ANALYSIS VA20015761

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Cr ppm 0.01	ME-VEG41a Cs ppm 0.005	ME-VEG41a Cu ppm 0.01	ME-VEG41a Fe ppm 1	ME-VEG41a Ga ppm 0.004	ME-VEG41a Ge ppm 0.005	ME-VEG41a Hf ppm 0.002	ME-VEG41a Hg ppm 0.001	ME-VEG41a In ppm 0.005	ME-VEG41a K % 0.01	ME-VEG41a La ppm 0.002	ME-VEG41a Li ppm 0.1	ME-VEG41a Mg % 0.001	ME-VEG41a Mn ppm 0.1	ME-VEG41a Mo ppm 0.01
VINE19-DFN 73		1.73	0.309	28.8	1100	0.221	0.008	0.020	<0.001	0.007	>10.0	1.110	4.4	2.96	7070	0.66
VINE19-DFN 74		1.23	0.230	44.2	958	0.210	0.006	0.015	0.003	<0.005	>10.0	0.925	0.8	1.790	13600	0.85
VINE19-DFN 75		1.33	0.383	37.1	927	0.182	0.008	0.016	0.003	0.006	>10.0	3.67	0.6	1.980	11850	0.63
VINE19-DFN 75C		11.55	3.96	102.0	4700	1.125	0.019	0.057	0.025	0.013	>10.0	3.06	4.7	2.36	32300	0.97
VINE19-DFN 76		2.12	0.166	37.4	1100	0.239	<0.005	0.022	0.004	0.009	>10.0	1.060	1.5	1.550	21500	0.88
VINE19-DFN 77		1.26	0.184	33.3	825	0.162	<0.005	0.011	0.026	<0.005	>10.0	1.035	1.8	2.45	16350	0.74
VINE19-DFN 78		2.52	0.180	32.1	1400	0.322	<0.005	0.029	0.002	0.007	>10.0	1.295	1.7	2.27	20900	2.90
VINE19-DFN 79		1.62	0.193	41.1	1100	0.253	0.005	0.021	0.003	0.007	>10.0	0.998	1.6	2.74	18100	1.00
VINE19-DFN 80		1.35	0.116	57.1	1000	0.191	<0.005	0.018	<0.001	<0.005	>10.0	0.766	0.6	2.47	13250	1.77
VINE19-DFN 81		1.36	0.188	51.4	1100	0.223	0.006	0.018	<0.001	<0.005	>10.0	1.065	0.7	1.880	9440	0.44
VINE19-DFN 82		1.68	0.150	32.1	916	0.171	0.007	0.017	<0.001	0.007	>10.0	2.40	0.5	1.960	17700	0.33
VINE19-DFN 83		1.50	0.191	57.9	856	0.140	0.006	0.014	0.001	<0.005	>10.0	0.956	4.1	3.29	9730	1.06
VINE19-DFN 84		2.13	0.193	28.7	1400	0.287	0.007	0.025	0.004	<0.005	>10.0	1.835	1.8	1.950	17200	0.62
VINE19-DFN 84C		11.45	3.97	98.9	4600	0.969	0.014	0.055	0.038	0.022	>10.0	3.14	4.1	2.32	31500	0.99
VINE19-DFN 85		2.15	0.408	38.2	1300	0.261	0.006	0.023	0.001	<0.005	>10.0	3.53	1.5	3.40	17350	0.91
VINE19-DFN 86		1.59	0.255	39.7	1300	0.245	<0.005	0.015	<0.001	<0.005	>10.0	0.753	1.5	2.66	15750	0.43
VINE19-DFN 87		2.20	0.428	51.1	1400	0.273	0.007	0.030	<0.001	<0.005	>10.0	1.625	1.5	3.45	18200	0.64
VINE19-DFN 88		2.09	2.11	44.9	1500	0.285	0.008	0.026	<0.001	<0.005	>10.0	1.145	1.2	2.81	9150	0.74
VINE19-DFN 89		2.60	0.130	47.7	1600	0.313	0.005	0.032	0.001	<0.005	>10.0	1.895	3.9	3.77	20200	0.53
VINE19-DFN 90		1.73	0.184	35.6	1200	0.251	0.007	0.026	<0.001	<0.005	>10.0	0.716	2.8	3.36	15700	0.73

***** See Appendix Page for comments regarding this certificate *****

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To: PJX RESOURCES
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 24-FEB-2020
Account: PJXRES

CERTIFICATE OF ANALYSIS VA20015761

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Na % 0.001	ME-VEG41a Nb ppm 0.002	ME-VEG41a Ni ppm 0.04	ME-VEG41a P % 0.001	ME-VEG41a Pb ppm 0.01	ME-VEG41a Pd ppm 0.001	ME-VEG41a Pt ppm 0.002	ME-VEG41a Rb ppm 0.01	ME-VEG41a Re ppm 0.001	ME-VEG41a S % 0.01	ME-VEG41a Sb ppm 0.01	ME-VEG41a Sc ppm 0.01	ME-VEG41a Se ppm 0.005	ME-VEG41a Sn ppm 0.01	ME-VEG41a Sr ppm 0.02
VINE19-DFN 73		0.012	0.046	5.19	4.41	2.21	0.005	<0.002	17.60	0.003	1.12	0.10	2.12	0.270	0.11	1180
VINE19-DFN 74		0.011	0.048	4.94	4.46	1.82	0.006	<0.002	32.9	0.002	0.80	0.09	2.03	0.267	0.08	1165
VINE19-DFN 75		0.011	0.031	5.62	4.29	1.76	0.010	<0.002	30.1	0.001	0.79	0.09	2.29	0.160	0.11	1645
VINE19-DFN 75C		0.133	0.418	62.5	3.69	57.4	0.011	<0.002	248	0.002	1.64	0.37	2.08	1.090	1.20	809
VINE19-DFN 76		0.017	0.043	7.42	2.97	1.88	0.004	<0.002	46.1	0.004	1.17	0.14	2.72	0.136	0.14	759
VINE19-DFN 77		0.014	0.011	8.44	3.00	1.47	0.007	<0.002	39.9	0.001	0.81	0.07	2.50	0.128	0.11	1375
VINE19-DFN 78		0.025	0.051	4.28	3.48	2.58	0.013	<0.002	19.95	0.004	0.87	0.14	1.96	0.161	0.14	1515
VINE19-DFN 79		0.016	0.038	5.20	4.14	2.35	0.005	<0.002	17.70	0.001	0.81	0.07	2.35	0.132	0.10	886
VINE19-DFN 80		0.008	0.052	11.80	>5.0	1.48	0.003	<0.002	40.2	0.001	1.17	0.09	2.04	0.205	0.11	448
VINE19-DFN 81		0.013	0.040	2.37	3.93	2.22	0.002	<0.002	34.3	0.002	1.09	0.11	1.99	0.342	0.05	696
VINE19-DFN 82		0.008	0.019	11.95	3.46	1.80	0.014	<0.002	29.3	0.006	1.11	0.09	2.08	0.231	0.07	1755
VINE19-DFN 83		0.006	0.018	11.45	4.40	1.79	0.004	<0.002	27.7	0.002	1.62	0.11	2.03	0.157	0.15	883
VINE19-DFN 84		0.018	0.039	5.98	2.41	2.12	0.010	<0.002	24.6	0.005	0.97	0.10	2.05	0.220	0.11	1410
VINE19-DFN 84C		0.132	0.440	60.7	3.64	56.0	0.010	<0.002	240	0.003	1.64	0.35	1.89	0.918	0.96	792
VINE19-DFN 85		0.023	0.040	10.55	4.06	2.49	0.008	<0.002	37.3	<0.001	1.22	0.14	2.39	0.125	0.11	934
VINE19-DFN 86		0.016	0.038	6.43	4.08	1.74	0.006	<0.002	18.20	0.005	1.13	0.12	2.18	0.166	0.15	1115
VINE19-DFN 87		0.020	0.034	15.50	3.58	2.68	0.006	<0.002	48.3	0.003	1.02	0.13	2.39	0.220	0.10	1125
VINE19-DFN 88		0.016	0.042	12.00	3.17	2.45	0.005	<0.002	25.7	0.003	1.37	0.12	2.39	0.156	0.14	833
VINE19-DFN 89		0.019	0.042	12.50	3.96	2.44	0.008	<0.002	21.7	0.004	1.42	0.14	1.82	0.175	0.12	1145
VINE19-DFN 90		0.013	0.032	8.48	3.11	1.77	0.002	<0.002	19.15	0.004	1.19	0.13	2.44	0.174	0.11	801

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To: PJX RESOURCES
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 24-FEB-2020
Account: PJXRES

CERTIFICATE OF ANALYSIS VA20015761

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Ta ppm 0.001	ME-VEG41a Te ppm 0.02	ME-VEG41a Th ppm 0.002	ME-VEG41a Ti % 0.001	ME-VEG41a Tl ppm 0.002	ME-VEG41a U ppm 0.005	ME-VEG41a V ppm 0.05	ME-VEG41a W ppm 0.01	ME-VEG41a Y ppm 0.003	ME-VEG41a Zn ppm 0.1	ME-VEG41a Zr ppm 0.02	ME-HAL01a I ppm 0.002	ME-HAL01a Br ppm 0.02	ME-HAL01a F ppm 0.05	ME-HAL01a Cl ppm 0.1
VINE19-DFN 73		<0.001	<0.02	0.121	0.004	0.033	0.032	2.02	0.09	1.370	602	0.73	0.262	166.5	<0.05	506
VINE19-DFN 74		<0.001	<0.02	0.107	0.003	0.018	0.026	1.38	0.08	1.065	668	0.59	0.421	108.0	<0.05	1535
VINE19-DFN 75		<0.001	<0.02	0.077	0.003	0.010	0.035	1.43	0.08	1.625	864	0.56	0.238	53.7	11.55	2870
VINE19-DFN 75C		0.011	<0.02	0.667	0.016	0.391	0.203	12.60	0.57	1.660	1470	2.18	6.13	64.6	30.0	5930
VINE19-DFN 76		<0.001	<0.02	0.115	0.004	0.010	0.030	1.79	0.12	1.195	680	0.78	0.384	145.5	<0.05	1745
VINE19-DFN 77		<0.001	<0.02	0.071	0.002	0.053	0.031	1.18	0.08	1.120	840	0.54	0.138	28.3	<0.05	1120
VINE19-DFN 78		<0.001	<0.02	0.145	0.006	0.034	0.097	2.65	0.10	0.937	662	0.96	0.228	58.4	<0.05	1225
VINE19-DFN 79		<0.001	<0.02	0.114	0.004	0.029	0.027	1.91	0.10	0.754	903	0.75	0.197	86.9	<0.05	1120
VINE19-DFN 80		<0.001	<0.02	0.091	0.003	0.013	0.023	1.25	0.08	1.575	694	0.60	0.218	137.5	<0.05	1015
VINE19-DFN 81		<0.001	<0.02	0.093	0.003	0.021	0.045	1.61	0.12	1.150	502	0.75	0.336	51.9	<0.05	1440
VINE19-DFN 82		<0.001	<0.02	0.078	0.003	0.030	0.111	1.29	0.13	3.45	484	0.62	0.225	84.4	<0.05	1535
VINE19-DFN 83		<0.001	<0.02	0.066	0.002	0.017	0.021	1.04	0.09	0.747	751	0.55	0.264	223	<0.05	1425
VINE19-DFN 84		<0.001	<0.02	0.132	0.005	0.036	0.035	1.99	0.13	1.685	698	0.85	0.137	61.0	<0.05	611
VINE19-DFN 84C		0.013	<0.02	0.645	0.016	0.365	0.207	11.95	0.60	1.575	1450	2.06	6.42	60.6	28.3	6130
VINE19-DFN 85		<0.001	<0.02	0.131	0.005	0.051	0.036	2.02	0.13	4.19	616	0.81	0.169	42.4	<0.05	1230
VINE19-DFN 86		<0.001	<0.02	0.118	0.004	0.039	0.046	1.86	0.10	0.729	728	0.79	0.212	25.3	<0.05	1125
VINE19-DFN 87		<0.001	<0.02	0.130	0.004	0.050	0.035	2.06	0.10	1.800	489	0.92	0.269	49.4	<0.05	1950
VINE19-DFN 88		<0.001	<0.02	0.164	0.005	0.052	0.055	2.38	0.14	0.968	609	1.07	0.234	32.8	<0.05	816
VINE19-DFN 89		<0.001	<0.02	0.170	0.005	0.030	0.063	2.31	0.20	2.32	806	0.94	0.335	75.7	<0.05	2570
VINE19-DFN 90		<0.001	<0.02	0.127	0.004	0.037	0.078	1.78	0.61	0.686	424	0.78	0.163	60.7	<0.05	612

***** See Appendix Page for comments regarding this certificate *****

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To: PJX RESOURCES
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 24-FEB-2020
Account: PJXRES

CERTIFICATE OF ANALYSIS VA20015761

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

The concentration of the reported result is based on the ashed sample. Weight of the sample and weight of the ash has not been factored in the reported concentration

Applies to Method: ME-VEG41a

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method: LOG-22 ME-HAL01a ME-VEG41a VEG-ASH01 WEI-21

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 25-MAY-2020
Account: PJXRES

CERTIFICATE VA20084609

Project: VINE-Work Order VA20015761

This report is for 100 Vegetation samples submitted to our lab in Vancouver, BC, Canada on 16-APR-2020.

The following have access to data associated with this certificate:

C. DUNN JOHN KEATING	COLIN DUNN	C. DUNN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
VEG-ASH01	Controlled Ignition - Veg Samp. @ 475C
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-HAL01a	Super Trace Halogens on Vegetation

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: **Samples originally analyzed for ME-HAL01a under certificate VA20015761**

Signature:

Saa Traxler, General Manager, North Vancouver

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 25-MAY-2020
Account: PJXRES

Project: VINE-Work Order VA20015761

CERTIFICATE OF ANALYSIS VA20084609

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	VEG-ASH01 WT. SAMP g 0.01	VEG-ASH01 WT. ASH g 0.01	ME-HAL01a I ppm 0.002	ME-HAL01a Br ppm 0.02	ME-HAL01a F ppm 0.05	ME-HAL01a Cl ppm 0.1
VINE19R-DFN 001		0.02	18.90	0.82	0.163	40.4	3.17	1695
VINE19R-DFN 002		0.06	45.0	2.16	0.214	29.7	10.15	1285
VINE19R-DFN 003		0.04	31.9	1.03	0.222	59.7	18.40	1590
VINE19R-DFN 003C		0.02			6.23	63.7	48.6	7600
VINE19R-DFN 004		0.04	34.4	1.10	0.502	85.7	10.20	2040
VINE19R-DFN 005		0.04	28.7	1.07	0.333	48.8	14.00	1215
VINE19R-DFN 006		0.02	23.5	1.01	0.098	22.2	1.96	797
VINE19R-DFN 007		0.04	39.0	2.14	0.170	37.5	1.91	992
VINE19R-DFN 008		0.02	28.3	0.92	0.153	37.9	8.08	1015
VINE19R-DFN 009		0.04	32.0	1.55	0.128	20.2	13.40	1015
VINE19R-DFN 010		0.04	36.4	1.27	0.384	38.8	6.13	1900
VINE19R-DFN 011		0.04	27.3	0.98	0.292	41.5	8.35	1970
VINE19R-DFN 012		0.04	35.9	1.40	0.311	37.1	6.43	1885
VINE19R-DFN 012C		0.02			5.90	63.0	42.2	7700
VINE19R-DFN 013		0.04	32.8	1.19	0.366	35.0	1.76	1090
VINE19R-DFN 014		0.04	32.7	1.23	0.416	188.0	4.16	1550
VINE19R-DFN 015		0.06	40.3	2.00	0.238	39.4	3.77	1780
VINE19R-DFN 016		0.04	36.4	1.30	0.298	38.8	6.08	2060
VINE19R-DFN 017		0.04	32.2	1.40	0.370	26.2	4.53	2960
VINE19R-DFN 018		0.02	29.1	1.16	0.381	54.4	5.40	2060
VINE19R-DFN 019		0.04	36.2	1.68	0.145	27.0	2.00	791
VINE19R-DFN 020		0.04	37.0	1.59	0.237	37.6	6.02	597
VINE19R-DFN 021		0.02	39.8	1.61	0.370	38.4	4.40	1460
VINE19R-DFN 021C		0.02			6.26	55.3	57.8	6900
VINE19R-DFN 022		0.04	34.4	1.46	0.246	191.5	5.04	2120
VINE19R-DFN 023		0.04	30.2	1.62	0.082	23.8	2.33	500
VINE19R-DFN 024		0.04	36.3	1.69	0.196	56.7	1.91	1660
VINE19R-DFN 025		0.02	35.1	1.45	0.199	39.5	1.88	793
VINE19R-DFN 026		0.04	34.4	1.34	0.332	38.7	5.04	2510
VINE19R-DFN 027		0.04	35.7	1.46	0.282	36.5	1.87	1900
VINE19R-DFN 028		0.02	21.2	0.81	0.213	33.3	5.10	1945
VINE19R-DFN 029		0.06	39.7	2.43	0.134	8.42	2.13	595
VINE19R-DFN 030		0.04	36.4	1.44	0.367	194.0	5.07	1660
VINE19R-DFN 030C		0.02			6.09	57.1	58.2	7200
VINE19R-DFN 031		0.04	33.8	1.36	0.246	17.75	1.93	496
VINE19R-DFN 032		0.04	34.1	1.39	0.297	62.8	<0.05	890
VINE19R-DFN 033		0.04	32.1	1.46	0.194	18.30	2.57	1470
VINE19R-DFN 034		0.04	35.7	1.37	0.272	25.8	2.32	790
VINE19R-DFN 035		0.04	38.8	1.71	0.169	12.60	2.39	701
VINE19R-DFN 036		0.04	35.0	1.65	0.151	32.1	2.39	795

Comments: **Samples originally analyzed for ME-HAL01a under certificate VA20015761**

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 25-MAY-2020
Account: PJXRES

Project: VINE-Work Order VA20015761

CERTIFICATE OF ANALYSIS VA20084609

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	VEG-ASH01 WT. SAMP g 0.01	VEG-ASH01 WT. ASH g 0.01	ME-HAL01a I ppm 0.002	ME-HAL01a Br ppm 0.02	ME-HAL01a F ppm 0.05	ME-HAL01a Cl ppm 0.1
VINE19R-DFN 037		0.04	35.5	1.29	0.463	38.2	2.39	1460
VINE19R-DFN 038		0.04	41.4	2.02	0.583	196.0	2.07	4200
VINE19R-DFN 039		0.04	40.5	2.30	0.126	80.0	2.58	1380
VINE19R-DFN 039C		0.02			5.62	60.5	40.5	8300
VINE19R-DFN 040		0.04	41.3	2.07	0.324	47.0	2.43	2100
VINE19R-DFN 041		0.04	40.8	2.33	0.123	17.75	2.26	796
VINE19R-DFN 042		0.04	40.8	1.73	0.298	37.4	2.32	703
VINE19R-DFN 043		0.04	37.5	1.44	0.631	43.3	2.09	1080
VINE19R-DFN 044		0.04	42.7	2.33	0.287	50.2	2.49	1200
VINE19R-DFN 045		0.04	43.5	1.88	0.366	81.7	2.10	1670
VINE19R-DFN 046		0.04	38.8	1.16	0.433	60.8	<0.05	1175
VINE19R-DFN 047		0.04	35.2	1.51	0.252	58.3	2.40	1200
VINE19R-DFN 048		0.04	34.7	1.50	0.197	11.65	2.41	601
VINE19R-DFN 048C		0.02			5.39	60.5	43.4	7600
VINE19R-DFN 049		0.04	37.2	1.78	0.166	15.20	2.32	503
VINE19R-DFN 050		0.04	27.5	1.85	0.187	27.5	2.24	894
VINE19R-DFN 051		0.04	23.4	0.90	0.398	65.8	2.23	3600
VINE19R-DFN 052		0.04	33.0	1.40	0.268	44.9	2.21	1175
VINE19R-DFN 053		0.04	29.8	2.67	0.044	8.43	2.27	302
VINE19R-DFN 054		0.04	31.4	1.53	0.407	41.2	<0.05	1400
VINE19R-DFN 055		0.04	24.8	1.20	0.287	42.4	<0.05	1460
VINE19R-DFN 056		0.04	36.2	1.47	0.276	95.0	2.43	1185
VINE19R-DFN 057		0.04	39.3	2.16	<0.002	0.11	2.47	478
VINE19R-DFN 057C		0.02			6.84	62.4	60.1	8600
VINE19R-DFN 058		0.04	39.9	2.04	0.381	20.2	<0.05	988
VINE19R-DFN 059		0.04	20.8	1.00	0.335	93.6	<0.05	2700
VINE19R-DFN 060		0.04	38.9	1.93	0.254	26.3	<0.05	595
VINE19R-DFN 061		0.04	29.0	1.04	0.389	60.0	<0.05	1500
VINE19R-DFN 062		0.04	26.6	0.97	0.280	110.0	3.05	3900
VINE19R-DFN 063		0.04	50.9	1.76	0.198	37.3	2.28	901
VINE19R-DFN 064		0.04	23.4	1.21	0.085	28.7	<0.05	1180
VINE19R-DFN 065		0.04	42.4	1.65	0.115	59.5	<0.05	1600
VINE19R-DFN 066		0.04	52.8	2.80	0.131	90.7	2.02	700
VINE19R-DFN 066C		0.02			6.80	63.5	58.2	8400
VINE19R-DFN 067		0.04	23.3	1.85	0.023	31.2	2.09	403
VINE19R-DFN 068		0.04	36.3	1.37	0.286	16.05	1.88	1270
VINE19R-DFN 069		0.04	28.2	1.18	0.187	65.4	2.21	1740
VINE19R-DFN 070		0.04	31.2	1.85	0.050	25.2	2.63	1100
VINE19R-DFN 071		0.06	52.0	2.74	0.083	48.9	2.31	303
VINE19R-DFN 072		0.06	53.4	2.52	0.273	317	<0.05	887

Comments: **Samples originally analyzed for ME-HAL01a under certificate VA20015761**

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 25-MAY-2020
Account: PJXRES

Project: VINE-Work Order VA20015761

CERTIFICATE OF ANALYSIS VA20084609

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	VEG-ASH01 WT. SAMP g 0.01	VEG-ASH01 WT. ASH g 0.01	ME-HAL01a I ppm 0.002	ME-HAL01a Br ppm 0.02	ME-HAL01a F ppm 0.05	ME-HAL01a Cl ppm 0.1
VINE19R-DFN 073		0.06	49.3	2.47	<0.002	0.12	2.03	497
VINE19R-DFN 074		0.04	29.8	1.62	0.224	109.0	<0.05	2000
VINE19R-DFN 075		0.04	29.6	1.44	0.113	39.6	2.10	2100
VINE19R-DFN 075C		0.02			6.06	59.8	44.6	8700
VINE19R-DFN 076		0.06	52.9	2.33	0.400	67.6	2.05	1080
VINE19R-DFN 077		0.06	39.0	1.85	0.234	27.1	2.18	1185
VINE19R-DFN 078		0.06	42.9	1.90	0.293	56.5	1.95	1180
VINE19R-DFN 079		0.06	44.3	1.79	0.249	139.5	2.00	1655
VINE19R-DFN 080		0.06	44.6	1.69	0.284	110.5	<0.05	890
VINE19R-DFN 081		0.04	32.5	1.23	0.384	34.4	<0.05	1175
VINE19R-DFN 082		0.06	41.5	2.21	0.155	56.8	2.35	1085
VINE19R-DFN 083		0.06	43.1	1.84	0.313	188.0	2.20	1180
VINE19R-DFN 084		0.06	44.0	2.26	0.258	47.6	2.45	697
VINE19R-DFN 084C		0.02			6.17	60.2	71.0	8400
VINE19R-DFN 085		0.04	30.7	1.41	0.203	38.7	2.33	1370
VINE19R-DFN 086		0.06	51.4	2.44	0.232	23.5	2.25	996
VINE19R-DFN 087		0.04	29.4	1.29	0.175	39.4	2.51	1665
VINE19R-DFN 088		0.06	55.3	2.73	0.199	23.3	2.08	603
VINE19R-DFN 089		0.06	57.4	1.98	0.418	77.2	2.18	2100
VINE19R-DFN 090		0.04	30.8	1.54	0.236	71.9	<0.05	695

Comments: **Samples originally analyzed for ME-HAL01a under certificate VA20015761**

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 25-MAY-2020
Account: PJXRES

Project: VINE-Work Order VA20015761

CERTIFICATE OF ANALYSIS VA20084609

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
LOG-22	LOG-24	ME-HAL01a	VEG-ASH01
WEI-21			

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 22-MAY-2020
Account: PJXRES

CERTIFICATE VA20089273

Project: Vine West

This report is for 227 Vegetation samples submitted to our lab in Vancouver, BC, Canada on 24-APR-2020.

The following have access to data associated with this certificate:

LINDA BRENNAN	C. DUNN	JOHN KEATING

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
VEG-ASH01	Controlled Ignition - Veg Samp. @ 475C

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-VEG41a	Super Trace - Ashed Vegetation Samples

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, General Manager, North Vancouver

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 22-MAY-2020
Account: PJXRES

Project: Vine West

CERTIFICATE OF ANALYSIS VA20089273

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	VEG-ASH01 WT. SAMP g 0.01	VEG-ASH01 WT. ASH g 0.01	ME-VEG41a Au ppm 0.0002	ME-VEG41a Ag ppm 0.001	ME-VEG41a Al % 0.01	ME-VEG41a As ppm 0.01	ME-VEG41a B ppm 1	ME-VEG41a Ba ppm 0.1	ME-VEG41a Be ppm 0.01	ME-VEG41a Bi ppm 0.001	ME-VEG41a Ca % 0.01	ME-VEG41a Cd ppm 0.001	ME-VEG41a Ce ppm 0.003	ME-VEG41a Co ppm 0.002
VINE20W_DFN-001		0.06	29.1	1.00	0.0006	0.202	0.18	40.6	694	775	0.03	0.041	18.20	2.01	1.005	1.670
VINE20W_DFN-001C		<0.02			0.0037	0.134	0.94	6.59	431	856	0.33	0.144	17.90	2.38	5.83	3.21
VINE20W_DFN-002		0.06	26.7	1.32	0.0007	0.264	0.17	3.93	753	1920	0.04	0.015	20.4	1.130	0.979	2.12
VINE20W_DFN-003		0.06	26.4	1.01	0.0018	0.198	0.31	2.06	365	949	0.03	0.020	18.65	0.628	1.025	2.45
VINE20W_DFN-004		0.06	30.6	1.20	0.0002	0.115	0.19	1.45	613	953	0.04	0.011	18.70	1.200	0.807	1.700
VINE20W_DFN-005		0.04	25.2	0.86	0.0004	0.473	0.23	15.65	515	983	0.07	0.035	21.5	0.847	1.550	3.16
VINE20W_DFN-006		0.08	28.0	0.94	<0.0002	0.426	0.28	31.1	296	1690	0.02	0.025	19.50	3.03	2.21	2.58
VINE20W_DFN-007		0.06	29.9	1.12	0.0004	0.232	0.25	2.82	646	1660	0.05	0.018	21.0	1.740	0.817	1.380
VINE20W_DFN-008		0.06	29.6	0.98	0.0003	0.220	0.20	2.18	411	925	0.03	0.026	20.3	1.675	1.640	2.14
VINE20W_DFN-009		0.04	22.8	0.78	0.0014	1.070	0.56	246	467	1035	0.21	0.032	22.2	0.712	6.00	4.53
VINE20W_DFN-010		0.04	27.5	1.30	0.0004	0.230	0.15	0.56	362	1980	0.05	0.017	20.3	0.940	0.899	2.11
VINE20W_DFN-011		0.04	26.5	1.01	<0.0002	0.060	0.16	569	544	581	0.02	0.015	16.80	0.701	0.653	2.78
VINE20W_DFN-012		0.04	27.0	1.09	0.0005	0.138	0.17	5.68	746	1090	0.03	0.017	19.25	0.591	0.974	0.900
VINE20W_DFN-013		0.04	28.1	1.04	0.0007	0.331	0.26	51.3	573	707	0.03	0.022	20.0	2.44	1.180	2.61
VINE20W_DFN-014		0.04	28.3	1.15	<0.0002	0.091	0.31	11.85	554	1440	0.05	0.025	19.85	2.91	2.30	3.17
VINE20W_DFN-015		0.08	28.3	0.92	0.0003	0.611	0.23	89.9	305	727	0.05	0.019	21.1	1.380	2.97	3.86
VINE20W_DFN-016		0.06	27.6	0.95	0.0003	0.456	0.32	11.30	352	1490	0.09	0.027	24.7	0.501	4.39	5.89
VINE20W_DFN-017		0.06	29.6	1.08	0.0002	0.633	0.17	149.0	370	913	0.04	0.015	17.65	1.060	2.26	3.98
VINE20W_DFN-018		0.04	27.1	1.25	<0.0002	0.604	0.16	96.1	414	1885	0.07	0.030	23.3	0.645	2.22	4.18
VINE20W_DFN-019		0.06	29.5	0.98	0.0007	0.233	0.20	137.5	567	656	0.03	0.024	15.35	1.145	1.015	1.785
VINE20W_DFN-020A		0.06	28.3	1.05	0.0004	0.237	0.13	2.44	589	1410	0.04	0.025	21.9	0.719	1.145	1.380
VINE20W_DFN-020B		0.04	28.6	1.04	<0.0002	0.478	0.11	3.94	648	972	0.01	0.022	17.55	0.980	0.666	1.635
VINE20W_DFN-020C		<0.02			0.0039	0.145	0.93	6.16	427	841	0.29	0.157	17.75	2.52	6.96	2.79
VINE20W_DFN-021		0.06	28.5	1.19	<0.0002	0.201	0.12	12.60	495	880	0.03	0.029	21.8	0.870	2.15	3.35
VINE20W_DFN-022		0.08	29.3	0.89	0.0005	0.139	0.17	3.48	513	1945	0.04	0.019	16.20	0.484	2.33	4.34
VINE20W_DFN-023		0.04	29.5	0.98	0.0002	0.234	0.23	392	347	541	0.04	0.024	13.95	1.140	1.485	1.320
VINE20W_DFN-024		0.04	26.7	1.26	0.0294	0.884	0.21	20.7	355	853	0.05	0.017	20.6	2.90	2.84	3.38
VINE20W_DFN-025		0.04	28.0	1.10	0.0008	0.205	0.22	197.0	455	752	0.04	0.030	15.40	0.926	1.860	3.23
VINE20W_DFN-026		0.04	29.2	1.14	<0.0002	0.076	0.31	10.35	530	990	0.06	0.030	19.50	1.050	2.07	1.795
VINE20W_DFN-027		0.04	28.6	1.06	0.0002	0.173	0.17	13.00	559	1535	0.03	0.023	17.15	0.905	1.815	1.905
VINE20W_DFN-028		0.04	28.9	1.21	0.0007	0.138	0.19	109.0	674	588	0.04	0.029	20.8	1.205	1.330	1.720
VINE20W_DFN-029		0.06	28.3	1.12	<0.0002	0.701	0.19	36.9	334	1350	0.06	0.017	17.30	0.458	1.760	2.40
VINE20W_DFN-030		0.08	30.1	1.52	<0.0002	0.771	0.16	59.1	397	592	0.06	0.019	23.2	1.615	1.715	3.71
VINE20W_DFN-031		0.04	29.1	0.97	0.0002	0.465	0.27	3.43	722	2500	0.06	0.020	18.35	1.185	1.210	1.515
VINE20W_DFN-032		0.04	28.1	1.79	0.0003	0.433	0.10	3.16	411	1715	0.02	0.013	21.2	0.746	0.559	1.375
VINE20W_DFN-033		0.06	27.7	1.51	<0.0002	0.396	0.12	4.94	399	1665	0.05	0.016	22.4	0.796	1.860	1.670
VINE20W_DFN-034		0.06	30.1	0.93	0.0004	0.136	0.25	77.6	327	1170	0.03	0.024	17.10	0.956	1.670	2.63
VINE20W_DFN-035		0.06	27.6	0.73	0.0007	0.454	0.22	26.4	806	1355	0.04	0.017	12.75	0.913	1.245	1.470
VINE20W_DFN-036		0.06	29.8	0.88	0.0003	0.142	0.09	1.61	707	889	0.01	0.016	18.55	0.673	0.666	1.495
VINE20W_DFN-037		0.06	29.0	1.31	0.0002	0.042	0.17	131.5	361	523	0.05	0.019	22.8	1.190	2.40	5.37

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 22-MAY-2020
Account: PJXRES

Project: Vine West

CERTIFICATE OF ANALYSIS VA20089273

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Cr ppm 0.01	ME-VEG41a Cs ppm 0.005	ME-VEG41a Cu ppm 0.01	ME-VEG41a Fe ppm 1	ME-VEG41a Ga ppm 0.004	ME-VEG41a Ge ppm 0.005	ME-VEG41a Hf ppm 0.002	ME-VEG41a Hg ppm 0.001	ME-VEG41a In ppm 0.005	ME-VEG41a K % 0.01	ME-VEG41a La ppm 0.002	ME-VEG41a Li ppm 0.1	ME-VEG41a Mg % 0.001	ME-VEG41a Mn ppm 0.1	ME-VEG41a Mo ppm 0.01
VINE20W_DFN-001		8.55	0.172	72.4	1200	0.292	0.006	0.021	0.001	<0.005	>10.0	1.355	0.7	3.31	16200	0.90
VINE20W_DFN-001C		12.30	3.79	98.8	4300	1.000	0.017	0.056	0.030	0.014	>10.0	2.95	4.6	2.25	30700	0.89
VINE20W_DFN-002		2.43	0.119	27.6	1000	0.246	0.006	0.016	<0.001	<0.005	7.40	0.773	1.4	1.930	14150	0.43
VINE20W_DFN-003		2.31	0.217	43.6	1100	0.191	0.006	0.020	0.005	<0.005	>10.0	0.854	0.6	2.25	11000	0.58
VINE20W_DFN-004		2.68	0.140	50.3	1200	0.243	0.007	0.019	0.001	0.005	>10.0	0.513	1.4	3.20	8330	0.59
VINE20W_DFN-005		2.13	0.104	37.8	1100	0.234	0.008	0.016	<0.001	<0.005	>10.0	2.19	0.6	2.52	13000	0.47
VINE20W_DFN-006		1.64	0.155	45.1	1300	0.205	0.008	0.014	0.005	<0.005	>10.0	4.02	0.9	2.81	9170	1.04
VINE20W_DFN-007		1.65	0.152	52.1	1100	0.248	0.006	0.019	0.008	<0.005	>10.0	1.670	0.6	2.54	13700	0.76
VINE20W_DFN-008		2.49	0.179	59.2	1600	0.327	0.007	0.027	0.001	<0.005	>10.0	1.530	1.1	2.16	6700	1.71
VINE20W_DFN-009		2.00	0.223	40.5	1700	0.322	0.012	0.032	<0.001	<0.005	>10.0	8.27	0.9	2.82	7710	0.51
VINE20W_DFN-010		1.72	0.172	29.3	1100	0.220	<0.005	0.012	0.001	<0.005	8.38	0.605	0.9	1.620	10700	0.26
VINE20W_DFN-011		2.99	0.151	50.3	1100	0.170	0.005	0.018	0.001	<0.005	>10.0	0.392	0.8	3.62	7070	3.00
VINE20W_DFN-012		2.27	0.120	27.1	1000	0.246	0.007	0.021	<0.001	<0.005	8.76	1.645	0.7	2.62	15750	0.44
VINE20W_DFN-013		2.37	0.190	42.0	1200	0.249	0.007	0.017	0.001	<0.005	>10.0	1.520	1.2	2.57	13000	0.69
VINE20W_DFN-014		3.31	0.256	45.7	2000	0.460	0.011	0.039	0.002	<0.005	>10.0	2.86	1.7	2.39	15650	1.31
VINE20W_DFN-015		2.05	0.172	53.2	1200	0.219	0.005	0.023	0.001	<0.005	>10.0	2.76	0.7	2.36	6110	0.47
VINE20W_DFN-016		2.38	0.194	54.1	1500	0.313	0.006	0.033	<0.001	<0.005	>10.0	4.28	1.0	2.25	7080	0.30
VINE20W_DFN-017		1.32	0.111	47.2	800	0.165	<0.005	0.012	<0.001	<0.005	>10.0	3.48	0.8	3.85	9760	1.05
VINE20W_DFN-018		2.97	0.159	27.3	1400	0.306	0.005	0.027	0.001	0.006	6.90	1.740	1.8	1.720	16250	0.45
VINE20W_DFN-019		1.83	0.151	50.6	1300	0.192	<0.005	0.011	<0.001	<0.005	>10.0	1.105	0.8	2.83	5940	0.96
VINE20W_DFN-020A		2.73	0.198	30.5	1500	0.287	<0.005	0.027	<0.001	0.005	8.17	0.601	1.6	2.99	6990	0.39
VINE20W_DFN-020B		1.85	0.200	54.2	1100	0.195	0.005	0.016	<0.001	<0.005	>10.0	0.340	1.7	2.78	7290	0.78
VINE20W_DFN-020C		10.05	4.41	89.9	4200	0.823	0.017	0.062	0.035	0.014	>10.0	3.51	4.2	2.20	29900	1.00
VINE20W_DFN-021		3.91	0.161	31.3	1400	0.280	<0.005	0.024	0.001	<0.005	7.25	1.220	3.2	1.840	13900	0.40
VINE20W_DFN-022		1.51	0.143	48.9	1000	0.170	0.005	0.018	<0.001	<0.005	>10.0	1.995	1.0	2.76	7990	0.59
VINE20W_DFN-023		2.17	0.147	45.2	1200	0.215	<0.005	0.024	0.002	<0.005	>10.0	1.750	0.8	3.00	18000	1.12
VINE20W_DFN-024		2.27	0.168	31.9	1200	0.271	<0.005	0.019	0.001	<0.005	9.17	2.70	1.2	1.500	12500	0.78
VINE20W_DFN-025		1.70	0.194	47.0	1200	0.220	0.008	0.027	<0.001	<0.005	>10.0	3.15	2.6	2.44	9500	1.31
VINE20W_DFN-026		2.84	0.239	44.4	1600	0.346	0.007	0.042	0.001	<0.005	>10.0	3.81	1.2	3.32	10600	2.11
VINE20W_DFN-027		2.68	0.450	41.0	1400	0.272	0.006	0.032	0.001	<0.005	>10.0	1.915	1.9	2.76	14600	1.21
VINE20W_DFN-028		2.08	0.132	38.7	1300	0.216	<0.005	0.020	<0.001	<0.005	>10.0	1.425	1.1	3.22	10700	1.26
VINE20W_DFN-029		3.52	0.148	39.9	1100	0.223	0.005	0.019	<0.001	<0.005	>10.0	1.710	1.6	2.29	12050	0.75
VINE20W_DFN-030		2.00	0.154	19.40	1200	0.236	0.005	0.034	0.001	<0.005	7.22	0.931	1.3	1.890	10650	0.55
VINE20W_DFN-031		2.49	0.343	41.1	1200	0.267	0.007	0.025	<0.001	<0.005	>10.0	0.915	1.3	2.00	13950	0.34
VINE20W_DFN-032		1.44	0.067	21.5	698	0.104	<0.005	0.013	<0.001	<0.005	8.99	0.347	0.8	1.860	3560	0.25
VINE20W_DFN-033		2.12	0.177	24.5	1100	0.194	<0.005	0.024	0.001	<0.005	>10.0	1.135	0.9	1.150	6260	0.22
VINE20W_DFN-034		2.84	0.344	50.0	1700	0.344	0.010	0.022	<0.001	0.005	>10.0	2.88	0.9	3.23	11350	0.76
VINE20W_DFN-035		2.65	0.158	63.1	1500	0.299	0.011	0.025	<0.001	0.007	>10.0	1.535	1.1	3.75	18350	0.93
VINE20W_DFN-036		1.97	0.141	65.4	1200	0.170	<0.005	0.023	<0.001	0.006	>10.0	0.524	1.0	3.42	7930	0.77
VINE20W_DFN-037		3.03	0.114	35.1	1300	0.296	0.005	0.025	<0.001	0.007	8.83	2.51	0.8	3.21	23100	2.08

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 22-MAY-2020
Account: PJXRES

Project: Vine West

CERTIFICATE OF ANALYSIS VA20089273

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Na % 0.001	ME-VEG41a Nb ppm 0.002	ME-VEG41a Ni ppm 0.04	ME-VEG41a P % 0.001	ME-VEG41a Pb ppm 0.01	ME-VEG41a Pd ppm 0.001	ME-VEG41a Pt ppm 0.002	ME-VEG41a Rb ppm 0.01	ME-VEG41a Re ppm 0.001	ME-VEG41a S % 0.01	ME-VEG41a Sb ppm 0.01	ME-VEG41a Sc ppm 0.01	ME-VEG41a Se ppm 0.005	ME-VEG41a Sn ppm 0.01	ME-VEG41a Sr ppm 0.02
VINE20W_DFN-001		0.017	0.058	9.64	4.13	3.37	<0.001	<0.002	44.3	<0.001	1.53	0.16	2.83	0.217	0.18	1450
VINE20W_DFN-001C		0.124	0.463	62.8	3.53	53.6	0.006	0.002	242	0.002	1.60	0.33	1.97	1.020	0.93	767
VINE20W_DFN-002		0.017	0.027	2.97	2.08	1.25	0.004	<0.002	11.65	0.001	0.75	0.12	2.14	0.348	0.13	1570
VINE20W_DFN-003		0.014	0.030	2.94	2.39	3.51	<0.001	<0.002	31.1	<0.001	1.20	0.11	1.89	0.403	0.15	744
VINE20W_DFN-004		0.016	0.081	2.77	3.57	2.06	0.002	<0.002	12.30	<0.001	1.23	0.12	1.98	0.237	0.15	844
VINE20W_DFN-005		0.011	0.038	6.95	2.42	3.02	0.002	<0.002	18.05	0.001	0.87	0.14	1.69	0.395	0.23	2280
VINE20W_DFN-006		0.018	0.045	4.85	3.68	1.55	<0.001	<0.002	24.7	0.016	1.05	0.12	1.85	0.327	0.14	2310
VINE20W_DFN-007		0.020	0.102	7.24	2.82	1.45	<0.001	<0.002	34.8	0.001	0.91	0.09	2.11	0.222	0.10	1540
VINE20W_DFN-008		0.030	0.140	12.25	3.73	1.80	<0.001	<0.002	36.7	<0.001	1.20	0.18	2.04	0.190	0.16	1240
VINE20W_DFN-009		0.021	0.078	3.46	3.22	2.30	<0.001	<0.002	54.2	0.001	1.53	0.19	2.17	0.624	0.19	1070
VINE20W_DFN-010		0.022	0.031	6.60	3.03	1.85	0.002	<0.002	14.10	<0.001	0.69	0.09	1.60	0.149	0.12	1030
VINE20W_DFN-011		0.013	0.033	13.95	3.80	1.38	0.004	<0.002	24.8	<0.001	1.47	0.12	1.68	0.327	0.12	904
VINE20W_DFN-012		0.008	0.024	2.69	2.77	1.33	<0.001	<0.002	11.10	0.001	0.87	0.12	1.41	0.527	0.13	1620
VINE20W_DFN-013		0.025	0.034	3.83	3.69	1.85	<0.001	0.002	26.8	0.001	1.36	0.14	1.79	0.321	0.13	1420
VINE20W_DFN-014		0.038	0.085	5.17	3.36	2.16	0.001	<0.002	27.3	<0.001	0.80	0.18	2.42	0.228	0.16	1210
VINE20W_DFN-015		0.017	0.060	12.90	3.72	1.70	0.004	<0.002	32.1	<0.001	1.02	0.11	1.81	0.270	0.15	1710
VINE20W_DFN-016		0.028	0.110	3.35	3.05	1.96	<0.001	<0.002	23.6	<0.001	0.81	0.16	2.07	0.312	0.19	1860
VINE20W_DFN-017		0.007	0.038	18.95	2.92	1.44	<0.001	<0.002	35.9	<0.001	1.14	0.09	1.86	0.122	0.09	827
VINE20W_DFN-018		0.054	0.055	3.47	2.06	1.99	0.001	<0.002	14.20	0.005	0.65	0.21	1.51	0.152	0.17	1440
VINE20W_DFN-019		0.011	0.033	4.78	3.79	1.90	<0.001	<0.002	29.7	<0.001	1.59	0.14	2.04	0.121	0.13	754
VINE20W_DFN-020A		0.024	0.069	2.00	2.22	1.80	<0.001	<0.002	17.45	<0.001	0.91	0.15	1.75	0.211	0.19	724
VINE20W_DFN-020B		0.013	0.054	2.38	2.68	1.55	<0.001	<0.002	30.3	<0.001	1.37	0.12	2.88	0.229	0.15	710
VINE20W_DFN-020C		0.117	0.451	56.0	3.42	57.9	0.003	<0.002	237	0.001	1.54	0.44	1.73	0.656	1.12	755
VINE20W_DFN-021		0.014	0.045	6.73	2.47	1.79	0.001	<0.002	8.88	0.004	0.97	0.15	1.77	0.269	0.20	1210
VINE20W_DFN-022		0.007	0.058	7.83	3.61	1.54	0.001	<0.002	39.8	<0.001	0.99	0.14	1.42	0.210	0.12	1130
VINE20W_DFN-023		0.011	0.082	5.43	4.27	1.65	<0.001	<0.002	25.0	<0.001	1.64	0.13	1.19	0.186	0.12	911
VINE20W_DFN-024		0.014	0.040	11.50	2.80	1.71	0.001	<0.002	16.60	0.001	0.96	0.11	1.50	0.287	0.11	1400
VINE20W_DFN-025		0.012	0.076	9.92	4.25	1.43	<0.001	<0.002	26.3	0.006	1.16	0.14	1.45	0.210	0.15	1390
VINE20W_DFN-026		0.017	0.090	6.57	3.21	2.42	<0.001	<0.002	36.5	0.002	0.92	0.14	1.91	0.155	0.20	1760
VINE20W_DFN-027		0.016	0.109	4.72	3.49	1.93	<0.001	<0.002	23.8	0.001	0.97	0.15	1.71	0.124	0.17	993
VINE20W_DFN-028		0.028	0.066	7.03	3.04	2.13	<0.001	<0.002	31.2	0.001	1.20	0.15	2.01	0.206	0.16	1030
VINE20W_DFN-029		0.015	0.057	6.22	3.29	1.44	<0.001	<0.002	29.9	0.013	1.00	0.11	1.52	0.170	0.12	1600
VINE20W_DFN-030		0.012	0.055	5.32	3.37	2.13	<0.001	<0.002	12.80	0.002	0.95	0.14	1.49	0.146	0.14	1750
VINE20W_DFN-031		0.022	0.049	2.41	3.66	1.85	0.002	<0.002	53.3	<0.001	0.69	0.14	1.81	0.183	0.16	1010
VINE20W_DFN-032		0.009	0.035	4.99	2.65	1.07	0.001	<0.002	11.80	<0.001	0.67	0.06	1.47	0.166	0.06	2280
VINE20W_DFN-033		0.015	0.032	1.75	1.865	1.49	0.001	<0.002	22.4	0.004	0.75	0.10	1.59	0.140	0.09	1330
VINE20W_DFN-034		0.021	0.084	6.30	4.25	2.05	<0.001	<0.002	47.0	0.002	0.91	0.19	1.36	0.268	0.18	1110
VINE20W_DFN-035		0.018	0.050	5.06	3.82	1.74	<0.001	<0.002	32.9	0.002	0.95	0.16	1.81	0.313	0.14	1385
VINE20W_DFN-036		0.015	0.044	3.85	3.66	1.68	<0.001	<0.002	32.0	0.001	1.16	0.16	1.78	0.095	0.12	1145
VINE20W_DFN-037		0.017	0.054	10.35	2.97	1.40	<0.001	<0.002	17.75	0.004	0.97	0.18	1.52	0.176	0.14	1115

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 22-MAY-2020
Account: PJXRES

Project: Vine West

CERTIFICATE OF ANALYSIS VA20089273

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Ta ppm 0.001	ME-VEG41a Te ppm 0.02	ME-VEG41a Th ppm 0.002	ME-VEG41a Ti % 0.001	ME-VEG41a Tl ppm 0.002	ME-VEG41a U ppm 0.005	ME-VEG41a V ppm 0.05	ME-VEG41a W ppm 0.01	ME-VEG41a Y ppm 0.003	ME-VEG41a Zn ppm 0.1	ME-VEG41a Zr ppm 0.02
VINE20W_DFN-001		<0.001	<0.02	0.114	0.004	0.012	0.028	2.36	0.26	0.931	990	1.03
VINE20W_DFN-001C		0.011	<0.02	0.634	0.015	0.383	0.179	13.65	0.69	1.455	1395	2.15
VINE20W_DFN-002		<0.001	0.05	0.120	0.003	0.033	0.066	1.87	0.32	0.472	1005	0.58
VINE20W_DFN-003		<0.001	<0.02	0.103	0.003	0.021	0.025	1.54	0.23	0.508	501	0.65
VINE20W_DFN-004		<0.001	0.03	0.106	0.003	0.009	0.096	1.90	0.18	0.372	888	0.93
VINE20W_DFN-005		<0.001	<0.02	0.101	0.003	0.034	0.078	1.70	0.19	1.650	495	0.68
VINE20W_DFN-006		<0.001	0.08	0.136	0.003	0.013	0.090	1.61	0.29	3.10	1065	0.65
VINE20W_DFN-007		<0.001	<0.02	0.095	0.003	0.012	0.022	1.60	0.23	1.840	954	0.80
VINE20W_DFN-008		<0.001	0.03	0.178	0.005	0.007	0.032	2.75	0.47	1.655	898	1.16
VINE20W_DFN-009		<0.001	<0.02	0.179	0.005	0.014	0.029	2.46	0.41	9.62	305	1.14
VINE20W_DFN-010		<0.001	0.03	0.113	0.003	0.053	0.022	1.91	0.22	0.447	489	0.59
VINE20W_DFN-011		<0.001	<0.02	0.094	0.003	0.008	0.033	1.56	0.29	0.312	585	0.97
VINE20W_DFN-012		<0.001	<0.02	0.132	0.003	0.029	0.025	1.66	0.21	1.480	886	0.76
VINE20W_DFN-013		<0.001	0.03	0.131	0.004	0.016	0.087	2.10	0.34	1.420	864	0.81
VINE20W_DFN-014		<0.001	<0.02	0.249	0.007	0.020	0.061	3.78	0.50	2.29	904	1.48
VINE20W_DFN-015		<0.001	<0.02	0.120	0.004	0.007	0.039	1.99	0.25	5.52	840	1.02
VINE20W_DFN-016		<0.001	0.03	0.173	0.006	0.006	0.034	2.72	0.33	3.88	467	1.35
VINE20W_DFN-017		<0.001	<0.02	0.074	0.002	0.008	0.020	1.45	0.12	2.97	398	0.61
VINE20W_DFN-018		<0.001	<0.02	0.169	0.005	0.048	0.052	2.57	0.40	2.21	673	1.14
VINE20W_DFN-019		<0.001	<0.02	0.110	0.003	0.008	0.025	1.85	0.26	1.165	515	0.66
VINE20W_DFN-020A		<0.001	<0.02	0.179	0.005	0.029	0.057	3.04	0.42	0.410	449	0.96
VINE20W_DFN-020B		<0.001	<0.02	0.118	0.003	0.005	0.048	1.88	0.29	0.264	655	0.69
VINE20W_DFN-020C		0.010	<0.02	0.725	0.014	0.409	0.172	12.05	0.67	1.465	1365	2.13
VINE20W_DFN-021		<0.001	<0.02	0.170	0.005	0.054	0.061	2.48	0.28	1.750	827	1.31
VINE20W_DFN-022		<0.001	<0.02	0.102	0.003	0.012	0.019	1.66	0.18	1.860	695	0.76
VINE20W_DFN-023		<0.001	<0.02	0.138	0.004	0.023	0.031	1.85	0.25	1.370	962	1.46
VINE20W_DFN-024		<0.001	<0.02	0.137	0.004	0.073	0.041	2.14	0.20	2.74	907	1.11
VINE20W_DFN-025		<0.001	0.03	0.117	0.004	0.010	0.038	1.92	0.16	3.07	475	0.86
VINE20W_DFN-026		<0.001	<0.02	0.192	0.006	0.018	0.032	3.15	0.21	2.56	520	1.62
VINE20W_DFN-027		<0.001	<0.02	0.169	0.006	0.018	0.050	2.66	0.19	1.425	1015	1.39
VINE20W_DFN-028		<0.001	0.03	0.133	0.004	0.006	0.024	2.02	0.47	1.225	1155	0.85
VINE20W_DFN-029		<0.001	<0.02	0.134	0.004	0.018	0.030	2.20	0.27	1.710	688	0.98
VINE20W_DFN-030		<0.001	0.03	0.147	0.004	0.067	0.030	2.20	0.30	0.893	669	1.10
VINE20W_DFN-031		<0.001	<0.02	0.126	0.004	0.134	0.024	2.20	0.29	0.820	809	1.19
VINE20W_DFN-032		<0.001	<0.02	0.058	0.002	0.028	0.024	1.11	0.12	0.260	703	0.65
VINE20W_DFN-033		<0.001	<0.02	0.111	0.004	0.030	0.056	1.85	0.17	1.435	408	1.11
VINE20W_DFN-034		<0.001	<0.02	0.171	0.006	0.027	0.049	2.60	0.23	3.01	947	0.92
VINE20W_DFN-035		<0.001	<0.02	0.144	0.005	0.035	0.037	2.27	0.22	1.230	1260	0.98
VINE20W_DFN-036		<0.001	<0.02	0.084	0.003	0.035	0.021	1.44	0.22	0.303	575	0.96
VINE20W_DFN-037		<0.001	<0.02	0.136	0.005	0.023	0.049	1.97	0.17	1.780	838	0.91

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 22-MAY-2020
Account: PJXRES

Project: Vine West

CERTIFICATE OF ANALYSIS VA20089273

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	VEG-ASH01 WT. SAMP g 0.01	VEG-ASH01 WT. ASH g 0.01	ME-VEG41a Au ppm 0.0002	ME-VEG41a Ag ppm 0.001	ME-VEG41a Al % 0.01	ME-VEG41a As ppm 0.01	ME-VEG41a B ppm 1	ME-VEG41a Ba ppm 0.1	ME-VEG41a Be ppm 0.01	ME-VEG41a Bi ppm 0.001	ME-VEG41a Ca % 0.01	ME-VEG41a Cd ppm 0.001	ME-VEG41a Ce ppm 0.003	ME-VEG41a Co ppm 0.002
VINE20W_DFN-038		0.04	28.0	1.28	0.0006	0.504	0.16	119.0	572	484	0.03	0.026	16.95	0.772	2.00	4.72
VINE20W_DFN-039		0.08	29.0	1.17	0.0003	0.262	0.15	120.0	708	651	0.03	0.018	17.85	0.790	1.500	4.36
VINE20W_DFN-040A		0.06	28.2	0.92	0.0003	0.404	0.16	562	534	794	0.06	0.016	18.05	2.80	2.44	8.30
VINE20W_DFN-040B		0.06	27.8	1.18	<0.0002	0.203	0.13	379	203	1225	0.02	0.012	20.3	2.12	1.335	3.32
VINE20W_DFN-040C		<0.02			0.0036	0.140	0.97	6.16	424	864	0.31	0.124	18.60	2.27	6.09	2.88
VINE20W_DFN-041		0.08	29.8	1.24	0.0006	0.133	0.23	45.3	383	856	0.02	0.018	18.70	0.888	1.560	2.23
VINE20W_DFN-042		0.04	26.9	1.45	0.0003	0.902	0.18	92.0	251	846	0.04	0.018	20.2	1.495	1.875	1.735
VINE20W_DFN-043		0.06	28.6	1.21	0.0004	0.500	0.45	20.4	224	1875	0.05	0.018	23.7	1.165	1.480	2.33
VINE20W_DFN-044		0.06	29.5	1.08	0.0005	0.610	0.13	8.31	459	1215	0.04	0.014	18.20	1.455	1.275	2.63
VINE20W_DFN-045		0.06	27.1	0.85	0.0006	0.182	0.28	118.5	533	506	0.07	0.020	15.10	1.040	1.670	1.970
VINE20W_DFN-046		0.04	27.9	1.16	0.0004	0.211	0.17	1.83	433	1230	0.02	0.020	22.9	0.253	1.265	0.940
VINE20W_DFN-047		0.06	28.7	1.38	0.0003	0.275	0.12	137.0	372	1260	0.04	0.016	23.3	0.484	1.890	1.960
VINE20W_DFN-048		0.08	29.1	1.08	0.0003	0.187	0.31	197.5	363	1370	0.04	0.018	19.85	0.591	3.15	3.24
VINE20W_DFN-049		0.06	29.5	1.10	0.0005	0.283	0.13	189.0	525	522	0.03	0.014	20.5	1.335	1.485	3.78
VINE20W_DFN-050		0.04	27.2	1.16	<0.0002	0.633	0.15	10.45	466	736	0.03	0.017	21.4	2.11	1.775	2.45
VINE20W_DFN-051		0.04	27.0	0.98	0.0005	0.288	0.19	23.6	322	432	0.03	0.023	20.2	0.618	2.27	1.925
VINE20W_DFN-052		0.06	29.1	1.07	0.0015	0.357	0.18	2.63	478	1075	0.04	0.016	15.05	1.475	1.330	1.985
VINE20W_DFN-053		0.04	23.2	0.76	0.0006	0.115	0.53	3.04	671	865	0.12	0.038	19.50	1.720	3.38	2.95
VINE20W_DFN-054		0.04	28.5	1.56	0.0002	0.114	0.22	12.10	621	1055	0.03	0.017	17.00	0.556	1.130	1.360
VINE20W_DFN-055		0.08	30.2	1.25	0.0045	0.537	0.16	9.33	695	1805	0.05	0.016	16.10	1.090	1.700	1.775
VINE20W_DFN-056		0.06	28.5	1.47	<0.0002	0.259	0.15	67.3	654	347	0.03	0.016	21.5	1.570	2.06	3.24
VINE20W_DFN-057		0.06	28.9	1.19	0.0004	0.369	0.10	71.7	619	363	0.02	0.017	18.25	1.235	1.830	2.25
VINE20W_DFN-058		0.04	28.2	1.61	0.0002	0.387	0.20	32.5	400	691	0.05	0.030	22.0	0.902	1.645	1.960
VINE20W_DFN-059		0.04	25.6	0.97	0.0004	0.543	0.26	18.55	110	632	0.05	0.028	18.30	0.582	2.62	4.05
VINE20W_DFN-060A		0.04	29.1	1.63	0.0002	1.625	0.13	47.4	245	624	0.04	0.018	16.15	0.774	2.02	2.97
VINE20W_DFN-060B		0.04	29.1	1.36	0.0002	0.232	0.17	175.0	345	785	0.05	0.016	18.55	1.065	2.71	3.74
VINE20W_DFN-060C		<0.02			0.0041	0.128	0.95	6.01	416	838	0.31	0.125	18.10	2.26	5.99	2.85
VINE20W_DFN-061		0.06	29.1	1.11	0.0004	0.518	0.28	116.0	191	393	0.06	0.011	18.30	0.585	2.63	2.96
VINE20W_DFN-062		0.06	30.3	1.12	0.0002	0.389	0.11	2.88	469	626	0.02	0.021	13.65	1.060	0.881	1.120
VINE20W_DFN-063		0.04	28.0	1.34	0.0007	0.327	0.21	95.9	673	922	0.05	0.109	17.40	0.541	2.04	2.12
VINE20W_DFN-064		0.06	29.9	1.57	0.0004	0.116	0.16	206	355	660	0.03	0.013	16.30	0.298	1.225	3.93
VINE20W_DFN-065		0.06	28.6	1.17	0.0004	0.283	0.16	5.05	832	419	0.02	0.014	22.8	0.754	1.845	1.465
VINE20W_DFN-066		0.06	28.0	0.91	0.0040	0.687	0.47	15.60	713	1095	0.20	0.033	19.85	3.42	2.80	7.25
VINE20W_DFN-067		0.06	28.1	1.19	<0.0002	0.312	0.44	36.0	615	1985	0.23	0.023	20.5	0.945	2.09	3.58
VINE20W_DFN-068		0.06	30.7	1.97	<0.0002	0.372	0.21	130.5	168	760	0.05	0.021	22.8	1.495	1.415	2.96
VINE20W_DFN-069		0.06	28.7	1.32	0.0031	0.522	0.21	28.0	222	995	0.03	0.030	20.4	0.760	1.920	3.48
VINE20W_DFN-070		0.06	29.7	1.38	0.0020	0.221	0.22	32.8	394	693	0.08	0.029	21.2	1.015	1.760	3.35
VINE20W_DFN-071		0.06	29.2	1.10	<0.0002	0.569	0.30	125.5	496	1080	0.06	0.040	15.45	5.73	2.00	3.65
VINE20W_DFN-072		0.04	28.8	1.64	0.0005	0.701	0.12	78.7	206	1150	0.04	0.020	19.65	0.599	0.892	3.16
VINE20W_DFN-073		0.08	29.1	1.29	0.0005	0.339	0.23	12.40	819	614	0.06	0.030	19.55	0.427	1.895	2.69

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 22-MAY-2020
Account: PJXRES

Project: Vine West

CERTIFICATE OF ANALYSIS VA20089273

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Cr ppm 0.01	ME-VEG41a Cs ppm 0.005	ME-VEG41a Cu ppm 0.01	ME-VEG41a Fe ppm 1	ME-VEG41a Ga ppm 0.004	ME-VEG41a Ge ppm 0.005	ME-VEG41a Hf ppm 0.002	ME-VEG41a Hg ppm 0.001	ME-VEG41a In ppm 0.005	ME-VEG41a K % 0.01	ME-VEG41a La ppm 0.002	ME-VEG41a Li ppm 0.1	ME-VEG41a Mg % 0.001	ME-VEG41a Mn ppm 0.1	ME-VEG41a Mo ppm 0.01
VINE20W_DFN-038		4.60	0.209	38.7	1900	0.345	0.006	0.026	<0.001	0.008	>10.0	1.505	3.2	2.97	10400	0.80
VINE20W_DFN-039		2.50	0.169	33.8	1400	0.240	0.007	0.026	<0.001	<0.005	>10.0	1.655	2.1	2.79	6860	0.62
VINE20W_DFN-040A		2.32	0.170	54.0	1500	0.247	0.006	0.021	<0.001	<0.005	>10.0	2.73	1.2	3.50	11500	1.75
VINE20W_DFN-040B		1.20	0.140	35.8	908	0.148	0.007	0.010	<0.001	<0.005	>10.0	1.685	0.7	1.880	8170	0.68
VINE20W_DFN-040C		10.65	3.75	98.9	4400	0.979	0.018	0.045	0.036	0.013	>10.0	3.16	4.0	2.33	30900	0.91
VINE20W_DFN-041		1.55	0.147	33.5	1100	0.219	<0.005	0.019	<0.001	<0.005	>10.0	1.790	2.3	2.54	9820	1.21
VINE20W_DFN-042		2.53	0.127	26.4	1200	0.238	<0.005	0.020	<0.001	<0.005	9.50	2.41	0.8	2.36	10400	1.35
VINE20W_DFN-043		2.48	0.276	29.3	1300	0.267	0.007	0.027	<0.001	<0.005	8.42	1.220	0.8	1.360	8680	0.38
VINE20W_DFN-044		1.53	0.136	55.6	1000	0.173	<0.005	0.017	<0.001	<0.005	>10.0	1.055	0.6	3.40	9570	0.82
VINE20W_DFN-045		1.82	0.224	60.5	1400	0.245	0.007	0.018	<0.001	0.005	>10.0	3.69	0.9	3.30	11300	0.85
VINE20W_DFN-046		2.65	0.149	31.4	1500	0.300	0.005	0.033	<0.001	<0.005	8.97	0.980	1.0	2.79	7760	0.46
VINE20W_DFN-047		1.30	0.094	31.6	853	0.173	0.008	0.014	<0.001	<0.005	>10.0	3.81	1.3	2.54	9680	1.03
VINE20W_DFN-048		1.86	0.133	41.7	1300	0.212	0.008	0.020	<0.001	<0.005	>10.0	3.97	0.8	1.990	4650	0.59
VINE20W_DFN-049		1.41	0.100	53.9	1000	0.183	0.007	0.012	<0.001	<0.005	>10.0	1.960	0.6	2.18	8330	4.36
VINE20W_DFN-050		3.00	0.164	42.3	1400	0.272	0.005	0.030	<0.001	<0.005	>10.0	1.375	1.1	2.17	6340	0.87
VINE20W_DFN-051		2.05	0.180	50.0	1600	0.317	0.007	0.030	<0.001	<0.005	>10.0	3.26	2.2	2.69	9880	1.24
VINE20W_DFN-052		1.56	0.130	54.4	1300	0.266	<0.005	0.019	<0.001	<0.005	>10.0	1.370	1.4	2.07	11850	0.37
VINE20W_DFN-053		4.26	0.391	63.6	2800	0.632	0.009	0.015	<0.001	0.006	>10.0	2.10	2.1	2.34	28100	0.71
VINE20W_DFN-054		2.12	0.122	22.5	1300	0.246	0.006	0.022	<0.001	<0.005	8.62	1.350	0.9	2.73	12000	1.05
VINE20W_DFN-055		1.95	0.126	49.7	1500	0.248	0.007	0.021	<0.001	0.006	>10.0	3.17	1.1	1.980	8600	0.58
VINE20W_DFN-056		2.92	0.094	30.5	1000	0.352	0.006	0.018	<0.001	<0.005	8.54	2.68	0.6	1.890	37200	0.52
VINE20W_DFN-057		1.51	0.097	33.5	1000	0.199	0.005	0.021	<0.001	<0.005	>10.0	2.03	0.9	2.24	11400	0.56
VINE20W_DFN-058		3.72	0.176	30.6	1600	0.314	0.007	0.026	<0.001	<0.005	7.60	1.520	2.4	2.36	10550	0.89
VINE20W_DFN-059		5.34	0.364	39.8	2200	0.482	0.007	0.025	<0.001	0.007	>10.0	1.960	1.7	2.38	16600	0.97
VINE20W_DFN-060A		1.73	0.181	20.8	1300	0.253	0.007	0.022	<0.001	<0.005	9.83	0.932	3.2	1.650	7490	0.55
VINE20W_DFN-060B		1.74	0.188	36.2	1400	0.294	0.006	0.024	<0.001	<0.005	>10.0	1.405	1.7	2.05	10450	0.51
VINE20W_DFN-060C		19.80	3.79	95.8	4400	0.954	0.018	0.050	0.030	0.011	>10.0	3.10	4.0	2.27	30400	1.12
VINE20W_DFN-061		1.96	0.188	54.9	1400	0.267	0.005	0.025	<0.001	<0.005	>10.0	2.54	0.7	2.40	6430	0.69
VINE20W_DFN-062		3.43	0.110	53.6	1200	0.209	0.005	0.026	<0.001	<0.005	>10.0	0.924	0.7	2.05	8950	1.62
VINE20W_DFN-063		5.36	0.142	38.3	1400	0.273	0.009	0.019	<0.001	<0.005	>10.0	2.57	2.0	2.17	8020	1.38
VINE20W_DFN-064		1.71	0.141	36.0	1400	0.248	<0.005	0.021	<0.001	0.005	>10.0	0.902	1.2	2.22	10800	0.47
VINE20W_DFN-065		6.80	0.109	51.4	1400	0.199	0.005	0.010	<0.001	<0.005	>10.0	2.18	1.0	2.38	12800	1.09
VINE20W_DFN-066		3.50	0.186	57.1	1800	0.534	0.011	0.047	0.001	<0.005	>10.0	6.15	1.6	2.30	23500	0.41
VINE20W_DFN-067		4.84	0.176	45.5	1200	0.334	<0.005	0.033	<0.001	<0.005	>10.0	3.27	1.2	1.140	23200	0.29
VINE20W_DFN-068		2.62	0.168	44.5	1500	0.290	0.008	0.024	<0.001	<0.005	>10.0	1.395	1.4	1.050	5210	1.74
VINE20W_DFN-069		7.35	0.169	42.8	1700	0.374	0.006	0.045	0.001	<0.005	9.63	1.125	1.9	1.970	6920	0.70
VINE20W_DFN-070		9.16	0.196	32.4	1900	0.409	0.006	0.031	0.001	0.006	>10.0	0.838	2.0	3.89	6830	0.64
VINE20W_DFN-071		10.30	0.250	60.7	2600	0.575	0.008	0.030	<0.001	0.007	>10.0	1.000	2.1	1.460	13550	1.03
VINE20W_DFN-072		1.95	0.139	31.7	1200	0.247	0.006	0.023	0.001	0.005	>10.0	0.512	2.1	2.40	3870	1.07
VINE20W_DFN-073		5.73	0.148	32.4	1300	0.303	<0.005	0.034	0.001	<0.005	>10.0	1.875	1.0	2.15	12250	0.46

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 22-MAY-2020
Account: PJXRES

Project: Vine West

CERTIFICATE OF ANALYSIS VA20089273

Sample Description	Method Analyte Units LOD	ME-VEG41a Na % 0.001	ME-VEG41a Nb ppm 0.002	ME-VEG41a Ni ppm 0.04	ME-VEG41a P % 0.001	ME-VEG41a Pb ppm 0.01	ME-VEG41a Pd ppm 0.001	ME-VEG41a Pt ppm 0.002	ME-VEG41a Rb ppm 0.01	ME-VEG41a Re ppm 0.001	ME-VEG41a S % 0.01	ME-VEG41a Sb ppm 0.01	ME-VEG41a Sc ppm 0.01	ME-VEG41a Se ppm 0.005	ME-VEG41a Sn ppm 0.01	ME-VEG41a Sr ppm 0.02
VINE20W_DFN-038		0.063	0.062	20.5	4.13	2.53	<0.001	<0.002	21.6	0.002	1.33	0.23	1.71	0.246	0.22	933
VINE20W_DFN-039		0.023	0.049	5.84	3.39	1.54	<0.001	<0.002	23.7	0.010	1.12	0.17	1.69	0.254	0.14	1140
VINE20W_DFN-040A		0.017	0.041	18.20	4.01	1.79	<0.001	<0.002	33.6	0.003	0.97	0.16	1.81	0.370	0.09	1170
VINE20W_DFN-040B		0.013	0.031	4.93	3.14	1.43	<0.001	<0.002	31.4	0.002	1.01	0.11	1.94	0.425	0.10	1560
VINE20W_DFN-040C		0.124	0.431	57.8	3.73	49.1	<0.001	0.003	242	0.003	1.59	0.41	2.05	1.060	0.89	783
VINE20W_DFN-041		0.016	0.033	4.91	3.03	1.41	<0.001	<0.002	16.30	0.010	1.28	0.14	1.63	0.332	0.15	669
VINE20W_DFN-042		0.017	0.033	9.96	3.27	1.52	<0.001	<0.002	16.35	0.009	0.78	0.12	1.46	0.167	0.10	1720
VINE20W_DFN-043		0.023	0.048	2.97	2.97	1.76	<0.001	<0.002	35.0	0.001	0.55	0.18	1.47	0.344	0.13	2240
VINE20W_DFN-044		0.013	0.050	7.81	3.96	1.20	<0.001	<0.002	53.4	0.001	0.82	0.11	1.46	0.154	0.09	1840
VINE20W_DFN-045		0.015	0.034	8.66	4.66	2.25	<0.001	<0.002	31.2	0.003	1.32	0.16	1.55	0.328	0.15	1235
VINE20W_DFN-046		0.019	0.057	1.98	2.27	1.87	<0.001	<0.002	16.85	0.002	0.81	0.18	1.88	0.155	0.14	1085
VINE20W_DFN-047		0.010	0.033	6.20	2.80	1.20	<0.001	<0.002	21.6	0.002	0.75	0.11	1.58	0.225	0.09	1275
VINE20W_DFN-048		0.016	0.044	4.90	4.07	1.70	<0.001	<0.002	21.4	0.003	0.75	0.18	1.59	0.191	0.14	974
VINE20W_DFN-049		0.014	0.039	9.89	3.16	1.48	<0.001	<0.002	30.1	0.006	1.10	0.15	1.49	0.165	0.15	1065
VINE20W_DFN-050		0.019	0.066	4.64	2.70	1.79	<0.001	<0.002	26.0	0.004	1.09	0.16	1.65	0.211	0.12	1345
VINE20W_DFN-051		0.016	0.111	13.50	3.50	1.95	<0.001	<0.002	22.1	0.004	1.24	0.16	1.86	0.211	0.16	1205
VINE20W_DFN-052		0.018	0.034	5.94	3.01	1.66	<0.001	<0.002	23.1	0.002	0.91	0.14	1.33	0.154	0.13	1050
VINE20W_DFN-053		0.036	0.142	13.15	4.15	4.92	<0.001	<0.002	65.1	0.004	1.18	0.22	1.18	0.182	0.23	823
VINE20W_DFN-054		0.016	0.032	7.75	3.09	1.50	<0.001	<0.002	19.60	0.002	0.73	0.09	1.28	0.134	0.11	1455
VINE20W_DFN-055		0.026	0.059	4.02	4.26	1.42	<0.001	<0.002	12.70	0.004	0.78	0.16	1.41	0.289	0.11	1380
VINE20W_DFN-056		0.012	0.025	6.54	2.86	1.15	<0.001	<0.002	12.55	0.007	1.32	0.12	1.70	0.157	0.10	1670
VINE20W_DFN-057		0.013	0.026	5.38	3.92	1.32	<0.001	<0.002	17.10	0.004	1.26	0.12	1.25	0.352	0.11	1155
VINE20W_DFN-058		0.031	0.056	6.86	3.31	1.87	<0.001	<0.002	13.35	0.005	0.73	0.19	2.15	0.145	0.18	822
VINE20W_DFN-059		0.041	0.065	5.81	2.95	3.20	<0.001	<0.002	24.4	0.013	1.14	0.24	1.91	0.459	0.24	1330
VINE20W_DFN-060A		0.034	0.032	12.95	3.30	1.93	<0.001	<0.002	9.67	0.058	1.55	0.14	1.42	0.459	0.14	1020
VINE20W_DFN-060B		0.025	0.059	16.20	2.71	2.08	<0.001	<0.002	28.5	0.010	1.29	0.18	1.66	0.388	0.15	1120
VINE20W_DFN-060C		0.122	0.425	58.9	3.67	49.3	0.001	0.002	238	0.003	1.54	0.39	1.96	0.973	0.97	762
VINE20W_DFN-061		0.028	0.060	7.43	4.15	2.77	<0.001	<0.002	25.3	0.003	1.43	0.14	2.27	0.492	0.16	1405
VINE20W_DFN-062		0.034	0.040	5.44	3.74	2.32	<0.001	<0.002	20.0	0.001	1.03	0.15	1.63	0.368	0.38	1110
VINE20W_DFN-063		0.036	0.062	10.30	3.27	2.34	<0.001	<0.002	10.20	0.002	1.06	0.14	1.50	0.572	0.21	1225
VINE20W_DFN-064		0.026	0.029	5.42	3.10	2.34	<0.001	<0.002	21.4	0.001	1.03	0.12	1.54	0.371	0.19	1340
VINE20W_DFN-065		0.022	0.046	16.25	3.66	1.56	<0.001	<0.002	16.60	0.005	1.25	0.15	1.52	0.333	0.16	2010
VINE20W_DFN-066		0.037	0.102	7.18	3.01	3.00	<0.001	<0.002	34.6	0.003	1.15	0.18	2.11	0.730	0.30	1120
VINE20W_DFN-067		0.022	0.059	6.91	2.75	1.78	<0.001	<0.002	54.5	0.002	0.76	0.15	2.02	0.379	0.19	973
VINE20W_DFN-068		0.025	0.102	10.50	3.05	3.60	0.003	<0.002	10.80	0.007	1.24	0.13	1.80	0.454	0.25	1330
VINE20W_DFN-069		0.035	0.050	7.61	2.46	2.36	<0.001	<0.002	8.70	0.022	1.14	0.16	1.66	0.591	0.39	1810
VINE20W_DFN-070		0.114	0.088	3.67	3.95	2.93	0.004	<0.002	14.00	0.006	1.15	0.23	2.06	0.503	0.24	700
VINE20W_DFN-071		0.058	0.136	4.43	4.20	3.52	<0.001	<0.002	22.1	0.005	1.16	0.28	2.36	0.412	0.36	925
VINE20W_DFN-072		0.023	0.063	3.99	3.32	1.99	<0.001	<0.002	19.55	0.003	0.86	0.14	1.86	0.281	0.21	850
VINE20W_DFN-073		0.027	0.049	5.73	3.35	3.72	<0.001	<0.002	10.40	0.008	1.51	0.18	2.15	0.363	0.21	1200

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 22-MAY-2020
Account: PJXRES

Project: Vine West

CERTIFICATE OF ANALYSIS VA20089273

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Ta ppm 0.001	ME-VEG41a Te ppm 0.02	ME-VEG41a Th ppm 0.002	ME-VEG41a Ti % 0.001	ME-VEG41a Tl ppm 0.002	ME-VEG41a U ppm 0.005	ME-VEG41a V ppm 0.05	ME-VEG41a W ppm 0.01	ME-VEG41a Y ppm 0.003	ME-VEG41a Zn ppm 0.1	ME-VEG41a Zr ppm 0.02
VINE20W_DFN-038		<0.001	<0.02	0.241	0.005	0.024	0.039	2.97	1.08	1.495	502	1.01
VINE20W_DFN-039		<0.001	0.03	0.147	0.004	0.039	0.049	2.00	0.39	1.875	647	0.90
VINE20W_DFN-040A		<0.001	<0.02	0.143	0.004	0.025	0.051	1.92	0.24	2.25	805	0.85
VINE20W_DFN-040B		<0.001	0.03	0.080	0.002	0.011	0.035	1.27	0.16	1.380	450	0.54
VINE20W_DFN-040C		0.010	0.03	0.633	0.015	0.365	0.182	11.80	0.55	1.515	1395	2.02
VINE20W_DFN-041		<0.001	<0.02	0.116	0.004	0.048	0.061	1.59	0.16	2.15	825	0.69
VINE20W_DFN-042		<0.001	<0.02	0.121	0.004	0.041	0.034	1.83	0.17	1.870	673	0.90
VINE20W_DFN-043		<0.001	<0.02	0.138	0.005	0.151	0.036	2.03	0.20	1.015	587	1.03
VINE20W_DFN-044		<0.001	<0.02	0.086	0.003	0.015	0.023	1.36	0.12	1.130	618	0.75
VINE20W_DFN-045		<0.001	<0.02	0.120	0.004	0.028	0.066	1.75	0.17	3.79	921	0.77
VINE20W_DFN-046		<0.001	<0.02	0.166	0.005	0.059	0.067	2.50	0.18	0.811	536	1.27
VINE20W_DFN-047		<0.001	0.03	0.084	0.003	0.061	0.022	1.31	0.12	2.61	407	0.66
VINE20W_DFN-048		<0.001	<0.02	0.140	0.003	0.074	0.049	1.74	0.34	3.34	616	0.62
VINE20W_DFN-049		<0.001	<0.02	0.102	0.003	0.013	0.080	1.47	0.24	1.580	694	0.67
VINE20W_DFN-050		<0.001	0.03	0.175	0.005	0.034	0.053	2.35	0.23	1.480	421	1.16
VINE20W_DFN-051		<0.001	0.03	0.174	0.006	0.050	0.057	2.59	0.21	4.19	744	1.02
VINE20W_DFN-052		<0.001	<0.02	0.131	0.004	0.057	0.031	1.94	0.16	1.235	863	0.82
VINE20W_DFN-053		<0.001	0.03	0.297	0.011	0.170	0.073	4.85	0.24	2.72	1200	0.43
VINE20W_DFN-054		<0.001	<0.02	0.120	0.004	0.039	0.029	1.77	0.10	1.880	297	0.99
VINE20W_DFN-055		<0.001	<0.02	0.134	0.005	0.064	0.042	1.95	0.21	3.07	551	0.89
VINE20W_DFN-056		<0.001	0.03	0.094	0.003	0.056	0.029	1.48	0.12	1.940	944	0.79
VINE20W_DFN-057		<0.001	0.03	0.087	0.003	0.027	0.033	1.40	0.12	1.320	730	0.74
VINE20W_DFN-058		<0.001	<0.02	0.207	0.006	0.143	0.043	2.49	0.43	1.475	713	1.07
VINE20W_DFN-059		<0.001	0.03	0.293	0.009	0.029	0.056	3.67	0.46	1.700	586	0.66
VINE20W_DFN-060A		<0.001	<0.02	0.158	0.005	0.038	0.256	2.17	0.22	1.440	404	0.82
VINE20W_DFN-060B		<0.001	<0.02	0.176	0.005	0.016	0.060	2.51	0.22	1.760	990	0.94
VINE20W_DFN-060C		0.010	<0.02	0.622	0.014	0.347	0.178	11.50	0.59	1.445	1360	1.99
VINE20W_DFN-061		<0.001	<0.02	0.123	0.005	0.011	0.045	2.03	0.18	2.99	561	0.85
VINE20W_DFN-062		<0.001	<0.02	0.108	0.004	0.017	0.027	1.80	0.11	0.623	731	1.10
VINE20W_DFN-063		<0.001	<0.02	0.135	0.005	0.028	0.084	2.33	0.11	3.25	582	0.98
VINE20W_DFN-064		<0.001	<0.02	0.118	0.004	0.039	0.038	1.99	0.10	0.741	524	0.85
VINE20W_DFN-065		<0.001	0.03	0.096	0.004	0.006	0.033	1.55	0.10	2.56	538	0.49
VINE20W_DFN-066		<0.001	<0.02	0.199	0.007	0.029	0.052	3.75	0.28	11.85	877	2.17
VINE20W_DFN-067		<0.001	0.05	0.113	0.005	0.078	0.029	2.27	0.14	3.88	645	1.54
VINE20W_DFN-068		<0.001	<0.02	0.150	0.005	0.020	0.041	2.60	0.48	1.175	600	0.88
VINE20W_DFN-069		<0.001	0.03	0.188	0.006	0.025	0.055	2.88	0.38	1.410	535	1.81
VINE20W_DFN-070		<0.001	<0.02	0.204	0.007	0.037	0.065	3.11	0.38	0.794	600	1.36
VINE20W_DFN-071		<0.001	<0.02	0.284	0.011	0.017	0.053	4.86	0.42	0.806	1075	1.30
VINE20W_DFN-072		<0.001	<0.02	0.120	0.004	0.011	0.114	1.90	0.15	0.327	475	0.94
VINE20W_DFN-073		<0.001	<0.02	0.130	0.005	0.006	0.045	2.49	0.17	2.34	689	1.57

***** See Appendix Page for comments regarding this certificate *****

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To: PJX RESOURCES
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 22-MAY-2020
Account: PJXRES

Project: Vine West

CERTIFICATE OF ANALYSIS VA20089273

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	VEG-ASH01 WT. SAMP g 0.01	VEG-ASH01 WT. ASH g 0.01	ME-VEG41a Au ppm 0.0002	ME-VEG41a Ag ppm 0.001	ME-VEG41a Al % 0.01	ME-VEG41a As ppm 0.01	ME-VEG41a B ppm 1	ME-VEG41a Ba ppm 0.1	ME-VEG41a Be ppm 0.01	ME-VEG41a Bi ppm 0.001	ME-VEG41a Ca % 0.01	ME-VEG41a Cd ppm 0.001	ME-VEG41a Ce ppm 0.003	ME-VEG41a Co ppm 0.002
VINE20W_DFN-074		0.06	31.2	1.93	<0.0002	0.325	0.42	26.8	194	1740	0.03	0.016	23.6	0.681	0.944	1.345
VINE20W_DFN-075		0.06	29.1	1.68	0.0002	0.250	0.26	164.0	337	1440	0.08	0.017	19.60	0.849	1.890	2.49
VINE20W_DFN-076		0.04	28.1	1.36	0.0003	0.112	0.31	57.3	544	1995	0.08	0.035	18.00	0.685	1.785	2.42
VINE20W_DFN-077		0.06	28.6	1.02	0.0005	0.805	0.22	4.54	620	2330	0.15	0.031	19.70	1.240	3.56	2.34
VINE20W_DFN-078		0.04	29.6	1.33	0.0002	0.616	0.16	213	476	878	0.07	0.021	21.4	0.859	2.71	4.20
VINE20W_DFN-079		0.04	30.2	1.40	<0.0002	1.915	0.19	57.5	644	1800	0.04	0.026	20.6	0.727	2.08	3.07
VINE20W_DFN-080A		0.06	30.1	1.77	<0.0002	0.405	0.17	43.1	353	1155	0.05	0.026	22.7	1.420	1.960	3.13
VINE20W_DFN-080B		0.04	28.2	1.03	<0.0002	0.442	0.29	65.4	277	1515	0.06	0.033	18.35	1.365	2.38	3.30
VINE20W_DFN-080C		<0.02			0.0030	0.138	0.97	5.78	429	867	0.32	0.127	18.50	2.41	5.64	3.09
VINE20W_DFN-081		0.06	30.3	1.19	<0.0002	1.020	0.20	75.5	440	1460	0.15	0.027	21.5	0.971	5.31	7.02
VINE20W_DFN-082		0.06	28.5	1.26	<0.0002	0.299	0.38	31.2	185	1505	0.08	0.019	23.3	1.790	1.825	4.17
VINE20W_DFN-083		0.04	29.0	1.66	<0.0002	0.160	0.13	4.69	429	990	0.03	0.046	24.0	0.972	0.675	1.020
VINE20W_DFN-084		0.06	28.0	0.91	<0.0002	0.781	0.18	64.7	225	771	0.12	0.022	15.35	3.77	3.63	8.71
VINE20W_DFN-085		0.06	28.8	0.68	0.0009	0.609	0.34	13.85	276	1640	0.17	0.052	18.35	1.190	2.77	12.15
VINE20W_DFN-086		0.06	28.1	1.04	0.0002	0.568	0.61	31.7	645	1065	0.10	0.021	17.60	1.040	1.375	4.54
VINE20W_DFN-087		0.04	29.2	1.28	<0.0002	0.341	0.17	4.01	709	637	0.05	0.022	17.75	0.990	2.02	2.32
VINE20W_DFN-088		0.04	28.1	0.85	0.0006	0.410	0.36	1.92	727	2370	0.11	0.021	17.25	0.859	1.695	3.17
VINE20W_DFN-089		0.04	29.6	1.44	0.0002	0.774	0.25	13.60	415	1745	0.05	0.035	23.7	1.245	2.68	2.34
VINE20W_DFN-090		0.06	28.9	1.19	<0.0002	0.630	0.19	42.4	289	949	0.04	0.035	24.2	0.622	1.845	3.24
VINE20W_DFN-091		0.08	29.9	1.29	<0.0002	0.257	0.18	70.8	570	1010	0.03	0.018	21.6	1.260	1.650	3.69
VINE20W_DFN-092		0.06	29.3	1.39	<0.0002	0.427	0.22	250	92	1225	0.04	0.033	24.0	0.934	2.22	3.46
VINE20W_DFN-093		0.06	29.1	1.69	<0.0002	0.451	0.17	8.18	197	2220	0.03	0.023	19.55	1.040	1.340	2.66
VINE20W_DFN-094		0.04	26.6	1.25	<0.0002	0.501	0.20	4.73	561	1070	0.06	0.033	17.15	2.25	2.09	3.78
VINE20W_DFN-095		0.04	29.9	1.32	<0.0002	1.625	0.17	42.3	165	1315	0.07	0.028	18.75	3.16	5.10	5.34
VINE20W_DFN-096		0.06	28.7	0.86	0.0014	0.318	0.24	190.0	387	1620	0.05	0.030	16.65	1.555	2.39	7.28
VINE20W_DFN-097		0.06	29.3	1.26	0.0007	0.353	0.12	1.46	583	2180	0.04	0.021	17.40	0.710	1.440	1.755
VINE20W_DFN-098		0.06	27.5	0.95	0.0009	0.164	0.31	5.27	564	1185	0.06	0.023	21.3	0.927	1.040	2.98
VINE20W_DFN-099		0.04	28.7	1.20	0.0003	0.424	0.12	134.5	392	1360	0.02	0.018	19.75	0.605	0.767	1.215
VINE20W_DFN-100A		0.04	28.0	0.96	0.0014	0.056	0.35	1.94	399	909	0.09	0.020	22.9	3.99	1.365	1.735
VINE20W_DFN-100B		0.06	29.1	1.01	0.0008	0.052	0.33	1.54	562	2510	0.10	0.024	23.3	3.71	1.295	1.690
VINE20W_DFN-100C		<0.02			0.0053	0.155	1.01	5.84	460	908	0.46	0.135	19.10	2.49	5.88	3.14
VINE20W_DFN-101		0.04	28.4	1.22	0.0010	0.049	0.44	2.29	511	1255	0.09	0.021	25.8	1.570	1.650	1.225
VINE20W_DFN-102		0.08	31.0	0.97	0.0004	0.275	0.15	119.5	342	1525	0.03	0.028	20.6	2.58	1.240	4.76
VINE20W_DFN-103		0.06	28.7	1.13	0.0006	0.184	0.20	38.6	132	1090	0.05	0.022	21.8	1.645	1.595	4.49
VINE20W_DFN-104		0.04	30.1	1.89	0.0005	0.279	0.13	33.4	347	2090	0.06	0.020	20.8	0.451	1.700	1.525
VINE20W_DFN-105		0.06	28.4	1.75	0.0006	0.557	0.17	2.55	438	1850	0.06	0.030	25.1	1.310	1.440	1.770
VINE20W_DFN-106		0.06	28.7	1.48	0.0005	0.205	0.23	97.5	407	1000	0.06	0.015	17.75	2.44	1.450	2.75
VINE20W_DFN-107		0.06	29.5	1.29	0.0005	0.198	0.41	4.98	300	991	0.04	0.013	16.65	0.770	0.625	2.80
VINE20W_DFN-108		0.06	29.4	1.24	0.0004	0.331	0.19	23.9	618	766	0.08	0.011	17.35	1.900	1.155	2.90
VINE20W_DFN-109		0.04	25.7	1.29	0.0017	0.865	0.21	78.2	309	873	0.07	0.020	23.5	6.93	2.51	6.85

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Finalized Date: 22-MAY-2020
Account: PJXRES

Project: Vine West

CERTIFICATE OF ANALYSIS VA20089273

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Cr ppm 0.01	ME-VEG41a Cs ppm 0.005	ME-VEG41a Cu ppm 0.01	ME-VEG41a Fe ppm 1	ME-VEG41a Ga ppm 0.004	ME-VEG41a Ge ppm 0.005	ME-VEG41a Hf ppm 0.002	ME-VEG41a Hg ppm 0.001	ME-VEG41a In ppm 0.005	ME-VEG41a K % 0.01	ME-VEG41a La ppm 0.002	ME-VEG41a Li ppm 0.1	ME-VEG41a Mg % 0.001	ME-VEG41a Mn ppm 0.1	ME-VEG41a Mo ppm 0.01
VINE20W_DFN-074		1.92	0.173	26.6	1100	0.266	<0.005	0.019	<0.001	<0.005	6.03	0.671	0.9	1.420	5930	0.17
VINE20W_DFN-075		4.02	0.139	28.8	1300	0.314	0.005	0.035	<0.001	<0.005	8.77	2.12	1.7	2.37	10400	0.35
VINE20W_DFN-076		7.17	0.183	32.3	1700	0.411	<0.005	0.032	<0.001	<0.005	9.63	2.16	1.4	2.07	14200	0.41
VINE20W_DFN-077		10.50	0.199	66.0	1700	0.420	0.005	0.029	<0.001	0.010	>10.0	4.27	1.5	2.00	13100	0.44
VINE20W_DFN-078		4.82	0.175	50.0	1200	0.276	<0.005	0.032	<0.001	<0.005	>10.0	3.98	1.5	2.64	12400	0.51
VINE20W_DFN-079		2.76	0.181	33.5	1600	0.380	<0.005	0.029	<0.001	<0.005	>10.0	1.085	2.3	1.120	12700	0.64
VINE20W_DFN-080A		1.91	0.125	23.6	1300	0.298	<0.005	0.022	0.001	<0.005	7.79	1.320	4.2	2.15	7120	2.80
VINE20W_DFN-080B		3.41	0.260	53.6	2200	0.446	0.006	0.029	<0.001	0.006	>10.0	1.460	2.3	1.700	6530	2.01
VINE20W_DFN-080C		12.40	3.79	99.8	4300	1.040	0.020	0.058	0.019	0.013	>10.0	2.90	4.4	2.29	30900	0.95
VINE20W_DFN-081		2.37	0.160	36.1	1500	0.319	0.006	0.026	<0.001	<0.005	8.64	4.96	1.5	3.20	9190	0.72
VINE20W_DFN-082		1.17	0.102	56.4	1000	0.230	<0.005	0.013	<0.001	0.005	>10.0	1.985	0.7	1.570	18400	0.72
VINE20W_DFN-083		1.48	0.118	33.5	1000	0.194	0.005	0.016	<0.001	<0.005	>10.0	0.412	2.4	1.750	8660	1.07
VINE20W_DFN-084		1.97	0.152	56.1	1300	0.288	0.008	0.023	<0.001	<0.005	>10.0	2.71	0.9	2.50	15700	0.49
VINE20W_DFN-085		2.63	0.238	56.8	1900	0.434	<0.005	0.029	<0.001	0.006	>10.0	2.68	1.3	4.09	16350	0.72
VINE20W_DFN-086		1.68	0.264	52.2	1300	0.287	<0.005	0.028	<0.001	0.009	>10.0	1.000	0.8	2.53	9380	0.26
VINE20W_DFN-087		1.30	0.139	44.7	1100	0.235	<0.005	0.018	<0.001	0.005	>10.0	2.27	0.8	2.08	17350	0.42
VINE20W_DFN-088		1.59	0.169	75.1	1500	0.277	<0.005	0.030	<0.001	<0.005	>10.0	1.275	1.2	3.19	5120	0.21
VINE20W_DFN-089		1.75	0.186	41.4	1600	0.336	0.010	0.028	<0.001	<0.005	9.04	3.14	1.1	2.37	11800	0.42
VINE20W_DFN-090		2.99	0.261	36.6	2000	0.415	<0.005	0.036	0.002	0.005	8.77	1.070	5.9	2.38	6580	1.82
VINE20W_DFN-091		2.19	0.216	41.8	1500	0.314	0.005	0.026	<0.001	0.006	>10.0	0.973	1.3	1.810	5120	1.38
VINE20W_DFN-092		1.92	0.163	42.2	1400	0.341	0.006	0.045	<0.001	0.006	>10.0	1.780	1.1	1.720	14500	0.29
VINE20W_DFN-093		1.99	0.212	24.7	1500	0.330	<0.005	0.034	<0.001	<0.005	6.50	0.770	2.2	1.670	10100	0.36
VINE20W_DFN-094		2.05	0.154	40.7	1600	0.320	<0.005	0.037	<0.001	<0.005	>10.0	1.270	1.2	1.250	8140	1.43
VINE20W_DFN-095		1.85	0.287	34.8	1300	0.279	0.007	0.030	0.001	<0.005	>10.0	2.54	1.0	2.28	6430	0.48
VINE20W_DFN-096		2.01	0.162	59.0	1400	0.297	0.006	0.032	<0.001	<0.005	>10.0	3.04	0.8	2.50	16450	0.49
VINE20W_DFN-097		1.23	0.118	41.5	1000	0.191	<0.005	0.022	<0.001	0.005	>10.0	1.600	0.6	2.31	5700	0.46
VINE20W_DFN-098		1.85	0.380	52.2	1100	0.233	0.006	0.021	0.001	<0.005	>10.0	0.713	0.6	3.83	10400	0.26
VINE20W_DFN-099		0.85	0.117	46.6	866	0.133	<0.005	0.013	<0.001	<0.005	>10.0	2.01	0.7	2.51	6910	0.46
VINE20W_DFN-100A		1.09	0.452	63.1	900	0.187	<0.005	0.022	0.001	<0.005	>10.0	1.715	0.5	2.27	18950	0.77
VINE20W_DFN-100B		1.42	0.450	61.3	1200	0.266	<0.005	0.023	0.002	<0.005	>10.0	1.045	1.4	2.19	22500	0.83
VINE20W_DFN-100C		12.25	3.75	100.0	4500	1.015	0.013	0.056	0.031	0.014	>10.0	3.08	5.2	2.38	32300	1.07
VINE20W_DFN-101		1.86	0.253	47.8	1500	0.377	<0.005	0.030	0.001	<0.005	>10.0	1.465	0.9	1.330	39700	0.65
VINE20W_DFN-102		1.96	0.224	57.4	1400	0.238	<0.005	0.024	0.001	0.006	>10.0	0.863	1.4	2.34	4460	0.85
VINE20W_DFN-103		1.92	0.145	42.9	1300	0.236	0.007	0.029	0.103	0.006	>10.0	2.03	1.3	2.77	6960	0.48
VINE20W_DFN-104		1.98	0.158	20.6	1300	0.287	0.005	0.027	0.001	<0.005	5.61	1.255	1.5	2.19	11950	0.57
VINE20W_DFN-105		2.13	0.210	25.9	1800	0.362	<0.005	0.035	0.001	0.006	6.21	1.375	1.7	1.990	13200	0.90
VINE20W_DFN-106		1.44	0.123	31.2	1200	0.225	0.005	0.023	0.002	0.006	>10.0	1.320	1.7	2.22	16550	0.71
VINE20W_DFN-107		0.70	0.094	50.4	905	0.161	<0.005	0.015	0.006	<0.005	>10.0	1.360	0.4	2.15	6190	0.41
VINE20W_DFN-108		1.33	0.160	53.1	1000	0.219	0.006	0.017	0.002	<0.005	>10.0	0.847	0.7	3.19	19900	0.99
VINE20W_DFN-109		1.67	0.186	32.4	1200	0.288	0.006	0.030	0.001	0.006	10.00	1.860	0.9	1.560	24800	0.46

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 22-MAY-2020
Account: PJXRES

Project: Vine West

CERTIFICATE OF ANALYSIS VA20089273

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Na % 0.001	ME-VEG41a Nb ppm 0.002	ME-VEG41a Ni ppm 0.04	ME-VEG41a P % 0.001	ME-VEG41a Pb ppm 0.01	ME-VEG41a Pd ppm 0.001	ME-VEG41a Pt ppm 0.002	ME-VEG41a Rb ppm 0.01	ME-VEG41a Re ppm 0.001	ME-VEG41a S % 0.01	ME-VEG41a Sb ppm 0.01	ME-VEG41a Sc ppm 0.01	ME-VEG41a Se ppm 0.005	ME-VEG41a Sn ppm 0.01	ME-VEG41a Sr ppm 0.02
VINE20W_DFN-074		0.018	0.041	2.22	2.20	1.31	<0.001	<0.002	19.90	0.001	0.51	0.07	1.73	0.379	0.12	1320
VINE20W_DFN-075		0.019	0.050	4.38	2.93	1.68	0.002	<0.002	8.11	0.003	0.82	0.11	1.60	0.618	0.16	960
VINE20W_DFN-076		0.022	0.073	6.14	2.65	2.81	<0.001	<0.002	16.85	0.001	0.72	0.16	1.74	0.245	0.22	1520
VINE20W_DFN-077		0.029	0.097	12.25	3.27	2.98	0.002	<0.002	38.1	0.002	0.78	0.24	1.90	0.206	0.26	857
VINE20W_DFN-078		0.023	0.073	16.75	3.67	2.32	<0.001	<0.002	32.1	0.001	1.14	0.11	1.60	0.194	0.16	1460
VINE20W_DFN-079		0.023	0.067	6.82	3.18	2.19	<0.001	<0.002	11.55	0.005	0.84	0.18	1.85	0.522	0.20	900
VINE20W_DFN-080A		0.024	0.050	10.55	2.14	1.93	<0.001	<0.002	4.04	0.021	0.95	0.14	1.81	0.290	0.17	1830
VINE20W_DFN-080B		0.039	0.093	10.85	3.98	3.72	<0.001	<0.002	16.55	0.009	0.81	0.20	1.86	0.368	0.23	1250
VINE20W_DFN-080C		0.127	0.437	61.2	3.58	49.2	0.005	<0.002	240	0.004	1.53	0.41	2.02	0.879	1.00	784
VINE20W_DFN-081		0.029	0.061	10.85	2.90	2.40	<0.001	<0.002	14.05	0.008	0.98	0.15	1.98	0.423	0.27	1810
VINE20W_DFN-082		0.019	0.055	6.50	3.37	1.45	0.002	<0.002	21.7	0.001	1.05	0.09	1.56	0.230	0.12	1470
VINE20W_DFN-083		0.019	0.043	1.95	3.25	1.57	<0.001	<0.002	18.00	0.003	1.14	0.14	1.52	0.266	0.23	860
VINE20W_DFN-084		0.024	0.062	20.8	3.93	2.37	0.004	<0.002	16.60	0.003	1.30	0.20	1.97	0.538	0.55	1250
VINE20W_DFN-085		0.034	0.100	10.95	3.94	4.06	<0.001	<0.002	46.5	0.002	1.22	0.29	2.46	0.466	0.37	1060
VINE20W_DFN-086		0.022	0.072	5.85	3.29	2.22	<0.001	<0.002	51.6	0.003	0.96	0.14	1.64	0.454	0.16	1660
VINE20W_DFN-087		0.015	0.031	5.82	3.08	2.38	<0.001	<0.002	29.4	0.003	0.99	0.11	1.35	0.191	0.14	1380
VINE20W_DFN-088		0.021	0.100	17.15	4.13	2.23	<0.001	<0.002	27.0	0.001	0.82	0.14	1.64	0.125	0.21	847
VINE20W_DFN-089		0.029	0.056	3.50	3.17	7.49	0.001	<0.002	14.85	0.004	0.81	0.62	1.66	0.271	0.26	1500
VINE20W_DFN-090		0.040	0.107	4.49	2.27	3.35	0.004	<0.002	14.75	0.014	1.09	0.22	1.94	0.468	0.27	755
VINE20W_DFN-091		0.022	0.066	12.00	2.42	2.47	<0.001	<0.002	25.6	0.005	0.87	0.15	1.57	0.267	0.16	1050
VINE20W_DFN-092		0.033	0.087	6.61	2.59	3.46	0.002	<0.002	11.80	0.003	1.14	0.16	1.74	0.273	0.19	817
VINE20W_DFN-093		0.024	0.040	2.90	2.25	2.78	<0.001	<0.002	13.60	0.001	0.57	0.09	1.39	0.184	0.19	967
VINE20W_DFN-094		0.027	0.085	11.05	3.39	2.84	<0.001	<0.002	26.6	0.002	1.07	0.13	1.73	0.221	0.31	1320
VINE20W_DFN-095		0.021	0.063	21.1	2.37	2.26	<0.001	<0.002	35.4	0.004	0.89	0.17	1.55	0.352	0.20	1270
VINE20W_DFN-096		0.026	0.063	4.47	4.32	2.67	<0.001	<0.002	24.5	0.001	1.09	0.51	1.71	0.218	0.24	629
VINE20W_DFN-097		0.019	0.028	9.03	2.73	2.08	0.003	<0.002	23.1	0.003	0.69	0.12	1.55	0.126	0.15	1270
VINE20W_DFN-098		0.015	0.039	4.99	3.69	2.07	<0.001	<0.002	59.5	0.001	0.73	0.14	1.94	0.410	0.18	1590
VINE20W_DFN-099		0.015	0.028	5.05	3.05	1.89	<0.001	<0.002	40.5	0.002	0.99	0.13	1.33	0.488	0.11	987
VINE20W_DFN-100A		0.016	0.045	21.7	4.79	2.51	0.004	<0.002	94.1	<0.001	0.79	0.13	0.49	0.104	0.18	1250
VINE20W_DFN-100B		0.015	0.058	17.35	4.76	2.70	<0.001	<0.002	100.0	0.001	0.72	0.17	0.69	0.102	0.22	1280
VINE20W_DFN-100C		0.132	0.428	62.5	3.71	52.2	0.004	0.002	244	0.002	1.58	0.34	2.09	0.848	1.17	816
VINE20W_DFN-101		0.026	0.082	8.14	3.79	2.71	0.002	<0.002	47.9	0.001	0.81	0.12	0.69	0.130	0.21	900
VINE20W_DFN-102		0.018	0.065	8.30	3.70	2.53	0.002	<0.002	30.4	0.003	1.28	0.21	1.69	0.267	0.18	725
VINE20W_DFN-103		0.019	0.043	6.79	2.32	2.68	0.002	<0.002	9.63	0.002	1.14	0.15	1.47	0.340	0.20	488
VINE20W_DFN-104		0.020	0.041	3.65	2.69	2.34	0.005	<0.002	8.75	0.005	0.60	0.15	2.13	0.186	0.18	1190
VINE20W_DFN-105		0.030	0.055	4.24	2.03	2.70	<0.001	<0.002	12.25	<0.001	0.62	0.12	1.82	0.168	0.19	1070
VINE20W_DFN-106		0.024	0.041	2.03	3.25	2.00	0.005	<0.002	26.5	0.001	1.17	0.11	1.84	0.395	0.12	1160
VINE20W_DFN-107		0.010	0.018	8.88	3.70	1.35	0.005	<0.002	23.2	<0.001	0.91	0.08	1.45	0.267	0.15	1100
VINE20W_DFN-108		0.013	0.029	7.08	3.05	1.46	0.001	<0.002	51.5	0.001	0.96	0.11	1.36	0.211	0.14	1150
VINE20W_DFN-109		0.018	0.030	7.91	2.36	2.11	0.001	<0.002	47.4	0.001	0.85	0.17	1.26	0.336	0.16	1070

***** See Appendix Page for comments regarding this certificate *****

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To: PJX RESOURCES
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 22-MAY-2020
Account: PJXRES

Project: Vine West

CERTIFICATE OF ANALYSIS VA20089273

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Ta ppm 0.001	ME-VEG41a Te ppm 0.02	ME-VEG41a Th ppm 0.002	ME-VEG41a Ti % 0.001	ME-VEG41a Tl ppm 0.002	ME-VEG41a U ppm 0.005	ME-VEG41a V ppm 0.05	ME-VEG41a W ppm 0.01	ME-VEG41a Y ppm 0.003	ME-VEG41a Zn ppm 0.1	ME-VEG41a Zr ppm 0.02
VINE20W_DFN-074		<0.001	<0.02	0.116	0.004	0.060	0.025	1.87	0.14	0.595	380	0.79
VINE20W_DFN-075		<0.001	<0.02	0.138	0.005	0.040	0.093	2.30	0.15	1.725	577	1.51
VINE20W_DFN-076		<0.001	<0.02	0.188	0.007	0.025	0.055	3.20	0.17	1.940	504	1.79
VINE20W_DFN-077		<0.001	<0.02	0.192	0.007	0.019	0.059	3.22	0.18	8.62	1055	1.30
VINE20W_DFN-078		<0.001	<0.02	0.123	0.004	0.013	0.157	1.88	0.13	4.95	810	1.11
VINE20W_DFN-079		<0.001	<0.02	0.209	0.007	0.020	0.043	3.06	0.39	1.350	662	1.09
VINE20W_DFN-080A		<0.001	<0.02	0.190	0.005	0.074	0.092	2.30	0.25	1.620	688	1.02
VINE20W_DFN-080B		<0.001	<0.02	0.271	0.008	0.040	0.076	4.20	0.50	1.855	886	1.48
VINE20W_DFN-080C		0.012	<0.02	0.618	0.015	0.332	0.182	12.35	0.58	1.495	1395	2.26
VINE20W_DFN-081		<0.001	<0.02	0.162	0.005	0.069	0.075	2.66	0.30	9.32	830	1.07
VINE20W_DFN-082		<0.001	0.03	0.094	0.003	0.023	0.022	1.63	0.11	3.70	412	0.65
VINE20W_DFN-083		<0.001	<0.02	0.095	0.004	0.008	0.140	1.54	0.12	0.326	380	0.75
VINE20W_DFN-084		<0.001	<0.02	0.125	0.005	0.013	0.043	2.39	0.19	4.49	887	1.08
VINE20W_DFN-085		<0.001	<0.02	0.204	0.007	0.018	0.051	3.42	0.25	3.86	560	1.40
VINE20W_DFN-086		<0.001	<0.02	0.114	0.004	0.036	0.042	2.10	0.13	0.876	897	1.03
VINE20W_DFN-087		<0.001	0.03	0.099	0.004	0.029	0.036	1.70	0.11	3.11	806	0.85
VINE20W_DFN-088		<0.001	<0.02	0.148	0.006	0.054	0.051	2.60	0.20	1.040	558	1.21
VINE20W_DFN-089		<0.001	<0.02	0.157	0.006	0.051	0.049	2.68	0.61	2.18	791	1.20
VINE20W_DFN-090		<0.001	<0.02	0.255	0.007	0.047	0.094	3.46	0.57	0.831	380	1.36
VINE20W_DFN-091		<0.001	<0.02	0.177	0.006	0.043	0.039	2.77	0.32	1.165	415	1.14
VINE20W_DFN-092		<0.001	<0.02	0.157	0.006	0.040	0.043	2.55	0.18	1.950	652	1.18
VINE20W_DFN-093		<0.001	<0.02	0.184	0.006	0.108	0.080	2.61	0.13	0.556	454	1.37
VINE20W_DFN-094		<0.001	<0.02	0.168	0.007	0.041	0.053	2.76	0.22	1.155	463	1.42
VINE20W_DFN-095		<0.001	0.04	0.152	0.006	0.034	0.060	2.35	0.16	5.69	636	1.52
VINE20W_DFN-096		<0.001	<0.02	0.133	0.006	0.041	0.034	2.37	0.23	3.20	321	1.26
VINE20W_DFN-097		<0.001	<0.02	0.102	0.003	0.050	0.036	1.61	0.12	1.555	441	0.81
VINE20W_DFN-098		<0.001	<0.02	0.123	0.004	0.090	0.028	1.61	0.18	0.633	623	0.92
VINE20W_DFN-099		<0.001	<0.02	0.073	0.002	0.039	0.022	1.06	0.13	2.16	523	0.56
VINE20W_DFN-100A		<0.001	<0.02	0.069	0.002	0.071	0.016	1.15	0.11	2.08	1275	0.76
VINE20W_DFN-100B		<0.001	<0.02	0.108	0.004	0.133	0.027	1.74	0.15	1.295	1610	2.87
VINE20W_DFN-100C		0.011	<0.02	0.637	0.016	0.394	0.190	12.60	0.58	1.560	1460	2.33
VINE20W_DFN-101		<0.001	<0.02	0.137	0.005	0.174	0.039	2.50	0.14	1.850	1340	1.16
VINE20W_DFN-102		<0.001	<0.02	0.149	0.005	0.027	0.035	2.33	0.38	0.778	559	1.07
VINE20W_DFN-103		<0.001	0.04	0.134	0.004	0.043	0.040	2.03	0.28	1.565	663	1.33
VINE20W_DFN-104		<0.001	<0.02	0.143	0.005	0.132	0.042	2.17	0.15	0.994	643	1.06
VINE20W_DFN-105		<0.001	<0.02	0.175	0.007	0.060	0.059	3.08	0.12	2.62	486	1.38
VINE20W_DFN-106		<0.001	<0.02	0.115	0.004	0.066	0.040	1.57	0.11	1.135	825	0.74
VINE20W_DFN-107		<0.001	<0.02	0.056	0.002	0.034	0.021	0.95	0.06	2.08	625	0.60
VINE20W_DFN-108		<0.001	0.04	0.085	0.003	0.069	0.021	1.17	0.10	0.659	895	0.65
VINE20W_DFN-109		<0.001	<0.02	0.125	0.005	0.074	0.037	1.90	0.14	1.870	672	1.00

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 22-MAY-2020
Account: PJXRES

Project: Vine West

CERTIFICATE OF ANALYSIS VA20089273

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	VEG-ASH01 WT. SAMP g 0.01	VEG-ASH01 WT. ASH g 0.01	ME-VEG41a Au ppm 0.0002	ME-VEG41a Ag ppm 0.001	ME-VEG41a Al % 0.01	ME-VEG41a As ppm 0.01	ME-VEG41a B ppm 1	ME-VEG41a Ba ppm 0.1	ME-VEG41a Be ppm 0.01	ME-VEG41a Bi ppm 0.001	ME-VEG41a Ca % 0.01	ME-VEG41a Cd ppm 0.001	ME-VEG41a Ce ppm 0.003	ME-VEG41a Co ppm 0.002
VINE20W_DFN-110		0.06	28.6	1.13	0.0004	0.231	0.34	159.0	546	786	0.03	0.013	18.60	0.392	0.959	1.710
VINE20W_DFN-111		0.06	28.8	1.26	0.0003	0.353	0.22	7.48	619	672	0.08	0.022	17.95	0.973	1.375	3.04
VINE20W_DFN-112		0.04	30.6	1.16	0.0007	0.328	0.12	186.5	645	804	0.03	0.019	16.55	2.55	0.970	2.69
VINE20W_DFN-113		0.06	29.5	1.44	0.0006	0.185	0.24	34.5	266	799	0.02	0.008	18.65	1.005	0.782	2.22
VINE20W_DFN-114		0.04	27.9	1.08	0.0010	0.715	0.21	60.7	209	1120	0.05	0.018	19.05	0.420	1.800	3.14
VINE20W_DFN-115		0.08	29.5	1.29	0.0003	0.386	0.18	36.6	264	684	0.04	0.017	18.10	1.580	3.03	3.37
VINE20W_DFN-116		0.06	29.2	1.44	0.0008	0.308	0.18	6.69	260	837	0.07	0.018	22.1	1.430	2.08	4.58
VINE20W_DFN-117		0.08	29.3	1.12	0.0007	0.396	0.15	43.2	486	740	0.01	0.013	14.55	1.110	0.828	1.875
VINE20W_DFN-118		0.04	24.2	0.90	<0.0002	0.715	0.26	12.20	369	486	0.06	0.028	14.60	2.43	1.590	2.05
VINE20W_DFN-119		0.04	29.2	1.34	0.0016	0.431	0.24	4.80	706	274	0.08	0.026	17.60	1.315	1.215	2.38
VINE20W_DFN-120A		0.06	30.0	0.83	0.0002	0.123	0.29	0.62	794	1050	0.10	0.020	22.5	2.80	1.280	1.355
VINE20W_DFN-120B		0.04	27.3	0.93	0.0008	0.042	0.39	0.99	601	1755	0.11	0.024	25.1	1.300	2.04	1.085
VINE20W_DFN-120C		<0.02			0.0053	0.130	1.00	6.33	440	895	0.46	0.135	19.00	2.44	6.13	3.04
VINE20W_DFN-121		0.06	28.7	0.97	<0.0002	0.272	0.36	4.22	965	576	0.13	0.019	15.90	1.075	1.380	3.91
VINE20W_DFN-122		0.06	30.2	1.17	0.0003	0.541	0.21	6.88	594	679	0.04	0.027	18.20	1.265	1.055	2.55
VINE20W_DFN-123		0.06	29.3	1.01	<0.0002	1.535	0.53	2.14	488	879	0.08	0.019	19.85	1.100	1.230	2.84
VINE20W_DFN-124		0.04	29.8	1.48	0.0009	0.183	0.12	6.94	463	1410	0.05	0.015	15.40	0.262	1.035	1.525
VINE20W_DFN-125		0.06	29.0	1.41	<0.0002	0.216	0.13	3.96	441	829	0.02	0.011	17.85	0.707	0.494	2.16
VINE20W_DFN-126		0.06	28.6	1.37	0.0003	0.333	0.17	6.86	259	1110	0.07	0.015	19.25	1.600	2.67	3.20
VINE20W_DFN-127		0.06	30.0	0.98	<0.0002	0.173	0.15	3.49	430	485	0.01	0.015	20.1	2.42	1.010	4.36
VINE20W_DFN-128		0.06	30.4	1.42	<0.0002	0.159	0.18	3.62	446	801	0.05	0.010	20.2	1.435	1.300	1.805
VINE20W_DFN-129		0.06	30.0	0.99	0.0007	0.281	0.21	6.51	167	1025	0.06	0.019	15.90	1.110	1.755	2.70
VINE20W_DFN-130		0.06	29.7	1.50	<0.0002	0.597	0.22	1.72	412	1490	0.04	0.013	17.45	1.225	1.685	1.150
VINE20W_DFN-131		0.04	29.4	1.39	<0.0002	0.708	0.23	17.25	411	1140	0.06	0.018	16.50	0.524	1.005	1.475
VINE20W_DFN-132		0.06	28.9	1.40	0.0003	0.239	0.24	49.5	235	1270	0.03	0.012	19.00	0.570	0.777	1.705
VINE20W_DFN-133		0.04	29.7	0.99	0.0008	0.104	0.23	2.46	354	1255	0.06	0.036	17.95	0.714	1.930	1.480
VINE20W_DFN-134		0.06	29.3	1.25	<0.0002	0.343	0.17	4.55	415	811	0.05	0.020	15.45	1.065	1.455	2.33
VINE20W_DFN-135		0.06	29.9	1.04	0.0002	0.071	0.34	1.68	451	873	0.12	0.027	21.1	1.195	1.525	1.465
VINE20W_DFN-136		0.06	29.4	1.06	0.0002	0.452	0.51	2.27	646	955	0.12	0.022	17.50	1.360	1.210	5.00
VINE20W_DFN-137		0.06	30.5	0.91	0.0004	0.368	0.28	1.83	691	750	0.05	0.027	17.70	2.42	1.100	2.96
VINE20W_DFN-138		0.06	29.8	1.40	0.0003	0.110	0.09	2.47	108	1365	0.01	0.013	21.1	0.568	0.417	0.447
VINE20W_DFN-139		0.06	29.5	1.15	<0.0002	0.704	0.20	94.8	139	1350	0.04	0.029	20.6	1.110	2.69	3.86
VINE20W_DFN-140A		0.06	29.9	0.98	0.0002	0.247	0.16	33.8	377	348	0.03	0.015	18.80	0.524	0.814	2.60
VINE20W_DFN-140B		0.06	28.8	0.81	<0.0002	0.152	0.17	94.1	622	503	0.04	0.031	15.55	0.372	1.135	3.12
VINE20W_DFN-140C		<0.02			0.0043	0.130	0.97	5.55	426	860	0.32	0.122	18.50	2.32	5.78	2.90
VINE20W_DFN-141		0.06	29.7	1.37	<0.0002	0.188	0.24	25.3	443	640	0.03	0.013	17.55	1.215	0.944	2.44
VINE20W_DFN-142		0.06	30.0	1.09	<0.0002	0.224	0.22	44.4	416	438	0.04	0.016	16.00	3.28	1.330	2.74
VINE20W_DFN-143		0.04	30.0	1.45	<0.0002	0.844	0.19	254	355	887	0.06	0.016	22.3	3.76	1.895	1.975
VINE20W_DFN-144		0.06	30.0	1.25	<0.0002	0.318	0.22	16.85	605	1395	0.06	0.023	16.90	2.44	1.760	2.87
VINE20W_DFN-145		0.04	29.0	1.29	<0.0002	0.333	0.19	6.69	282	618	0.05	0.016	19.35	1.505	1.050	2.48

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 22-MAY-2020
Account: PJXRES

Project: Vine West

CERTIFICATE OF ANALYSIS VA20089273

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Cr ppm 0.01	ME-VEG41a Cs ppm 0.005	ME-VEG41a Cu ppm 0.01	ME-VEG41a Fe ppm 1	ME-VEG41a Ga ppm 0.004	ME-VEG41a Ge ppm 0.005	ME-VEG41a Hf ppm 0.002	ME-VEG41a Hg ppm 0.001	ME-VEG41a In ppm 0.005	ME-VEG41a K % 0.01	ME-VEG41a La ppm 0.002	ME-VEG41a Li ppm 0.1	ME-VEG41a Mg % 0.001	ME-VEG41a Mn ppm 0.1	ME-VEG41a Mo ppm 0.01
VINE20W_DFN-110		1.05	0.144	47.2	1000	0.180	0.017	0.015	0.005	<0.005	>10.0	0.426	0.6	3.05	2970	0.44
VINE20W_DFN-111		1.74	0.113	39.2	1400	0.298	<0.005	0.026	0.005	<0.005	>10.0	1.300	0.9	1.870	26900	0.66
VINE20W_DFN-112		1.38	0.159	47.2	1200	0.199	0.009	0.021	0.002	<0.005	>10.0	1.275	1.3	2.88	7520	4.03
VINE20W_DFN-113		0.64	0.094	32.5	700	0.133	0.005	0.014	0.002	<0.005	9.10	1.425	2.7	2.91	5040	0.22
VINE20W_DFN-114		2.21	0.203	38.2	1800	0.248	0.008	0.025	0.004	<0.005	9.77	1.340	1.2	1.240	7940	1.21
VINE20W_DFN-115		1.38	0.113	37.1	1000	0.191	0.006	0.017	0.006	<0.005	9.42	3.15	1.0	2.08	11550	0.67
VINE20W_DFN-116		1.66	0.172	29.2	1400	0.244	<0.005	0.019	0.003	<0.005	7.89	2.01	1.3	2.51	9030	1.35
VINE20W_DFN-117		1.50	0.090	51.4	900	0.171	<0.005	0.009	0.003	0.005	>10.0	0.817	0.5	3.34	10150	0.61
VINE20W_DFN-118		1.61	0.250	52.3	1500	0.313	<0.005	0.027	<0.001	<0.005	>10.0	0.778	1.3	2.33	12150	0.79
VINE20W_DFN-119		2.35	0.168	37.9	1200	0.256	0.006	0.014	0.002	0.005	>10.0	1.720	1.7	2.35	20500	0.52
VINE20W_DFN-120A		1.57	0.583	58.9	1200	0.294	<0.005	0.027	0.006	<0.005	>10.0	1.240	0.8	2.34	31100	0.59
VINE20W_DFN-120B		1.99	0.486	44.4	1600	0.411	0.008	0.019	0.003	<0.005	9.32	2.22	1.2	1.700	29700	0.55
VINE20W_DFN-120C		11.30	4.09	97.0	4400	0.927	0.012	0.055	0.033	0.027	>10.0	3.22	4.5	2.34	31700	1.02
VINE20W_DFN-121		1.78	0.218	66.3	1400	0.298	0.006	0.029	0.001	<0.005	>10.0	0.838	0.8	2.51	23600	0.47
VINE20W_DFN-122		1.51	0.145	48.3	1300	0.213	<0.005	0.019	0.002	<0.005	>10.0	2.40	1.3	1.810	12150	0.63
VINE20W_DFN-123		1.80	0.409	49.2	1400	0.274	0.008	0.023	0.001	<0.005	>10.0	0.709	0.9	2.84	12750	0.30
VINE20W_DFN-124		1.14	0.102	31.2	1000	0.195	<0.005	0.015	0.003	0.006	8.24	0.910	0.6	2.56	8630	0.26
VINE20W_DFN-125		1.13	0.082	30.8	696	0.109	<0.005	0.011	<0.001	<0.005	>10.0	0.311	0.3	2.45	8930	0.52
VINE20W_DFN-126		2.60	0.246	40.5	1700	0.262	0.009	0.024	0.001	<0.005	>10.0	3.13	1.4	2.39	4740	0.55
VINE20W_DFN-127		1.28	0.157	53.7	1000	0.159	<0.005	0.012	0.002	<0.005	>10.0	1.065	0.7	2.40	8040	0.78
VINE20W_DFN-128		1.37	0.163	39.4	1200	0.218	0.006	0.012	0.004	<0.005	>10.0	1.265	2.4	2.44	8660	0.72
VINE20W_DFN-129		1.93	0.214	50.0	1400	0.255	<0.005	0.025	0.004	0.007	>10.0	1.625	2.3	2.86	14450	1.11
VINE20W_DFN-130		1.49	0.153	40.9	1200	0.227	0.005	0.016	0.001	<0.005	9.90	1.650	0.9	1.630	10200	0.69
VINE20W_DFN-131		1.42	0.119	29.1	1200	0.195	<0.005	0.022	0.001	<0.005	>10.0	0.887	0.9	2.26	7790	0.99
VINE20W_DFN-132		1.29	0.122	38.0	1200	0.248	<0.005	0.014	<0.001	<0.005	>10.0	0.703	1.1	2.55	14150	0.41
VINE20W_DFN-133		2.30	0.364	62.1	2200	0.545	0.011	0.020	<0.001	0.010	>10.0	1.305	1.8	1.640	19150	0.70
VINE20W_DFN-134		1.32	0.094	37.6	1000	0.246	<0.005	0.021	<0.001	<0.005	>10.0	1.100	0.7	2.58	13100	0.55
VINE20W_DFN-135		1.62	0.399	57.2	1800	0.419	0.007	0.024	<0.001	0.005	>10.0	1.275	1.2	1.960	13950	0.87
VINE20W_DFN-136		1.24	0.148	82.5	1300	0.332	0.006	0.020	<0.001	<0.005	>10.0	0.716	1.3	1.620	17950	0.25
VINE20W_DFN-137		1.56	0.228	56.2	1500	0.370	0.006	0.025	<0.001	<0.005	>10.0	0.671	0.8	3.05	25300	0.34
VINE20W_DFN-138		0.58	0.114	43.9	824	0.124	0.007	0.013	<0.001	<0.005	9.88	0.237	0.7	2.85	1910	0.29
VINE20W_DFN-139		2.49	0.236	32.9	1900	0.387	0.011	0.023	<0.001	<0.005	7.05	1.870	2.2	2.90	8940	0.37
VINE20W_DFN-140A		1.24	0.180	68.2	1100	0.196	<0.005	0.015	<0.001	<0.005	>10.0	0.475	0.7	3.03	7900	4.61
VINE20W_DFN-140B		1.72	0.289	54.6	1600	0.292	<0.005	0.027	<0.001	<0.005	>10.0	0.669	0.9	2.94	6260	2.55
VINE20W_DFN-140C		9.32	3.65	95.9	4400	1.040	0.019	0.053	0.032	0.010	>10.0	2.94	4.3	2.30	30500	0.88
VINE20W_DFN-141		0.98	0.223	46.0	1000	0.172	<0.005	0.011	<0.001	<0.005	>10.0	1.060	0.7	2.68	8550	0.83
VINE20W_DFN-142		1.19	0.144	53.3	1200	0.221	0.007	0.019	<0.001	<0.005	>10.0	1.130	0.6	3.16	8560	0.97
VINE20W_DFN-143		1.64	0.172	36.7	1400	0.291	0.005	0.021	<0.001	<0.005	>10.0	1.525	2.2	1.480	9710	0.47
VINE20W_DFN-144		2.69	0.181	39.1	1500	0.336	<0.005	0.028	<0.001	<0.005	>10.0	1.105	1.0	2.90	14150	1.03
VINE20W_DFN-145		1.32	0.150	35.6	1200	0.284	<0.005	0.014	<0.001	<0.005	>10.0	0.676	1.2	2.29	20900	0.58

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 22-MAY-2020
Account: PJXRES

Project: Vine West

CERTIFICATE OF ANALYSIS VA20089273

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Na % 0.001	ME-VEG41a Nb ppm 0.002	ME-VEG41a Ni ppm 0.04	ME-VEG41a P % 0.001	ME-VEG41a Pb ppm 0.01	ME-VEG41a Pd ppm 0.001	ME-VEG41a Pt ppm 0.002	ME-VEG41a Rb ppm 0.01	ME-VEG41a Re ppm 0.001	ME-VEG41a S % 0.01	ME-VEG41a Sb ppm 0.01	ME-VEG41a Sc ppm 0.01	ME-VEG41a Se ppm 0.005	ME-VEG41a Sn ppm 0.01	ME-VEG41a Sr ppm 0.02
VINE20W_DFN-110		0.012	0.033	2.09	4.36	1.36	<0.001	<0.002	33.7	0.002	1.10	0.09	1.64	1.055	0.14	1780
VINE20W_DFN-111		0.021	0.025	3.38	3.52	1.69	0.003	<0.002	11.55	0.001	1.28	0.13	1.32	0.187	0.12	614
VINE20W_DFN-112		0.017	0.036	11.70	3.46	2.03	0.001	0.002	54.4	0.002	1.58	0.14	1.65	0.219	0.14	606
VINE20W_DFN-113		0.008	0.021	5.65	2.78	0.81	0.001	<0.002	23.3	0.001	0.98	0.06	1.58	0.167	0.12	874
VINE20W_DFN-114		0.030	0.028	3.78	3.00	2.21	<0.001	<0.002	26.7	0.004	0.99	0.18	1.36	0.316	0.16	600
VINE20W_DFN-115		0.013	0.013	8.77	3.37	1.68	0.004	<0.002	20.0	0.002	1.03	0.08	1.51	0.270	0.11	803
VINE20W_DFN-116		0.024	0.074	9.74	2.56	2.11	0.001	<0.002	10.40	<0.001	1.08	0.15	1.49	0.122	0.14	1030
VINE20W_DFN-117		0.015	0.024	5.21	3.58	1.07	<0.001	<0.002	18.70	0.005	1.56	0.08	1.26	0.214	0.12	624
VINE20W_DFN-118		0.019	0.058	5.39	3.75	2.49	<0.001	<0.002	123.5	<0.001	1.51	0.11	1.81	0.347	0.20	965
VINE20W_DFN-119		0.017	0.026	6.44	3.43	1.44	0.003	<0.002	24.3	0.003	1.69	0.14	1.60	0.429	0.11	821
VINE20W_DFN-120A		0.020	0.066	5.75	3.92	2.14	0.004	<0.002	108.0	0.001	1.09	0.15	0.67	0.229	0.21	1050
VINE20W_DFN-120B		0.026	0.111	7.34	3.13	2.52	0.003	<0.002	70.7	0.003	0.80	0.15	0.86	0.170	0.23	1000
VINE20W_DFN-120C		0.129	0.425	58.9	3.69	53.2	0.004	<0.002	246	0.005	1.55	0.41	1.95	0.818	1.15	808
VINE20W_DFN-121		0.018	0.040	9.84	3.56	1.61	0.001	<0.002	75.7	0.001	1.36	0.16	1.49	0.354	0.12	619
VINE20W_DFN-122		0.090	0.063	6.96	>5.0	2.13	<0.001	<0.002	34.4	0.002	1.13	0.09	1.08	0.241	0.17	970
VINE20W_DFN-123		0.019	0.051	3.62	3.94	2.00	<0.001	<0.002	45.5	0.002	0.99	0.14	1.15	0.507	0.21	675
VINE20W_DFN-124		0.024	0.035	4.33	2.69	1.30	<0.001	<0.002	19.45	<0.001	0.85	0.10	1.78	0.166	0.14	578
VINE20W_DFN-125		0.011	0.014	4.87	2.55	1.15	0.002	<0.002	21.1	0.002	1.24	0.06	1.27	0.174	0.12	351
VINE20W_DFN-126		0.029	0.058	5.41	3.20	2.14	0.001	<0.002	22.7	0.001	0.93	0.18	1.36	0.265	0.17	1140
VINE20W_DFN-127		0.019	0.021	15.15	3.31	1.83	0.002	<0.002	21.4	0.002	1.21	0.14	1.49	0.235	0.17	687
VINE20W_DFN-128		0.038	0.031	2.93	2.50	1.31	0.001	<0.002	12.95	0.006	1.02	0.11	1.48	0.096	0.12	721
VINE20W_DFN-129		0.020	0.075	3.96	3.80	2.06	<0.001	<0.002	37.8	0.003	1.12	0.14	1.71	0.156	0.18	1000
VINE20W_DFN-130		0.017	0.025	8.30	2.46	1.88	0.006	<0.002	15.30	0.001	0.76	0.10	1.33	0.114	0.18	558
VINE20W_DFN-131		0.023	0.046	8.25	>5.0	1.91	0.004	<0.002	15.85	0.004	1.37	0.11	1.40	0.258	0.14	899
VINE20W_DFN-132		0.012	0.034	7.45	4.71	1.52	<0.001	<0.002	25.4	0.001	0.71	0.09	1.57	0.254	0.10	1330
VINE20W_DFN-133		0.036	0.150	8.11	4.96	4.25	<0.001	<0.002	58.4	0.002	0.79	0.23	1.27	0.178	0.23	283
VINE20W_DFN-134		0.012	0.036	8.03	2.96	1.35	<0.001	<0.002	43.8	0.001	0.91	0.11	1.67	0.175	0.09	614
VINE20W_DFN-135		0.021	0.101	20.8	4.10	2.86	<0.001	<0.002	62.9	0.001	1.27	0.18	0.86	0.204	0.18	319
VINE20W_DFN-136		0.021	0.059	6.90	4.03	1.65	<0.001	<0.002	48.8	0.001	0.91	0.15	1.63	0.297	0.14	606
VINE20W_DFN-137		0.013	0.042	5.46	4.44	1.98	<0.001	<0.002	71.6	0.001	1.02	0.17	1.48	0.339	0.17	1045
VINE20W_DFN-138		0.006	0.022	0.83	1.875	0.80	<0.001	<0.002	25.5	0.002	0.55	0.07	1.71	0.478	0.07	1840
VINE20W_DFN-139		0.017	0.054	5.24	3.10	2.80	<0.001	<0.002	10.90	0.002	0.78	0.24	1.87	1.165	0.18	875
VINE20W_DFN-140A		0.010	0.035	14.20	3.69	1.51	<0.001	<0.002	25.5	0.002	1.60	0.11	1.39	0.373	0.11	627
VINE20W_DFN-140B		0.016	0.053	6.89	3.85	2.42	<0.001	<0.002	33.6	0.002	1.23	0.15	1.64	0.318	0.15	747
VINE20W_DFN-140C		0.123	0.409	57.0	3.74	55.1	<0.001	0.002	235	0.004	1.57	0.41	1.88	0.984	0.93	775
VINE20W_DFN-141		0.007	0.025	9.80	3.38	0.94	<0.001	<0.002	13.45	0.002	0.93	0.10	1.48	0.132	0.10	778
VINE20W_DFN-142		0.014	0.041	15.15	3.63	1.78	<0.001	<0.002	67.8	0.001	1.43	0.13	1.84	0.303	0.11	1355
VINE20W_DFN-143		0.019	0.050	5.25	2.88	3.40	<0.001	<0.002	34.2	0.002	1.14	0.15	1.54	0.376	0.14	1480
VINE20W_DFN-144		0.017	0.037	4.63	3.06	1.95	<0.001	<0.002	48.4	0.002	0.66	0.15	1.56	0.195	0.17	1200
VINE20W_DFN-145		0.014	0.026	4.84	3.28	1.18	<0.001	<0.002	31.9	0.002	0.98	0.11	1.24	0.225	0.13	652

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 22-MAY-2020
Account: PJXRES

Project: Vine West

CERTIFICATE OF ANALYSIS VA20089273

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Ta ppm 0.001	ME-VEG41a Te ppm 0.02	ME-VEG41a Th ppm 0.002	ME-VEG41a Ti % 0.001	ME-VEG41a Tl ppm 0.002	ME-VEG41a U ppm 0.005	ME-VEG41a V ppm 0.05	ME-VEG41a W ppm 0.01	ME-VEG41a Y ppm 0.003	ME-VEG41a Zn ppm 0.1	ME-VEG41a Zr ppm 0.02
VINE20W_DFN-110		<0.001	<0.02	0.078	0.003	0.090	0.031	1.24	0.15	0.544	499	0.71
VINE20W_DFN-111		<0.001	<0.02	0.151	0.005	0.043	0.056	1.97	0.15	1.030	717	1.24
VINE20W_DFN-112		<0.001	<0.02	0.116	0.004	0.045	0.034	2.04	0.13	0.943	424	1.04
VINE20W_DFN-113		<0.001	0.05	0.050	0.002	0.065	0.065	0.81	0.08	1.720	485	0.54
VINE20W_DFN-114		<0.001	<0.02	0.174	0.005	0.109	0.052	2.44	0.37	1.340	536	0.98
VINE20W_DFN-115		<0.001	<0.02	0.100	0.003	0.092	0.029	1.48	0.17	2.88	659	0.87
VINE20W_DFN-116		<0.001	<0.02	0.150	0.005	0.030	0.036	2.35	0.19	1.630	520	0.93
VINE20W_DFN-117		<0.001	<0.02	0.082	0.003	0.018	0.030	1.39	0.09	0.748	550	0.58
VINE20W_DFN-118		<0.001	<0.02	0.154	0.006	0.013	0.034	2.25	0.13	0.587	693	0.95
VINE20W_DFN-119		<0.001	<0.02	0.108	0.004	0.036	0.056	2.02	0.12	1.765	1050	0.78
VINE20W_DFN-120A		<0.001	<0.02	0.110	0.004	0.042	0.031	1.93	0.16	1.745	1345	0.95
VINE20W_DFN-120B		<0.001	<0.02	0.176	0.006	0.089	0.051	3.00	0.20	3.16	1315	1.17
VINE20W_DFN-120C		0.012	<0.02	0.656	0.015	0.392	0.197	12.45	0.60	1.565	1430	2.16
VINE20W_DFN-121		<0.001	<0.02	0.133	0.004	0.057	0.026	2.09	0.15	0.618	709	0.90
VINE20W_DFN-122		<0.001	<0.02	0.105	0.004	0.069	0.045	2.10	0.14	2.30	988	0.60
VINE20W_DFN-123		<0.001	<0.02	0.123	0.005	0.086	0.034	2.37	0.19	0.600	867	0.99
VINE20W_DFN-124		<0.001	<0.02	0.105	0.004	0.070	0.027	1.57	0.13	0.829	331	0.83
VINE20W_DFN-125		<0.001	<0.02	0.055	0.002	0.018	0.047	0.76	0.08	0.218	417	0.36
VINE20W_DFN-126		<0.001	<0.02	0.243	0.005	0.032	0.043	2.52	0.52	3.09	509	0.73
VINE20W_DFN-127		<0.001	<0.02	0.096	0.003	0.003	0.018	1.59	0.18	0.983	527	0.49
VINE20W_DFN-128		<0.001	<0.02	0.129	0.004	0.022	0.041	1.92	0.16	0.949	740	0.62
VINE20W_DFN-129		<0.001	<0.02	0.152	0.005	0.006	0.036	2.28	0.17	1.635	737	0.85
VINE20W_DFN-130		<0.001	<0.02	0.134	0.004	0.028	0.038	2.02	0.12	1.200	851	0.77
VINE20W_DFN-131		<0.001	<0.02	0.107	0.004	0.038	0.050	1.93	0.12	0.702	509	0.77
VINE20W_DFN-132		<0.001	<0.02	0.105	0.003	0.018	0.032	1.71	0.13	0.554	594	0.65
VINE20W_DFN-133		<0.001	<0.02	0.259	0.009	0.020	0.058	4.10	0.23	1.190	771	0.80
VINE20W_DFN-134		<0.001	<0.02	0.108	0.004	0.025	0.028	1.76	0.10	1.230	448	0.76
VINE20W_DFN-135		<0.001	<0.02	0.176	0.006	0.025	0.050	3.12	0.14	1.630	856	0.96
VINE20W_DFN-136		<0.001	<0.02	0.135	0.004	0.028	0.030	2.22	0.16	0.896	801	0.82
VINE20W_DFN-137		<0.001	<0.02	0.141	0.005	0.092	0.030	2.39	0.19	0.660	1030	0.86
VINE20W_DFN-138		<0.001	<0.02	0.061	0.002	0.082	0.020	0.99	0.07	0.161	103.5	0.42
VINE20W_DFN-139		<0.001	<0.02	0.276	0.006	0.085	0.072	3.17	0.40	1.865	550	1.02
VINE20W_DFN-140A		<0.001	<0.02	0.106	0.003	0.007	0.029	1.58	0.19	0.356	646	0.63
VINE20W_DFN-140B		<0.001	<0.02	0.173	0.005	0.012	0.039	2.32	0.32	0.534	540	0.84
VINE20W_DFN-140C		0.010	0.03	0.663	0.015	0.336	0.180	11.85	0.50	1.465	1370	2.27
VINE20W_DFN-141		<0.001	<0.02	0.085	0.002	0.018	0.024	1.23	0.11	0.973	506	0.45
VINE20W_DFN-142		<0.001	0.03	0.108	0.004	0.005	0.025	1.70	0.12	1.025	591	0.65
VINE20W_DFN-143		<0.001	<0.02	0.153	0.005	0.074	0.045	2.35	0.16	1.210	867	0.93
VINE20W_DFN-144		<0.001	<0.02	0.162	0.005	0.162	0.038	2.47	0.14	0.915	837	1.06
VINE20W_DFN-145		<0.001	<0.02	0.118	0.003	0.098	0.038	1.64	0.08	0.492	722	0.71

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 22-MAY-2020
Account: PJXRES

Project: Vine West

CERTIFICATE OF ANALYSIS VA20089273

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	VEG-ASH01 WT. SAMP g 0.01	VEG-ASH01 WT. ASH g 0.01	ME-VEG41a Au ppm 0.0002	ME-VEG41a Ag ppm 0.001	ME-VEG41a Al % 0.01	ME-VEG41a As ppm 0.01	ME-VEG41a B ppm 1	ME-VEG41a Ba ppm 0.1	ME-VEG41a Be ppm 0.01	ME-VEG41a Bi ppm 0.001	ME-VEG41a Ca % 0.01	ME-VEG41a Cd ppm 0.001	ME-VEG41a Ce ppm 0.003	ME-VEG41a Co ppm 0.002
VINE20W_DFN-146		0.04	28.7	0.92	0.0004	0.284	0.06	1.89	508	877	0.01	0.014	12.30	0.314	0.447	0.485
VINE20W_DFN-147		0.04	29.3	1.19	0.0005	0.034	0.23	0.76	527	1790	0.11	0.015	24.6	3.23	1.665	1.590
VINE20W_DFN-148		0.06	29.2	1.43	<0.0002	0.397	0.15	16.10	485	861	0.03	0.017	16.60	1.330	0.835	1.325
VINE20W_DFN-149		0.04	29.2	1.31	0.0149	0.348	0.16	4.88	590	865	0.05	0.029	15.55	0.817	1.790	3.04
VINE20W_DFN-150		0.06	29.6	0.90	<0.0002	0.649	0.20	10.80	947	891	0.10	0.018	16.35	2.33	2.07	4.46
VINE20W_DFN-151		0.06	29.9	1.23	<0.0002	0.385	0.14	50.8	234	779	0.04	0.021	19.25	0.748	2.02	5.27
VINE20W_DFN-152		0.04	30.4	1.95	0.0003	0.748	0.15	25.7	105	557	0.04	0.022	21.3	0.562	3.49	4.01
VINE20W_DFN-153		0.04	28.1	1.02	0.0002	0.133	0.39	32.0	135	1400	0.06	0.032	20.1	0.656	3.06	4.31
VINE20W_DFN-154		0.06	29.9	1.05	0.0003	0.157	0.19	133.0	449	1250	0.03	0.021	18.70	1.365	1.235	2.47
VINE20W_DFN-155		0.06	29.5	1.00	<0.0002	0.486	0.21	30.3	126	695	0.05	0.023	21.0	3.08	2.54	3.90
VINE20W_DFN-156		0.04	28.8	2.07	0.0002	0.740	0.14	1.65	407	666	0.03	0.020	21.4	0.742	1.100	0.761
VINE20W_DFN-157		0.04	28.8	1.75	<0.0002	0.956	0.18	2.09	509	715	0.02	0.016	19.00	1.325	0.763	0.947
VINE20W_DFN-158		0.04	30.5	1.20	0.0006	0.075	0.32	1.05	453	2200	0.02	0.016	22.0	2.98	0.763	1.525
VINE20W_DFN-159		0.06	29.6	0.98	0.0003	0.194	0.13	9.71	238	357	0.02	0.016	18.05	0.146	0.778	0.558
VINE20W_DFN-160A		0.06	29.8	1.22	0.0006	0.071	0.49	1.64	433	2020	0.09	0.025	20.9	0.940	1.315	2.63
VINE20W_DFN-160B		0.06	29.2	1.01	0.0004	0.085	0.37	1.65	355	687	0.09	0.040	21.0	3.24	1.760	2.89
VINE20W_DFN-160C		<0.02			0.0029	0.143	0.97	5.93	432	860	0.29	0.135	18.50	2.33	6.19	2.78
VINE20W_DFN-161		0.04	28.8	1.07	0.0002	0.470	0.25	2.55	671	344	0.05	0.025	14.50	0.756	2.27	2.62
VINE20W_DFN-162		0.06	28.5	0.84	0.0004	0.487	0.44	20.9	851	1070	0.14	0.027	17.45	0.678	2.22	6.14
VINE20W_DFN-163		0.04	28.4	1.40	0.0002	0.725	0.16	75.5	362	402	0.05	0.019	20.2	1.150	1.740	2.87
VINE20W_DFN-164		0.04	29.0	1.08	<0.0002	0.504	0.12	111.0	284	834	0.06	0.017	16.40	1.770	2.53	3.68
VINE20W_DFN-165		0.04	28.8	1.59	<0.0002	0.161	0.16	10.25	234	1090	0.04	0.020	19.00	0.717	2.16	2.65
VINE20W_DFN-166		0.04	26.9	1.30	0.0002	0.304	0.15	50.5	239	964	0.04	0.015	17.45	2.26	1.285	2.60
VINE20W_DFN-167		0.04	28.7	1.42	0.0003	0.497	0.14	35.3	353	534	0.03	0.018	20.6	1.235	0.928	0.808
VINE20W_DFN-168		0.04	27.0	1.60	<0.0002	0.356	0.16	25.3	702	690	0.04	0.015	18.05	1.040	1.305	2.10
VINE20W_DFN-169		0.06	28.8	1.08	0.0004	0.344	0.35	28.6	597	1405	0.06	0.018	14.40	1.005	1.180	2.66
VINE20W_DFN-170		0.04	28.4	0.78	0.0008	0.058	0.32	1.42	342	1525	0.12	0.027	21.3	0.714	1.535	2.41
VINE20W_DFN-171		0.06	28.2	1.04	0.0002	0.227	0.10	22.6	469	344	0.01	0.013	16.85	0.702	0.680	3.14
VINE20W_DFN-172		0.06	29.5	1.76	<0.0002	0.191	0.20	1.21	316	647	0.02	0.015	19.30	0.761	0.770	1.945
VINE20W_DFN-173		0.06	30.8	1.53	0.0003	0.331	0.23	85.6	342	469	0.05	0.016	15.20	0.457	1.045	1.675
VINE20W_DFN-174		0.04	28.9	1.15	<0.0002	0.329	0.19	24.4	246	975	0.05	0.023	20.1	0.961	2.60	2.94
VINE20W_DFN-175		0.04	27.3	0.94	<0.0002	0.271	0.21	38.1	488	372	0.05	0.022	15.00	0.677	2.11	2.44
VINE20W_DFN-176		0.04	25.1	1.21	0.0003	0.401	0.18	7.25	558	694	0.02	0.011	21.3	1.155	0.706	1.630
VINE20W_DFN-177		0.04	23.3	0.98	0.0003	0.044	0.30	0.88	542	1285	0.03	0.020	24.1	1.950	1.295	0.827
VINE20W_DFN-178		0.06	28.3	0.78	0.0004	0.086	0.44	1.01	445	1835	0.14	0.030	24.3	0.890	2.19	1.715
VINE20W_DFN-179		0.06	30.3	1.00	<0.0002	0.294	0.08	0.99	405	639	0.01	0.008	19.45	0.874	0.414	0.576
VINE20W_DFN-180A		0.06	12.00	0.38	0.0006	0.324	0.09	1.20	457	381	0.02	0.009	21.3	1.105	0.482	0.703
VINE20W_DFN-180B		0.04	26.3	0.85	0.0004	0.042	0.18	0.48	737	741	0.03	0.013	21.1	0.961	0.624	0.758
VINE20W_DFN-180C		<0.02			0.0034	0.136	0.94	5.52	433	846	0.32	0.122	17.85	2.44	5.53	2.55
VINE20W_DFN-181		0.04	28.2	1.51	<0.0002	0.171	0.09	0.78	252	772	0.03	0.015	16.65	0.340	0.714	0.829

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 22-MAY-2020
Account: PJXRES

Project: Vine West

CERTIFICATE OF ANALYSIS VA20089273

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Cr ppm 0.01	ME-VEG41a Cs ppm 0.005	ME-VEG41a Cu ppm 0.01	ME-VEG41a Fe ppm 1	ME-VEG41a Ga ppm 0.004	ME-VEG41a Ge ppm 0.005	ME-VEG41a Hf ppm 0.002	ME-VEG41a Hg ppm 0.001	ME-VEG41a In ppm 0.005	ME-VEG41a K % 0.01	ME-VEG41a La ppm 0.002	ME-VEG41a Li ppm 0.1	ME-VEG41a Mg % 0.001	ME-VEG41a Mn ppm 0.1	ME-VEG41a Mo ppm 0.01
VINE20W_DFN-146		1.92	0.121	97.0	1200	0.118	0.005	0.017	<0.001	<0.005	>10.0	0.280	0.6	2.52	2300	0.45
VINE20W_DFN-147		1.87	0.224	45.3	1400	0.302	0.006	0.023	0.004	<0.005	>10.0	1.490	0.9	1.820	15650	0.36
VINE20W_DFN-148		0.99	0.097	38.6	1000	0.193	0.005	0.020	<0.001	<0.005	>10.0	0.807	0.9	1.830	5270	0.42
VINE20W_DFN-149		3.02	0.135	33.3	1600	0.333	0.007	0.031	<0.001	<0.005	8.41	1.300	1.5	3.06	11100	0.50
VINE20W_DFN-150		1.87	0.111	60.1	1200	0.267	<0.005	0.022	<0.001	<0.005	>10.0	1.890	0.7	3.13	18650	0.42
VINE20W_DFN-151		2.06	0.154	48.2	1300	0.268	0.006	0.019	<0.001	<0.005	>10.0	1.415	6.0	3.29	9390	0.83
VINE20W_DFN-152		1.91	0.130	20.1	1200	0.272	0.006	0.022	<0.001	<0.005	6.39	2.86	1.0	1.090	12300	0.47
VINE20W_DFN-153		3.34	0.292	49.7	2200	0.490	0.007	0.031	0.001	<0.005	>10.0	2.63	2.6	1.550	16650	0.36
VINE20W_DFN-154		1.50	0.154	48.6	1400	0.254	0.006	0.023	<0.001	<0.005	>10.0	0.932	0.9	2.74	7320	2.16
VINE20W_DFN-155		2.01	0.239	56.0	1400	0.269	0.006	0.027	<0.001	<0.005	>10.0	1.960	0.8	2.83	10900	0.65
VINE20W_DFN-156		1.63	0.093	17.50	1100	0.208	0.006	0.021	<0.001	0.005	5.65	1.265	0.6	1.890	10500	0.28
VINE20W_DFN-157		1.19	0.092	18.45	924	0.221	0.005	0.020	<0.001	<0.005	8.46	0.659	0.5	2.84	18750	0.33
VINE20W_DFN-158		1.06	0.560	50.9	956	0.309	<0.005	0.015	<0.001	<0.005	>10.0	0.371	0.5	1.680	>50000	1.53
VINE20W_DFN-159		1.10	0.110	60.8	1300	0.189	0.005	0.026	<0.001	<0.005	>10.0	0.423	2.2	3.18	2420	1.05
VINE20W_DFN-160A		1.96	0.910	36.7	1500	0.360	0.006	0.020	<0.001	0.008	>10.0	0.727	1.0	2.41	23000	0.56
VINE20W_DFN-160B		2.02	1.495	60.0	2200	0.473	0.007	0.019	<0.001	0.005	>10.0	0.995	1.4	1.800	23800	1.40
VINE20W_DFN-160C		9.15	3.84	95.1	4400	1.010	0.019	0.056	0.021	0.010	>10.0	3.14	4.0	2.31	30800	1.01
VINE20W_DFN-161		1.58	0.149	55.3	1300	0.242	<0.005	0.018	<0.001	0.006	>10.0	1.450	0.7	2.75	13350	0.73
VINE20W_DFN-162		1.60	0.146	58.9	1600	0.327	0.008	0.029	<0.001	<0.005	>10.0	1.975	1.0	3.33	15800	0.41
VINE20W_DFN-163		2.20	0.166	34.3	1500	0.300	0.006	0.022	<0.001	<0.005	9.50	1.095	1.5	1.710	8890	1.05
VINE20W_DFN-164		1.79	0.112	42.1	1100	0.187	<0.005	0.020	<0.001	<0.005	>10.0	2.43	1.7	2.49	11300	0.39
VINE20W_DFN-165		2.95	0.174	38.9	1600	0.297	0.005	0.022	<0.001	<0.005	>10.0	1.750	2.1	2.34	8870	0.65
VINE20W_DFN-166		4.20	0.092	34.1	1000	0.162	<0.005	0.022	0.001	<0.005	>10.0	1.355	0.9	1.880	8970	0.72
VINE20W_DFN-167		1.76	0.089	40.7	1000	0.186	0.005	0.015	<0.001	<0.005	8.38	1.260	1.6	2.60	15150	0.83
VINE20W_DFN-168		1.42	0.115	30.5	1100	0.202	0.005	0.021	<0.001	<0.005	6.60	1.065	2.0	3.18	11000	0.75
VINE20W_DFN-169		3.39	0.204	84.6	1500	0.331	0.006	0.028	<0.001	<0.005	>10.0	0.760	1.3	3.02	9190	0.33
VINE20W_DFN-170		8.67	2.00	79.4	1400	0.204	0.008	0.015	<0.001	<0.005	>10.0	1.065	0.9	3.45	8470	0.74
VINE20W_DFN-171		1.06	0.122	52.7	1000	0.159	<0.005	0.015	<0.001	<0.005	>10.0	0.397	2.0	4.27	13200	1.33
VINE20W_DFN-172		2.09	0.061	22.1	905	0.174	<0.005	0.015	<0.001	0.006	7.52	0.969	1.3	2.30	13850	0.24
VINE20W_DFN-173		2.67	0.121	35.2	1100	0.215	<0.005	0.024	<0.001	0.005	>10.0	0.978	0.8	2.08	10300	0.79
VINE20W_DFN-174		2.30	0.189	50.2	1800	0.333	0.008	0.025	<0.001	<0.005	>10.0	2.53	3.2	2.43	9660	0.96
VINE20W_DFN-175		2.59	0.171	46.8	1300	0.239	<0.005	0.022	<0.001	0.007	>10.0	2.56	1.1	2.96	13750	0.98
VINE20W_DFN-176		2.52	0.190	41.3	977	0.141	<0.005	0.025	<0.001	<0.005	9.05	0.840	0.5	3.20	10000	0.42
VINE20W_DFN-177		2.68	0.181	50.4	1200	0.229	0.005	0.018	<0.001	0.006	>10.0	1.485	0.9	2.41	18800	0.71
VINE20W_DFN-178		1.98	0.179	68.8	1500	0.311	<0.005	0.017	<0.001	<0.005	>10.0	1.170	1.0	2.46	23100	0.64
VINE20W_DFN-179		0.68	0.071	59.8	861	0.087	<0.005	0.012	<0.001	0.005	>10.0	0.291	0.4	2.66	2740	0.61
VINE20W_DFN-180A		6.93	0.115	64.8	900	0.108	0.005	0.017	<0.001	<0.005	>10.0	0.337	0.4	2.95	2950	0.69
VINE20W_DFN-180B		3.24	0.102	66.3	938	0.142	<0.005	0.015	<0.001	<0.005	>10.0	0.368	0.5	2.01	11550	0.62
VINE20W_DFN-180C		10.25	3.47	93.7	4300	0.833	0.019	0.051	0.016	0.018	>10.0	2.83	4.4	2.27	29800	0.83
VINE20W_DFN-181		2.33	0.143	25.2	1100	0.183	0.005	0.025	0.001	<0.005	7.83	0.382	6.4	4.09	3520	0.45

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 22-MAY-2020
Account: PJXRES

Project: Vine West

CERTIFICATE OF ANALYSIS VA20089273

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Na % 0.001	ME-VEG41a Nb ppm 0.002	ME-VEG41a Ni ppm 0.04	ME-VEG41a P % 0.001	ME-VEG41a Pb ppm 0.01	ME-VEG41a Pd ppm 0.001	ME-VEG41a Pt ppm 0.002	ME-VEG41a Rb ppm 0.01	ME-VEG41a Re ppm 0.001	ME-VEG41a S % 0.01	ME-VEG41a Sb ppm 0.01	ME-VEG41a Sc ppm 0.01	ME-VEG41a Se ppm 0.005	ME-VEG41a Sn ppm 0.01	ME-VEG41a Sr ppm 0.02
VINE20W_DFN-146		0.010	0.026	1.39	3.28	1.61	<0.001	<0.002	52.6	0.002	1.24	0.10	1.90	0.099	0.27	504
VINE20W_DFN-147		0.020	0.073	8.98	3.60	2.29	<0.001	<0.002	48.7	0.004	0.67	0.14	0.74	0.142	0.13	866
VINE20W_DFN-148		0.011	0.026	7.78	2.61	2.15	<0.001	<0.002	21.5	0.004	0.85	0.09	1.23	0.098	0.12	1050
VINE20W_DFN-149		0.020	0.046	8.61	2.80	2.38	<0.001	<0.002	13.35	0.004	0.80	0.16	1.52	0.114	0.20	1045
VINE20W_DFN-150		0.012	0.052	5.11	4.30	1.88	<0.001	<0.002	31.8	0.001	0.98	0.14	1.53	0.130	0.12	949
VINE20W_DFN-151		0.017	0.059	13.60	3.90	2.34	<0.001	<0.002	20.8	0.012	1.17	0.23	1.41	0.193	0.22	888
VINE20W_DFN-152		0.014	0.025	4.49	2.40	2.47	<0.001	<0.002	7.29	0.003	0.91	0.13	1.50	0.343	0.12	821
VINE20W_DFN-153		0.033	0.065	5.40	2.70	3.43	<0.001	<0.002	36.9	0.005	0.88	0.24	1.42	0.242	0.24	587
VINE20W_DFN-154		0.014	0.053	10.30	4.06	2.13	<0.001	<0.002	36.0	0.003	0.95	0.15	1.40	0.232	0.15	712
VINE20W_DFN-155		0.017	0.042	6.77	3.36	2.27	<0.001	<0.002	56.6	0.002	1.51	0.15	1.31	0.256	0.17	803
VINE20W_DFN-156		0.015	0.024	1.85	2.18	1.64	<0.001	<0.002	7.88	0.001	0.74	0.10	1.66	0.253	0.12	1125
VINE20W_DFN-157		0.014	0.027	2.43	4.01	1.09	<0.001	<0.002	10.90	0.001	0.91	0.08	1.78	0.206	0.13	1360
VINE20W_DFN-158		0.012	0.053	5.30	3.55	1.64	<0.001	<0.002	58.0	0.003	0.72	0.12	0.61	0.089	0.13	368
VINE20W_DFN-159		0.025	0.043	1.54	2.25	1.48	<0.001	<0.002	19.65	0.003	1.80	0.15	1.36	0.124	0.16	493
VINE20W_DFN-160A		0.021	0.083	7.62	3.37	2.44	<0.001	<0.002	84.0	0.002	0.89	0.15	0.68	0.114	0.17	412
VINE20W_DFN-160B		0.025	0.111	14.30	4.11	2.93	<0.001	<0.002	131.5	0.001	1.03	0.24	0.83	0.178	0.21	439
VINE20W_DFN-160C		0.127	0.432	56.5	3.77	54.4	<0.001	0.002	238	0.004	1.54	0.36	1.83	1.015	1.00	782
VINE20W_DFN-161		0.014	0.055	6.96	3.48	2.04	<0.001	<0.002	28.6	0.001	1.36	0.20	0.99	0.171	0.18	606
VINE20W_DFN-162		0.021	0.066	9.37	4.07	2.22	<0.001	<0.002	34.3	0.001	1.26	0.17	1.37	0.171	0.21	952
VINE20W_DFN-163		0.027	0.049	7.34	2.60	2.55	<0.001	<0.002	18.00	0.006	1.21	0.17	1.47	0.209	0.14	928
VINE20W_DFN-164		0.010	0.022	6.27	2.91	1.61	0.003	<0.002	32.1	0.002	0.86	0.13	1.17	0.199	0.17	1100
VINE20W_DFN-165		0.014	0.070	10.15	2.90	2.49	0.003	<0.002	17.40	0.001	0.64	0.14	1.25	0.086	0.24	767
VINE20W_DFN-166		0.008	0.028	8.79	3.51	1.41	0.002	<0.002	23.9	0.003	0.89	0.11	1.24	0.113	0.12	797
VINE20W_DFN-167		0.008	0.031	5.65	2.64	1.38	<0.001	<0.002	13.50	0.004	1.06	0.16	1.55	0.151	0.18	1270
VINE20W_DFN-168		0.009	0.039	8.00	2.16	1.13	0.002	<0.002	14.90	0.003	1.02	0.08	1.89	0.071	0.12	562
VINE20W_DFN-169		0.012	0.084	14.55	3.75	1.88	0.002	<0.002	53.2	0.002	1.16	0.14	1.60	0.212	0.17	629
VINE20W_DFN-170		0.013	0.059	16.90	4.49	2.47	0.001	<0.002	166.0	0.004	1.20	0.18	0.65	0.138	0.33	522
VINE20W_DFN-171		0.008	0.042	7.29	4.23	1.16	0.001	<0.002	33.5	0.002	1.69	0.12	1.18	0.127	0.12	966
VINE20W_DFN-172		0.011	0.017	2.82	1.940	0.98	0.001	<0.002	8.46	0.001	0.79	0.10	1.41	0.146	0.09	750
VINE20W_DFN-173		0.012	0.026	5.59	3.34	1.19	<0.001	<0.002	18.65	0.002	1.24	0.11	1.36	0.154	0.13	680
VINE20W_DFN-174		0.034	0.066	5.70	2.90	2.88	0.002	<0.002	11.70	0.008	1.10	0.17	1.63	0.233	0.19	1010
VINE20W_DFN-175		0.016	0.044	21.9	3.60	1.60	<0.001	<0.002	24.1	0.008	1.48	0.12	1.42	0.207	0.16	927
VINE20W_DFN-176		0.008	0.018	9.45	2.58	1.25	0.002	<0.002	29.9	0.001	0.79	0.07	1.49	0.161	0.11	1020
VINE20W_DFN-177		0.021	0.075	7.71	3.90	2.42	0.001	<0.002	37.8	0.001	0.69	0.12	0.68	0.119	0.14	832
VINE20W_DFN-178		0.023	0.100	8.80	4.38	2.17	0.001	<0.002	38.6	0.001	0.92	0.18	0.83	0.166	0.20	712
VINE20W_DFN-179		0.007	0.031	2.28	3.39	1.10	0.002	<0.002	36.0	<0.001	1.07	0.10	1.77	0.118	0.10	1070
VINE20W_DFN-180A		0.009	0.032	2.86	3.75	1.52	0.006	<0.002	36.2	0.001	1.54	0.11	1.88	0.294	0.14	1160
VINE20W_DFN-180B		0.015	0.057	4.66	4.29	1.32	<0.001	<0.002	52.3	0.001	0.96	0.13	0.51	0.081	0.49	503
VINE20W_DFN-180C		0.117	0.381	53.9	3.48	49.9	0.008	0.002	224	0.003	1.48	0.37	1.82	0.837	0.97	752
VINE20W_DFN-181		0.021	0.016	0.98	1.390	1.21	0.004	<0.002	12.70	0.006	0.78	0.06	1.23	0.178	0.11	633

***** See Appendix Page for comments regarding this certificate *****

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To: PJX RESOURCES
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 22-MAY-2020
Account: PJXRES

Project: Vine West

CERTIFICATE OF ANALYSIS VA20089273

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Ta ppm 0.001	ME-VEG41a Te ppm 0.02	ME-VEG41a Th ppm 0.002	ME-VEG41a Ti % 0.001	ME-VEG41a Tl ppm 0.002	ME-VEG41a U ppm 0.005	ME-VEG41a V ppm 0.05	ME-VEG41a W ppm 0.01	ME-VEG41a Y ppm 0.003	ME-VEG41a Zn ppm 0.1	ME-VEG41a Zr ppm 0.02
VINE20W_DFN-146		<0.001	<0.02	0.067	0.002	0.030	0.013	1.09	0.13	0.237	977	0.94
VINE20W_DFN-147		<0.001	<0.02	0.156	0.005	0.029	0.042	2.29	0.13	1.595	1300	0.80
VINE20W_DFN-148		<0.001	<0.02	0.100	0.003	0.040	0.027	1.65	0.08	0.785	538	0.70
VINE20W_DFN-149		<0.001	<0.02	0.164	0.006	0.052	0.048	2.63	0.12	1.895	576	1.33
VINE20W_DFN-150		<0.001	<0.02	0.112	0.004	0.060	0.031	1.90	0.11	2.19	767	0.90
VINE20W_DFN-151		<0.001	<0.02	0.176	0.004	0.028	0.042	2.19	0.28	1.655	466	0.80
VINE20W_DFN-152		<0.001	<0.02	0.163	0.004	0.114	0.042	2.03	0.21	2.31	636	0.77
VINE20W_DFN-153		<0.001	<0.02	0.283	0.008	0.087	0.056	3.54	0.29	2.83	618	1.26
VINE20W_DFN-154		<0.001	<0.02	0.165	0.004	0.044	0.041	2.19	0.19	0.727	679	0.82
VINE20W_DFN-155		<0.001	<0.02	0.131	0.004	0.087	0.031	2.04	0.15	1.995	844	0.88
VINE20W_DFN-156		<0.001	<0.02	0.105	0.003	0.184	0.030	1.54	0.07	1.125	878	0.96
VINE20W_DFN-157		<0.001	<0.02	0.080	0.003	0.093	0.026	1.10	0.07	0.414	1025	0.57
VINE20W_DFN-158		<0.001	<0.02	0.086	0.003	0.089	0.069	1.31	0.09	0.282	1145	0.65
VINE20W_DFN-159		<0.001	<0.02	0.113	0.004	0.031	0.028	1.70	0.17	0.309	515	0.79
VINE20W_DFN-160A		<0.001	<0.02	0.164	0.005	0.058	0.046	2.31	0.12	0.621	895	0.80
VINE20W_DFN-160B		<0.001	<0.02	0.238	0.008	0.180	0.054	3.69	0.16	0.852	1120	0.79
VINE20W_DFN-160C		0.012	<0.02	0.685	0.015	0.338	0.190	11.70	0.53	1.560	1390	2.12
VINE20W_DFN-161		<0.001	0.03	0.116	0.004	0.055	0.030	1.88	0.12	1.615	655	0.91
VINE20W_DFN-162		<0.001	<0.02	0.158	0.005	0.097	0.037	2.24	0.16	3.18	800	0.97
VINE20W_DFN-163		<0.001	<0.02	0.200	0.005	0.050	0.037	2.43	0.26	1.030	758	0.95
VINE20W_DFN-164		<0.001	0.06	0.115	0.003	0.088	0.039	1.70	0.24	2.06	553	0.75
VINE20W_DFN-165		<0.001	<0.02	0.178	0.006	0.044	0.037	2.78	0.22	1.740	502	1.00
VINE20W_DFN-166		<0.001	<0.02	0.103	0.003	0.067	0.025	1.53	0.15	1.070	714	0.92
VINE20W_DFN-167		<0.001	<0.02	0.093	0.003	0.061	0.032	1.49	0.12	0.774	525	0.65
VINE20W_DFN-168		<0.001	<0.02	0.120	0.004	0.078	0.096	1.71	0.13	0.929	438	0.75
VINE20W_DFN-169		<0.001	0.03	0.188	0.005	0.070	0.053	1.81	0.08	0.421	821	1.08
VINE20W_DFN-170		<0.001	<0.02	0.116	0.004	0.558	0.046	1.69	0.14	0.988	1145	0.53
VINE20W_DFN-171		<0.001	<0.02	0.080	0.003	0.039	0.051	1.38	0.10	0.251	538	0.63
VINE20W_DFN-172		<0.001	<0.02	0.092	0.003	0.048	0.019	1.23	0.10	0.819	796	0.76
VINE20W_DFN-173		<0.001	0.03	0.105	0.004	0.010	0.030	1.85	0.09	1.050	651	0.91
VINE20W_DFN-174		<0.001	<0.02	0.215	0.006	0.031	0.066	3.04	0.28	3.14	591	1.00
VINE20W_DFN-175		<0.001	0.03	0.122	0.004	0.016	0.035	2.14	0.16	3.10	543	0.79
VINE20W_DFN-176		<0.001	<0.02	0.075	0.002	0.021	0.021	1.25	0.08	0.760	473	0.72
VINE20W_DFN-177		<0.001	<0.02	0.127	0.004	0.010	0.032	1.89	0.15	1.305	1205	0.72
VINE20W_DFN-178		<0.001	<0.02	0.152	0.005	0.022	0.039	2.50	0.24	0.908	1100	0.65
VINE20W_DFN-179		<0.001	<0.02	0.053	0.002	0.020	0.015	0.96	0.08	0.209	552	0.38
VINE20W_DFN-180A		<0.001	<0.02	0.058	0.002	0.005	0.017	1.08	0.10	0.240	602	0.52
VINE20W_DFN-180B		<0.001	<0.02	0.069	0.002	0.008	0.015	1.19	0.10	0.268	1150	0.80
VINE20W_DFN-180C		0.010	<0.02	0.595	0.014	0.342	0.171	10.80	0.56	1.390	1380	2.04
VINE20W_DFN-181		<0.001	<0.02	0.116	0.004	0.051	0.235	1.72	0.10	0.287	369	0.87

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 22-MAY-2020
Account: PJXRES

Project: Vine West

CERTIFICATE OF ANALYSIS VA20089273

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	VEG-ASH01 WT. SAMP g 0.01	VEG-ASH01 WT. ASH g 0.01	ME-VEG41a Au ppm 0.0002	ME-VEG41a Ag ppm 0.001	ME-VEG41a Al % 0.01	ME-VEG41a As ppm 0.01	ME-VEG41a B ppm 1	ME-VEG41a Ba ppm 0.1	ME-VEG41a Be ppm 0.01	ME-VEG41a Bi ppm 0.001	ME-VEG41a Ca % 0.01	ME-VEG41a Cd ppm 0.001	ME-VEG41a Ce ppm 0.003	ME-VEG41a Co ppm 0.002
VINE20W_DFN-182		0.06	31.7	1.21	0.0002	0.055	0.38	0.90	418	2160	0.06	0.014	25.3	0.817	1.370	1.325
VINE20W_DFN-183		0.06	25.8	1.02	0.0005	0.234	0.32	22.4	207	1120	0.09	0.035	19.75	1.410	2.99	3.02
VINE20W_DFN-184		0.06	28.1	1.37	0.0002	0.343	0.17	9.53	560	1965	0.02	0.019	23.1	0.964	1.785	1.460
VINE20W_DFN-185		0.04	26.2	1.18	0.0028	0.046	0.17	1.37	361	2410	0.04	0.011	29.2	0.855	0.964	0.789
VINE20W_DFN-186		0.04	27.6	1.38	0.0017	0.028	0.08	0.63	398	3400	0.04	0.011	30.4	0.839	0.642	0.495
VINE20W_DFN-187		0.04	28.3	1.79	<0.0002	0.455	0.13	1.86	512	2700	0.04	0.009	23.5	0.560	0.668	1.025
VINE20W_DFN-188		0.04	27.5	0.95	<0.0002	0.376	0.25	1.90	639	951	0.05	0.015	18.85	1.925	1.345	2.29
VINE20W_DFN-189		0.06	31.8	1.61	<0.0002	0.324	0.18	3.59	328	1410	0.03	0.008	19.50	0.875	0.878	2.40
VINE20W_DFN-190		0.06	29.7	1.05	<0.0002	0.397	0.09	2.79	344	793	0.01	0.014	11.75	0.138	0.698	0.775
VINE20W_DFN-191		0.04	25.7	1.37	0.0002	0.768	0.16	6.07	613	986	0.04	0.034	19.50	1.125	2.16	2.02
VINE20W_DFN-192		0.06	29.5	1.49	<0.0002	0.410	0.12	11.20	666	913	0.03	0.015	20.5	0.659	1.135	0.664
VINE20W_DFN-193		0.04	25.4	0.78	0.0004	0.042	0.38	2.10	767	1365	0.12	0.040	21.0	0.726	2.47	1.260
VINE20W_DFN-194		0.04	24.6	1.30	0.0003	0.290	0.23	22.5	403	752	0.04	0.014	20.7	0.753	0.909	1.110
VINE20W_DFN-195		0.04	27.9	1.20	<0.0002	0.325	0.11	2.48	357	667	0.03	0.013	21.9	2.01	1.220	0.892
VINE20W_DFN-196		0.04	29.0	1.97	0.0006	0.210	0.25	1.47	260	1400	0.05	0.009	26.5	1.045	0.913	1.640
VINE20W_DFN-197		0.04	29.7	0.89	0.0015	0.061	0.49	1.32	259	1745	0.14	0.034	21.2	1.770	2.23	1.900
VINE20W_DFN-198		0.04	28.3	1.06	0.0006	0.398	0.20	5.87	629	562	0.07	0.016	19.15	1.415	2.58	5.97
VINE20W_DFN-199		0.04	25.8	0.86	0.0008	0.348	0.22	6.12	562	736	0.05	0.031	17.15	0.690	2.04	1.610
VINE20W_DFN-200A		0.06	28.8	0.93	0.0003	0.290	0.11	1.63	421	948	0.02	0.010	15.50	0.816	0.413	1.015
VINE20W_DFN-200B		0.06	33.6	1.38	0.0004	0.189	0.12	2.11	243	1750	0.04	0.009	19.65	0.455	0.669	2.65
VINE20W_DFN-200C		<0.02			0.0041	0.126	0.96	5.50	429	865	0.28	0.127	18.15	2.23	5.69	2.87
VINE20W_DFN-201		0.06	30.3	1.19	<0.0002	0.258	0.23	5.73	614	619	0.02	0.017	18.50	1.155	1.075	1.110
VINE20W_DFN-202		0.04	27.0	1.19	0.0006	0.453	0.14	2.42	699	764	0.02	0.017	21.0	2.90	0.931	1.200
VINE20W_DFN-203		0.06	29.8	1.03	0.0012	0.419	0.18	2.28	759	1880	0.03	0.013	19.60	1.830	1.875	3.50
VINE20W_DFN-204		0.06	28.9	1.03	0.0003	0.414	0.20	1.84	528	568	0.04	0.020	17.70	0.899	0.929	1.365
VINE20W_DFN-205		0.06	29.0	1.08	0.0002	0.244	0.16	1.14	487	655	0.03	0.016	22.3	0.623	0.859	2.53
VINE20W_DFN-206		0.06	27.9	1.61	0.0007	0.153	0.26	47.2	469	494	0.06	0.023	22.0	0.693	1.270	1.555

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 22-MAY-2020
Account: PJXRES

Project: Vine West

CERTIFICATE OF ANALYSIS VA20089273

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Cr ppm 0.01	ME-VEG41a Cs ppm 0.005	ME-VEG41a Cu ppm 0.01	ME-VEG41a Fe ppm 1	ME-VEG41a Ga ppm 0.004	ME-VEG41a Ge ppm 0.005	ME-VEG41a Hf ppm 0.002	ME-VEG41a Hg ppm 0.001	ME-VEG41a In ppm 0.005	ME-VEG41a K % 0.01	ME-VEG41a La ppm 0.002	ME-VEG41a Li ppm 0.1	ME-VEG41a Mg % 0.001	ME-VEG41a Mn ppm 0.1	ME-VEG41a Mo ppm 0.01
VINE20W_DFN-182		2.29	0.208	46.9	1100	0.292	0.006	0.018	<0.001	<0.005	>10.0	1.710	0.9	2.64	12250	0.30
VINE20W_DFN-183		3.82	0.258	48.9	2700	0.529	0.009	0.019	<0.001	<0.005	>10.0	2.55	2.4	1.900	9150	1.16
VINE20W_DFN-184		2.43	0.121	31.7	1300	0.303	0.005	0.030	<0.001	<0.005	9.32	1.770	1.8	2.69	12700	0.75
VINE20W_DFN-185		2.40	0.953	41.3	1000	0.205	<0.005	0.023	<0.001	0.005	8.12	0.539	0.7	1.960	9930	0.90
VINE20W_DFN-186		1.05	0.258	41.4	901	0.168	<0.005	0.011	<0.001	<0.005	6.25	0.334	0.7	1.720	12500	0.49
VINE20W_DFN-187		1.43	0.073	18.15	729	0.213	<0.005	0.010	<0.001	<0.005	4.89	0.534	2.7	2.63	25100	0.32
VINE20W_DFN-188		2.12	0.174	55.4	1400	0.300	0.006	0.023	0.002	<0.005	>10.0	1.375	0.9	2.40	21100	0.52
VINE20W_DFN-189		1.73	0.116	41.9	967	0.168	<0.005	0.017	<0.001	<0.005	9.85	0.514	2.5	3.98	7350	0.62
VINE20W_DFN-190		1.61	0.150	53.8	1000	0.172	0.005	0.020	<0.001	<0.005	>10.0	0.364	3.6	3.12	2190	0.44
VINE20W_DFN-191		1.98	0.182	23.6	1700	0.317	0.007	0.024	<0.001	0.005	7.58	1.680	4.4	4.06	9910	0.73
VINE20W_DFN-192		1.76	0.169	29.0	1300	0.248	0.005	0.027	<0.001	<0.005	>10.0	0.711	3.9	2.29	8120	1.51
VINE20W_DFN-193		2.96	0.254	61.6	2000	0.436	0.008	0.018	<0.001	0.007	>10.0	1.710	1.2	1.560	28000	0.65
VINE20W_DFN-194		1.22	0.098	25.9	1000	0.192	<0.005	0.016	0.004	<0.005	9.83	0.890	0.8	2.99	8830	0.52
VINE20W_DFN-195		1.19	0.179	37.6	887	0.191	<0.005	0.019	<0.001	<0.005	>10.0	1.570	0.6	2.40	19600	0.43
VINE20W_DFN-196		1.23	0.081	19.25	694	0.194	<0.005	0.011	<0.001	<0.005	5.81	1.295	0.8	2.01	21400	0.26
VINE20W_DFN-197		3.79	0.463	71.0	2100	0.450	0.008	0.015	<0.001	<0.005	>10.0	1.390	1.4	2.14	29400	1.05
VINE20W_DFN-198		3.09	0.097	50.7	957	0.160	0.006	0.012	0.002	<0.005	>10.0	1.865	0.8	3.19	15650	0.41
VINE20W_DFN-199		2.12	0.110	36.7	1300	0.238	0.006	0.023	0.003	<0.005	9.39	2.93	1.1	4.14	17050	0.40
VINE20W_DFN-200A		0.73	0.093	65.3	775	0.108	<0.005	0.010	0.002	<0.005	>10.0	0.229	0.3	3.11	7500	0.54
VINE20W_DFN-200B		0.99	0.275	47.7	739	0.124	<0.005	0.013	0.001	<0.005	>10.0	0.365	0.8	2.51	10550	0.29
VINE20W_DFN-200C		10.30	3.58	90.6	4400	0.855	0.016	0.046	0.028	0.009	>10.0	2.82	4.5	2.30	30400	0.90
VINE20W_DFN-201		1.45	0.122	47.7	1200	0.228	0.005	0.022	0.003	<0.005	>10.0	1.045	0.9	2.85	16350	0.58
VINE20W_DFN-202		1.92	0.088	26.8	1100	0.187	0.005	0.021	<0.001	<0.005	8.02	1.205	0.6	2.63	15800	0.70
VINE20W_DFN-203		0.85	0.087	61.0	913	0.119	<0.005	0.015	0.003	<0.005	>10.0	1.350	0.4	3.10	8160	0.45
VINE20W_DFN-204		1.70	0.115	33.3	1300	0.227	<0.005	0.018	<0.001	<0.005	9.80	0.547	0.7	2.33	12150	0.50
VINE20W_DFN-205		1.65	0.146	32.7	1200	0.219	0.005	0.017	0.001	0.005	>10.0	0.474	0.7	2.94	14900	0.54
VINE20W_DFN-206		1.43	0.064	23.0	790	0.214	0.005	0.013	0.001	<0.005	6.31	2.10	0.8	2.25	22500	0.41

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 22-MAY-2020
Account: PJXRES

Project: Vine West

CERTIFICATE OF ANALYSIS VA20089273

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Na % 0.001	ME-VEG41a Nb ppm 0.002	ME-VEG41a Ni ppm 0.04	ME-VEG41a P % 0.001	ME-VEG41a Pb ppm 0.01	ME-VEG41a Pd ppm 0.001	ME-VEG41a Pt ppm 0.002	ME-VEG41a Rb ppm 0.01	ME-VEG41a Re ppm 0.001	ME-VEG41a S % 0.01	ME-VEG41a Sb ppm 0.01	ME-VEG41a Sc ppm 0.01	ME-VEG41a Se ppm 0.005	ME-VEG41a Sn ppm 0.01	ME-VEG41a Sr ppm 0.02
VINE20W_DFN-182		0.023	0.070	16.65	3.49	1.75	<0.001	<0.002	54.8	0.001	0.76	0.13	0.71	0.092	0.16	876
VINE20W_DFN-183		0.050	0.067	5.85	3.35	3.05	0.001	<0.002	13.15	0.004	0.85	0.24	1.46	0.259	0.31	1020
VINE20W_DFN-184		0.022	0.044	3.82	2.61	1.68	<0.001	<0.002	12.15	0.005	0.66	0.13	1.80	0.115	0.14	1200
VINE20W_DFN-185		0.019	0.060	2.52	2.55	1.77	<0.001	<0.002	53.9	0.004	0.62	0.14	0.65	0.092	0.13	550
VINE20W_DFN-186		0.015	0.053	1.05	2.19	1.67	0.001	<0.002	36.3	0.001	0.51	0.09	0.55	0.052	0.10	629
VINE20W_DFN-187		0.015	0.016	1.58	1.935	1.08	0.001	<0.002	7.70	0.001	0.47	0.08	1.73	0.314	0.09	1150
VINE20W_DFN-188		0.018	0.041	10.25	3.11	1.69	0.003	<0.002	28.4	0.001	0.77	0.10	1.48	0.184	0.13	1480
VINE20W_DFN-189		0.011	0.020	2.87	2.99	0.97	0.002	<0.002	23.0	0.004	0.69	0.07	1.63	0.273	0.09	1025
VINE20W_DFN-190		0.012	0.035	0.99	2.31	1.62	<0.001	<0.002	49.8	0.005	1.85	0.10	1.48	0.451	0.10	1195
VINE20W_DFN-191		0.024	0.061	4.27	3.65	3.33	0.002	<0.002	3.98	0.009	0.94	0.14	2.05	0.238	0.17	733
VINE20W_DFN-192		0.021	0.040	1.96	2.94	1.88	0.003	<0.002	11.20	0.028	1.01	0.11	1.61	0.131	0.14	381
VINE20W_DFN-193		0.032	0.119	5.89	4.74	4.00	0.002	<0.002	57.0	0.004	1.04	0.22	0.91	0.115	0.35	498
VINE20W_DFN-194		0.012	0.029	3.82	2.92	1.47	0.001	<0.002	10.85	0.002	0.83	0.11	1.66	0.267	0.14	968
VINE20W_DFN-195		0.014	0.029	3.84	3.29	1.44	<0.001	<0.002	33.2	0.001	0.91	0.10	1.66	0.092	0.18	1015
VINE20W_DFN-196		0.010	0.023	2.35	1.955	1.12	<0.001	<0.002	9.07	0.001	0.64	0.07	1.62	0.308	0.13	844
VINE20W_DFN-197		0.030	0.126	6.74	4.20	3.87	<0.001	<0.002	87.7	0.001	0.82	0.23	0.90	0.078	0.30	503
VINE20W_DFN-198		0.018	0.028	10.70	3.51	1.36	<0.001	<0.002	46.1	0.002	1.15	0.10	1.43	0.169	0.16	1660
VINE20W_DFN-199		0.018	0.027	4.30	3.67	1.75	0.003	<0.002	11.05	0.001	0.85	0.13	1.50	0.292	0.19	1890
VINE20W_DFN-200A		0.007	0.026	4.59	4.35	0.93	<0.001	<0.002	40.0	0.001	0.95	0.07	1.48	0.064	0.12	411
VINE20W_DFN-200B		0.014	0.018	4.84	2.70	1.02	<0.001	<0.002	70.8	0.001	0.77	0.09	1.59	0.180	0.17	571
VINE20W_DFN-200C		0.122	0.393	52.9	3.54	49.4	0.003	<0.002	228	0.002	1.56	0.36	1.75	0.799	1.11	769
VINE20W_DFN-201		0.017	0.037	3.22	3.58	1.63	0.003	<0.002	31.8	<0.001	0.92	0.13	1.27	0.176	0.22	1220
VINE20W_DFN-202		0.014	0.021	1.75	3.31	1.39	<0.001	<0.002	5.96	<0.001	0.72	0.11	1.43	0.228	0.14	1035
VINE20W_DFN-203		0.011	0.026	4.48	3.52	1.36	<0.001	<0.002	50.6	<0.001	0.67	0.14	1.57	0.084	0.11	899
VINE20W_DFN-204		0.017	0.027	2.75	2.86	1.98	<0.001	<0.002	10.90	0.001	0.98	0.15	1.12	0.160	0.19	660
VINE20W_DFN-205		0.017	0.043	1.65	2.63	1.66	<0.001	<0.002	25.6	0.003	1.46	0.12	1.39	0.219	0.18	556
VINE20W_DFN-206		0.016	0.022	3.96	2.96	1.35	0.003	<0.002	5.86	0.001	1.08	0.09	1.87	0.493	0.16	973

***** See Appendix Page for comments regarding this certificate *****

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To: PJX RESOURCES
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 22-MAY-2020
Account: PJXRES

Project: Vine West

CERTIFICATE OF ANALYSIS VA20089273

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Ta ppm 0.001	ME-VEG41a Te ppm 0.02	ME-VEG41a Th ppm 0.002	ME-VEG41a Ti % 0.001	ME-VEG41a Tl ppm 0.002	ME-VEG41a U ppm 0.005	ME-VEG41a V ppm 0.05	ME-VEG41a W ppm 0.01	ME-VEG41a Y ppm 0.003	ME-VEG41a Zn ppm 0.1	ME-VEG41a Zr ppm 0.02
VINE20W_DFN-182		<0.001	0.03	0.106	0.004	0.007	0.031	1.84	0.09	1.850	957	0.90
VINE20W_DFN-183		<0.001	<0.02	0.340	0.011	0.045	0.063	4.49	0.41	2.01	555	0.72
VINE20W_DFN-184		<0.001	<0.02	0.136	0.005	0.022	0.054	2.24	0.16	1.215	654	0.99
VINE20W_DFN-185		<0.001	<0.02	0.105	0.004	0.014	0.073	1.69	0.14	0.414	715	0.83
VINE20W_DFN-186		<0.001	<0.02	0.086	0.003	0.021	0.030	1.21	0.12	0.252	978	0.55
VINE20W_DFN-187		<0.001	<0.02	0.066	0.002	0.091	0.039	1.04	0.06	0.340	798	0.48
VINE20W_DFN-188		<0.001	0.03	0.142	0.005	0.040	0.036	1.83	0.11	1.030	697	0.87
VINE20W_DFN-189		<0.001	<0.02	0.095	0.003	0.049	0.044	1.30	0.10	0.351	581	0.64
VINE20W_DFN-190		<0.001	<0.02	0.095	0.003	0.023	0.037	1.53	0.20	0.241	446	1.01
VINE20W_DFN-191		<0.001	0.03	0.187	0.007	0.050	0.101	2.80	0.23	1.435	359	0.97
VINE20W_DFN-192		<0.001	<0.02	0.148	0.005	0.016	0.270	2.22	0.19	0.496	670	0.88
VINE20W_DFN-193		<0.001	<0.02	0.205	0.007	0.038	0.071	3.26	0.24	2.10	1200	0.71
VINE20W_DFN-194		<0.001	<0.02	0.090	0.003	0.050	0.046	1.45	0.11	0.550	648	0.60
VINE20W_DFN-195		<0.001	0.03	0.074	0.002	0.084	0.020	1.09	0.09	1.235	944	0.61
VINE20W_DFN-196		<0.001	0.03	0.062	0.002	0.078	0.027	1.04	0.07	0.926	873	0.45
VINE20W_DFN-197		<0.001	<0.02	0.218	0.008	0.094	0.068	3.20	0.18	1.120	1265	0.44
VINE20W_DFN-198		<0.001	<0.02	0.080	0.003	0.079	0.039	1.37	0.10	2.41	573	0.56
VINE20W_DFN-199		<0.001	<0.02	0.109	0.003	0.146	0.027	1.82	0.13	4.39	875	0.75
VINE20W_DFN-200A		<0.001	<0.02	0.042	0.001	0.013	0.020	0.76	0.05	0.161	604	0.35
VINE20W_DFN-200B		<0.001	<0.02	0.061	0.002	0.039	0.020	0.92	0.08	0.224	706	0.45
VINE20W_DFN-200C		0.010	0.10	0.625	0.015	0.308	0.183	11.55	0.56	1.495	1420	1.91
VINE20W_DFN-201		<0.001	0.03	0.102	0.003	0.025	0.023	1.73	0.10	0.781	888	0.66
VINE20W_DFN-202		<0.001	<0.02	0.087	0.003	0.041	0.026	1.53	0.11	0.915	1260	0.61
VINE20W_DFN-203		<0.001	0.03	0.055	0.002	0.014	0.012	0.89	0.07	1.075	932	0.41
VINE20W_DFN-204		<0.001	<0.02	0.116	0.004	0.051	0.025	1.85	0.14	0.427	1330	0.81
VINE20W_DFN-205		<0.001	<0.02	0.120	0.004	0.056	0.039	1.93	0.12	0.342	853	0.74
VINE20W_DFN-206		<0.001	<0.02	0.082	0.002	0.130	0.030	1.25	0.10	1.425	716	0.53

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 22-MAY-2020
Account: PJXRES

Project: Vine West

CERTIFICATE OF ANALYSIS VA20089273

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

The concentration of the reported result is based on the ashed sample. Weight of the sample and weight of the ash has not been factored in the reported concentration

Applies to Method: ME-VEG41a

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method: LOG-22 LOG-24 ME-VEG41a VEG-ASH01 WEI-21

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 9-JUN-2020
Account: PJXRES

CERTIFICATE VA20100734

Project: VINE EAST

This report is for 192 Vegetation samples submitted to our lab in Vancouver, BC, Canada on 12-MAY-2020.

The following have access to data associated with this certificate:

LINDA BRENNAN	C. DUNN	JOHN KEATING

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
VEG-ASH01	Controlled Ignition - Veg Samp. @ 475C

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-VEG41a	Super Trace - Ashed Vegetation Samples

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, General Manager, North Vancouver

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 9-JUN-2020
Account: PJXRES

Project: VINE EAST

CERTIFICATE OF ANALYSIS VA20100734

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	VEG-ASH01 WT. SAMP g 0.01	VEG-ASH01 WT. ASH g 0.01	ME-VEG41a Au ppm 0.0002	ME-VEG41a Ag ppm 0.001	ME-VEG41a Al % 0.01	ME-VEG41a As ppm 0.01	ME-VEG41a B ppm 1	ME-VEG41a Ba ppm 0.1	ME-VEG41a Be ppm 0.01	ME-VEG41a Bi ppm 0.001	ME-VEG41a Ca % 0.01	ME-VEG41a Cd ppm 0.001	ME-VEG41a Ce ppm 0.003	ME-VEG41a Co ppm 0.002
VINE20E_DFN-001		0.08	27.6	1.14	0.0008	0.277	0.41	5.23	279	1090	0.09	0.036	19.90	0.605	3.59	1.510
VINE20E_DFN-001C		<0.02			0.0040	0.139	0.97	6.43	427	876	0.31	0.132	17.90	2.35	5.81	3.03
VINE20E_DFN-004		0.06	28.1	0.96	0.0002	0.122	0.32	1.46	193	900	0.06	0.025	20.3	0.704	1.845	1.720
VINE20E_DFN-005		0.06	29.0	1.04	0.0031	0.172	0.33	36.6	931	1060	1.12	0.017	18.65	1.100	1.040	1.950
VINE20E_DFN-006		0.06	28.5	1.30	<0.0002	0.303	0.18	1.18	639	1330	0.04	0.013	19.30	0.455	1.490	1.535
VINE20E_DFN-007		0.06	28.0	0.80	<0.0002	0.276	0.17	1.26	514	2230	0.42	0.025	16.55	2.24	1.675	1.870
VINE20E_DFN-008		0.06	24.3	1.10	0.0006	0.485	0.13	1.30	693	1185	0.02	0.019	18.25	1.150	0.695	1.380
VINE20E_DFN-009		0.06	26.4	1.01	<0.0002	0.181	0.19	7.11	450	1045	0.02	0.016	22.3	0.821	0.658	2.87
VINE20E_DFN-010		0.08	27.8	1.00	<0.0002	0.153	0.16	2.12	399	1255	2.66	0.017	21.6	0.164	1.285	0.717
VINE20E_DFN-013		0.06	27.1	0.75	<0.0002	0.273	0.25	3.79	450	1220	0.04	0.024	16.35	0.546	1.335	2.22
VINE20E_DFN-014		0.08	27.0	0.87	0.0002	0.214	0.16	1.78	631	799	0.04	0.018	21.1	1.500	0.901	2.32
VINE20E_DFN-015		0.06	27.6	1.28	<0.0002	0.223	0.22	5.52	729	633	0.05	0.019	17.40	1.275	1.460	2.61
VINE20E_DFN-016		0.06	26.1	1.10	<0.0002	0.315	0.14	0.63	624	963	0.03	0.017	23.8	0.583	1.240	1.640
VINE20E_DFN-017		0.06	30.6	0.76	<0.0002	0.084	0.12	2.20	567	1700	0.01	0.017	20.5	0.766	0.636	1.135
VINE20E_DFN-018		0.06	27.4	1.04	<0.0002	0.194	0.16	2.45	377	2490	0.02	0.011	16.90	1.185	0.631	1.770
VINE20E_DFN-019A		0.06	29.6	1.06	<0.0002	0.137	0.38	8.00	313	1340	0.03	0.012	21.3	0.884	0.587	2.51
VINE20E_DFN-019B		0.06	28.8	0.99	<0.0002	0.236	0.23	7.45	262	1715	0.02	0.011	18.65	0.546	0.664	2.17
VINE20E_DFN-019C		<0.02			0.0041	0.140	1.00	6.06	449	904	0.30	0.140	18.50	2.33	6.12	2.98
VINE20E_DFN-020		0.06	29.2	1.28	<0.0002	0.071	0.38	1.86	254	1130	0.04	0.016	19.35	1.340	1.390	2.51
VINE20E_DFN-021		0.06	27.0	1.20	<0.0002	0.126	0.15	1.51	306	1405	0.03	0.014	22.2	0.684	1.165	0.935
VINE20E_DFN-022		0.06	27.9	1.34	<0.0002	0.156	0.28	1.44	337	2490	0.06	0.030	21.1	0.282	2.60	1.870
VINE20E_DFN-023		0.06	27.6	1.27	<0.0002	0.072	0.28	1.25	361	1830	0.02	0.010	22.1	0.505	0.847	0.909
VINE20E_DFN-024		0.06	30.3	0.88	<0.0002	0.400	0.11	1.15	538	768	0.02	0.016	21.7	0.474	0.740	0.883
VINE20E_DFN-025		0.06	28.4	0.97	<0.0002	0.181	0.18	1.04	768	668	0.02	0.022	20.5	1.205	1.610	1.140
VINE20E_DFN-026		0.06	29.4	0.95	<0.0002	0.172	0.19	3.22	478	975	0.05	0.017	13.85	0.205	1.135	1.260
VINE20E_DFN-027		0.06	28.6	1.02	<0.0002	0.255	0.20	2.70	535	1885	0.03	0.017	14.65	0.417	1.225	1.575
VINE20E_DFN-028		0.06	29.9	1.17	<0.0002	0.317	0.15	2.25	585	469	0.03	0.012	18.45	0.531	0.576	2.16
VINE20E_DFN-029		0.06	26.4	0.76	<0.0002	0.206	0.21	5.27	617	1485	0.03	0.019	19.00	1.695	0.874	1.820
VINE20E_DFN-030		0.06	30.5	1.56	<0.0002	0.123	0.19	2.51	315	2470	0.02	0.007	25.9	1.395	0.511	0.596
VINE20E_DFN-031		0.06	28.8	0.89	<0.0002	0.132	0.30	2.67	289	1265	0.05	0.036	21.7	0.248	2.85	1.790
VINE20E_DFN-032		0.06	27.5	0.78	<0.0002	0.826	0.22	1.21	404	1250	0.04	0.022	21.3	0.666	1.710	2.84
VINE20E_DFN-033		0.06	28.1	0.83	<0.0002	0.273	0.20	1.10	988	2260	0.03	0.019	19.80	0.411	0.919	0.895
VINE20E_DFN-034		0.06	28.5	0.81	<0.0002	0.402	0.23	3.36	554	929	0.03	0.019	19.55	1.460	1.305	2.22
VINE20E_DFN-035		0.06	29.9	1.11	<0.0002	0.118	0.15	1.41	431	2350	0.03	0.015	17.15	0.354	1.055	2.56
VINE20E_DFN-036		0.06	27.2	1.09	<0.0002	0.291	0.14	1.21	527	1480	0.02	0.014	20.9	0.546	0.778	1.055
VINE20E_DFN-037		0.06	29.4	1.34	<0.0002	0.195	0.10	10.90	519	2330	0.04	0.008	24.0	0.732	1.055	2.38
VINE20E_DFN-038		0.06	30.3	1.40	0.0006	0.605	0.20	1.31	525	1435	0.03	0.015	25.6	0.515	1.640	1.240
VINE20E_DFN-039		0.06	26.7	0.94	0.0011	0.108	0.39	10.20	744	2370	0.02	0.011	17.75	0.602	0.592	1.140
VINE20E_DFN-040A		0.06	28.1	1.32	0.0011	0.156	0.21	1.95	300	2430	0.02	0.016	21.6	0.792	0.766	1.310
VINE20E_DFN-040B		0.06	29.4	1.19	0.0006	0.488	0.21	1.70	516	1915	0.01	0.013	18.80	0.697	0.658	0.891

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 9-JUN-2020
Account: PJXRES

Project: VINE EAST

CERTIFICATE OF ANALYSIS VA20100734

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Cr ppm 0.01	ME-VEG41a Cs ppm 0.005	ME-VEG41a Cu ppm 0.01	ME-VEG41a Fe ppm 1	ME-VEG41a Ga ppm 0.004	ME-VEG41a Ge ppm 0.005	ME-VEG41a Hf ppm 0.002	ME-VEG41a Hg ppm 0.001	ME-VEG41a In ppm 0.005	ME-VEG41a K % 0.01	ME-VEG41a La ppm 0.002	ME-VEG41a Li ppm 0.1	ME-VEG41a Mg % 0.001	ME-VEG41a Mn ppm 0.1	ME-VEG41a Mo ppm 0.01
VINE20E_DFN-001		4.68	0.507	50.9	4200	0.930	0.019	0.044	0.002	0.008	>10.0	1.695	4.4	2.83	577	0.50
VINE20E_DFN-001C		10.70	4.08	99.4	4300	0.951	0.021	0.049	0.030	0.015	>10.0	2.90	4.0	2.26	30100	0.95
VINE20E_DFN-004		3.12	0.246	37.0	3000	0.525	0.020	0.036	0.001	<0.005	8.99	0.931	3.1	4.33	2230	0.23
VINE20E_DFN-005		1.57	0.130	48.1	1100	0.221	0.007	0.017	<0.001	<0.005	>10.0	0.852	1.6	3.26	9460	0.68
VINE20E_DFN-006		1.90	0.159	26.3	1500	0.288	0.007	0.023	<0.001	<0.005	>10.0	0.806	1.7	2.45	8210	0.36
VINE20E_DFN-007		2.05	0.514	54.9	1900	0.309	0.006	0.029	<0.001	<0.005	>10.0	0.816	2.8	3.61	15300	0.75
VINE20E_DFN-008		1.49	0.100	25.4	775	0.183	0.006	0.016	<0.001	<0.005	6.15	0.463	0.7	2.67	24700	0.28
VINE20E_DFN-009		1.88	0.102	44.0	878	0.191	0.006	0.014	<0.001	0.006	>10.0	0.367	0.5	1.960	27500	0.52
VINE20E_DFN-010		1.82	0.177	38.8	1800	0.287	0.014	0.027	<0.001	<0.005	9.07	0.695	4.4	3.66	467	0.50
VINE20E_DFN-013		1.99	0.186	45.6	1900	0.307	0.006	0.026	0.004	0.006	>10.0	0.729	2.6	2.37	7000	0.68
VINE20E_DFN-014		1.10	0.107	52.5	1200	0.162	0.007	0.017	<0.001	<0.005	>10.0	0.678	1.8	3.39	5230	0.31
VINE20E_DFN-015		2.16	0.139	29.0	1300	0.271	0.005	0.026	<0.001	0.005	9.24	1.010	1.5	1.890	25300	0.57
VINE20E_DFN-016		2.11	0.191	29.8	1600	0.329	0.007	0.023	0.001	<0.005	8.12	0.611	1.5	3.60	26300	1.02
VINE20E_DFN-017		0.91	0.122	60.1	1000	0.163	<0.005	0.019	<0.001	<0.005	>10.0	0.324	1.0	3.78	4820	0.44
VINE20E_DFN-018		1.21	0.135	50.0	864	0.136	0.006	0.018	<0.001	<0.005	>10.0	0.484	0.3	2.12	11450	0.60
VINE20E_DFN-019A		0.96	0.095	54.5	970	0.139	0.006	0.009	<0.001	<0.005	>10.0	0.427	0.4	3.32	7000	0.83
VINE20E_DFN-019B		1.05	0.107	60.6	907	0.148	<0.005	0.019	<0.001	<0.005	>10.0	0.506	0.5	2.67	7940	1.30
VINE20E_DFN-019C		10.70	4.24	101.5	4400	0.866	0.016	0.048	0.026	0.014	>10.0	3.06	3.7	2.33	31300	0.97
VINE20E_DFN-020		2.34	0.142	37.8	1200	0.246	<0.005	0.019	<0.001	<0.005	>10.0	1.065	0.7	3.07	12500	0.56
VINE20E_DFN-021		1.71	0.165	51.5	1600	0.248	0.010	0.028	<0.001	<0.005	>10.0	0.640	1.4	2.65	1475	0.41
VINE20E_DFN-022		3.12	0.304	37.5	2800	0.522	0.009	0.030	<0.001	0.006	>10.0	1.400	2.4	1.480	3100	0.51
VINE20E_DFN-023		3.21	0.104	36.0	1100	0.202	0.008	0.018	0.001	<0.005	9.61	0.632	2.2	2.64	7120	0.25
VINE20E_DFN-024		1.36	0.229	56.5	1400	0.176	0.010	0.017	0.001	<0.005	>10.0	0.411	1.1	2.46	1790	0.33
VINE20E_DFN-025		3.42	0.124	40.2	1200	0.212	0.005	0.025	0.001	<0.005	9.69	1.970	0.7	3.29	17050	0.45
VINE20E_DFN-026		1.97	0.150	42.8	1500	0.234	0.006	0.018	<0.001	<0.005	>10.0	0.555	27.8	7.34	8370	0.94
VINE20E_DFN-027		2.30	0.148	51.6	1700	0.250	<0.005	0.019	<0.001	<0.005	>10.0	0.641	1.4	5.99	19050	0.85
VINE20E_DFN-028		0.85	0.111	57.4	958	0.122	<0.005	0.014	<0.001	<0.005	>10.0	0.329	0.6	2.44	7820	0.27
VINE20E_DFN-029		1.39	0.149	56.7	1100	0.152	0.005	0.025	<0.001	<0.005	>10.0	0.661	0.4	2.83	8910	0.39
VINE20E_DFN-030		0.76	0.113	26.7	715	0.118	0.010	0.009	<0.001	<0.005	6.24	0.369	0.7	1.540	3330	0.35
VINE20E_DFN-031		4.21	0.426	41.6	3400	0.644	0.016	0.027	<0.001	0.006	9.56	1.405	6.1	2.96	1880	0.62
VINE20E_DFN-032		2.11	0.183	62.9	2000	0.313	0.008	0.035	0.001	<0.005	>10.0	1.130	1.4	2.86	2580	0.38
VINE20E_DFN-033		1.53	0.148	36.6	1100	0.196	0.006	0.021	0.001	<0.005	>10.0	0.612	1.3	3.32	11250	0.49
VINE20E_DFN-034		1.47	0.134	61.0	1300	0.208	0.005	0.018	<0.001	<0.005	>10.0	0.850	1.1	2.32	6530	0.61
VINE20E_DFN-035		1.44	0.169	36.2	1200	0.195	<0.005	0.028	<0.001	<0.005	>10.0	0.724	0.7	2.12	12550	1.27
VINE20E_DFN-036		1.13	0.106	48.9	1000	0.152	<0.005	0.014	<0.001	<0.005	>10.0	0.570	0.5	1.250	9250	1.24
VINE20E_DFN-037		1.02	0.133	29.3	836	0.119	<0.005	0.012	<0.001	<0.005	8.06	0.687	0.7	2.58	6040	0.22
VINE20E_DFN-038		1.93	0.144	38.6	1500	0.290	0.009	0.020	<0.001	<0.005	6.90	1.120	0.9	1.890	14900	0.38
VINE20E_DFN-039		1.09	0.124	47.2	900	0.174	0.006	0.011	0.001	<0.005	>10.0	0.399	0.3	2.15	14900	0.80
VINE20E_DFN-040A		1.29	0.084	28.9	900	0.194	<0.005	0.014	0.001	<0.005	9.57	0.650	0.4	3.32	15450	0.42
VINE20E_DFN-040B		1.32	0.063	29.2	824	0.182	0.005	0.014	<0.001	<0.005	>10.0	0.604	0.3	2.28	19300	0.39

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 9-JUN-2020
Account: PJXRES

Project: VINE EAST

CERTIFICATE OF ANALYSIS VA20100734

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Na % 0.001	ME-VEG41a Nb ppm 0.002	ME-VEG41a Ni ppm 0.04	ME-VEG41a P % 0.001	ME-VEG41a Pb ppm 0.01	ME-VEG41a Pd ppm 0.001	ME-VEG41a Pt ppm 0.002	ME-VEG41a Rb ppm 0.01	ME-VEG41a Re ppm 0.001	ME-VEG41a S % 0.01	ME-VEG41a Sb ppm 0.01	ME-VEG41a Sc ppm 0.01	ME-VEG41a Se ppm 0.005	ME-VEG41a Sn ppm 0.01	ME-VEG41a Sr ppm 0.02
VINE20E_DFN-001		0.058	0.116	3.62	2.25	3.84	<0.001	<0.002	30.6	0.009	1.24	0.26	2.38	0.778	0.24	971
VINE20E_DFN-001C		0.117	0.345	57.6	3.53	52.2	0.002	0.004	250	0.004	1.54	0.40	1.75	0.959	1.10	767
VINE20E_DFN-004		0.021	0.048	2.83	2.73	1.73	<0.001	<0.002	12.75	0.025	1.21	0.18	2.08	2.20	0.12	960
VINE20E_DFN-005		0.013	0.031	5.79	3.48	1.70	<0.001	<0.002	17.60	0.003	1.21	0.12	2.62	0.724	0.14	777
VINE20E_DFN-006		0.042	0.041	2.83	3.41	1.23	<0.001	<0.002	7.12	0.002	0.89	0.12	2.09	0.314	0.11	615
VINE20E_DFN-007		0.025	0.044	2.56	3.45	2.17	<0.001	<0.002	36.8	0.001	1.03	0.16	2.06	0.222	0.20	827
VINE20E_DFN-008		0.017	0.011	1.60	3.13	0.82	<0.001	<0.002	7.03	0.001	0.82	0.09	1.94	0.223	0.16	480
VINE20E_DFN-009		0.020	0.019	3.38	3.07	1.48	<0.001	<0.002	20.9	0.001	0.72	0.09	1.64	0.349	0.13	1210
VINE20E_DFN-010		0.019	0.047	1.67	2.08	1.53	<0.001	<0.002	14.20	0.004	0.95	0.14	1.98	0.685	0.12	1185
VINE20E_DFN-013		0.015	0.052	4.06	3.68	1.82	0.001	<0.002	28.9	0.001	1.47	0.14	2.18	0.606	0.15	507
VINE20E_DFN-014		0.016	0.037	8.70	3.03	1.10	<0.001	<0.002	15.65	0.002	0.99	0.14	1.68	0.265	0.12	1035
VINE20E_DFN-015		0.016	0.021	5.66	3.08	1.52	0.001	<0.002	12.30	0.006	1.32	0.11	1.29	0.330	0.13	1000
VINE20E_DFN-016		0.020	0.043	1.81	2.16	1.31	<0.001	<0.002	21.1	0.002	0.82	0.13	1.58	0.192	0.10	500
VINE20E_DFN-017		0.018	0.026	1.55	3.82	1.78	<0.001	<0.002	29.1	0.002	1.14	0.11	2.34	0.231	0.15	872
VINE20E_DFN-018		0.012	0.016	3.20	3.04	0.94	0.001	<0.002	25.5	0.001	0.97	0.10	2.07	0.255	0.11	615
VINE20E_DFN-019A		0.011	0.035	11.20	4.05	1.17	<0.001	<0.002	12.40	0.002	0.86	0.11	1.98	0.177	0.09	1150
VINE20E_DFN-019B		0.013	0.027	11.35	4.65	1.09	<0.001	<0.002	14.40	0.001	1.27	0.10	2.56	0.264	0.14	589
VINE20E_DFN-019C		0.124	0.352	57.1	3.66	68.6	0.002	<0.002	238	0.003	1.56	0.35	1.77	0.790	1.10	794
VINE20E_DFN-020		0.017	0.036	6.24	3.56	1.38	0.002	<0.002	25.7	0.002	0.86	0.13	1.97	0.255	0.12	1285
VINE20E_DFN-021		0.023	0.048	5.44	2.90	1.27	0.001	<0.002	16.65	0.001	0.99	0.14	1.99	0.192	0.12	519
VINE20E_DFN-022		0.037	0.078	9.87	2.71	3.05	<0.001	<0.002	17.05	0.002	0.69	0.24	2.46	0.089	0.25	1305
VINE20E_DFN-023		0.020	0.027	3.03	2.99	1.00	<0.001	<0.002	10.85	0.001	0.77	0.09	1.87	0.179	0.09	821
VINE20E_DFN-024		0.016	0.048	2.19	3.50	1.56	0.003	<0.002	31.0	0.002	1.12	0.14	1.20	0.437	0.12	1305
VINE20E_DFN-025		0.014	0.027	4.58	3.09	1.40	0.001	<0.002	14.50	0.002	1.31	0.14	1.63	0.261	0.19	1635
VINE20E_DFN-026		0.033	0.039	2.23	3.31	1.48	<0.001	<0.002	22.8	0.003	0.97	0.14	2.45	0.249	0.11	701
VINE20E_DFN-027		0.017	0.035	4.21	3.55	1.06	<0.001	<0.002	17.70	0.003	1.01	0.13	2.30	0.275	0.12	674
VINE20E_DFN-028		0.011	0.023	1.93	4.25	1.00	0.001	<0.002	28.6	<0.001	1.22	0.09	1.83	0.396	0.10	543
VINE20E_DFN-029		0.013	0.026	3.57	3.58	1.35	0.002	<0.002	22.8	0.001	1.25	0.11	2.21	0.255	0.16	410
VINE20E_DFN-030		0.011	0.017	1.33	2.09	0.81	<0.001	<0.002	10.80	0.002	0.67	0.07	1.35	0.187	0.08	1015
VINE20E_DFN-031		0.061	0.130	3.27	3.03	3.20	0.002	<0.002	11.05	0.004	0.84	0.29	2.07	0.363	0.32	885
VINE20E_DFN-032		0.030	0.060	7.08	3.36	2.39	0.003	<0.002	21.5	0.003	1.15	0.23	2.51	0.228	0.20	1070
VINE20E_DFN-033		0.017	0.031	3.97	4.08	1.50	0.002	<0.002	23.1	0.004	0.85	0.13	1.80	0.186	0.17	1015
VINE20E_DFN-034		0.025	0.052	7.05	3.51	1.57	0.001	<0.002	24.7	0.002	0.87	0.15	1.56	0.127	0.14	1195
VINE20E_DFN-035		0.013	0.028	3.65	3.27	0.94	0.003	<0.002	17.00	0.001	0.74	0.10	1.87	0.144	0.13	1085
VINE20E_DFN-036		0.011	0.027	2.60	3.73	1.11	0.002	<0.002	15.50	0.001	0.76	0.08	1.76	0.116	0.11	1335
VINE20E_DFN-037		0.015	0.025	4.30	3.18	0.81	0.005	<0.002	14.00	0.003	0.70	0.09	1.45	0.210	0.07	1390
VINE20E_DFN-038		0.021	0.053	3.42	2.19	1.35	<0.001	<0.002	17.30	0.001	0.66	0.10	1.55	0.135	0.09	1305
VINE20E_DFN-039		0.011	0.025	4.33	3.89	1.05	0.002	0.002	34.5	<0.001	0.92	0.09	2.19	0.253	0.09	681
VINE20E_DFN-040A		0.010	0.029	2.86	2.26	1.06	0.003	<0.002	13.60	0.001	0.65	0.12	1.90	0.182	0.08	888
VINE20E_DFN-040B		0.012	0.020	2.10	2.79	0.90	0.002	0.002	10.45	0.001	0.76	0.17	1.62	0.256	0.08	787

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 9-JUN-2020
Account: PJXRES

Project: VINE EAST

CERTIFICATE OF ANALYSIS VA20100734

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Ta ppm 0.001	ME-VEG41a Te ppm 0.02	ME-VEG41a Th ppm 0.002	ME-VEG41a Ti % 0.001	ME-VEG41a Tl ppm 0.002	ME-VEG41a U ppm 0.005	ME-VEG41a V ppm 0.05	ME-VEG41a W ppm 0.01	ME-VEG41a Y ppm 0.003	ME-VEG41a Zn ppm 0.1	ME-VEG41a Zr ppm 0.02
VINE20E_DFN-001		<0.001	<0.02	0.614	0.012	0.023	0.198	6.39	0.34	1.315	178.0	1.87
VINE20E_DFN-001C		0.012	<0.02	0.561	0.015	0.325	0.172	12.90	0.52	1.600	1360	2.19
VINE20E_DFN-004		<0.001	<0.02	0.299	0.006	0.035	0.086	3.79	0.19	0.828	475	1.32
VINE20E_DFN-005		<0.001	<0.02	0.096	0.003	0.016	0.030	1.65	0.25	0.746	646	0.66
VINE20E_DFN-006		<0.001	<0.02	0.177	0.005	0.013	0.031	2.54	0.17	0.734	316	0.82
VINE20E_DFN-007		<0.001	0.02	0.292	0.005	0.040	0.080	2.66	0.23	0.548	566	0.96
VINE20E_DFN-008		<0.001	<0.02	0.076	0.002	0.042	0.026	1.31	0.07	0.354	1085	0.55
VINE20E_DFN-009		<0.001	<0.02	0.075	0.003	0.015	0.021	1.43	0.07	0.264	997	0.62
VINE20E_DFN-010		<0.001	<0.02	0.193	0.004	0.039	0.123	2.30	0.18	0.533	509	1.00
VINE20E_DFN-013		<0.001	0.02	0.180	0.005	0.008	0.035	2.57	0.22	0.622	669	1.03
VINE20E_DFN-014		<0.001	<0.02	0.100	0.003	0.015	0.026	1.53	0.17	0.793	677	0.68
VINE20E_DFN-015		<0.001	<0.02	0.149	0.004	0.029	0.060	2.09	0.20	0.703	1235	0.79
VINE20E_DFN-016		<0.001	0.02	0.192	0.005	0.018	0.102	2.57	0.15	0.444	278	0.84
VINE20E_DFN-017		<0.001	0.02	0.092	0.002	0.002	0.076	1.29	0.10	0.260	719	0.56
VINE20E_DFN-018		<0.001	<0.02	0.067	0.002	0.007	0.043	1.20	0.07	0.366	645	0.49
VINE20E_DFN-019A		<0.001	<0.02	0.060	0.002	0.008	0.023	1.10	0.08	0.254	1340	0.45
VINE20E_DFN-019B		<0.001	0.02	0.069	0.002	0.003	0.017	1.24	0.10	0.356	772	0.50
VINE20E_DFN-019C		0.011	0.05	0.607	0.015	0.345	0.177	12.50	0.49	1.590	1420	2.07
VINE20E_DFN-020		<0.001	0.02	0.123	0.003	0.021	0.027	1.64	0.14	0.936	784	0.67
VINE20E_DFN-021		<0.001	<0.02	0.171	0.005	0.009	0.046	2.16	0.21	0.459	694	1.10
VINE20E_DFN-022		<0.001	0.02	0.372	0.010	0.012	0.060	4.44	0.39	1.050	309	1.18
VINE20E_DFN-023		<0.001	<0.02	0.103	0.003	0.014	0.021	1.47	0.13	0.634	638	0.59
VINE20E_DFN-024		<0.001	<0.02	0.111	0.003	0.006	0.022	1.76	0.15	0.319	469	0.70
VINE20E_DFN-025		<0.001	<0.02	0.118	0.003	0.018	0.030	1.86	0.16	1.135	1290	0.75
VINE20E_DFN-026		<0.001	<0.02	0.154	0.004	0.052	0.040	2.23	0.14	0.418	673	0.72
VINE20E_DFN-027		<0.001	0.02	0.215	0.003	0.010	0.107	2.19	0.12	0.397	769	0.60
VINE20E_DFN-028		<0.001	<0.02	0.064	0.002	0.006	0.023	1.20	0.07	0.272	949	0.47
VINE20E_DFN-029		<0.001	<0.02	0.090	0.003	0.004	0.016	1.41	0.10	0.523	908	0.89
VINE20E_DFN-030		<0.001	0.02	0.061	0.002	0.047	0.098	0.95	0.09	0.208	649	0.45
VINE20E_DFN-031		<0.001	<0.02	0.439	0.011	0.032	0.118	5.63	0.47	0.928	338	1.06
VINE20E_DFN-032		<0.001	<0.02	0.220	0.005	0.007	0.039	2.78	0.40	1.090	534	1.17
VINE20E_DFN-033		<0.001	<0.02	0.117	0.003	0.015	0.022	1.64	0.21	0.582	501	0.70
VINE20E_DFN-034		<0.001	<0.02	0.122	0.004	0.026	0.023	1.96	0.21	0.741	684	0.72
VINE20E_DFN-035		<0.001	<0.02	0.140	0.003	0.021	0.027	1.80	0.14	0.631	431	0.59
VINE20E_DFN-036		<0.001	<0.02	0.084	0.002	0.028	0.017	1.28	0.10	0.424	819	0.53
VINE20E_DFN-037		<0.001	0.02	0.080	0.002	0.009	0.022	1.26	0.09	0.477	603	0.46
VINE20E_DFN-038		<0.001	<0.02	0.252	0.004	0.036	0.039	2.53	0.09	0.780	844	0.77
VINE20E_DFN-039		<0.001	0.02	0.073	0.002	0.020	0.018	1.19	0.10	0.275	724	0.56
VINE20E_DFN-040A		<0.001	<0.02	0.079	0.002	0.050	0.021	1.36	0.10	0.617	771	0.59
VINE20E_DFN-040B		<0.001	0.02	0.078	0.002	0.020	0.017	1.25	0.10	0.566	889	0.51

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 9-JUN-2020
Account: PJXRES

Project: VINE EAST

CERTIFICATE OF ANALYSIS VA20100734

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	VEG-ASH01 WT. SAMP g 0.01	VEG-ASH01 WT. ASH g 0.01	ME-VEG41a Au ppm 0.0002	ME-VEG41a Ag ppm 0.001	ME-VEG41a Al % 0.01	ME-VEG41a As ppm 0.01	ME-VEG41a B ppm 1	ME-VEG41a Ba ppm 0.1	ME-VEG41a Be ppm 0.01	ME-VEG41a Bi ppm 0.001	ME-VEG41a Ca % 0.01	ME-VEG41a Cd ppm 0.001	ME-VEG41a Ce ppm 0.003	ME-VEG41a Co ppm 0.002
VINE20E_DFN-040C		<0.02			0.0047	0.136	1.04	6.94	462	926	0.26	0.143	18.95	2.52	5.95	3.27
VINE20E_DFN-041		0.06	28.3	0.99	0.0008	0.326	0.55	13.10	487	1565	0.05	0.017	22.6	3.28	4.52	4.56
VINE20E_DFN-042		0.06	28.4	1.10	0.0006	0.315	0.38	11.10	416	2130	0.03	0.012	24.7	1.625	0.727	2.86
VINE20E_DFN-043		0.06	29.8	0.96	0.0010	0.138	0.20	3.49	243	1825	0.02	0.021	16.00	0.357	1.160	2.02
VINE20E_DFN-044		0.06	30.2	0.80	0.0009	0.519	0.24	102.0	301	870	0.03	0.028	19.00	0.568	1.200	7.39
VINE20E_DFN-045		0.06	29.0	1.11	0.0005	0.854	0.24	43.2	208	1805	0.03	0.017	20.2	0.761	1.920	6.07
VINE20E_DFN-046		0.06	29.1	0.78	0.0007	0.490	0.36	4.64	511	588	0.04	0.019	18.15	0.929	1.025	2.12
VINE20E_DFN-047		0.06	31.0	1.33	0.0008	0.374	0.31	1.19	433	2620	0.03	0.019	19.90	0.587	1.570	1.570
VINE20E_DFN-048		0.06	31.6	1.24	0.0008	0.170	0.16	18.65	407	1880	0.03	0.026	25.5	1.080	1.855	3.10
VINE20E_DFN-049		0.06	30.6	1.50	0.0006	0.134	0.24	0.89	343	1865	0.01	0.013	23.1	0.909	0.640	1.320
VINE20E_DFN-050		0.06	28.9	1.60	0.0007	0.136	0.34	2.28	683	1790	0.02	0.014	24.3	0.460	0.524	1.950
VINE20E_DFN-051		0.06	27.9	0.95	0.0009	0.198	0.19	4.90	685	1750	0.03	0.014	20.0	1.360	0.836	3.56
VINE20E_DFN-052		0.06	28.1	0.80	0.0013	0.208	0.20	157.0	395	801	0.04	0.017	16.85	1.070	1.570	3.57
VINE20E_DFN-053		0.06	28.0	1.23	0.0008	0.097	0.22	217	454	2530	0.04	0.023	20.1	0.611	1.475	1.885
VINE20E_DFN-054		0.06	31.3	0.92	0.0003	0.161	0.26	1.96	732	2160	0.06	0.024	17.40	1.065	1.870	1.480
VINE20E_DFN-055		0.06	27.6	0.94	0.0009	0.558	0.34	113.0	329	1900	0.04	0.020	19.00	0.341	1.485	2.07
VINE20E_DFN-056		0.06	30.4	0.93	0.0008	0.362	0.30	2.98	760	1210	0.04	0.017	16.40	0.296	0.988	1.435
VINE20E_DFN-057		0.06	26.9	1.24	0.0003	0.192	0.18	0.90	511	2280	0.04	0.008	23.1	1.365	2.72	2.85
VINE20E_DFN-058		0.06	34.0	1.51	0.0007	0.352	0.28	3.31	407	2780	0.03	0.016	21.4	0.559	2.13	2.09
VINE20E_DFN-059		0.06	28.6	0.80	0.0008	0.154	0.13	2.27	483	647	0.02	0.017	19.75	1.680	1.075	2.07
VINE20E_DFN-060A		0.06	26.8	1.30	0.0006	0.240	0.18	4.40	656	2260	0.01	0.008	20.3	0.822	0.543	1.395
VINE20E_DFN-060B		0.06	27.0	0.89	0.0007	0.481	0.24	4.05	789	744	0.02	0.018	18.80	0.535	0.698	2.73
VINE20E_DFN-060C		<0.02			0.0040	0.136	0.98	7.57	450	882	0.32	0.135	18.05	2.59	5.86	3.10
VINE20E_DFN-061		0.06	29.0	1.06	0.0006	0.106	0.17	2.60	396	1385	0.01	0.011	16.50	1.240	0.380	0.980
VINE20E_DFN-062		0.06	29.7	1.07	0.0003	0.073	0.10	1.10	701	716	0.01	0.012	17.45	0.718	0.583	1.240
VINE20E_DFN-063		0.06	30.3	1.15	0.0009	0.364	0.23	46.2	1100	1315	0.04	0.025	20.2	0.695	1.245	1.560
VINE20E_DFN-064		0.06	29.3	1.03	0.0004	0.186	0.22	1.51	642	975	0.03	0.023	16.30	1.550	1.535	2.12
VINE20E_DFN-065		0.06	29.6	1.06	0.0005	0.658	0.23	3.75	611	734	0.05	0.016	20.5	1.010	2.40	2.80
VINE20E_DFN-066		0.06	29.1	0.92	0.0008	0.501	0.14	0.79	840	1310	0.03	0.013	20.0	0.571	1.195	1.235
VINE20E_DFN-067		0.06	29.9	1.06	0.0006	0.465	0.29	520	161	806	0.04	0.023	21.8	0.586	1.330	8.47
VINE20E_DFN-068		0.06	28.8	0.89	0.0007	0.567	0.19	14.55	594	1600	0.06	0.012	17.70	1.100	2.83	4.46
VINE20E_DFN-069		0.06	28.3	0.97	0.0009	0.398	0.18	1.17	522	1705	0.02	0.011	20.8	0.676	1.600	1.695
VINE20E_DFN-070		0.06	29.0	0.95	0.0003	0.575	0.79	15.05	347	1575	0.05	0.037	18.05	0.504	3.01	2.49
VINE20E_DFN-071		0.06	28.4	1.51	0.0016	0.221	0.33	1.15	425	2400	0.03	0.018	24.7	1.210	1.090	2.95
VINE20E_DFN-072		0.06	29.5	0.90	0.0006	0.193	0.15	4.00	743	1160	0.01	0.018	20.0	0.425	0.654	1.375
VINE20E_DFN-073		0.06	30.0	1.18	0.0007	0.156	0.14	2.08	648	586	0.01	0.010	14.85	0.483	0.482	2.35
VINE20E_DFN-074		0.06	28.7	1.14	0.0003	0.549	0.11	1.54	662	754	0.03	0.019	18.60	0.846	0.697	1.885
VINE20E_DFN-075		0.06	29.7	0.97	0.0007	0.391	0.12	2.83	746	1050	0.03	0.017	18.15	1.275	0.671	2.22
VINE20E_DFN-076		0.06	29.7	0.96	0.0011	0.230	0.18	2.73	349	1255	0.07	0.027	19.70	0.828	1.030	1.690
VINE20E_DFN-077		0.06	29.3	0.89	0.0009	0.165	0.17	1.20	743	449	0.02	0.016	17.90	0.958	0.861	2.59

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 9-JUN-2020
Account: PJXRES

Project: VINE EAST

CERTIFICATE OF ANALYSIS VA20100734

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Cr ppm 0.01	ME-VEG41a Cs ppm 0.005	ME-VEG41a Cu ppm 0.01	ME-VEG41a Fe ppm 1	ME-VEG41a Ga ppm 0.004	ME-VEG41a Ge ppm 0.005	ME-VEG41a Hf ppm 0.002	ME-VEG41a Hg ppm 0.001	ME-VEG41a In ppm 0.005	ME-VEG41a K % 0.01	ME-VEG41a La ppm 0.002	ME-VEG41a Li ppm 0.1	ME-VEG41a Mg % 0.001	ME-VEG41a Mn ppm 0.1	ME-VEG41a Mo ppm 0.01
VINE20E_DFN-040C		11.95	4.18	106.0	4500	0.991	0.023	0.046	0.033	0.017	>10.0	3.12	3.4	2.38	31800	1.00
VINE20E_DFN-041		1.34	0.117	41.6	1300	0.271	0.011	0.023	<0.001	<0.005	9.53	4.40	0.6	3.00	12000	0.54
VINE20E_DFN-042		1.07	0.091	32.5	968	0.177	<0.005	0.012	0.001	<0.005	7.97	0.648	0.7	1.980	8050	0.37
VINE20E_DFN-043		1.72	0.153	53.8	1500	0.245	0.010	0.027	<0.001	<0.005	>10.0	0.719	1.2	4.50	2210	0.63
VINE20E_DFN-044		2.21	0.200	66.7	1500	0.275	0.006	0.018	<0.001	<0.005	>10.0	0.725	0.8	2.23	7160	0.84
VINE20E_DFN-045		1.92	0.111	41.0	1100	0.206	0.005	0.020	<0.001	<0.005	>10.0	1.760	2.2	3.45	10300	0.35
VINE20E_DFN-046		1.45	0.127	72.7	1300	0.263	0.008	0.015	<0.001	<0.005	>10.0	1.150	0.6	2.28	11350	0.70
VINE20E_DFN-047		1.78	0.203	29.0	1800	0.363	0.007	0.017	<0.001	<0.005	>10.0	1.225	0.9	3.16	20200	0.39
VINE20E_DFN-048		2.21	0.148	29.6	1500	0.273	0.007	0.019	<0.001	<0.005	8.61	1.270	1.4	2.00	14050	0.38
VINE20E_DFN-049		1.03	0.117	30.7	930	0.154	<0.005	0.011	<0.001	<0.005	8.35	0.439	0.5	2.64	10200	0.24
VINE20E_DFN-050		1.03	0.086	18.55	683	0.175	<0.005	0.010	<0.001	<0.005	5.67	0.381	0.4	2.87	14200	0.26
VINE20E_DFN-051		1.43	0.081	42.5	868	0.169	<0.005	0.016	<0.001	<0.005	>10.0	0.795	0.4	2.49	17100	0.47
VINE20E_DFN-052		1.58	0.119	48.6	1100	0.207	0.006	0.015	0.001	<0.005	>10.0	1.615	0.6	2.76	12850	1.38
VINE20E_DFN-053		2.60	0.165	45.5	1800	0.344	0.009	0.027	<0.001	<0.005	8.85	0.828	3.1	2.16	14200	1.71
VINE20E_DFN-054		2.26	0.186	42.1	2100	0.391	0.009	0.024	0.001	0.005	>10.0	1.410	1.4	3.13	13600	0.49
VINE20E_DFN-055		1.78	0.169	52.0	1500	0.280	0.006	0.018	<0.001	<0.005	>10.0	1.155	1.3	2.90	7750	0.74
VINE20E_DFN-056		2.07	0.128	56.5	1300	0.288	0.008	0.022	<0.001	<0.005	>10.0	0.910	0.8	3.07	16800	0.73
VINE20E_DFN-057		1.00	0.060	31.9	827	0.154	0.005	0.009	0.003	<0.005	>10.0	2.15	0.4	1.200	13400	0.24
VINE20E_DFN-058		1.18	0.091	48.1	1200	0.198	0.006	0.019	<0.001	<0.005	9.04	4.20	1.5	3.16	7090	0.51
VINE20E_DFN-059		1.05	0.094	53.6	1100	0.177	0.006	0.011	<0.001	<0.005	>10.0	0.833	0.4	3.44	15200	1.24
VINE20E_DFN-060A		1.12	0.100	23.4	683	0.136	<0.005	0.010	<0.001	<0.005	9.79	0.366	0.3	1.780	13700	0.77
VINE20E_DFN-060B		1.34	0.056	37.7	890	0.175	<0.005	0.012	<0.001	<0.005	9.55	0.471	0.6	3.19	20000	1.03
VINE20E_DFN-060C		11.20	4.06	100.5	4300	0.914	0.020	0.049	0.030	0.013	>10.0	3.07	3.6	2.28	30300	1.03
VINE20E_DFN-061		1.10	0.043	48.6	881	0.164	<0.005	0.010	<0.001	<0.005	>10.0	0.291	0.5	3.22	8970	0.35
VINE20E_DFN-062		1.22	0.147	47.2	1000	0.166	<0.005	0.014	<0.001	0.005	>10.0	0.359	0.5	2.72	11500	0.63
VINE20E_DFN-063		2.02	0.160	36.6	1400	0.291	0.006	0.023	<0.001	<0.005	>10.0	0.904	1.1	2.86	10950	0.51
VINE20E_DFN-064		2.69	0.233	40.3	1700	0.415	0.010	0.020	<0.001	<0.005	>10.0	0.905	1.9	2.52	33600	1.37
VINE20E_DFN-065		1.51	0.270	47.9	1300	0.300	<0.005	0.026	0.001	0.005	10.00	1.840	1.1	2.37	12700	0.84
VINE20E_DFN-066		1.35	0.127	46.5	1200	0.211	<0.005	0.017	<0.001	0.006	>10.0	1.070	0.8	2.54	9700	0.31
VINE20E_DFN-067		1.47	0.170	46.8	1000	0.176	<0.005	0.014	<0.001	<0.005	>10.0	1.355	0.5	2.21	4520	0.36
VINE20E_DFN-068		1.56	0.189	49.3	1300	0.194	0.007	0.018	<0.001	0.005	>10.0	3.20	0.8	3.17	8380	0.37
VINE20E_DFN-069		1.18	0.082	45.3	1000	0.142	0.005	0.011	<0.001	<0.005	>10.0	1.905	0.5	3.33	5360	0.30
VINE20E_DFN-070		3.02	0.244	66.6	2800	0.513	0.006	0.028	0.004	<0.005	>10.0	1.885	1.4	2.70	4060	1.05
VINE20E_DFN-071		1.17	0.058	28.1	933	0.198	0.008	0.009	0.001	0.005	5.51	0.937	0.5	1.920	10950	0.31
VINE20E_DFN-072		1.30	0.089	54.3	1000	0.169	0.005	0.015	0.001	0.005	>10.0	0.417	0.5	3.20	6100	0.37
VINE20E_DFN-073		1.08	0.058	43.9	808	0.142	0.005	0.010	0.001	<0.005	>10.0	0.337	0.4	1.880	13150	0.60
VINE20E_DFN-074		2.89	0.132	39.3	900	0.186	0.006	0.019	0.006	<0.005	>10.0	0.546	0.7	2.50	9460	0.54
VINE20E_DFN-075		1.52	0.126	50.1	967	0.156	<0.005	0.012	<0.001	<0.005	>10.0	0.449	0.5	4.55	11450	1.16
VINE20E_DFN-076		2.13	0.256	33.5	1200	0.259	0.005	0.022	0.001	0.007	>10.0	0.639	0.9	2.73	7870	0.54
VINE20E_DFN-077		1.73	0.136	57.2	1100	0.204	<0.005	0.014	0.001	<0.005	>10.0	0.589	0.7	3.06	13500	0.71

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 9-JUN-2020
Account: PJXRES

Project: VINE EAST

CERTIFICATE OF ANALYSIS VA20100734

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Na % 0.001	ME-VEG41a Nb ppm 0.002	ME-VEG41a Ni ppm 0.04	ME-VEG41a P % 0.001	ME-VEG41a Pb ppm 0.01	ME-VEG41a Pd ppm 0.001	ME-VEG41a Pt ppm 0.002	ME-VEG41a Rb ppm 0.01	ME-VEG41a Re ppm 0.001	ME-VEG41a S % 0.01	ME-VEG41a Sb ppm 0.01	ME-VEG41a Sc ppm 0.01	ME-VEG41a Se ppm 0.005	ME-VEG41a Sn ppm 0.01	ME-VEG41a Sr ppm 0.02
VINE20E_DFN-040C		0.127	0.459	60.8	3.74	56.8	0.004	0.004	256	0.004	1.59	0.38	1.90	0.920	0.96	821
VINE20E_DFN-041		0.016	0.039	16.85	3.52	1.60	<0.001	<0.002	22.5	0.005	1.10	0.13	1.62	0.381	0.11	947
VINE20E_DFN-042		0.017	0.025	3.21	2.54	1.02	0.002	<0.002	15.35	0.005	0.83	0.10	1.81	0.287	0.07	1420
VINE20E_DFN-043		0.019	0.063	10.60	4.23	1.54	0.002	0.002	19.35	<0.001	0.84	0.15	2.37	0.336	0.11	1450
VINE20E_DFN-044		0.020	0.054	23.4	4.05	1.87	0.002	<0.002	26.9	0.003	1.33	0.19	2.23	0.476	0.17	1075
VINE20E_DFN-045		0.016	0.034	18.65	3.66	1.44	0.003	0.002	25.0	0.004	0.96	0.14	1.99	0.338	0.10	1335
VINE20E_DFN-046		0.014	0.048	4.87	3.88	1.17	0.002	<0.002	38.6	0.008	1.18	0.14	1.86	0.205	0.13	752
VINE20E_DFN-047		0.015	0.055	1.96	3.13	1.60	0.002	0.002	18.25	0.002	0.71	0.11	2.11	0.136	0.10	1320
VINE20E_DFN-048		0.017	0.051	5.90	2.64	1.58	0.001	<0.002	14.70	0.001	0.89	0.14	1.81	0.310	0.11	925
VINE20E_DFN-049		0.017	0.024	2.23	2.80	1.01	0.002	<0.002	13.20	<0.001	0.65	0.09	1.95	0.234	0.08	1270
VINE20E_DFN-050		0.016	0.024	1.86	2.90	0.81	0.003	0.002	7.21	0.001	0.66	0.08	2.48	0.619	0.07	1075
VINE20E_DFN-051		0.012	0.034	2.94	3.33	1.16	0.003	<0.002	15.90	0.001	0.83	0.10	1.82	0.185	0.08	1155
VINE20E_DFN-052		0.013	0.028	6.44	4.08	1.23	0.004	<0.002	51.8	0.002	1.14	0.13	1.46	0.227	0.11	960
VINE20E_DFN-053		0.029	0.037	3.80	2.85	1.94	<0.001	0.002	17.00	0.004	0.81	0.13	1.75	0.345	0.12	727
VINE20E_DFN-054		0.027	0.056	4.02	3.42	1.88	0.003	<0.002	31.8	0.004	0.88	0.19	1.77	0.152	0.15	851
VINE20E_DFN-055		0.018	0.056	3.36	3.55	1.75	0.003	0.002	45.4	0.002	0.88	0.17	1.80	0.253	0.15	1240
VINE20E_DFN-056		0.018	0.047	5.32	3.53	1.29	0.003	<0.002	25.1	0.004	1.40	0.13	1.87	0.265	0.12	923
VINE20E_DFN-057		0.015	0.026	8.09	2.51	0.92	0.001	0.002	17.85	0.002	0.77	0.07	1.60	0.126	0.07	1390
VINE20E_DFN-058		0.022	0.053	8.43	3.11	1.15	0.008	0.002	15.35	0.003	0.67	0.13	2.15	0.110	0.11	2670
VINE20E_DFN-059		0.011	0.033	1.84	3.82	1.16	0.003	<0.002	25.1	0.002	1.20	0.10	1.79	0.172	0.12	912
VINE20E_DFN-060A		0.012	0.017	1.69	2.27	0.77	0.005	<0.002	10.75	0.001	0.73	0.06	1.63	0.380	0.07	1550
VINE20E_DFN-060B		0.012	0.022	2.17	3.87	1.10	<0.001	<0.002	11.55	0.002	1.23	0.10	1.98	0.346	0.08	1405
VINE20E_DFN-060C		0.123	0.411	57.4	3.59	54.2	0.004	0.002	244	0.004	1.51	0.38	1.91	0.872	0.97	777
VINE20E_DFN-061		0.013	0.020	3.65	3.75	0.85	<0.001	<0.002	12.25	<0.001	1.05	0.11	1.67	0.272	0.10	1055
VINE20E_DFN-062		0.011	0.037	5.08	4.83	1.48	0.002	<0.002	27.7	0.001	1.20	0.18	2.13	0.192	0.08	808
VINE20E_DFN-063		0.020	0.054	7.83	3.52	2.15	0.001	<0.002	10.65	0.008	1.05	0.16	1.57	0.277	0.15	727
VINE20E_DFN-064		0.022	0.063	10.55	3.37	2.33	<0.001	0.002	27.3	0.006	1.17	0.17	2.12	0.276	0.17	614
VINE20E_DFN-065		0.016	0.036	7.29	3.10	1.78	0.004	<0.002	38.6	0.003	1.07	0.16	1.79	0.405	0.15	1800
VINE20E_DFN-066		0.017	0.033	4.08	2.76	2.04	0.003	<0.002	22.9	0.001	0.78	0.10	1.76	0.209	0.11	1040
VINE20E_DFN-067		0.013	0.040	27.7	4.50	1.22	0.001	<0.002	26.0	0.003	0.98	0.12	1.67	0.372	0.11	533
VINE20E_DFN-068		0.016	0.036	4.50	3.61	1.77	<0.001	<0.002	23.4	0.004	1.30	0.15	1.85	0.342	0.10	671
VINE20E_DFN-069		0.014	0.026	6.75	3.42	0.99	0.004	0.002	10.40	0.003	0.91	0.11	1.86	0.196	0.08	1285
VINE20E_DFN-070		0.020	0.124	8.39	4.11	2.60	0.007	<0.002	30.0	0.004	1.22	0.16	2.36	0.437	0.13	1155
VINE20E_DFN-071		0.012	0.031	2.02	2.28	1.09	0.005	0.002	6.41	0.003	0.51	0.12	1.61	0.264	0.10	2260
VINE20E_DFN-072		0.012	0.033	6.19	3.71	1.86	<0.001	0.002	18.25	0.003	0.99	0.11	1.80	0.427	0.13	520
VINE20E_DFN-073		0.009	0.023	2.84	3.91	0.89	<0.001	<0.002	12.35	0.002	1.18	0.10	1.78	0.622	0.06	490
VINE20E_DFN-074		0.014	0.033	3.27	3.60	1.12	0.004	0.003	25.0	<0.001	0.97	0.10	2.14	0.284	0.11	1030
VINE20E_DFN-075		0.011	0.031	9.73	4.34	1.17	0.001	<0.002	19.30	0.002	0.83	0.12	2.30	0.117	0.09	555
VINE20E_DFN-076		0.016	0.039	1.80	3.08	2.34	0.001	<0.002	25.6	0.001	0.87	0.19	1.69	0.310	0.17	489
VINE20E_DFN-077		0.021	0.046	14.40	3.77	1.83	<0.001	<0.002	22.4	0.003	1.25	0.13	1.85	0.182	0.08	429

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 9-JUN-2020
Account: PJXRES

Project: VINE EAST

CERTIFICATE OF ANALYSIS VA20100734

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Ta ppm 0.001	ME-VEG41a Te ppm 0.02	ME-VEG41a Th ppm 0.002	ME-VEG41a Ti % 0.001	ME-VEG41a Tl ppm 0.002	ME-VEG41a U ppm 0.005	ME-VEG41a V ppm 0.05	ME-VEG41a W ppm 0.01	ME-VEG41a Y ppm 0.003	ME-VEG41a Zn ppm 0.1	ME-VEG41a Zr ppm 0.02
VINE20E_DFN-040C		0.012	0.02	0.673	0.016	0.371	0.184	13.20	0.60	1.595	1445	2.19
VINE20E_DFN-041		<0.001	<0.02	0.109	0.003	0.076	0.092	1.61	0.14	9.70	758	0.67
VINE20E_DFN-042		<0.001	0.04	0.087	0.002	0.048	0.034	1.20	0.12	0.487	538	0.52
VINE20E_DFN-043		<0.001	0.06	0.178	0.004	0.025	0.049	2.27	0.28	0.597	489	1.00
VINE20E_DFN-044		<0.001	<0.02	0.167	0.005	0.014	0.033	2.51	0.36	0.570	528	0.91
VINE20E_DFN-045		<0.001	<0.02	0.112	0.003	0.080	0.034	1.82	0.16	1.755	502	0.67
VINE20E_DFN-046		<0.001	<0.02	0.134	0.003	0.031	0.029	1.75	0.14	1.230	670	0.72
VINE20E_DFN-047		<0.001	<0.02	0.221	0.005	0.050	0.030	2.39	0.12	0.822	791	1.16
VINE20E_DFN-048		<0.001	<0.02	0.210	0.004	0.028	0.037	2.24	0.39	0.938	825	0.81
VINE20E_DFN-049		<0.001	<0.02	0.080	0.002	0.034	0.020	1.23	0.10	0.337	693	0.52
VINE20E_DFN-050		<0.001	0.04	0.060	0.002	0.065	0.025	1.04	0.07	0.271	641	0.42
VINE20E_DFN-051		<0.001	<0.02	0.074	0.002	0.021	0.022	1.19	0.14	0.586	1065	0.55
VINE20E_DFN-052		<0.001	<0.02	0.106	0.003	0.097	0.045	1.57	0.17	1.780	476	0.67
VINE20E_DFN-053		<0.001	<0.02	0.202	0.006	0.071	0.107	2.79	0.22	0.554	483	1.06
VINE20E_DFN-054		<0.001	0.02	0.255	0.006	0.074	0.045	2.80	0.35	1.315	1075	1.05
VINE20E_DFN-055		<0.001	0.02	0.168	0.004	0.055	0.036	2.17	0.20	0.808	783	0.90
VINE20E_DFN-056		<0.001	<0.02	0.131	0.004	0.030	0.030	1.91	0.18	0.560	763	0.83
VINE20E_DFN-057		<0.001	<0.02	0.080	0.002	0.053	0.019	1.15	0.11	1.415	740	0.47
VINE20E_DFN-058		<0.001	<0.02	0.152	0.003	0.043	0.029	1.70	0.23	2.95	517	0.70
VINE20E_DFN-059		<0.001	<0.02	0.094	0.003	0.021	0.018	1.35	0.12	0.749	923	0.59
VINE20E_DFN-060A		<0.001	<0.02	0.063	0.002	0.043	0.015	0.96	0.07	0.231	517	0.40
VINE20E_DFN-060B		<0.001	0.02	0.068	0.002	0.060	0.022	1.10	0.08	0.314	857	0.48
VINE20E_DFN-060C		0.011	<0.02	0.640	0.015	0.386	0.178	12.25	0.58	1.475	1380	2.14
VINE20E_DFN-061		<0.001	<0.02	0.053	0.002	0.017	0.020	0.91	0.08	0.230	832	0.41
VINE20E_DFN-062		<0.001	<0.02	0.085	0.003	0.009	0.021	1.54	0.13	0.250	753	0.62
VINE20E_DFN-063		<0.001	<0.02	0.145	0.005	0.031	0.035	2.50	0.12	0.918	831	0.88
VINE20E_DFN-064		<0.001	<0.02	0.219	0.006	0.012	0.088	2.92	0.28	0.679	1300	0.96
VINE20E_DFN-065		<0.001	<0.02	0.145	0.004	0.068	0.037	2.08	0.15	1.670	634	0.97
VINE20E_DFN-066		<0.001	<0.02	0.128	0.003	0.021	0.025	1.59	0.15	0.999	546	0.71
VINE20E_DFN-067		<0.001	<0.02	0.104	0.003	0.044	0.028	1.45	0.17	0.965	449	0.68
VINE20E_DFN-068		<0.001	<0.02	0.138	0.004	0.038	0.042	1.65	0.22	1.955	1145	0.78
VINE20E_DFN-069		<0.001	<0.02	0.088	0.002	0.014	0.018	1.17	0.21	1.410	962	0.44
VINE20E_DFN-070		<0.001	0.05	0.672	0.007	0.017	0.099	3.86	0.22	1.405	910	1.12
VINE20E_DFN-071		<0.001	0.05	0.082	0.002	0.049	0.022	1.17	0.12	0.870	478	0.55
VINE20E_DFN-072		<0.001	<0.02	0.087	0.003	0.010	0.025	1.40	0.13	0.366	754	0.70
VINE20E_DFN-073		<0.001	<0.02	0.053	0.002	0.005	0.018	1.00	0.09	0.472	855	0.45
VINE20E_DFN-074		<0.001	<0.02	0.072	0.003	0.007	0.020	1.53	0.08	0.412	730	0.60
VINE20E_DFN-075		<0.001	<0.02	0.077	0.003	0.006	0.025	1.29	0.09	0.497	463	0.54
VINE20E_DFN-076		<0.001	<0.02	0.129	0.004	0.023	0.105	2.12	0.15	0.449	702	0.79
VINE20E_DFN-077		<0.001	<0.02	0.108	0.003	0.005	0.027	1.49	0.15	0.443	918	0.76

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 9-JUN-2020
Account: PJXRES

Project: VINE EAST

CERTIFICATE OF ANALYSIS VA20100734

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	VEG-ASH01 WT. SAMP g 0.01	VEG-ASH01 WT. ASH g 0.01	ME-VEG41a Au ppm 0.0002	ME-VEG41a Ag ppm 0.001	ME-VEG41a Al % 0.01	ME-VEG41a As ppm 0.01	ME-VEG41a B ppm 1	ME-VEG41a Ba ppm 0.1	ME-VEG41a Be ppm 0.01	ME-VEG41a Bi ppm 0.001	ME-VEG41a Ca % 0.01	ME-VEG41a Cd ppm 0.001	ME-VEG41a Ce ppm 0.003	ME-VEG41a Co ppm 0.002
VINE20E_DFN-078		0.06	29.7	1.25	0.0012	0.196	0.34	17.25	505	708	0.05	0.018	25.2	0.916	1.435	2.14
VINE20E_DFN-079		0.06	29.7	0.93	0.0008	0.563	0.42	53.6	375	1760	0.06	0.027	23.5	1.175	1.965	2.12
VINE20E_DFN-080A		0.06	29.8	0.87	0.0007	0.156	0.22	3.68	293	1540	0.06	0.024	19.35	0.796	2.22	4.68
VINE20E_DFN-080B		0.06	29.7	0.73	0.0011	0.246	0.27	12.60	279	1705	0.05	0.029	16.05	1.035	2.89	6.50
VINE20E_DFN-080C		<0.02			0.0030	0.148	0.96	5.50	434	866	0.33	0.142	17.65	2.34	5.59	2.98
VINE20E_DFN-081		0.06	29.8	1.05	0.0010	0.674	0.17	1.76	546	405	0.05	0.017	19.05	1.045	1.345	0.665
VINE20E_DFN-082		0.06	29.7	1.22	0.0006	0.460	0.28	3.02	628	604	0.08	0.019	18.75	0.906	3.82	1.570
VINE20E_DFN-083		0.06	29.5	0.97	0.0010	0.318	0.62	8.22	586	1015	0.03	0.014	15.65	1.490	0.668	3.75
VINE20E_DFN-084		0.06	29.9	1.29	0.0009	0.786	0.18	7.51	441	723	0.04	0.019	24.5	1.680	2.04	4.03
VINE20E_DFN-085		0.06	30.0	1.11	0.0011	0.533	0.15	2.67	551	564	0.03	0.012	20.8	0.588	0.740	1.200
VINE20E_DFN-086		0.06	29.9	1.61	0.0007	0.202	0.33	2.12	481	1050	0.03	0.015	21.6	1.020	0.698	1.010
VINE20E_DFN-087		0.06	29.7	1.21	0.0011	0.398	0.15	71.3	326	1425	0.04	0.014	22.0	0.786	1.190	3.12
VINE20E_DFN-088		0.06	30.4	1.18	0.0020	0.135	0.16	1.83	465	529	0.05	0.018	21.1	0.628	0.906	1.770
VINE20E_DFN-089		0.06	29.9	0.88	0.0002	0.200	0.23	22.7	503	387	0.08	0.025	13.20	1.005	1.410	2.21
VINE20E_DFN-090		0.06	30.0	0.91	<0.0002	1.005	0.30	6.91	646	956	0.10	0.025	15.70	1.145	3.55	7.19
VINE20E_DFN-091		0.06	29.8	0.66	0.0010	0.379	0.30	2.43	760	1180	0.06	0.027	16.55	1.275	2.06	2.90
VINE20E_DFN-092		0.06	29.2	1.09	0.0003	0.243	0.52	52.1	539	2570	0.07	0.019	17.55	1.695	2.05	3.34
VINE20E_DFN-093		0.06	29.7	1.17	0.0003	0.228	0.26	20.3	661	2280	0.06	0.015	23.0	0.928	1.515	1.940
VINE20E_DFN-094		0.06	29.4	1.29	0.0003	0.461	0.15	3.05	479	1100	0.05	0.019	24.5	1.030	5.89	2.84
VINE20E_DFN-095		0.06	29.5	1.39	0.0004	0.386	0.33	3.69	462	1265	0.03	0.012	26.0	0.425	0.758	0.681
VINE20E_DFN-096		0.06	29.3	0.89	0.0007	0.205	0.28	4.73	530	1860	0.05	0.017	19.95	1.490	1.255	2.11
VINE20E_DFN-097		0.06	30.2	1.19	0.0002	0.177	0.23	2.88	373	2230	0.03	0.011	22.1	0.841	1.055	1.350
VINE20E_DFN-098		0.06	30.6	1.07	0.0002	0.293	0.17	4.25	618	1390	0.03	0.014	19.20	1.210	0.619	1.495
VINE20E_DFN-099		0.06	30.0	1.28	0.0002	0.481	0.23	6.65	604	1175	0.04	0.019	19.70	1.290	1.200	2.01
VINE20E_DFN-100A		0.06	30.0	1.38	0.0004	0.786	0.10	78.0	817	999	0.02	0.017	24.0	0.479	0.935	3.31
VINE20E_DFN-100B		0.06	30.0	1.37	0.0003	1.320	0.13	7.20	564	470	0.04	0.016	19.35	1.000	1.350	2.93
VINE20E_DFN-100C		<0.02			0.0041	0.146	0.95	4.70	436	857	0.28	0.140	17.50	2.39	5.85	2.88
VINE20E_DFN-101		0.06	29.3	1.44	0.0006	0.444	0.10	9.34	540	1370	0.03	0.021	17.30	0.237	0.853	2.36
VINE20E_DFN-102		0.06	29.4	1.73	0.0004	0.296	0.17	307	451	472	0.03	0.009	19.45	1.010	0.781	2.31
VINE20E_DFN-103		0.06	29.9	0.97	0.0009	0.203	0.49	9.11	440	1335	0.06	0.026	19.65	1.005	1.265	2.10
VINE20E_DFN-104		0.06	30.0	1.04	0.0006	0.386	0.09	4.07	685	469	0.02	0.011	18.85	0.169	0.535	1.125
VINE20E_DFN-105		0.06	29.7	1.23	0.0003	0.302	0.49	14.45	233	1935	0.08	0.022	17.80	1.440	4.31	3.53
VINE20E_DFN-106		0.06	30.2	1.11	0.0004	0.879	0.20	8.75	427	1200	0.02	0.016	21.4	1.575	1.620	3.57
VINE20E_DFN-107		0.06	29.2	1.46	0.0005	0.152	0.20	1.04	316	1420	0.07	0.017	22.7	0.875	1.305	2.55
VINE20E_DFN-108		0.06	29.6	1.19	0.0005	0.941	0.12	1.26	601	1960	0.03	0.013	20.4	0.921	1.045	0.947
VINE20E_DFN-109		0.06	28.8	1.34	0.0008	0.207	0.35	3.83	433	1310	0.04	0.013	20.8	0.576	0.994	1.485
VINE20E_DFN-110		0.06	29.9	1.16	<0.0002	0.553	0.24	9.04	330	1670	0.04	0.014	19.90	1.450	1.035	2.24
VINE20E_DFN-111		0.06	29.4	0.98	0.0003	0.437	0.14	2.66	803	1790	0.01	0.017	18.10	0.940	0.898	1.365
VINE20E_DFN-112		0.06	30.1	1.65	0.0002	0.220	0.16	10.60	378	1580	0.04	0.011	26.9	1.465	0.927	2.38
VINE20E_DFN-113		0.06	30.0	1.48	<0.0002	0.346	0.18	66.2	397	1115	0.02	0.012	22.0	0.633	0.813	1.345

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 9-JUN-2020
Account: PJXRES

Project: VINE EAST

CERTIFICATE OF ANALYSIS VA20100734

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Cr ppm 0.01	ME-VEG41a Cs ppm 0.005	ME-VEG41a Cu ppm 0.01	ME-VEG41a Fe ppm 1	ME-VEG41a Ga ppm 0.004	ME-VEG41a Ge ppm 0.005	ME-VEG41a Hf ppm 0.002	ME-VEG41a Hg ppm 0.001	ME-VEG41a In ppm 0.005	ME-VEG41a K % 0.01	ME-VEG41a La ppm 0.002	ME-VEG41a Li ppm 0.1	ME-VEG41a Mg % 0.001	ME-VEG41a Mn ppm 0.1	ME-VEG41a Mo ppm 0.01
VINE20E_DFN-078		2.35	0.168	38.7	1400	0.306	<0.005	0.021	0.001	<0.005	>10.0	1.550	5.4	2.15	11200	0.61
VINE20E_DFN-079		2.12	0.271	41.6	2100	0.397	0.012	0.013	0.003	0.009	>10.0	1.880	1.4	2.96	5260	0.43
VINE20E_DFN-080A		2.51	0.218	57.7	1700	0.286	0.008	0.016	0.003	0.006	>10.0	1.610	1.7	2.56	6850	0.39
VINE20E_DFN-080B		4.31	0.191	62.4	1700	0.320	0.005	0.009	0.003	0.006	>10.0	2.36	1.6	3.96	7680	0.66
VINE20E_DFN-080C		10.95	3.92	97.2	4200	0.898	0.018	0.048	0.034	0.014	>10.0	2.91	3.9	2.23	29900	0.98
VINE20E_DFN-081		2.09	0.146	43.7	1300	0.232	<0.005	0.018	<0.001	0.005	>10.0	1.075	0.9	1.660	9520	0.65
VINE20E_DFN-082		1.47	0.109	35.7	1200	0.246	0.006	0.015	0.002	<0.005	9.93	5.01	0.7	2.02	15550	0.85
VINE20E_DFN-083		1.50	0.093	67.4	1100	0.270	<0.005	0.020	0.002	<0.005	>10.0	0.681	0.5	2.99	16750	0.80
VINE20E_DFN-084		2.25	0.106	23.5	986	0.219	0.006	0.018	0.001	<0.005	5.56	2.16	1.2	3.04	20600	0.41
VINE20E_DFN-085		1.81	0.093	35.9	928	0.157	<0.005	0.014	0.001	<0.005	>10.0	0.462	0.4	2.76	14650	0.79
VINE20E_DFN-086		1.14	0.077	27.9	857	0.202	<0.005	0.018	<0.001	<0.005	9.04	0.502	0.6	1.800	13250	0.39
VINE20E_DFN-087		1.45	0.084	31.5	775	0.148	0.006	0.012	0.002	<0.005	8.69	1.175	1.3	1.610	9650	0.59
VINE20E_DFN-088		1.26	0.094	33.5	900	0.197	<0.005	0.017	0.001	0.006	9.65	0.624	0.5	3.19	11550	0.81
VINE20E_DFN-089		1.88	0.293	46.3	1300	0.278	<0.005	0.015	0.001	<0.005	>10.0	1.515	0.7	3.52	16550	1.24
VINE20E_DFN-090		2.15	0.216	47.0	1400	0.282	0.005	0.022	<0.001	<0.005	>10.0	2.69	0.8	3.28	21300	0.36
VINE20E_DFN-091		2.23	0.175	66.1	1800	0.321	0.005	0.010	0.001	<0.005	>10.0	1.585	1.1	2.73	22900	0.44
VINE20E_DFN-092		1.48	0.121	49.4	1400	0.233	0.006	0.022	<0.001	<0.005	>10.0	3.62	0.8	2.77	8340	0.38
VINE20E_DFN-093		1.84	0.160	38.7	1500	0.271	0.005	0.022	<0.001	0.008	9.44	2.06	0.9	3.09	18750	0.82
VINE20E_DFN-094		1.58	0.133	29.4	1200	0.221	0.008	0.022	0.001	<0.005	8.57	6.76	0.7	1.850	11250	0.37
VINE20E_DFN-095		1.41	0.099	26.2	870	0.175	<0.005	0.012	<0.001	<0.005	7.10	1.315	2.5	1.930	7270	0.52
VINE20E_DFN-096		1.43	0.088	55.7	1100	0.190	0.005	0.023	0.001	0.006	>10.0	2.19	0.5	2.65	10250	0.45
VINE20E_DFN-097		0.93	0.052	29.3	781	0.150	<0.005	0.017	0.001	<0.005	8.32	1.485	4.4	3.03	11900	0.40
VINE20E_DFN-098		1.42	0.062	43.3	863	0.145	<0.005	0.013	<0.001	<0.005	>10.0	0.666	0.6	2.68	9620	0.85
VINE20E_DFN-099		2.78	0.136	30.8	1300	0.274	0.007	0.017	0.001	0.005	7.45	0.823	1.6	2.02	15400	0.71
VINE20E_DFN-100A		1.56	0.064	28.1	843	0.148	0.005	0.019	0.001	<0.005	7.96	0.788	0.8	2.51	6820	0.46
VINE20E_DFN-100B		1.87	0.100	30.6	953	0.196	<0.005	0.016	0.001	<0.005	>10.0	1.015	2.8	1.570	13400	0.44
VINE20E_DFN-100C		10.10	4.02	93.6	4200	0.898	0.017	0.049	0.043	0.009	>10.0	3.08	3.9	2.20	29700	0.94
VINE20E_DFN-101		1.24	0.075	20.8	813	0.163	<0.005	0.013	<0.001	<0.005	8.90	0.580	1.7	1.820	7500	0.68
VINE20E_DFN-102		1.91	0.065	65.4	1000	0.174	0.005	0.012	0.002	<0.005	9.42	0.667	2.3	2.82	6230	4.01
VINE20E_DFN-103		1.37	0.149	52.5	1300	0.401	0.005	0.024	<0.001	<0.005	>10.0	0.896	0.7	2.67	20800	0.68
VINE20E_DFN-104		2.13	0.176	44.9	900	0.123	0.005	0.011	<0.001	<0.005	>10.0	0.276	3.7	4.24	2040	0.65
VINE20E_DFN-105		2.35	0.248	41.8	1900	0.478	0.014	0.017	<0.001	0.005	>10.0	5.08	2.1	1.700	10500	0.34
VINE20E_DFN-106		1.91	0.183	47.2	1200	0.204	0.005	0.017	0.001	<0.005	>10.0	2.08	0.6	2.20	13150	0.45
VINE20E_DFN-107		1.91	0.100	21.2	966	0.251	0.007	0.018	0.002	0.006	7.07	0.905	0.7	1.670	23500	0.24
VINE20E_DFN-108		2.09	0.109	32.5	923	0.202	<0.005	0.013	0.001	<0.005	7.90	1.865	0.8	3.08	15750	0.43
VINE20E_DFN-109		1.40	0.083	28.5	891	0.178	0.010	0.018	<0.001	0.005	7.95	1.950	0.4	2.21	4790	0.49
VINE20E_DFN-110		1.09	0.113	36.5	995	0.152	0.005	0.022	0.001	<0.005	10.00	0.933	0.4	2.83	11500	0.51
VINE20E_DFN-111		1.35	0.073	38.4	939	0.189	<0.005	0.017	<0.001	<0.005	>10.0	1.200	0.5	2.35	14300	0.46
VINE20E_DFN-112		0.91	0.073	25.0	669	0.144	<0.005	0.010	0.001	<0.005	6.18	0.955	1.2	1.720	9400	0.31
VINE20E_DFN-113		1.18	0.083	27.7	870	0.175	<0.005	0.016	<0.001	<0.005	8.38	0.962	0.5	1.730	14650	0.92

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 9-JUN-2020
Account: PJXRES

Project: VINE EAST

CERTIFICATE OF ANALYSIS VA20100734

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Na % 0.001	ME-VEG41a Nb ppm 0.002	ME-VEG41a Ni ppm 0.04	ME-VEG41a P % 0.001	ME-VEG41a Pb ppm 0.01	ME-VEG41a Pd ppm 0.001	ME-VEG41a Pt ppm 0.002	ME-VEG41a Rb ppm 0.01	ME-VEG41a Re ppm 0.001	ME-VEG41a S % 0.01	ME-VEG41a Sb ppm 0.01	ME-VEG41a Sc ppm 0.01	ME-VEG41a Se ppm 0.005	ME-VEG41a Sn ppm 0.01	ME-VEG41a Sr ppm 0.02
VINE20E_DFN-078		0.038	0.057	5.67	2.33	1.77	<0.001	<0.002	22.0	0.008	1.26	0.12	1.82	0.320	0.11	583
VINE20E_DFN-079		0.037	0.089	3.50	2.84	2.42	<0.001	<0.002	40.6	0.002	0.80	0.20	1.74	0.242	0.17	1150
VINE20E_DFN-080A		0.024	0.072	13.30	3.33	2.15	<0.001	<0.002	38.9	0.004	0.87	0.17	1.85	0.215	0.12	1285
VINE20E_DFN-080B		0.021	0.071	6.91	4.62	2.45	0.005	0.002	28.0	0.001	0.94	0.22	1.74	0.253	0.15	1185
VINE20E_DFN-080C		0.127	0.412	59.0	3.51	54.6	0.007	0.004	240	0.004	1.47	0.39	1.88	0.919	0.95	765
VINE20E_DFN-081		0.023	0.043	3.83	2.98	1.88	<0.001	<0.002	19.60	0.005	1.37	0.12	1.82	0.252	0.15	1430
VINE20E_DFN-082		0.013	0.034	7.86	3.31	1.43	0.004	<0.002	10.60	0.003	0.85	0.09	1.65	0.387	0.09	1575
VINE20E_DFN-083		0.011	0.027	3.12	3.73	1.38	0.004	<0.002	24.8	0.002	1.15	0.10	1.70	0.505	0.10	1290
VINE20E_DFN-084		0.013	0.033	6.02	2.16	1.29	<0.001	<0.002	6.57	0.003	0.79	0.12	1.80	0.208	0.09	1415
VINE20E_DFN-085		0.010	0.019	1.31	2.96	1.03	<0.001	0.002	15.55	0.003	1.17	0.09	1.61	0.473	0.06	709
VINE20E_DFN-086		0.012	0.021	2.31	2.28	1.09	0.003	<0.002	10.20	0.002	0.56	0.09	1.58	0.247	0.08	1330
VINE20E_DFN-087		0.012	0.020	7.63	2.56	1.37	0.003	<0.002	15.30	0.002	0.88	0.11	1.54	0.348	0.11	770
VINE20E_DFN-088		0.013	0.028	5.79	3.00	1.56	0.001	0.002	7.69	0.001	1.00	0.15	1.95	0.290	0.12	838
VINE20E_DFN-089		0.014	0.040	16.10	4.49	2.53	<0.001	<0.002	40.5	0.002	1.36	0.15	1.26	0.241	0.16	727
VINE20E_DFN-090		0.015	0.045	13.05	>5.0	1.73	0.004	<0.002	54.7	0.002	1.36	0.18	1.47	0.270	0.14	1355
VINE20E_DFN-091		0.018	0.053	12.95	4.44	2.31	0.006	<0.002	45.9	0.002	0.91	0.17	1.56	0.246	0.15	725
VINE20E_DFN-092		0.017	0.048	9.42	3.45	1.51	<0.001	<0.002	19.70	0.001	0.71	0.12	2.07	0.122	0.12	882
VINE20E_DFN-093		0.019	0.043	4.92	2.86	1.56	0.003	<0.002	27.6	0.001	0.66	0.14	1.85	0.250	0.11	1170
VINE20E_DFN-094		0.016	0.050	7.91	2.35	1.50	0.004	<0.002	17.60	0.003	0.86	0.10	1.59	0.212	0.09	1430
VINE20E_DFN-095		0.011	0.026	3.72	2.24	1.18	0.002	<0.002	14.75	0.001	0.71	0.12	1.87	0.302	0.09	1690
VINE20E_DFN-096		0.010	0.038	5.89	3.27	1.80	0.007	<0.002	12.85	0.003	0.87	0.14	1.73	0.230	0.13	1180
VINE20E_DFN-097		0.008	0.018	1.82	2.43	1.05	0.002	<0.002	9.74	0.007	0.66	0.09	1.72	0.184	0.09	758
VINE20E_DFN-098		0.012	0.021	1.47	3.05	1.04	<0.001	<0.002	11.95	0.002	0.75	0.10	1.67	0.179	0.07	1800
VINE20E_DFN-099		0.020	0.029	3.43	3.23	1.77	0.004	<0.002	16.25	0.010	0.87	0.10	1.63	0.301	0.12	1085
VINE20E_DFN-100A		0.017	0.029	9.31	2.66	1.20	0.001	<0.002	3.43	0.004	0.93	0.25	0.99	0.139	0.09	755
VINE20E_DFN-100B		0.014	0.034	13.25	2.58	1.59	0.003	<0.002	16.50	0.004	1.32	0.09	1.33	0.097	0.06	857
VINE20E_DFN-100C		0.121	0.418	56.9	3.45	53.3	0.005	0.002	236	0.002	1.44	0.40	1.87	0.765	1.06	754
VINE20E_DFN-101		0.010	0.021	5.69	3.14	1.12	0.002	<0.002	13.95	0.007	0.76	0.08	1.03	0.208	0.11	989
VINE20E_DFN-102		0.008	0.025	5.25	3.47	1.10	<0.001	<0.002	20.4	0.004	0.96	0.09	1.57	0.217	0.06	1660
VINE20E_DFN-103		0.015	0.035	3.60	2.68	2.02	0.001	<0.002	38.2	0.002	0.92	0.20	2.10	0.235	0.16	410
VINE20E_DFN-104		0.015	0.033	1.00	2.64	1.49	0.001	<0.002	32.9	0.005	1.53	0.11	1.93	0.222	0.10	1085
VINE20E_DFN-105		0.027	0.059	11.50	3.28	2.31	0.008	<0.002	43.3	0.005	0.89	0.16	1.64	0.387	0.17	2000
VINE20E_DFN-106		0.016	0.038	8.40	3.00	1.73	0.006	<0.002	31.7	0.002	0.84	0.13	1.41	0.296	0.09	1620
VINE20E_DFN-107		0.015	0.027	3.21	1.710	2.71	0.003	<0.002	8.03	0.001	0.56	0.12	1.43	0.142	0.11	1020
VINE20E_DFN-108		0.010	0.024	5.79	2.80	1.50	0.001	<0.002	10.80	0.001	0.75	0.10	2.22	0.175	0.09	1075
VINE20E_DFN-109		0.008	0.025	3.55	2.48	1.18	<0.001	<0.002	17.75	0.001	0.73	0.13	1.76	0.229	0.08	1480
VINE20E_DFN-110		0.011	0.021	3.24	3.40	1.36	0.001	<0.002	20.9	0.001	0.83	0.09	1.72	0.344	0.11	672
VINE20E_DFN-111		0.015	0.024	2.18	2.94	1.78	<0.001	<0.002	8.15	0.003	0.85	0.14	1.76	0.192	0.14	682
VINE20E_DFN-112		0.018	0.016	2.97	2.14	1.18	<0.001	<0.002	12.25	0.001	0.71	0.07	1.80	0.376	0.09	2300
VINE20E_DFN-113		0.016	0.014	4.55	2.27	1.38	0.003	<0.002	15.90	0.001	0.72	0.10	1.39	0.285	0.09	896

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 9-JUN-2020
Account: PJXRES

Project: VINE EAST

CERTIFICATE OF ANALYSIS VA20100734

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Ta ppm 0.001	ME-VEG41a Te ppm 0.02	ME-VEG41a Th ppm 0.002	ME-VEG41a Ti % 0.001	ME-VEG41a Tl ppm 0.002	ME-VEG41a U ppm 0.005	ME-VEG41a V ppm 0.05	ME-VEG41a W ppm 0.01	ME-VEG41a Y ppm 0.003	ME-VEG41a Zn ppm 0.1	ME-VEG41a Zr ppm 0.02
VINE20E_DFN-078		<0.001	0.05	0.178	0.004	0.019	0.045	2.19	0.21	1.115	353	0.91
VINE20E_DFN-079		<0.001	<0.02	0.309	0.007	0.018	0.054	2.75	0.32	0.999	425	0.82
VINE20E_DFN-080A		<0.001	<0.02	0.180	0.005	0.012	0.053	2.41	0.34	1.655	883	0.63
VINE20E_DFN-080B		<0.001	0.10	0.209	0.005	0.024	0.055	2.51	0.32	2.20	851	0.49
VINE20E_DFN-080C		0.012	<0.02	0.631	0.015	0.401	0.184	12.00	0.63	1.415	1345	2.09
VINE20E_DFN-081		<0.001	<0.02	0.143	0.004	0.009	0.033	2.13	0.26	0.768	646	0.71
VINE20E_DFN-082		<0.001	<0.02	0.214	0.003	0.039	0.037	1.55	0.13	4.34	424	0.66
VINE20E_DFN-083		<0.001	<0.02	0.087	0.002	0.019	0.072	1.14	0.13	0.317	1545	0.64
VINE20E_DFN-084		<0.001	<0.02	0.102	0.003	0.032	0.034	1.54	0.11	1.435	764	0.74
VINE20E_DFN-085		<0.001	<0.02	0.069	0.002	0.024	0.047	1.14	0.09	0.290	944	0.52
VINE20E_DFN-086		<0.001	0.05	0.075	0.002	0.016	0.025	1.27	0.08	0.338	524	0.63
VINE20E_DFN-087		<0.001	<0.02	0.070	0.002	0.039	0.024	1.08	0.09	0.885	725	0.54
VINE20E_DFN-088		<0.001	0.06	0.084	0.003	0.012	0.028	1.47	0.12	0.824	412	0.72
VINE20E_DFN-089		<0.001	<0.02	0.133	0.004	0.010	0.097	2.04	0.21	0.843	711	0.56
VINE20E_DFN-090		<0.001	<0.02	0.151	0.004	0.102	0.040	1.69	0.19	3.64	455	0.70
VINE20E_DFN-091		<0.001	<0.02	0.192	0.005	0.036	0.038	2.24	0.24	1.500	1125	0.43
VINE20E_DFN-092		<0.001	<0.02	0.157	0.004	0.036	0.037	1.69	0.23	2.42	650	0.84
VINE20E_DFN-093		<0.001	<0.02	0.169	0.004	0.054	0.054	1.69	0.22	0.971	1250	0.79
VINE20E_DFN-094		<0.001	0.06	0.252	0.004	0.033	0.042	1.62	0.12	3.77	723	0.75
VINE20E_DFN-095		<0.001	<0.02	0.104	0.002	0.036	0.044	1.10	0.11	0.654	728	0.52
VINE20E_DFN-096		<0.001	<0.02	0.108	0.003	0.032	0.043	1.30	0.13	1.050	1265	0.69
VINE20E_DFN-097		<0.001	<0.02	0.075	0.002	0.046	0.125	0.84	0.10	0.830	906	0.46
VINE20E_DFN-098		<0.001	<0.02	0.069	0.002	0.019	0.042	1.02	0.10	0.401	885	0.61
VINE20E_DFN-099		<0.001	<0.02	0.129	0.004	0.088	0.080	1.85	0.14	0.688	910	0.69
VINE20E_DFN-100A		<0.001	<0.02	0.070	0.002	0.029	0.030	1.09	0.07	0.575	455	0.70
VINE20E_DFN-100B		<0.001	<0.02	0.088	0.003	0.022	0.024	1.50	0.09	0.700	673	0.70
VINE20E_DFN-100C		0.011	<0.02	0.672	0.014	0.398	0.195	11.05	0.69	1.430	1345	2.14
VINE20E_DFN-101		<0.001	0.06	0.089	0.003	0.041	0.020	1.16	0.07	0.486	304	0.68
VINE20E_DFN-102		<0.001	<0.02	0.057	0.001	0.034	0.106	0.86	0.10	0.460	717	0.41
VINE20E_DFN-103		<0.001	<0.02	0.137	0.003	0.087	0.073	1.82	0.26	0.574	1080	0.99
VINE20E_DFN-104		<0.001	<0.02	0.091	0.002	0.078	0.052	1.03	0.13	0.230	407	0.73
VINE20E_DFN-105		<0.001	<0.02	0.263	0.007	0.108	0.075	2.70	0.31	4.09	920	0.65
VINE20E_DFN-106		<0.001	0.06	0.132	0.003	0.059	0.039	1.25	0.20	1.225	905	0.59
VINE20E_DFN-107		<0.001	<0.02	0.145	0.004	0.102	0.037	1.37	0.12	0.674	894	0.73
VINE20E_DFN-108		<0.001	<0.02	0.112	0.002	0.071	0.030	1.17	0.11	0.920	977	0.61
VINE20E_DFN-109		<0.001	<0.02	0.071	0.002	0.055	0.019	0.99	0.16	1.180	491	0.63
VINE20E_DFN-110		<0.001	<0.02	0.073	0.002	0.070	0.022	1.02	0.11	0.704	749	0.57
VINE20E_DFN-111		<0.001	<0.02	0.088	0.003	0.024	0.034	1.24	0.15	0.648	583	0.65
VINE20E_DFN-112		<0.001	<0.02	0.063	0.002	0.035	0.022	0.91	0.08	0.564	643	0.50
VINE20E_DFN-113		<0.001	<0.02	0.082	0.003	0.061	0.023	1.18	0.23	0.749	951	0.67

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 9-JUN-2020
Account: PJXRES

Project: VINE EAST

CERTIFICATE OF ANALYSIS VA20100734

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	VEG-ASH01 WT. SAMP g 0.01	VEG-ASH01 WT. ASH g 0.01	ME-VEG41a Au ppm 0.0002	ME-VEG41a Ag ppm 0.001	ME-VEG41a Al % 0.01	ME-VEG41a As ppm 0.01	ME-VEG41a B ppm 1	ME-VEG41a Ba ppm 0.1	ME-VEG41a Be ppm 0.01	ME-VEG41a Bi ppm 0.001	ME-VEG41a Ca % 0.01	ME-VEG41a Cd ppm 0.001	ME-VEG41a Ce ppm 0.003	ME-VEG41a Co ppm 0.002
VINE20E_DFN-114		0.06	30.1	0.98	0.0003	0.387	0.11	5.60	179	1345	0.02	0.014	22.2	0.647	0.881	2.82
VINE20E_DFN-115		0.06	30.0	1.29	<0.0002	0.657	0.13	125.0	496	524	0.03	0.013	18.75	2.45	1.120	4.06
VINE20E_DFN-116		0.06	28.8	0.75	0.0004	0.290	0.14	3.68	329	820	0.01	0.019	17.30	0.925	0.623	1.965
VINE20E_DFN-117		0.06	30.0	1.13	0.0008	0.329	0.49	16.30	294	2240	0.09	0.018	18.60	0.529	3.83	2.27
VINE20E_DFN-118		0.06	30.1	1.04	0.0006	0.442	0.34	4.07	503	655	0.05	0.139	20.5	1.040	2.06	2.37
VINE20E_DFN-119		0.06	29.8	1.12	<0.0002	0.801	0.15	2.15	454	1205	0.03	0.028	23.4	1.340	2.21	3.16
VINE20E_DFN-120A		0.06	30.0	0.83	<0.0002	0.325	0.31	3.83	455	748	0.05	0.024	14.05	1.265	1.775	3.84
VINE20E_DFN-120B		0.06	28.4	1.01	0.0004	0.346	0.59	64.6	469	804	0.11	0.017	17.10	1.020	2.83	4.67
VINE20E_DFN-120C		<0.02			0.0039	0.176	1.01	6.79	454	905	0.41	0.157	18.50	2.59	6.35	3.25
VINE20E_DFN-121		0.06	29.5	2.06	<0.0002	0.988	0.25	1.72	455	1390	0.05	0.031	24.4	0.912	5.51	1.885
VINE20E_DFN-122		0.06	30.2	0.93	<0.0002	0.683	0.43	2.82	842	369	0.01	0.006	21.9	0.666	1.135	1.175
VINE20E_DFN-123		0.06	30.1	1.27	0.0004	0.216	0.26	9.32	324	1930	0.04	0.021	25.4	2.50	1.550	2.65
VINE20E_DFN-124		0.06	30.1	1.53	0.0003	0.113	0.14	5.71	621	780	0.03	0.008	21.1	1.945	1.135	1.290
VINE20E_DFN-125		0.06	29.7	1.11	0.0007	0.522	0.16	3.14	396	1065	<0.01	0.013	20.0	0.277	0.575	1.490
VINE20E_DFN-126		0.06	30.1	1.37	0.0002	0.385	0.17	59.6	286	721	0.06	0.012	22.8	0.863	1.900	2.27
VINE20E_DFN-127		0.06	30.2	1.20	0.0002	0.729	0.29	16.30	667	1380	0.05	0.020	22.4	0.738	1.145	2.50
VINE20E_DFN-128		0.06	30.1	1.12	0.0010	0.205	0.28	16.85	294	684	0.03	0.014	17.90	1.510	0.900	0.996
VINE20E_DFN-129		0.06	29.5	0.90	0.0014	0.661	0.12	21.1	812	274	0.02	0.013	15.85	1.280	0.763	2.79
VINE20E_DFN-130		0.06	29.5	0.89	0.0011	0.425	0.20	134.0	520	955	0.06	0.020	15.20	0.376	1.160	2.39
VINE20E_DFN-131		0.04	30.2	1.09	<0.0002	0.341	0.32	1.41	664	1210	0.04	0.016	19.60	1.025	1.275	2.08
VINE20E_DFN-132		0.06	29.4	0.76	<0.0002	0.311	0.33	3.47	580	1165	0.08	0.021	19.70	1.235	2.07	2.86
VINE20E_DFN-133		0.06	30.1	1.14	0.0005	0.292	0.50	6.60	278	1585	0.03	0.012	20.1	0.424	1.395	2.23
VINE20E_DFN-134		0.06	30.0	0.87	0.0005	0.143	0.28	3.14	356	526	0.06	0.024	19.35	1.575	1.745	2.44
VINE20E_DFN-135		0.06	29.7	0.85	0.0004	0.527	0.36	19.80	334	695	0.10	0.028	16.65	2.12	4.43	3.69
VINE20E_DFN-136		0.06	28.8	1.11	0.0009	0.341	0.21	14.75	386	495	0.03	0.017	19.95	1.805	1.190	1.445
VINE20E_DFN-137		0.06	29.4	0.88	0.0006	0.206	0.21	1.32	434	1950	0.02	0.016	18.80	0.913	0.815	1.405
VINE20E_DFN-138		0.06	29.8	1.34	0.0012	0.256	0.20	0.98	721	1530	0.05	0.019	21.1	0.656	1.225	1.185
VINE20E_DFN-139		0.06	29.0	0.90	0.0012	0.068	0.30	4.32	277	430	0.02	0.013	19.05	0.704	0.712	2.70
VINE20E_DFN-140A		0.06	30.0	0.92	0.0008	0.501	0.23	108.0	488	295	0.04	0.018	18.80	0.702	0.721	1.635
VINE20E_DFN-140B		0.06	30.1	1.33	0.0011	0.452	0.30	25.6	448	421	0.02	0.016	25.7	0.955	0.848	2.37
VINE20E_DFN-140C		<0.02			0.0035	0.138	0.98	6.38	438	872	0.37	0.152	18.50	2.57	5.99	3.13
VINE20E_DFN-141		0.06	29.5	1.05	0.0008	0.198	0.19	8.60	318	1740	0.02	0.021	18.65	0.535	0.934	1.490
VINE20E_DFN-142		0.06	29.5	1.17	0.0009	0.260	0.22	10.10	240	682	0.03	0.022	23.1	1.110	0.714	1.280
VINE20E_DFN-143		0.06	30.1	1.41	0.0005	0.215	0.13	1.23	256	695	0.01	0.015	24.4	0.425	0.447	2.03
VINE20E_DFN-144		0.06	29.6	1.08	0.0008	0.388	0.22	19.55	893	601	0.03	0.018	16.20	0.518	0.728	1.415
VINE20E_DFN-145		0.06	29.7	0.74	0.0005	0.177	0.27	4.07	453	1460	0.05	0.021	19.45	0.873	1.570	0.757
VINE20E_DFN-146		0.06	29.7	1.14	0.0008	0.255	0.31	5.95	344	722	0.07	0.023	24.7	0.933	2.56	1.965
VINE20E_DFN-147		0.06	29.2	1.23	0.0005	0.244	0.22	22.1	357	714	0.05	0.012	24.7	1.400	3.14	5.74
VINE20E_DFN-148		0.06	29.9	0.79	0.0006	0.348	0.29	119.0	430	1325	0.04	0.046	17.30	0.274	2.41	0.958
VINE20E_DFN-149		0.06	29.9	0.76	0.0011	0.162	0.19	1.27	549	479	0.06	0.030	12.95	0.576	2.20	1.825

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 9-JUN-2020
Account: PJXRES

Project: VINE EAST

CERTIFICATE OF ANALYSIS VA20100734

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Cr ppm 0.01	ME-VEG41a Cs ppm 0.005	ME-VEG41a Cu ppm 0.01	ME-VEG41a Fe ppm 1	ME-VEG41a Ga ppm 0.004	ME-VEG41a Ge ppm 0.005	ME-VEG41a Hf ppm 0.002	ME-VEG41a Hg ppm 0.001	ME-VEG41a In ppm 0.005	ME-VEG41a K % 0.01	ME-VEG41a La ppm 0.002	ME-VEG41a Li ppm 0.1	ME-VEG41a Mg % 0.001	ME-VEG41a Mn ppm 0.1	ME-VEG41a Mo ppm 0.01
VINE20E_DFN-114		0.90	0.106	38.2	903	0.153	0.005	0.010	<0.001	<0.005	>10.0	0.663	1.0	3.77	7410	0.43
VINE20E_DFN-115		1.32	0.078	35.4	881	0.179	0.007	0.015	0.001	<0.005	9.10	0.900	1.0	3.82	16450	0.80
VINE20E_DFN-116		0.96	0.264	62.9	1100	0.145	<0.005	0.017	<0.001	0.005	>10.0	0.360	0.7	2.49	5560	0.75
VINE20E_DFN-117		0.99	0.117	36.1	905	0.179	0.006	0.019	0.001	<0.005	>10.0	3.28	0.5	2.17	8050	0.26
VINE20E_DFN-118		1.31	0.126	71.5	1400	0.240	<0.005	0.013	<0.001	<0.005	>10.0	2.29	0.7	2.83	4800	0.67
VINE20E_DFN-119		2.17	0.177	41.3	1700	0.305	0.006	0.020	<0.001	0.008	9.64	1.855	1.4	2.47	3700	0.82
VINE20E_DFN-120A		1.74	0.160	58.2	1200	0.222	0.006	0.020	<0.001	<0.005	>10.0	3.27	0.8	2.50	22100	0.56
VINE20E_DFN-120B		2.29	0.303	50.0	1700	0.367	0.007	0.021	<0.001	0.005	>10.0	2.20	1.1	2.65	15050	0.49
VINE20E_DFN-120C		11.80	4.27	103.5	4400	1.105	0.024	0.064	0.037	0.014	>10.0	3.37	4.4	2.32	31300	1.14
VINE20E_DFN-121		3.09	0.371	17.40	3500	0.669	0.009	0.039	<0.001	<0.005	4.93	3.73	2.1	1.870	4070	0.65
VINE20E_DFN-122		1.82	0.122	49.4	1300	0.291	0.005	0.020	<0.001	0.005	>10.0	0.724	0.7	3.86	8810	1.29
VINE20E_DFN-123		2.27	0.116	31.3	1000	0.239	0.007	0.016	<0.001	0.005	8.01	1.605	0.9	2.26	18900	0.27
VINE20E_DFN-124		0.99	0.065	17.00	531	0.116	<0.005	0.011	<0.001	<0.005	5.32	1.185	0.3	2.62	10300	0.70
VINE20E_DFN-125		1.44	0.105	33.6	850	0.166	0.005	0.017	<0.001	<0.005	>10.0	0.366	0.5	3.59	7260	0.50
VINE20E_DFN-126		1.51	0.090	23.5	884	0.174	0.006	0.017	<0.001	<0.005	7.78	1.630	0.9	2.90	14700	0.34
VINE20E_DFN-127		1.95	0.095	28.0	941	0.210	<0.005	0.017	0.001	<0.005	>10.0	1.020	0.5	2.06	18950	0.51
VINE20E_DFN-128		3.36	0.088	45.4	997	0.178	0.007	0.012	<0.001	<0.005	>10.0	0.614	1.0	3.15	18350	0.73
VINE20E_DFN-129		1.94	0.100	45.7	1000	0.196	<0.005	0.021	<0.001	<0.005	>10.0	0.393	1.0	3.32	21400	0.90
VINE20E_DFN-130		1.34	0.150	43.4	1100	0.217	0.011	0.025	0.001	<0.005	>10.0	1.680	0.7	3.82	11550	0.86
VINE20E_DFN-131		1.01	0.144	39.9	1100	0.197	<0.005	0.019	<0.001	<0.005	>10.0	0.933	0.5	2.05	4480	0.33
VINE20E_DFN-132		1.77	0.194	51.9	1500	0.227	<0.005	0.014	<0.001	<0.005	>10.0	2.32	0.8	3.31	10650	0.52
VINE20E_DFN-133		0.91	0.143	46.5	1300	0.283	0.007	0.026	<0.001	<0.005	>10.0	1.325	0.7	2.02	6570	0.43
VINE20E_DFN-134		2.01	0.250	54.1	1700	0.346	0.008	0.029	0.001	0.005	>10.0	1.805	2.6	2.09	10200	0.57
VINE20E_DFN-135		1.58	0.154	46.5	1300	0.260	0.011	0.020	0.001	0.005	>10.0	3.55	0.7	3.22	18650	0.99
VINE20E_DFN-136		3.08	0.121	31.3	1200	0.199	<0.005	0.020	0.001	<0.005	>10.0	0.841	0.8	2.40	13050	0.66
VINE20E_DFN-137		1.03	0.124	40.6	854	0.141	<0.005	0.012	<0.001	<0.005	>10.0	1.090	0.4	3.26	8360	0.51
VINE20E_DFN-138		1.66	0.080	26.1	988	0.200	0.005	0.015	<0.001	0.006	6.34	1.505	5.4	1.870	23400	0.30
VINE20E_DFN-139		1.62	0.129	36.0	896	0.165	0.005	0.010	<0.001	<0.005	9.19	0.607	0.4	3.23	11100	1.41
VINE20E_DFN-140A		1.56	0.092	46.9	1100	0.175	0.005	0.016	<0.001	<0.005	>10.0	0.588	0.5	2.36	14600	1.28
VINE20E_DFN-140B		1.32	0.074	36.5	846	0.157	0.007	0.010	<0.001	<0.005	8.48	0.612	0.4	1.990	15300	0.79
VINE20E_DFN-140C		12.25	3.97	106.5	4400	0.942	0.019	0.055	0.036	0.020	>10.0	2.89	4.4	2.31	30800	1.03
VINE20E_DFN-141		2.05	0.074	38.4	923	0.175	<0.005	0.016	<0.001	<0.005	>10.0	0.780	0.7	2.48	19700	0.43
VINE20E_DFN-142		1.75	0.081	34.8	971	0.161	<0.005	0.016	0.002	<0.005	>10.0	0.511	0.6	2.63	9830	0.62
VINE20E_DFN-143		1.05	0.080	25.2	704	0.121	<0.005	0.008	<0.001	0.006	7.63	0.298	0.5	2.59	17350	0.17
VINE20E_DFN-144		1.65	0.112	33.1	1000	0.208	0.007	0.016	<0.001	<0.005	>10.0	0.453	0.6	2.22	21700	0.28
VINE20E_DFN-145		1.60	0.204	46.5	1500	0.229	<0.005	0.025	<0.001	<0.005	>10.0	1.640	0.7	2.52	11250	0.55
VINE20E_DFN-146		1.08	0.107	46.6	976	0.154	0.005	0.015	<0.001	<0.005	>10.0	2.66	0.6	2.33	7370	0.39
VINE20E_DFN-147		1.35	0.107	42.0	1100	0.184	0.007	0.017	<0.001	<0.005	>10.0	2.62	1.3	2.55	13650	0.28
VINE20E_DFN-148		2.99	0.294	44.4	2400	0.586	0.010	0.015	<0.001	0.005	>10.0	0.994	3.3	3.98	523	0.44
VINE20E_DFN-149		1.62	0.212	58.9	1500	0.250	0.007	0.025	<0.001	<0.005	>10.0	1.955	1.9	2.99	12000	0.36

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 9-JUN-2020
Account: PJXRES

Project: VINE EAST

CERTIFICATE OF ANALYSIS VA20100734

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Na % 0.001	ME-VEG41a Nb ppm 0.002	ME-VEG41a Ni ppm 0.04	ME-VEG41a P % 0.001	ME-VEG41a Pb ppm 0.01	ME-VEG41a Pd ppm 0.001	ME-VEG41a Pt ppm 0.002	ME-VEG41a Rb ppm 0.01	ME-VEG41a Re ppm 0.001	ME-VEG41a S % 0.01	ME-VEG41a Sb ppm 0.01	ME-VEG41a Sc ppm 0.01	ME-VEG41a Se ppm 0.005	ME-VEG41a Sn ppm 0.01	ME-VEG41a Sr ppm 0.02
VINE20E_DFN-114		0.013	0.031	5.09	3.03	1.37	<0.001	<0.002	30.4	0.003	0.88	0.10	1.54	0.256	0.10	1050
VINE20E_DFN-115		0.016	0.034	13.25	3.58	1.12	<0.001	<0.002	12.65	0.012	1.03	0.08	2.15	0.107	0.10	1130
VINE20E_DFN-116		0.013	0.025	4.70	3.62	1.59	<0.001	<0.002	79.2	<0.001	1.05	0.10	1.55	0.208	0.08	1490
VINE20E_DFN-117		0.013	0.032	6.35	3.54	1.33	<0.001	<0.002	48.9	0.002	0.81	0.11	1.42	0.240	0.11	1605
VINE20E_DFN-118		0.012	0.048	12.50	3.73	1.57	0.001	<0.002	60.3	0.001	0.86	0.12	1.20	0.096	0.14	985
VINE20E_DFN-119		0.029	0.069	4.68	2.55	2.47	0.006	<0.002	19.45	0.004	0.88	0.21	1.97	0.167	0.13	1600
VINE20E_DFN-120A		0.012	0.029	10.15	4.43	2.11	0.006	<0.002	23.5	0.002	1.43	0.15	1.80	0.394	0.13	1280
VINE20E_DFN-120B		0.021	0.050	15.40	4.14	1.58	<0.001	<0.002	59.2	0.003	1.47	0.14	2.66	0.366	0.19	597
VINE20E_DFN-120C		0.132	0.476	63.3	3.63	60.1	0.004	<0.002	251	0.003	1.52	0.41	2.21	1.035	1.28	801
VINE20E_DFN-121		0.031	0.108	3.91	1.185	4.10	0.003	<0.002	9.80	0.003	0.62	0.18	2.16	0.153	0.15	1740
VINE20E_DFN-122		0.018	0.041	2.53	3.39	1.99	0.002	<0.002	13.05	0.002	1.46	0.15	2.34	0.330	0.14	1875
VINE20E_DFN-123		0.018	0.041	3.52	2.40	2.22	<0.001	<0.002	12.45	0.001	0.79	0.11	1.67	0.409	0.16	977
VINE20E_DFN-124		0.014	0.013	1.69	2.73	0.68	0.001	<0.002	4.14	0.002	0.78	0.08	1.84	0.212	0.06	1125
VINE20E_DFN-125		0.016	0.024	1.33	2.97	1.55	<0.001	<0.002	18.35	0.004	1.16	0.12	1.49	0.541	0.13	769
VINE20E_DFN-126		0.016	0.024	4.67	2.35	0.97	0.004	<0.002	14.80	0.006	0.88	0.10	1.68	0.270	0.10	1465
VINE20E_DFN-127		0.016	0.029	6.64	2.87	1.44	<0.001	<0.002	16.65	<0.001	0.91	0.13	1.89	0.545	0.13	1265
VINE20E_DFN-128		0.011	0.035	6.51	4.81	1.06	<0.001	<0.002	21.2	0.009	1.10	0.08	1.62	0.293	0.10	769
VINE20E_DFN-129		0.014	0.022	1.67	2.94	1.14	0.002	<0.002	12.80	0.012	1.69	0.10	1.73	0.415	0.09	649
VINE20E_DFN-130		0.014	0.040	6.83	4.66	1.21	0.001	<0.002	25.8	0.003	1.38	0.14	1.98	0.848	0.15	1030
VINE20E_DFN-131		0.019	0.030	7.58	4.16	1.70	0.001	<0.002	34.5	0.001	0.98	0.14	2.40	0.229	0.15	2370
VINE20E_DFN-132		0.021	0.041	10.85	3.69	1.40	0.004	<0.002	24.9	0.004	0.96	0.15	1.83	0.171	0.19	1055
VINE20E_DFN-133		0.022	0.037	4.67	3.29	1.43	0.004	<0.002	30.1	0.001	1.04	0.11	2.10	0.248	0.12	1295
VINE20E_DFN-134		0.024	0.063	10.15	3.27	1.75	<0.001	<0.002	25.8	0.002	1.58	0.16	2.65	0.294	0.14	1305
VINE20E_DFN-135		0.019	0.049	7.49	3.68	2.12	0.004	<0.002	32.8	<0.001	1.18	0.21	2.31	0.313	0.13	1205
VINE20E_DFN-136		0.011	0.033	2.05	2.37	1.06	<0.001	<0.002	16.65	0.006	1.17	0.09	1.66	0.197	0.07	1020
VINE20E_DFN-137		0.009	0.021	1.96	3.61	1.84	<0.001	<0.002	20.3	0.001	0.67	0.09	1.60	0.107	0.09	1000
VINE20E_DFN-138		0.014	0.016	2.18	2.25	0.95	0.002	<0.002	4.21	0.007	0.54	0.10	1.84	0.180	0.11	810
VINE20E_DFN-139		0.009	0.019	2.30	2.80	0.96	<0.001	<0.002	14.35	0.005	1.34	0.08	1.67	0.568	0.09	850
VINE20E_DFN-140A		0.010	0.033	1.44	3.91	0.90	<0.001	0.002	20.8	0.001	1.95	0.13	1.87	0.691	0.09	1115
VINE20E_DFN-140B		0.010	0.020	2.23	2.94	1.01	<0.001	<0.002	12.65	0.002	1.04	0.09	1.84	0.415	0.08	1215
VINE20E_DFN-140C		0.125	0.455	57.8	3.51	56.0	0.002	0.003	250	0.003	1.52	0.41	2.01	1.010	1.07	774
VINE20E_DFN-141		0.011	0.017	2.93	2.63	1.01	0.002	<0.002	10.60	0.002	0.78	0.09	1.33	0.353	0.11	484
VINE20E_DFN-142		0.010	0.021	2.34	3.15	1.20	<0.001	<0.002	13.05	0.003	0.99	0.11	1.78	0.534	0.08	704
VINE20E_DFN-143		0.009	0.013	1.10	2.45	0.64	<0.001	<0.002	5.43	0.001	0.85	0.09	1.73	0.413	0.07	1415
VINE20E_DFN-144		0.011	0.025	2.10	3.71	1.31	<0.001	0.002	12.55	0.003	1.20	0.09	1.42	0.368	0.13	591
VINE20E_DFN-145		0.017	0.053	4.82	3.71	1.22	<0.001	0.002	19.65	0.003	0.86	0.17	1.83	0.179	0.17	781
VINE20E_DFN-146		0.013	0.015	6.81	2.99	1.31	<0.001	<0.002	22.9	0.002	1.04	0.09	2.10	0.232	0.09	827
VINE20E_DFN-147		0.014	0.027	8.10	2.42	1.23	0.004	<0.002	20.8	0.004	0.73	0.10	2.06	0.244	0.11	741
VINE20E_DFN-148		0.040	0.105	2.85	2.85	5.25	0.001	<0.002	26.9	0.005	0.88	0.21	1.97	0.710	0.20	1695
VINE20E_DFN-149		0.013	0.033	8.33	4.44	1.51	<0.001	<0.002	16.60	0.001	1.42	0.18	1.38	0.168	0.18	621

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 9-JUN-2020
Account: PJXRES

Project: VINE EAST

CERTIFICATE OF ANALYSIS VA20100734

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Ta ppm 0.001	ME-VEG41a Te ppm 0.02	ME-VEG41a Th ppm 0.002	ME-VEG41a Ti % 0.001	ME-VEG41a Tl ppm 0.002	ME-VEG41a U ppm 0.005	ME-VEG41a V ppm 0.05	ME-VEG41a W ppm 0.01	ME-VEG41a Y ppm 0.003	ME-VEG41a Zn ppm 0.1	ME-VEG41a Zr ppm 0.02
VINE20E_DFN-114		<0.001	<0.02	0.078	0.002	0.080	0.025	1.05	0.09	0.687	396	0.68
VINE20E_DFN-115		<0.001	<0.02	0.078	0.003	0.066	0.028	1.19	0.08	0.989	895	0.69
VINE20E_DFN-116		<0.001	<0.02	0.089	0.002	0.072	0.111	1.07	0.12	0.235	652	0.65
VINE20E_DFN-117		<0.001	<0.02	0.088	0.003	0.130	0.030	1.06	0.13	4.17	696	0.59
VINE20E_DFN-118		<0.001	<0.02	0.126	0.003	0.118	0.022	1.32	0.14	1.065	948	0.76
VINE20E_DFN-119		<0.001	<0.02	0.257	0.005	0.066	0.044	1.95	0.34	1.140	369	0.94
VINE20E_DFN-120A		<0.001	<0.02	0.123	0.003	0.012	0.037	1.46	0.22	2.26	993	0.73
VINE20E_DFN-120B		<0.001	0.07	0.216	0.005	0.016	0.049	2.36	0.24	1.110	897	0.86
VINE20E_DFN-120C		0.013	<0.02	0.729	0.015	0.449	0.197	12.60	0.70	1.795	1415	2.54
VINE20E_DFN-121		<0.001	<0.02	1.125	0.011	0.089	0.131	3.87	0.16	1.855	865	1.64
VINE20E_DFN-122		<0.001	<0.02	0.158	0.004	0.005	0.038	1.72	0.16	0.438	1030	0.83
VINE20E_DFN-123		<0.001	<0.02	0.122	0.003	0.027	0.031	1.31	0.13	0.842	888	0.72
VINE20E_DFN-124		<0.001	<0.02	0.058	0.002	0.054	0.029	0.75	0.06	0.595	803	0.39
VINE20E_DFN-125		<0.001	<0.02	0.082	0.003	0.024	0.110	0.99	0.09	0.246	668	0.52
VINE20E_DFN-126		<0.001	<0.02	0.095	0.003	0.025	0.024	1.36	0.10	1.135	479	0.65
VINE20E_DFN-127		<0.001	<0.02	0.105	0.003	0.013	0.023	1.37	0.09	0.798	769	0.67
VINE20E_DFN-128		<0.001	<0.02	0.081	0.003	0.019	0.023	1.26	0.11	0.534	684	0.63
VINE20E_DFN-129		<0.001	<0.02	0.087	0.003	0.010	0.077	1.49	0.13	0.282	922	0.60
VINE20E_DFN-130		<0.001	<0.02	0.135	0.003	0.015	0.044	1.44	0.15	1.125	935	0.75
VINE20E_DFN-131		<0.001	<0.02	0.107	0.003	0.013	0.025	1.23	0.14	0.667	694	0.66
VINE20E_DFN-132		<0.001	<0.02	0.145	0.004	0.008	0.049	1.65	0.16	2.89	801	0.71
VINE20E_DFN-133		<0.001	<0.02	0.131	0.004	0.014	0.049	1.27	0.11	1.055	538	0.86
VINE20E_DFN-134		<0.001	<0.02	0.266	0.005	0.010	0.044	2.28	0.23	1.025	1055	1.02
VINE20E_DFN-135		<0.001	<0.02	0.176	0.004	0.010	0.039	1.65	0.18	1.810	1165	0.81
VINE20E_DFN-136		<0.001	<0.02	0.153	0.003	0.019	0.139	1.42	0.09	0.471	736	0.64
VINE20E_DFN-137		<0.001	<0.02	0.071	0.002	0.018	0.024	1.22	0.08	0.729	529	0.47
VINE20E_DFN-138		<0.001	<0.02	0.088	0.002	0.059	0.055	1.29	0.08	1.050	761	0.60
VINE20E_DFN-139		<0.001	<0.02	0.075	0.002	0.019	0.079	1.09	0.10	0.446	799	0.45
VINE20E_DFN-140A		<0.001	<0.02	0.085	0.003	0.015	0.036	1.40	0.11	0.390	763	0.64
VINE20E_DFN-140B		<0.001	<0.02	0.064	0.002	0.045	0.064	1.15	0.08	0.380	1060	0.42
VINE20E_DFN-140C		0.011	<0.02	0.658	0.015	0.425	0.216	13.45	0.58	1.670	1355	2.25
VINE20E_DFN-141		<0.001	<0.02	0.089	0.003	0.019	0.026	1.30	0.07	0.543	798	0.62
VINE20E_DFN-142		<0.001	0.04	0.075	0.003	0.023	0.021	1.37	0.08	0.359	810	0.59
VINE20E_DFN-143		<0.001	<0.02	0.051	0.002	0.014	0.015	0.85	0.04	0.210	568	0.38
VINE20E_DFN-144		<0.001	<0.02	0.087	0.003	0.045	0.028	1.48	0.07	0.455	1165	0.69
VINE20E_DFN-145		<0.001	<0.02	0.140	0.004	0.019	0.038	1.95	0.22	1.520	620	1.30
VINE20E_DFN-146		<0.001	<0.02	0.097	0.002	0.016	0.044	1.08	0.29	3.07	727	0.55
VINE20E_DFN-147		<0.001	<0.02	0.103	0.003	0.014	0.034	1.17	0.14	2.77	740	0.72
VINE20E_DFN-148		<0.001	<0.02	0.360	0.010	0.072	0.127	3.83	0.26	0.774	260	0.59
VINE20E_DFN-149		<0.001	<0.02	0.184	0.004	0.094	0.041	2.07	0.21	2.06	542	0.82

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Finalized Date: 9-JUN-2020
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Project: VINE EAST

CERTIFICATE OF ANALYSIS VA20100734

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	VEG-ASH01 WT. SAMP g 0.01	VEG-ASH01 WT. ASH g 0.01	ME-VEG41a Au ppm 0.0002	ME-VEG41a Ag ppm 0.001	ME-VEG41a Al % 0.01	ME-VEG41a As ppm 0.01	ME-VEG41a B ppm 1	ME-VEG41a Ba ppm 0.1	ME-VEG41a Be ppm 0.01	ME-VEG41a Bi ppm 0.001	ME-VEG41a Ca % 0.01	ME-VEG41a Cd ppm 0.001	ME-VEG41a Ce ppm 0.003	ME-VEG41a Co ppm 0.002
VINE20E_DFN-150		0.06	29.5	0.91	0.0009	0.292	0.20	2.12	400	1485	0.03	0.018	22.0	1.210	1.360	2.74
VINE20E_DFN-151		0.06	29.3	1.01	0.0011	0.407	0.36	9.17	324	871	0.06	0.025	22.2	0.948	1.730	1.850
VINE20E_DFN-152		0.06	29.7	1.25	0.0008	0.493	0.41	1.73	477	865	0.01	0.012	22.3	2.76	0.592	0.955
VINE20E_DFN-153		0.06	28.2	1.07	0.0012	0.362	0.28	3.04	489	1465	0.05	0.018	20.8	4.23	1.495	3.26
VINE20E_DFN-154		0.06	29.6	0.87	0.0011	0.155	0.15	0.73	604	1030	0.03	0.014	20.4	0.682	0.679	0.855
VINE20E_DFN-155		0.06	29.4	1.16	0.0009	0.348	0.16	51.2	829	1315	0.03	0.025	25.6	0.573	1.280	4.05
VINE20E_DFN-156		0.06	30.0	0.95	0.0012	0.106	0.14	2.72	696	993	0.04	0.020	19.20	0.451	0.814	1.010
VINE20E_DFN-157		0.06	27.8	1.64	0.0008	0.322	0.32	1.78	315	3050	0.04	0.014	24.5	0.581	0.727	0.418
VINE20E_DFN-158		0.06	29.9	1.15	0.0004	0.215	0.34	18.65	654	876	0.03	0.016	20.4	0.677	0.752	1.295
VINE20E_DFN-159		0.06	29.7	1.08	0.0008	0.377	0.13	5.36	474	491	0.03	0.017	19.40	1.450	1.015	3.08
VINE20E_DFN-160A		0.06	30.0	1.09	0.0010	0.308	0.37	2.44	243	664	0.06	0.026	23.4	1.715	2.82	3.33
VINE20E_DFN-160B		0.06	30.6	1.21	0.0007	0.179	0.20	1.60	182	1315	0.02	0.022	23.4	0.999	1.520	1.110
VINE20E_DFN-160C		<0.02			0.0039	0.137	0.93	5.98	408	833	0.34	0.138	17.70	2.28	5.50	2.75
VINE20E_DFN-161		0.06	29.9	0.94	0.0017	0.405	0.18	1.20	379	1020	0.02	0.021	21.6	0.811	2.34	1.060
VINE20E_DFN-162		0.06	30.3	0.89	0.0026	0.255	0.11	1.64	538	975	0.02	0.023	19.90	0.848	0.932	1.310
VINE20E_DFN-163		0.04	30.3	0.82	0.0008	0.165	0.20	2.94	861	1650	0.02	0.017	17.20	1.030	0.756	1.355
VINE20E_DFN-164		0.06	30.3	0.71	0.0005	0.727	0.28	2.19	667	569	0.04	0.016	19.25	1.385	1.585	1.230
VINE20E_DFN-165		0.06	29.0	0.99	0.0005	0.504	0.43	20.9	561	1715	0.07	0.018	19.45	1.475	2.48	4.32
VINE20E_DFN-166		0.04	29.2	1.13	0.0003	0.676	0.19	10.05	491	552	0.10	0.020	17.85	1.530	3.65	5.56
VINE20E_DFN-167		0.06	29.4	1.04	0.0010	1.050	0.60	124.5	574	1355	0.10	0.035	22.7	0.899	5.40	7.87
VINE20E_DFN-168		0.06	30.1	0.96	0.0003	0.274	0.20	37.6	490	959	0.02	0.014	18.50	1.395	0.561	1.090
VINE20E_DFN-169		0.06	30.1	0.93	0.0008	0.297	0.22	4.00	426	1640	0.03	0.013	15.05	0.845	0.673	1.240
VINE20E_DFN-170		0.06	29.2	1.12	0.0007	0.227	0.31	9.29	369	1020	0.03	0.014	19.15	0.759	0.903	1.375
VINE20E_DFN-171		0.06	30.0	0.73	0.0002	0.151	0.13	1.41	526	606	0.03	0.017	15.40	0.483	0.874	1.390
VINE20E_DFN-172		0.06	29.5	1.23	0.0003	0.086	0.17	7.80	285	1310	0.02	0.014	22.9	0.563	0.874	1.705
VINE20E_DFN-173		0.04	29.8	1.57	0.0004	0.341	0.15	4.26	597	2670	0.03	0.010	25.4	0.941	0.729	0.719
VINE20E_DFN-174		0.04	30.5	1.48	0.0004	0.512	0.19	22.3	350	1855	0.05	0.013	24.9	1.345	1.905	2.75
VINE20E_DFN-175		0.06	30.4	0.94	0.0007	0.306	0.19	6.32	442	628	0.01	0.013	17.85	1.230	0.697	1.655
VINE20E_DFN-176		0.04	30.1	1.36	0.0006	0.093	0.08	1.90	527	998	0.01	0.009	23.7	0.189	0.390	0.356
VINE20E_DFN-177		0.06	29.9	1.07	0.0069	0.183	0.16	9.21	362	510	0.04	0.021	22.4	1.485	1.300	3.06
VINE20E_DFN-178		0.06	30.1	1.17	0.0018	0.699	0.15	4.93	474	676	0.08	0.015	21.6	1.080	3.42	3.60
VINE20E_DFN-178C		<0.02			0.0056	0.149	0.99	6.32	438	887	0.25	0.130	19.00	2.29	5.61	2.69

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 9-JUN-2020
Account: PJXRES

Project: VINE EAST

CERTIFICATE OF ANALYSIS VA20100734

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Cr ppm 0.01	ME-VEG41a Cs ppm 0.005	ME-VEG41a Cu ppm 0.01	ME-VEG41a Fe ppm 1	ME-VEG41a Ga ppm 0.004	ME-VEG41a Ge ppm 0.005	ME-VEG41a Hf ppm 0.002	ME-VEG41a Hg ppm 0.001	ME-VEG41a In ppm 0.005	ME-VEG41a K % 0.01	ME-VEG41a La ppm 0.002	ME-VEG41a Li ppm 0.1	ME-VEG41a Mg % 0.001	ME-VEG41a Mn ppm 0.1	ME-VEG41a Mo ppm 0.01
VINE20E_DFN-150		1.51	0.148	54.1	1300	0.215	<0.005	0.018	<0.001	<0.005	>10.0	1.405	0.9	3.12	16050	0.69
VINE20E_DFN-151		1.73	0.111	44.0	1100	0.201	<0.005	0.017	<0.001	<0.005	>10.0	2.51	0.8	3.00	17850	1.59
VINE20E_DFN-152		1.55	0.073	32.9	849	0.137	<0.005	0.013	<0.001	<0.005	>10.0	1.535	0.4	2.29	7230	0.55
VINE20E_DFN-153		1.43	0.090	46.3	1000	0.176	<0.005	0.020	<0.001	<0.005	>10.0	1.850	0.5	2.23	12750	0.60
VINE20E_DFN-154		1.20	0.088	45.7	961	0.158	<0.005	0.011	<0.001	<0.005	>10.0	0.618	1.2	2.79	14950	0.47
VINE20E_DFN-155		3.03	0.104	32.1	1200	0.239	<0.005	0.026	<0.001	<0.005	7.85	1.100	0.9	2.90	14700	0.52
VINE20E_DFN-156		2.94	0.114	48.0	1200	0.222	0.005	0.017	<0.001	<0.005	>10.0	0.399	0.7	3.10	7580	1.08
VINE20E_DFN-157		1.33	0.054	17.20	686	0.165	<0.005	0.011	<0.001	<0.005	5.24	0.724	1.1	1.660	21200	0.23
VINE20E_DFN-158		1.73	0.117	38.4	962	0.200	<0.005	0.013	<0.001	<0.005	>10.0	0.914	0.4	2.21	21300	0.30
VINE20E_DFN-159		2.02	0.155	33.6	967	0.188	0.005	0.016	<0.001	<0.005	>10.0	0.671	0.7	2.56	13600	0.70
VINE20E_DFN-160A		1.80	0.349	52.6	2200	0.451	0.010	0.015	<0.001	<0.005	>10.0	2.59	2.2	3.40	3260	0.48
VINE20E_DFN-160B		1.38	0.186	54.9	1400	0.278	<0.005	0.025	<0.001	<0.005	>10.0	1.395	1.2	2.33	3380	0.50
VINE20E_DFN-160C		9.96	3.55	91.0	4100	0.820	0.015	0.053	0.026	0.012	>10.0	2.66	4.0	2.20	29600	0.89
VINE20E_DFN-161		1.58	0.139	44.2	1400	0.243	0.006	0.021	<0.001	<0.005	>10.0	2.17	1.0	2.91	12450	0.86
VINE20E_DFN-162		1.64	0.107	60.2	1200	0.171	0.006	0.022	<0.001	<0.005	>10.0	0.470	0.9	3.11	11450	1.16
VINE20E_DFN-163		1.23	0.160	52.6	1100	0.170	<0.005	0.019	<0.001	<0.005	>10.0	0.495	0.8	2.81	14200	0.79
VINE20E_DFN-164		1.76	0.096	61.2	1200	0.159	<0.005	0.016	<0.001	<0.005	>10.0	2.57	0.7	3.13	10200	0.65
VINE20E_DFN-165		1.75	0.111	41.2	1100	0.230	<0.005	0.016	<0.001	<0.005	>10.0	1.695	0.7	2.25	15200	0.37
VINE20E_DFN-166		1.45	0.080	34.5	1000	0.181	<0.005	0.021	<0.001	<0.005	>10.0	2.12	1.0	3.44	21900	0.80
VINE20E_DFN-167		3.42	0.125	37.3	1500	0.251	0.006	0.025	<0.001	<0.005	8.18	2.92	0.8	3.80	14300	0.36
VINE20E_DFN-168		1.21	0.082	48.5	786	0.139	<0.005	0.016	0.001	<0.005	>10.0	0.491	0.6	3.71	18550	0.73
VINE20E_DFN-169		1.34	0.106	48.2	868	0.138	<0.005	0.019	<0.001	<0.005	>10.0	0.766	0.5	2.72	11600	0.70
VINE20E_DFN-170		1.17	0.078	33.3	816	0.162	0.011	0.011	<0.001	<0.005	>10.0	1.045	0.4	2.16	14000	0.79
VINE20E_DFN-171		1.56	0.097	49.0	1300	0.194	0.006	0.022	0.001	<0.005	>10.0	0.586	0.7	3.65	9680	0.75
VINE20E_DFN-172		1.04	0.074	31.0	787	0.129	<0.005	0.012	0.001	<0.005	>10.0	0.897	0.8	2.47	9780	0.28
VINE20E_DFN-173		0.84	0.052	18.65	656	0.087	<0.005	0.009	<0.001	<0.005	8.82	2.04	0.3	1.310	8810	0.40
VINE20E_DFN-174		1.09	0.079	22.8	833	0.180	<0.005	0.016	<0.001	<0.005	7.43	3.18	0.7	1.700	21600	0.29
VINE20E_DFN-175		0.83	0.070	44.2	742	0.101	<0.005	0.012	<0.001	<0.005	>10.0	1.275	0.2	3.45	15850	0.45
VINE20E_DFN-176		0.78	0.046	32.6	696	0.098	<0.005	0.013	<0.001	<0.005	>10.0	0.238	0.4	1.750	2380	0.51
VINE20E_DFN-177		1.68	0.197	35.9	1300	0.160	0.006	0.023	<0.001	<0.005	>10.0	1.410	0.7	3.88	9550	0.44
VINE20E_DFN-178		1.60	0.091	30.8	813	0.142	<0.005	0.021	<0.001	<0.005	8.76	2.88	0.8	3.63	18050	0.40
VINE20E_DFN-178C		10.90	3.85	95.6	4400	0.777	0.017	0.080	0.030	0.009	>10.0	3.25	3.7	2.35	31500	1.08

***** See Appendix Page for comments regarding this certificate *****

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5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 9-JUN-2020
Account: PJXRES

Project: VINE EAST

CERTIFICATE OF ANALYSIS VA20100734

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Na % 0.001	ME-VEG41a Nb ppm 0.002	ME-VEG41a Ni ppm 0.04	ME-VEG41a P % 0.001	ME-VEG41a Pb ppm 0.01	ME-VEG41a Pd ppm 0.001	ME-VEG41a Pt ppm 0.002	ME-VEG41a Rb ppm 0.01	ME-VEG41a Re ppm 0.001	ME-VEG41a S % 0.01	ME-VEG41a Sb ppm 0.01	ME-VEG41a Sc ppm 0.01	ME-VEG41a Se ppm 0.005	ME-VEG41a Sn ppm 0.01	ME-VEG41a Sr ppm 0.02
VINE20E_DFN-150		0.018	0.037	8.74	3.22	1.39	<0.001	<0.002	25.7	0.003	0.80	0.11	2.42	0.188	0.10	1170
VINE20E_DFN-151		0.015	0.026	6.50	3.04	1.61	0.004	<0.002	15.15	0.002	0.67	0.11	2.01	0.317	0.15	1255
VINE20E_DFN-152		0.010	0.027	6.70	2.61	1.01	<0.001	<0.002	17.85	0.001	0.66	0.09	1.87	0.160	0.08	1405
VINE20E_DFN-153		0.011	0.027	3.53	3.35	0.95	<0.001	<0.002	20.3	0.002	0.95	0.10	1.80	0.230	0.13	854
VINE20E_DFN-154		0.017	0.026	2.26	3.15	1.09	<0.001	<0.002	21.8	0.002	0.65	0.07	1.90	0.095	0.10	1140
VINE20E_DFN-155		0.014	0.040	4.12	3.37	1.35	<0.001	<0.002	7.12	0.003	0.81	0.14	1.71	0.305	0.14	1130
VINE20E_DFN-156		0.026	0.060	2.29	3.60	2.00	0.001	<0.002	32.0	0.002	0.91	0.18	1.93	0.234	0.19	1370
VINE20E_DFN-157		0.013	0.010	1.77	1.555	1.03	<0.001	<0.002	4.97	0.003	0.44	0.09	1.87	0.391	0.07	1030
VINE20E_DFN-158		0.015	0.020	3.44	3.48	1.11	<0.001	<0.002	30.6	0.003	0.89	0.11	1.73	0.333	0.12	855
VINE20E_DFN-159		0.011	0.027	4.58	3.18	1.15	<0.001	<0.002	21.3	0.002	1.16	0.10	1.81	0.235	0.13	891
VINE20E_DFN-160A		0.026	0.079	5.63	3.25	2.24	<0.001	<0.002	49.2	0.001	0.93	0.11	2.17	0.181	0.13	1970
VINE20E_DFN-160B		0.016	0.073	5.39	3.28	1.41	<0.001	<0.002	37.0	0.001	0.93	0.11	1.89	0.102	0.11	714
VINE20E_DFN-160C		0.124	0.390	51.2	3.35	49.6	0.007	0.003	228	0.003	1.47	0.37	1.79	0.916	0.95	735
VINE20E_DFN-161		0.021	0.044	7.36	2.75	1.73	<0.001	<0.002	24.8	0.002	0.69	0.14	1.57	0.096	0.13	1265
VINE20E_DFN-162		0.012	0.042	5.34	3.91	1.12	0.001	<0.002	27.9	0.002	0.92	0.14	1.60	0.113	0.14	655
VINE20E_DFN-163		0.016	0.043	2.18	3.84	1.12	<0.001	<0.002	32.5	0.003	0.92	0.09	1.98	0.234	0.08	635
VINE20E_DFN-164		0.012	0.038	10.20	3.69	0.90	<0.001	<0.002	34.7	0.001	0.94	0.11	1.67	0.230	0.12	1250
VINE20E_DFN-165		0.015	0.036	4.76	3.78	1.44	0.002	<0.002	14.25	0.003	0.76	0.12	1.57	0.284	0.11	1540
VINE20E_DFN-166		0.012	0.019	5.94	3.29	1.21	<0.001	<0.002	10.20	0.001	1.13	0.15	1.90	0.215	0.15	1435
VINE20E_DFN-167		0.020	0.056	5.70	4.30	1.77	<0.001	<0.002	15.55	0.003	0.84	0.17	2.10	0.323	0.17	991
VINE20E_DFN-168		0.018	0.017	3.97	3.21	0.86	0.001	<0.002	22.2	0.005	0.96	0.08	1.62	0.251	0.09	485
VINE20E_DFN-169		0.012	0.036	12.00	4.01	0.90	0.001	<0.002	48.1	0.001	0.95	0.09	1.61	0.181	0.07	478
VINE20E_DFN-170		0.017	0.021	2.13	3.08	0.81	0.001	0.002	20.9	0.003	0.92	0.09	1.45	0.254	0.11	621
VINE20E_DFN-171		0.016	0.048	3.16	3.56	1.45	<0.001	<0.002	20.7	0.001	1.11	0.14	1.47	0.181	0.17	490
VINE20E_DFN-172		0.014	0.028	1.43	2.86	0.83	<0.001	<0.002	23.8	0.003	0.84	0.09	1.43	0.184	0.06	1425
VINE20E_DFN-173		0.013	0.011	2.12	1.575	0.83	<0.001	<0.002	9.85	<0.001	0.47	0.08	1.47	0.129	0.06	1275
VINE20E_DFN-174		0.017	0.030	3.55	2.92	0.90	0.001	<0.002	6.57	0.002	0.67	0.13	1.59	0.109	0.11	1205
VINE20E_DFN-175		0.013	0.026	4.87	3.59	0.92	<0.001	<0.002	27.7	0.002	1.31	0.08	1.72	0.237	0.10	1265
VINE20E_DFN-176		0.012	0.024	0.86	3.06	0.68	<0.001	<0.002	8.79	0.002	0.92	0.04	1.28	0.096	0.06	1540
VINE20E_DFN-177		0.020	0.051	6.00	3.01	1.68	<0.001	0.002	19.15	0.009	1.14	0.14	1.14	0.149	0.13	1675
VINE20E_DFN-178		0.014	0.023	12.40	3.37	1.10	0.005	<0.002	9.20	0.002	1.07	0.09	1.98	0.138	0.07	1125
VINE20E_DFN-178C		0.134	0.419	55.3	3.60	51.8	0.005	0.009	238	0.004	1.58	0.40	1.89	0.815	1.03	787

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 9-JUN-2020
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Project: VINE EAST

CERTIFICATE OF ANALYSIS VA20100734

Sample Description	Method / Analyte / Units / LOD	ME-VEG41a Ta ppm 0.001	ME-VEG41a Te ppm 0.02	ME-VEG41a Th ppm 0.002	ME-VEG41a Ti % 0.001	ME-VEG41a Tl ppm 0.002	ME-VEG41a U ppm 0.005	ME-VEG41a V ppm 0.05	ME-VEG41a W ppm 0.01	ME-VEG41a Y ppm 0.003	ME-VEG41a Zn ppm 0.1	ME-VEG41a Zr ppm 0.02
VINE20E_DFN-150		<0.001	<0.02	0.167	0.003	0.029	0.033	1.81	0.15	0.784	685	0.98
VINE20E_DFN-151		<0.001	<0.02	0.120	0.003	0.013	0.024	1.60	0.12	2.53	770	0.65
VINE20E_DFN-152		<0.001	<0.02	0.063	0.002	0.026	0.015	0.92	0.07	1.035	866	0.42
VINE20E_DFN-153		<0.001	<0.02	0.087	0.002	0.030	0.036	1.22	0.10	1.250	1080	0.56
VINE20E_DFN-154		<0.001	<0.02	0.068	0.002	0.025	0.024	1.04	0.09	0.361	931	0.52
VINE20E_DFN-155		<0.001	<0.02	0.124	0.004	0.034	0.036	1.92	0.14	0.574	1060	0.68
VINE20E_DFN-156		<0.001	0.04	0.118	0.004	0.027	0.046	1.86	0.16	0.306	677	0.70
VINE20E_DFN-157		<0.001	<0.02	0.063	0.002	0.095	0.024	1.09	0.06	0.587	725	0.47
VINE20E_DFN-158		<0.001	0.04	0.071	0.002	0.046	0.019	1.19	0.07	0.699	1040	0.56
VINE20E_DFN-159		<0.001	<0.02	0.085	0.003	0.024	0.026	1.52	0.07	0.546	535	0.63
VINE20E_DFN-160A		<0.001	<0.02	0.338	0.008	0.379	0.092	2.56	0.14	1.365	879	0.48
VINE20E_DFN-160B		<0.001	<0.02	0.212	0.005	0.073	0.051	1.83	0.12	0.799	874	0.79
VINE20E_DFN-160C		0.010	<0.02	0.582	0.014	0.397	0.172	11.05	0.53	1.365	1290	2.02
VINE20E_DFN-161		<0.001	<0.02	0.157	0.005	0.057	0.056	1.91	0.20	1.525	709	0.76
VINE20E_DFN-162		<0.001	<0.02	0.127	0.003	0.016	0.065	1.29	0.12	0.294	701	0.63
VINE20E_DFN-163		<0.001	<0.02	0.101	0.003	0.023	0.048	1.37	0.13	0.301	787	0.60
VINE20E_DFN-164		<0.001	<0.02	0.076	0.003	0.049	0.020	1.25	0.13	1.935	934	0.57
VINE20E_DFN-165		<0.001	<0.02	0.116	0.003	0.094	0.028	1.56	0.16	1.395	643	0.74
VINE20E_DFN-166		<0.001	<0.02	0.098	0.003	0.071	0.034	1.35	0.13	2.24	830	0.65
VINE20E_DFN-167		<0.001	<0.02	0.157	0.005	0.080	0.038	2.00	0.23	2.64	606	0.89
VINE20E_DFN-168		<0.001	<0.02	0.071	0.002	0.040	0.048	0.95	0.07	0.343	1025	0.51
VINE20E_DFN-169		<0.001	<0.02	0.074	0.003	0.032	0.017	1.02	0.10	0.502	1155	0.54
VINE20E_DFN-170		<0.001	0.04	0.070	0.002	0.045	0.017	1.13	0.08	0.729	747	0.58
VINE20E_DFN-171		<0.001	<0.02	0.113	0.004	0.015	0.061	1.61	0.14	0.366	553	0.70
VINE20E_DFN-172		<0.001	<0.02	0.092	0.002	0.030	0.033	1.01	0.09	0.474	542	0.48
VINE20E_DFN-173		<0.001	<0.02	0.051	0.002	0.020	0.018	0.74	0.08	0.855	760	0.39
VINE20E_DFN-174		<0.001	<0.02	0.108	0.003	0.066	0.020	1.13	0.12	1.730	958	0.55
VINE20E_DFN-175		<0.001	<0.02	0.050	0.002	0.023	0.014	0.70	0.07	0.774	803	0.44
VINE20E_DFN-176		<0.001	<0.02	0.057	0.002	0.022	0.032	0.86	0.08	0.132	526	0.39
VINE20E_DFN-177		<0.001	<0.02	0.112	0.004	0.093	0.052	1.54	0.20	0.694	810	0.85
VINE20E_DFN-178		<0.001	0.05	0.076	0.002	0.115	0.024	0.91	0.10	1.755	549	0.58
VINE20E_DFN-178C		0.012	<0.02	0.617	0.015	0.373	0.182	10.90	0.57	1.485	1380	2.11

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 9-JUN-2020
Account: PJXRES

Project: VINE EAST

CERTIFICATE OF ANALYSIS VA20100734

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

The concentration of the reported result is based on the ashed sample. Weight of the sample and weight of the ash has not been factored in the reported concentration

Applies to Method: ME-VEG41a

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method: LOG-22 LOG-24 ME-VEG41a VEG-ASH01 WEI-21

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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www.alsglobal.com/geochemistry

To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 6-NOV-2020
This copy reported on
8-NOV-2020
Account: PJXRES

CERTIFICATE VA20242205

Project: PJXRES_VA20084609

This report is for 100 Vegetation samples submitted to our lab in Vancouver, BC, Canada on 22-OCT-2020.

The following have access to data associated with this certificate:

C. DUNN JOHN KEATING	COLIN DUNN	C. DUNN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-HAL01a	Super Trace Halogens on Vegetation

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: **Re-analysis results for samples originally reported on certificate VA20084609**

Signature:

Saa Traxler, General Manager, North Vancouver

ALS Canada Ltd.
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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 6-NOV-2020
Account: PJXRES

Project: PJXRES_VA20084609

CERTIFICATE OF ANALYSIS VA20242205

Sample Description	Method Analyte Units LOD	ME-HAL01a I ppm 0.002	ME-HAL01a Br ppm 0.02	ME-HAL01a F ppm 0.05	ME-HAL01a Cl ppm 0.1
VINE19R-DFN 001		0.170	36.0	2.00	1650
VINE19R-DFN 002		0.168	25.3	1.63	1080
VINE19R-DFN 003		0.151	55.5	1.58	1555
VINE19R-DFN 003C		5.83	59.9	2.15	7900
VINE19R-DFN 004		0.396	72.2	1.56	2000
VINE19R-DFN 005		0.264	46.2	1.50	1185
VINE19R-DFN 006		NSS	NSS	NSS	NSS
VINE19R-DFN 007		0.145	35.1	1.48	1080
VINE19R-DFN 008		0.144	32.5	1.77	982
VINE19R-DFN 009		0.130	17.95	1.76	991
VINE19R-DFN 010		0.376	34.9	1.59	1830
VINE19R-DFN 011		0.232	37.1	1.96	1750
VINE19R-DFN 012		0.190	34.6	1.55	1740
VINE19R-DFN 012C		6.12	61.6	2.15	8300
VINE19R-DFN 013		0.247	37.8	3.30	1280
VINE19R-DFN 014		0.303	178.5	1.54	1270
VINE19R-DFN 015		0.173	38.7	1.51	1645
VINE19R-DFN 016		0.236	37.5	1.64	1840
VINE19R-DFN 017		0.264	24.7	1.56	3100
VINE19R-DFN 018		0.272	49.8	1.69	1750
VINE19R-DFN 019		0.106	24.9	1.93	790
VINE19R-DFN 020		0.189	35.4	1.61	499
VINE19R-DFN 021		0.326	34.4	1.55	1180
VINE19R-DFN 021C		6.06	59.2	2.24	8400
VINE19R-DFN 022		0.219	182.5	1.54	1750
VINE19R-DFN 023		0.076	20.6	2.59	498
VINE19R-DFN 024		0.135	61.8	1.63	1920
VINE19R-DFN 025		0.163	44.4	1.62	789
VINE19R-DFN 026		0.263	37.1	1.66	2120
VINE19R-DFN 027		0.238	37.8	1.69	1650
VINE19R-DFN 028		0.218	32.4	1.99	1660
VINE19R-DFN 029		0.097	8.32	1.93	594
VINE19R-DFN 030		0.304	192.0	1.62	1455
VINE19R-DFN 030C		5.77	60.3	2.17	8000
VINE19R-DFN 031		0.195	18.40	1.88	496
VINE19R-DFN 032		0.204	60.0	1.62	888
VINE19R-DFN 033		0.142	16.75	2.13	1115
VINE19R-DFN 034		0.191	23.0	1.53	602
VINE19R-DFN 035		0.136	11.35	1.76	604
VINE19R-DFN 036		0.114	28.2	2.07	701

Comments: **Re-analysis results for samples originally reported on certificate VA20084609**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 6-NOV-2020
Account: PJXRES

Project: PJXRES_VA20084609

CERTIFICATE OF ANALYSIS VA20242205

Sample Description	Method Analyte Units LOD	ME-HAL01a I ppm 0.002	ME-HAL01a Br ppm 0.02	ME-HAL01a F ppm 0.05	ME-HAL01a Cl ppm 0.1
VINE19R-DFN 037		0.332	34.9	1.63	1290
VINE19R-DFN 038		0.358	185.5	1.49	2920
VINE19R-DFN 039		0.113	71.9	1.79	1100
VINE19R-DFN 039C		4.99	57.6	2.15	7400
VINE19R-DFN 040		0.217	40.9	1.70	1940
VINE19R-DFN 041		0.102	15.00	1.53	703
VINE19R-DFN 042		0.216	32.3	1.60	699
VINE19R-DFN 043		0.441	35.7	2.02	987
VINE19R-DFN 044		0.192	47.8	1.47	1280
VINE19R-DFN 045		0.245	74.7	1.45	1665
VINE19R-DFN 046		0.331	58.8	3.01	1195
VINE19R-DFN 047		0.204	52.9	1.80	1280
VINE19R-DFN 048		0.164	10.35	1.67	599
VINE19R-DFN 048C		5.37	55.5	2.12	7900
VINE19R-DFN 049		0.151	12.70	1.75	501
VINE19R-DFN 050		0.138	25.6	1.81	802
VINE19R-DFN 051		0.293	56.9	1.61	2660
VINE19R-DFN 052		0.233	39.1	1.54	1085
VINE19R-DFN 053		0.049	7.40	1.58	300
VINE19R-DFN 054		0.266	40.4	2.26	1095
VINE19R-DFN 055		0.197	39.3	3.17	1420
VINE19R-DFN 056		0.248	47.6	2.97	1090
VINE19R-DFN 057		0.246	20.6	1.80	402
VINE19R-DFN 057C		6.01	55.2	2.22	7900
VINE19R-DFN 058		0.264	19.65	1.69	1085
VINE19R-DFN 059		NSS	NSS	NSS	NSS
VINE19R-DFN 060		0.199	21.6	1.75	597
VINE19R-DFN 061		0.265	50.6	3.45	1205
VINE19R-DFN 062		NSS	NSS	NSS	NSS
VINE19R-DFN 063		0.142	34.1	1.30	803
VINE19R-DFN 064		0.056	25.6	1.58	1110
VINE19R-DFN 065		0.072	53.9	1.49	903
VINE19R-DFN 066		0.120	87.5	1.77	696
VINE19R-DFN 066C		5.77	58.6	2.23	7800
VINE19R-DFN 067		0.045	30.1	1.63	401
VINE19R-DFN 068		0.222	15.60	1.83	1090
VINE19R-DFN 069		0.161	58.4	1.82	1465
VINE19R-DFN 070		0.046	23.2	2.04	997
VINE19R-DFN 071		0.075	47.6	1.79	301
VINE19R-DFN 072		0.182	290	<0.05	799

Comments: **Re-analysis results for samples originally reported on certificate VA20084609**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 6-NOV-2020
Account: PJXRES

Project: PJXRES_VA20084609

CERTIFICATE OF ANALYSIS VA20242205

Sample Description	Method Analyte Units LOD	ME-HAL01a I ppm 0.002	ME-HAL01a Br ppm 0.02	ME-HAL01a F ppm 0.05	ME-HAL01a Cl ppm 0.1
VINE19R-DFN 073		0.238	113.5	1.71	399
VINE19R-DFN 074		0.178	95.1	<0.05	1740
VINE19R-DFN 075		0.103	38.4	1.89	2310
VINE19R-DFN 075C		5.57	54.4	2.10	7400
VINE19R-DFN 076		0.302	65.9	1.85	900
VINE19R-DFN 077		0.188	24.1	1.72	1090
VINE19R-DFN 078		0.206	56.0	1.68	1000
VINE19R-DFN 079		0.259	130.5	<0.05	1560
VINE19R-DFN 080		0.227	101.0	<0.05	891
VINE19R-DFN 081		0.316	39.2	1.94	1100
VINE19R-DFN 082		0.152	62.3	1.70	904
VINE19R-DFN 083		0.266	188.5	1.73	1090
VINE19R-DFN 084		0.202	45.8	1.84	602
VINE19R-DFN 084C		5.49	56.1	2.12	7200
VINE19R-DFN 085		0.194	37.2	1.76	1280
VINE19R-DFN 086		0.180	21.8	1.79	901
VINE19R-DFN 087		0.138	38.9	1.85	1575
VINE19R-DFN 088		0.176	23.6	1.74	600
VINE19R-DFN 089		0.305	79.9	1.81	2250
VINE19R-DFN 090		0.195	63.0	1.74	603

Comments: **Re-analysis results for samples originally reported on certificate VA20084609**

***** See Appendix Page for comments regarding this certificate *****

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To: **PJX RESOURCES**
5600-100 KING STREET WEST
TORONTO ON M5X 1C9

Finalized Date: 6-NOV-2020
Account: PJXRES

Project: PJXRES_VA20084609

CERTIFICATE OF ANALYSIS VA20242205

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non-sufficient sample.

Applies to Method: ALL METHODS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method: FND-02 ME-HAL01a

BUREAU VERITAS
MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Submitted By:	Confirmation & Data Distribution List
Receiving Lab:	Canada-Vancouver
Received:	October 30, 2017
Report Date:	December 13, 2017
Page:	1 of 3

CERTIFICATE OF ANALYSIS VAN17002568.1

CLIENT JOB INFORMATION

Project:	VINE
Shipment ID:	
P.O. Number	
Number of Samples:	49

SAMPLE DISPOSAL

DISP-PLP	Dispose of Pulp After 90 days
DISP-RJT	Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	49	Crush, split and pulverize 250 g rock to 200 mesh			VAN
AQ201	49	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
Ship	1	Shipping charges for collect packages			VAN

ADDITIONAL COMMENTS

Invoice To: PJX Resources Inc.
5600 - 100 King Street West
Toronto Ontario M5X 1C9
Canada

CC: Dave L.Pighin
Michael Seabrook

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
MARCUS LAU
Production Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS
MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: December 13, 2017

CERTIFICATE OF ANALYSIS VAN17002568.1

	Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
2107201	Drill Core	0.75	0.9	39.5	11.2	97	<0.1	18.3	13.7	485	3.68	<0.5	<0.5	11.4	10	<0.1	<0.1	0.8	25	0.27	0.052
2107202	Drill Core	0.53	0.9	24.2	12.0	323	<0.1	13.9	9.2	619	3.81	1.7	2.1	10.8	15	1.6	<0.1	0.9	24	0.29	0.055
2107203	Drill Core	2.82	0.9	30.6	15.1	74	<0.1	18.5	9.7	394	2.94	<0.5	<0.5	12.1	16	<0.1	<0.1	0.6	18	0.28	0.050
2107204	Drill Core	1.53	0.7	28.3	18.8	105	<0.1	17.7	9.7	513	3.26	1.5	1.2	12.2	18	<0.1	<0.1	0.6	23	0.30	0.052
2107205	Drill Core	1.94	0.5	28.0	24.0	96	<0.1	19.0	9.8	441	3.01	<0.5	1.5	12.7	21	0.1	<0.1	0.6	20	0.30	0.043
2107206	Drill Core	0.51	0.6	23.0	16.2	443	<0.1	15.8	8.3	589	3.30	<0.5	0.5	11.8	32	2.5	<0.1	0.5	24	0.61	0.048
2107207	Drill Core	2.80	1.9	26.7	20.3	79	<0.1	17.5	9.7	456	3.13	5.5	0.6	12.8	29	<0.1	0.1	0.7	20	0.61	0.046
2107208	Drill Core	2.27	1.3	27.1	6.9	66	<0.1	18.7	10.7	374	2.85	14.4	0.6	12.3	13	<0.1	0.1	0.5	16	0.27	0.038
2107209	Drill Core	2.35	1.6	34.7	22.6	72	<0.1	23.6	12.6	409	3.33	6.4	0.8	12.1	15	<0.1	0.2	0.7	22	0.36	0.051
2107210	Drill Core	2.26	1.2	20.8	8.2	33	<0.1	17.6	9.9	326	2.39	8.4	<0.5	10.4	15	<0.1	0.4	0.4	21	0.51	0.036
2107211	Drill Core	2.19	0.7	26.5	15.3	55	<0.1	20.6	11.4	365	2.77	4.5	<0.5	11.5	12	<0.1	0.1	0.5	17	0.28	0.041
2107212	Drill Core	2.10	1.9	29.4	21.0	109	<0.1	22.4	13.1	392	3.06	6.8	<0.5	14.4	10	0.3	0.4	0.6	18	0.26	0.045
2107213	Drill Core	2.64	3.4	31.6	25.7	68	0.1	22.6	12.3	329	2.98	6.9	<0.5	12.7	9	<0.1	0.5	0.7	18	0.23	0.045
2107214	Drill Core	2.37	1.8	30.3	18.4	100	<0.1	23.9	12.3	324	2.86	2.6	<0.5	11.8	11	0.2	0.1	0.5	14	0.27	0.042
2107215	Drill Core	1.72	3.9	27.2	25.5	180	<0.1	21.0	11.1	352	2.95	9.8	<0.5	11.4	13	0.6	0.1	0.7	15	0.28	0.043
2107216	Drill Core	0.46	0.6	21.3	13.8	469	<0.1	16.0	8.9	288	2.29	2.5	<0.5	9.6	13	2.2	<0.1	0.3	16	0.27	0.043
2107217	Drill Core	2.08	0.9	24.5	7.8	76	<0.1	21.5	11.5	385	2.84	5.9	<0.5	11.1	13	<0.1	0.1	0.5	16	0.27	0.038
2107218	Drill Core	0.64	0.6	32.7	7.0	344	<0.1	25.0	13.0	378	3.00	2.5	<0.5	11.5	19	1.4	0.1	0.7	17	0.32	0.056
2107219	Drill Core	2.14	0.8	21.6	6.1	110	<0.1	20.1	9.0	406	2.51	3.1	<0.5	10.8	19	0.2	<0.1	0.3	16	0.33	0.042
2107220	Drill Core	2.21	5.8	28.3	32.6	95	<0.1	21.5	10.3	239	2.54	12.9	<0.5	12.0	21	0.2	0.1	0.7	18	0.57	0.053
2107221	Drill Core	0.48	5.9	47.8	423.9	437	1.3	20.2	13.0	197	2.55	10.4	42.6	9.8	33	2.0	0.1	7.9	10	1.28	0.050
2107222	Drill Core	2.00	1.8	34.2	15.1	69	<0.1	23.1	11.5	233	2.71	9.6	<0.5	13.0	20	<0.1	0.2	0.5	18	0.53	0.050
2107223	Drill Core	0.58	0.9	33.7	51.1	835	0.1	21.0	11.3	249	2.53	5.8	1.0	11.9	30	4.4	0.1	1.0	17	1.23	0.047
2107224	Drill Core	2.08	6.5	32.1	19.5	80	<0.1	23.5	11.6	282	2.87	12.6	<0.5	12.3	18	<0.1	0.1	0.5	19	0.39	0.051
2107225	Drill Core	2.85	5.7	29.9	40.0	129	<0.1	18.8	10.6	226	2.27	11.9	<0.5	11.1	20	0.3	0.1	0.6	18	0.62	0.043
2107226	Drill Core	2.10	1.5	33.7	18.6	75	<0.1	24.0	11.8	347	3.01	4.8	<0.5	11.2	33	<0.1	0.1	0.5	24	0.68	0.048
2107227	Drill Core	2.58	3.9	34.5	48.9	90	<0.1	22.4	12.1	279	2.77	19.6	<0.5	11.5	21	0.2	0.2	0.7	18	0.68	0.049
2107228	Drill Core	1.63	2.6	23.2	42.1	71	<0.1	15.5	7.2	301	2.15	4.1	<0.5	11.6	19	<0.1	0.1	0.3	18	0.45	0.046
2107230	Drill Core	2.19	0.8	29.4	23.4	78	<0.1	17.5	9.1	332	2.49	9.6	<0.5	9.3	16	<0.1	0.1	0.3	20	0.36	0.042
2107231	Drill Core	2.53	1.0	39.5	25.0	105	<0.1	20.7	11.1	377	3.06	4.4	<0.5	11.3	17	0.2	<0.1	0.5	21	0.31	0.050

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Project: VINE
Report Date: December 13, 2017

CERTIFICATE OF ANALYSIS VAN17002568.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2107201	Drill Core	34	24	0.81	113	0.134	<1	1.53	0.049	1.16	0.1	<0.01	3.0	0.3	1.04	5	0.5	<0.2
2107202	Drill Core	29	27	1.13	180	0.144	<1	1.89	0.038	1.52	0.1	<0.01	2.4	0.5	0.62	5	<0.5	<0.2
2107203	Drill Core	33	18	0.79	114	0.123	1	1.49	0.041	1.00	0.2	<0.01	2.1	0.4	0.83	4	<0.5	<0.2
2107204	Drill Core	35	22	0.98	152	0.150	<1	1.70	0.041	1.32	0.1	<0.01	2.1	0.5	0.76	5	<0.5	<0.2
2107205	Drill Core	34	20	0.88	122	0.133	<1	1.61	0.032	1.14	0.2	<0.01	2.3	0.5	0.80	5	<0.5	<0.2
2107206	Drill Core	33	25	1.08	97	0.145	<1	1.66	0.047	0.86	0.2	<0.01	2.8	0.4	0.65	5	0.6	<0.2
2107207	Drill Core	37	19	0.89	94	0.141	1	1.58	0.042	0.76	0.2	<0.01	3.0	0.4	0.83	5	<0.5	<0.2
2107208	Drill Core	32	16	0.67	78	0.128	1	1.42	0.040	0.51	0.2	<0.01	2.4	0.2	0.79	4	0.6	<0.2
2107209	Drill Core	35	20	0.79	93	0.153	1	1.55	0.046	0.63	0.3	<0.01	4.0	0.2	1.02	5	0.5	<0.2
2107210	Drill Core	25	19	0.60	91	0.111	2	1.27	0.063	0.59	0.1	<0.01	4.6	0.4	0.61	5	<0.5	<0.2
2107211	Drill Core	27	17	0.63	86	0.134	<1	1.33	0.048	0.50	0.2	<0.01	2.6	0.2	0.75	4	<0.5	<0.2
2107212	Drill Core	34	16	0.83	80	0.100	<1	1.48	0.043	0.43	0.2	<0.01	2.7	0.2	0.83	5	<0.5	<0.2
2107213	Drill Core	35	16	0.71	71	0.091	<1	1.34	0.052	0.39	0.2	<0.01	2.7	0.1	0.99	5	0.6	<0.2
2107214	Drill Core	29	17	0.62	95	0.126	<1	1.33	0.044	0.51	0.2	<0.01	2.3	0.2	1.01	4	<0.5	<0.2
2107215	Drill Core	29	16	0.71	89	0.120	<1	1.42	0.041	0.50	0.2	<0.01	2.1	0.2	0.92	4	<0.5	<0.2
2107216	Drill Core	26	20	0.56	69	0.115	<1	1.12	0.056	0.34	0.2	<0.01	2.5	0.1	0.68	4	0.5	<0.2
2107217	Drill Core	27	20	0.72	78	0.125	2	1.36	0.046	0.37	0.2	<0.01	2.5	0.1	0.80	5	0.5	<0.2
2107218	Drill Core	35	22	0.73	93	0.132	<1	1.46	0.045	0.63	0.3	<0.01	2.6	0.2	1.00	5	0.5	<0.2
2107219	Drill Core	31	21	0.77	111	0.138	<1	1.39	0.047	0.67	0.2	<0.01	2.8	0.2	0.53	5	<0.5	<0.2
2107220	Drill Core	23	19	0.61	103	0.136	2	1.17	0.046	0.79	0.2	<0.01	3.0	0.3	0.92	4	0.6	<0.2
2107221	Drill Core	16	12	0.21	75	0.070	1	0.62	0.034	0.37	0.2	<0.01	3.0	0.1	1.52	2	0.8	0.7
2107222	Drill Core	25	19	0.58	99	0.132	1	1.13	0.040	0.75	0.2	<0.01	3.1	0.3	1.07	5	0.7	<0.2
2107223	Drill Core	18	18	0.43	87	0.123	<1	0.86	0.046	0.55	0.2	<0.01	3.2	0.2	1.14	3	0.7	<0.2
2107224	Drill Core	27	20	0.72	102	0.136	<1	1.27	0.037	0.86	0.2	<0.01	3.2	0.3	1.04	5	<0.5	<0.2
2107225	Drill Core	23	19	0.51	93	0.127	<1	0.95	0.046	0.57	0.2	<0.01	3.0	0.2	0.89	4	0.5	<0.2
2107226	Drill Core	27	21	0.83	84	0.139	1	1.40	0.037	0.83	0.2	<0.01	3.7	0.3	1.10	6	0.7	<0.2
2107227	Drill Core	24	18	0.61	91	0.124	1	1.13	0.039	0.77	0.2	<0.01	3.0	0.2	1.06	4	<0.5	<0.2
2107228	Drill Core	20	20	0.69	95	0.117	1	1.13	0.041	0.64	0.2	<0.01	3.0	0.2	0.47	5	0.6	<0.2
2107230	Drill Core	20	21	0.78	96	0.115	<1	1.22	0.046	0.79	0.1	<0.01	2.9	0.2	0.63	5	<0.5	<0.2
2107231	Drill Core	24	22	0.86	106	0.134	1	1.43	0.051	1.00	0.2	<0.01	3.1	0.3	0.89	5	0.6	<0.2

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Project: VINE
Report Date: December 13, 2017

CERTIFICATE OF ANALYSIS VAN17002568.1

	Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
2107232	Drill Core	2.19	1.4	40.4	24.8	77	<0.1	24.7	11.9	406	2.89	7.4	<0.5	11.6	21	<0.1	0.2	0.5	20	0.39	0.053
2107233	Drill Core	2.40	1.7	59.1	36.9	96	<0.1	78.6	16.9	471	3.47	3.7	<0.5	11.9	21	0.1	0.1	0.9	36	0.64	0.146
2107234	Drill Core	2.24	1.1	45.3	17.8	94	<0.1	57.4	13.9	499	2.88	1.5	<0.5	10.8	26	<0.1	0.1	0.5	25	0.83	0.131
2107235	Drill Core	2.43	1.2	36.1	14.8	152	<0.1	32.6	9.5	551	2.77	4.8	1.4	8.8	22	0.3	0.1	0.3	24	0.61	0.083
2107236	Drill Core	2.02	2.8	32.0	23.4	175	<0.1	28.3	12.0	453	3.09	11.3	1.1	10.5	13	0.6	0.1	0.5	16	0.30	0.052
2107237	Drill Core	2.69	1.3	28.2	8.6	78	<0.1	22.2	11.7	428	2.87	13.8	1.5	10.2	12	<0.1	0.1	0.5	14	0.27	0.044
2107238	Drill Core	2.65	1.4	34.6	21.1	77	<0.1	26.0	13.7	393	3.14	15.6	<0.5	10.9	10	0.1	0.6	0.9	14	0.29	0.044
2107239	Drill Core	3.04	1.6	30.9	15.8	218	<0.1	22.7	12.1	408	2.85	7.2	<0.5	10.0	14	1.3	0.2	0.8	13	0.46	0.044
2107240	Drill Core	3.01	1.2	30.0	29.5	114	<0.1	20.0	11.1	446	2.63	10.8	1.1	9.9	15	0.2	0.4	0.6	17	0.58	0.038
2107241	Drill Core	3.74	1.5	28.1	75.8	410	0.1	19.9	13.0	466	2.63	21.9	2.4	10.6	16	1.1	0.4	0.6	15	0.59	0.041
2107242	Drill Core	2.44	1.6	35.7	38.4	124	<0.1	22.9	11.4	450	2.92	16.5	1.4	11.8	12	0.4	0.6	0.6	17	0.42	0.046
2107243	Drill Core	2.51	1.0	26.7	8.7	41	<0.1	16.0	8.6	526	2.61	7.4	<0.5	9.3	12	<0.1	0.5	0.4	17	0.75	0.039
2107244	Drill Core	3.49	1.7	18.8	2.0	60	<0.1	8.7	19.8	1158	5.66	19.0	29.9	7.0	9	<0.1	0.2	0.1	87	0.51	0.137
2107245	Drill Core	2.41	1.8	39.7	32.2	66	<0.1	23.0	13.9	407	3.54	0.8	0.8	9.4	7	<0.1	0.3	0.4	31	0.22	0.051
2107246	Drill Core	2.36	2.4	50.2	40.7	69	<0.1	19.5	10.7	337	3.08	2.2	<0.5	9.1	8	<0.1	0.3	0.3	30	0.28	0.042
2107247	Drill Core	2.38	1.7	73.9	158.9	82	0.4	21.6	12.0	331	2.67	5.3	1.8	10.3	6	<0.1	0.3	1.6	23	0.26	0.044
2107248	Drill Core	1.85	1.8	61.0	6.9	44	<0.1	19.8	12.7	311	2.57	6.9	1.2	10.2	5	<0.1	0.5	0.1	27	0.25	0.050
2107249	Drill Core	2.82	1.4	182.6	1248.0	1594	2.2	24.2	15.6	341	2.80	22.7	5.1	10.4	4	9.7	0.9	7.9	21	0.25	0.041
2107251	Drill Core	3.24	1.3	56.6	15.2	59	<0.1	20.5	11.3	314	2.60	30.4	0.7	10.1	7	0.1	1.5	0.2	23	0.28	0.042

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Project: VINE
Report Date: December 13, 2017

CERTIFICATE OF ANALYSIS VAN17002568.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2107232	Drill Core	25	22	0.90	116	0.140	1	1.48	0.044	1.03	0.2	<0.01	3.2	0.4	0.84	6	0.6	<0.2
2107233	Drill Core	21	92	0.98	97	0.131	1	1.50	0.060	1.01	0.2	<0.01	4.7	0.3	1.12	6	0.8	<0.2
2107234	Drill Core	22	70	0.90	134	0.121	<1	1.43	0.044	1.07	0.2	<0.01	3.3	0.4	0.77	5	0.5	<0.2
2107235	Drill Core	21	48	1.00	107	0.127	1	1.51	0.050	0.85	0.2	<0.01	3.6	0.3	0.54	5	<0.5	<0.2
2107236	Drill Core	28	21	0.81	85	0.102	1	1.42	0.039	0.34	0.2	<0.01	2.8	<0.1	0.87	5	<0.5	<0.2
2107237	Drill Core	26	18	0.72	79	0.100	2	1.34	0.035	0.33	0.2	<0.01	2.9	<0.1	0.74	5	<0.5	<0.2
2107238	Drill Core	25	16	0.70	78	0.102	1	1.32	0.033	0.33	0.2	<0.01	3.2	<0.1	0.95	5	<0.5	<0.2
2107239	Drill Core	27	16	0.64	78	0.106	<1	1.25	0.035	0.32	0.2	<0.01	3.3	0.1	0.95	5	<0.5	<0.2
2107240	Drill Core	21	19	0.77	70	0.045	<1	1.37	0.039	0.28	<0.1	<0.01	3.2	<0.1	0.48	5	<0.5	<0.2
2107241	Drill Core	26	16	0.74	79	0.078	1	1.32	0.034	0.29	0.1	<0.01	3.5	<0.1	0.62	5	<0.5	<0.2
2107242	Drill Core	29	17	0.86	89	0.102	<1	1.57	0.034	0.35	0.2	<0.01	4.8	<0.1	0.61	6	<0.5	<0.2
2107243	Drill Core	22	17	0.79	67	0.091	<1	1.45	0.036	0.32	0.2	<0.01	3.7	<0.1	0.22	6	<0.5	<0.2
2107244	Drill Core	18	15	1.24	67	0.243	<1	2.18	0.062	0.89	0.2	<0.01	12.0	0.3	0.79	12	0.7	<0.2
2107245	Drill Core	21	23	0.85	84	0.156	<1	1.30	0.060	0.95	0.2	<0.01	5.4	0.3	1.05	6	<0.5	<0.2
2107246	Drill Core	22	22	0.88	71	0.137	<1	1.31	0.067	0.80	0.2	<0.01	5.6	0.2	0.87	6	<0.5	<0.2
2107247	Drill Core	20	19	0.83	99	0.140	<1	1.32	0.048	0.87	0.2	<0.01	4.7	0.3	0.68	6	<0.5	<0.2
2107248	Drill Core	18	24	0.83	71	0.110	<1	1.22	0.053	0.53	0.2	<0.01	4.9	0.1	0.57	6	<0.5	<0.2
2107249	Drill Core	18	19	0.92	90	0.092	2	1.43	0.035	0.57	0.2	0.02	3.9	0.2	0.61	6	1.0	0.2
2107251	Drill Core	17	18	1.05	91	0.054	<1	1.48	0.049	0.47	<0.1	<0.01	4.3	<0.1	0.41	6	<0.5	<0.2

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Project: VINE
Report Date: December 13, 2017

QUALITY CONTROL REPORT VAN17002568.1

	Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
2107206	Drill Core	0.51	0.6	23.0	16.2	443	<0.1	15.8	8.3	589	3.30	<0.5	0.5	11.8	32	2.5	<0.1	0.5	24	0.61	0.048
REP 2107206	QC		0.6	22.6	16.3	434	<0.1	15.9	8.4	594	3.29	<0.5	<0.5	11.8	32	2.5	<0.1	0.5	23	0.60	0.049
2107237	Drill Core	2.69	1.3	28.2	8.6	78	<0.1	22.2	11.7	428	2.87	13.8	1.5	10.2	12	<0.1	0.1	0.5	14	0.27	0.044
REP 2107237	QC		1.4	27.7	8.7	88	<0.1	23.7	11.6	426	2.88	14.4	<0.5	10.4	13	<0.1	0.2	0.5	14	0.27	0.043
Core Reject Duplicates																					
2107212	Drill Core	2.10	1.9	29.4	21.0	109	<0.1	22.4	13.1	392	3.06	6.8	<0.5	14.4	10	0.3	0.4	0.6	18	0.26	0.045
DUP 2107212	QC		1.8	27.5	20.8	113	<0.1	22.0	13.3	382	3.07	6.7	<0.5	14.5	11	0.3	0.4	0.6	18	0.27	0.043
2107247	Drill Core	2.38	1.7	73.9	158.9	82	0.4	21.6	12.0	331	2.67	5.3	1.8	10.3	6	<0.1	0.3	1.6	23	0.26	0.044
DUP 2107247	QC		1.7	81.2	149.3	74	0.4	22.3	12.1	313	2.66	6.5	<0.5	9.1	6	<0.1	0.3	1.5	23	0.26	0.046
Reference Materials																					
STD DS11	Standard		13.1	151.4	128.6	345	1.6	80.0	14.3	950	3.08	41.4	73.1	7.1	68	2.3	6.9	11.3	49	1.05	0.063
STD DS11	Standard		14.2	151.8	133.3	332	1.6	76.7	14.0	1037	3.07	43.5	69.4	7.8	67	2.4	7.6	11.8	50	1.04	0.072
STD OXC129	Standard		1.3	24.9	5.8	41	<0.1	75.8	20.9	418	3.02	0.6	176.8	1.5	175	<0.1	<0.1	<0.1	50	0.67	0.100
STD OXC129	Standard		1.3	27.4	5.9	42	<0.1	76.2	20.9	416	3.03	<0.5	186.5	1.8	191	<0.1	<0.1	<0.1	53	0.70	0.109
STD OXC129 Expected			1.3	28	6.2	42.9		79.5	20.3	421	3.065	0.6	195	1.9					51	0.684	0.102
STD DS11 Expected			14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
ROCK-VAN	Prep Blank		0.9	5.2	1.3	38	<0.1	1.0	3.7	557	1.73	1.6	<0.5	1.9	25	<0.1	<0.1	<0.1	22	0.66	0.041
ROCK-VAN	Prep Blank		0.6	1.6	1.3	35	<0.1	0.7	3.5	553	1.81	0.9	0.6	2.2	25	<0.1	<0.1	<0.1	21	0.60	0.042

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: December 13, 2017

QUALITY CONTROL REPORT VAN17002568.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
2107206	Drill Core	33	25	1.08	97	0.145	<1	1.66	0.047	0.86	0.2	<0.01	2.8	0.4	0.65	5	0.6	<0.2
REP 2107206	QC	33	24	1.07	95	0.139	<1	1.63	0.048	0.86	0.1	<0.01	2.7	0.4	0.64	5	0.6	<0.2
2107237	Drill Core	26	18	0.72	79	0.100	2	1.34	0.035	0.33	0.2	<0.01	2.9	<0.1	0.74	5	<0.5	<0.2
REP 2107237	QC	25	17	0.72	83	0.106	<1	1.37	0.036	0.33	0.2	<0.01	3.1	<0.1	0.74	5	<0.5	<0.2
Core Reject Duplicates																		
2107212	Drill Core	34	16	0.83	80	0.100	<1	1.48	0.043	0.43	0.2	<0.01	2.7	0.2	0.83	5	<0.5	<0.2
DUP 2107212	QC	34	16	0.81	88	0.109	1	1.55	0.044	0.45	0.2	<0.01	2.9	0.2	0.84	5	0.7	<0.2
2107247	Drill Core	20	19	0.83	99	0.140	<1	1.32	0.048	0.87	0.2	<0.01	4.7	0.3	0.68	6	<0.5	<0.2
DUP 2107247	QC	18	18	0.81	96	0.121	1	1.30	0.050	0.86	0.2	<0.01	4.3	0.2	0.70	5	<0.5	<0.2
Reference Materials																		
STD DS11	Standard	18	56	0.84	349	0.092	7	1.15	0.072	0.40	2.9	0.24	2.9	4.9	0.27	5	1.9	4.5
STD DS11	Standard	19	58	0.83	371	0.094	6	1.17	0.071	0.40	2.8	0.26	3.3	4.8	0.28	5	2.3	4.8
STD OXC129	Standard	12	48	1.53	47	0.397	1	1.56	0.585	0.35	<0.1	<0.01	1.2	<0.1	<0.05	5	<0.5	<0.2
STD OXC129	Standard	12	52	1.54	51	0.397	<1	1.57	0.572	0.35	<0.1	<0.01	0.9	<0.1	<0.05	6	<0.5	<0.2
STD OXC129 Expected		12.5	52	1.545	50	0.4	1	1.58	0.59	0.3655			1.1			5.5		
STD DS11 Expected		18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																		
ROCK-VAN	Prep Blank	6	2	0.51	106	0.075	2	1.00	0.094	0.11	<0.1	<0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
ROCK-VAN	Prep Blank	7	3	0.50	58	0.074	2	0.97	0.090	0.08	0.1	<0.01	2.8	<0.1	<0.05	4	<0.5	<0.2

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Bureau Veritas Commodities Canada Ltd.
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PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Submitted By: Confirmation & Data Distribution List
Receiving Lab: Canada-Vancouver
Received: December 01, 2017
Report Date: January 05, 2018
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN17002902.1

CLIENT JOB INFORMATION

Project: VINE
Shipment ID:
P.O. Number
Number of Samples: 7

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
BAT01	1	Batch charge of <20 samples			VAN
PRP70-250	7	Crush, split and pulverize 250 g rock to 200 mesh			VAN
FA430	7	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	7	Environmental disposal charge-Fire assay lead waste			VAN
AQ201	7	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
MA370-Li	7	4 Acid digestion ICP-ES analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: PJX Resources Inc.
5600 - 100 King Street West
Toronto Ontario M5X 1C9
Canada

CC: Dave L.Pighin
Michael Seabrook

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
MARCUS LAU
Production Manager

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: January 05, 2018

CERTIFICATE OF ANALYSIS VAN17002902.1

	Method	WGHT	FA430	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
2107189	Rock	0.45	<0.005	0.7	127.9	23.6	13	0.1	18.9	27.5	119	3.16	<0.5	2.1	13.6	3	<0.1	0.2	3.2	20	0.11
2107190	Drill Core	2.62	0.018	2.2	4.7	15.0	7	0.1	24.0	22.0	294	3.49	85.3	16.1	7.3	45	<0.1	0.8	2.8	6	1.91
2107191	Drill Core	1.75	0.007	1.4	5.3	15.2	39	0.1	20.1	14.9	357	2.67	40.0	4.8	7.8	46	0.1	0.2	1.6	7	1.60
2107192	Drill Core	1.93	0.134	1.4	537.9	65.1	53	1.2	56.9	84.9	412	5.89	124.7	126.0	5.7	34	0.1	0.7	11.3	9	1.23
2107193	Drill Core	2.02	0.010	0.7	238.9	12.4	63	0.2	16.2	45.5	608	8.82	42.5	7.8	1.5	44	0.1	0.3	2.5	16	1.82
2107194	Drill Core	2.65	0.009	0.6	11.4	6.3	50	<0.1	5.5	45.7	692	9.76	24.6	6.6	1.4	72	<0.1	0.3	2.3	67	2.90
2107195	Drill Core	2.03	<0.005	0.6	13.5	40.1	24	0.2	13.3	7.3	251	1.83	18.1	3.4	12.4	31	0.2	0.1	0.3	10	1.60

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PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: January 05, 2018

CERTIFICATE OF ANALYSIS VAN17002902.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	MA370
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Li
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.01
2107189	Rock	0.013	10	28	0.28	10	0.171	<1	0.49	0.090	0.03	<0.1	<0.01	5.1	<0.1	2.95	3	1.5	<0.2	<0.01
2107190	Drill Core	0.039	5	7	0.61	5	0.001	<1	0.12	0.098	0.01	<0.1	<0.01	7.2	<0.1	3.13	<1	1.2	<0.2	<0.01
2107191	Drill Core	0.033	7	6	0.71	17	<0.001	<1	0.23	0.083	0.07	<0.1	<0.01	5.0	<0.1	1.15	<1	<0.5	<0.2	<0.01
2107192	Drill Core	0.040	3	6	1.22	14	<0.001	<1	0.25	0.070	0.06	<0.1	<0.01	5.6	<0.1	3.17	<1	1.1	0.4	<0.01
2107193	Drill Core	0.234	2	1	1.65	15	0.002	<1	0.45	0.140	0.06	<0.1	<0.01	14.1	<0.1	3.64	2	1.4	<0.2	<0.01
2107194	Drill Core	0.159	3	<1	1.89	19	0.005	<1	1.46	0.079	0.06	<0.1	<0.01	19.2	<0.1	4.73	8	1.0	<0.2	<0.01
2107195	Drill Core	0.050	16	8	0.60	22	<0.001	<1	0.30	0.099	0.13	<0.1	<0.01	5.9	<0.1	0.38	<1	<0.5	<0.2	<0.01

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PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: January 05, 2018

QUALITY CONTROL REPORT VAN17002902.1

	Method	WGHT	FA430	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
2107191	Drill Core	1.75	0.007	1.4	5.3	15.2	39	0.1	20.1	14.9	357	2.67	40.0	4.8	7.8	46	0.1	0.2	1.6	7	1.60
REP 2107191	QC																				
2107194	Drill Core	2.65	0.009	0.6	11.4	6.3	50	<0.1	5.5	45.7	692	9.76	24.6	6.6	1.4	72	<0.1	0.3	2.3	67	2.90
REP 2107194	QC		0.012																		
Reference Materials																					
STD CDN-ME-14	Standard																				
STD DS11	Standard			14.3	151.8	143.7	346	1.8	82.3	14.8	1056	3.17	43.9	72.4	8.4	74	2.5	8.1	12.7	50	1.14
STD LI-1	Standard																				
STD OXC129	Standard			1.4	27.3	6.2	40	<0.1	81.8	20.9	428	3.12	0.6	188.7	1.8	211	<0.1	<0.1	<0.1	53	0.83
STD OXC145	Standard		0.215																		
STD OXC145	Standard		0.216																		
STD OXH139	Standard		1.305																		
STD OXH139	Standard		1.342																		
STD OXN134	Standard		7.474																		
STD OXN134 Expected			7.667																		
STD OXC129 Expected				1.3	28	6.2	42.9		79.5	20.3	421	3.065	0.6	195	1.9					51	0.684
STD DS11 Expected				14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	8.74	12.2	50	1.063
STD OXC145 Expected			0.212																		
STD OXH139 Expected			1.312																		
STD LI-1 Expected																					
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				
Prep Wash																					
ROCK-VAN	Prep Blank		<0.005	0.7	3.9	1.2	37	<0.1	1.3	4.0	557	1.83	1.0	1.7	2.3	22	<0.1	<0.1	<0.1	22	0.67

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Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: January 05, 2018

QUALITY CONTROL REPORT VAN17002902.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	MA370
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Li
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.01
Pulp Duplicates																				
2107191	Drill Core	0.033	7	6	0.71	17	<0.001	<1	0.23	0.083	0.07	<0.1	<0.01	5.0	<0.1	1.15	<1	<0.5	<0.2	<0.01
REP 2107191	QC																			<0.01
2107194	Drill Core	0.159	3	<1	1.89	19	0.005	<1	1.46	0.079	0.06	<0.1	<0.01	19.2	<0.1	4.73	8	1.0	<0.2	<0.01
REP 2107194	QC																			
Reference Materials																				
STD CDN-ME-14	Standard																			<0.01
STD DS11	Standard	0.068	20	62	0.87	397	0.102	7	1.23	0.075	0.42	3.0	0.28	3.4	5.1	0.32	5	2.6	5.0	
STD LI-1	Standard																			1.50
STD OXC129	Standard	0.100	13	55	1.64	52	0.433	<1	1.70	0.609	0.36	<0.1	<0.01	0.9	<0.1	<0.05	6	<0.5	<0.2	
STD OXC145	Standard																			
STD OXC145	Standard																			
STD OXH139	Standard																			
STD OXH139	Standard																			
STD OXN134	Standard																			
STD OXN134 Expected																				
STD OXC129 Expected		0.102	12.5	52	1.545	50	0.4	1	1.58	0.59	0.3655			1.1			5.5			
STD DS11 Expected		0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56	
STD OXC145 Expected																				
STD OXH139 Expected																				
STD LI-1 Expected																				1.53
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			<0.01
Prep Wash																				
ROCK-VAN	Prep Blank	0.042	6	3	0.49	50	0.084	2	0.84	0.062	0.08	0.1	<0.01	2.9	<0.1	<0.05	4	<0.5	<0.2	<0.01

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BUREAU VERITAS
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Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Submitted By:	Confirmation & Data Distribution List
Receiving Lab:	Canada-Vancouver
Received:	December 06, 2017
Report Date:	January 09, 2018
Page:	1 of 2

CERTIFICATE OF ANALYSIS VAN17003047.1

CLIENT JOB INFORMATION

Project:	VINE
Shipment ID:	
P.O. Number	
Number of Samples:	8

SAMPLE DISPOSAL

DISP-PLP	Dispose of Pulp After 90 days
DISP-RJT	Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
BAT01	1	Batch charge of <20 samples			VAN
PRP70-250	8	Crush, split and pulverize 250 g rock to 200 mesh			VAN
FA430	8	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	8	Environmental disposal charge-Fire assay lead waste			VAN
AQ201	8	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
MA370-Li	8	4 Acid digestion ICP-ES analysis	0.5	Completed	VAN
Ship	8	Shipping charges for collect packages			VAN

ADDITIONAL COMMENTS

Invoice To: PJX Resources Inc.
5600 - 100 King Street West
Toronto Ontario M5X 1C9
Canada

CC: Dave L.Pighin
Michael Seabrook

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
MARCUS LAU
Production Manager

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: January 09, 2018

CERTIFICATE OF ANALYSIS VAN17003047.1

	Method	WGHT	FA430	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
2108901	Drill Core	1.54	<0.005	0.2	27.0	11.8	17	0.2	25.7	26.4	380	2.85	40.4	2.5	11.1	37	0.1	0.2	0.5	8	2.75
2108902	Drill Core	2.03	<0.005	0.2	6.2	14.0	38	0.1	39.0	34.0	499	4.63	27.5	2.5	5.9	33	0.1	0.3	0.7	16	2.36
2108903	Drill Core	1.34	<0.005	0.4	3.5	74.9	108	0.2	66.0	34.1	902	5.68	19.3	2.0	5.6	61	0.7	0.7	0.6	18	4.83
2108904	Drill Core	1.81	<0.005	0.6	9.1	663.8	362	1.7	47.6	34.9	527	4.10	27.5	4.6	11.0	44	3.4	0.6	3.3	10	3.59
2108905	Drill Core	3.02	<0.005	0.2	6.6	530.8	19	2.2	27.9	51.2	496	3.56	22.6	4.4	8.2	43	0.1	0.3	4.2	8	3.54
2108906	Drill Core	1.31	0.006	0.6	8.1	385.3	33	1.3	51.9	47.1	610	4.38	30.0	3.1	10.4	54	0.2	0.4	2.5	7	4.21
2108907	Drill Core	2.25	<0.005	0.4	6.2	67.6	66	0.1	130.5	34.1	1085	7.56	15.3	<0.5	5.6	85	0.2	0.5	0.4	25	5.92
2108908	Drill Core	2.52	<0.005	0.3	3.5	4.1	21	0.2	41.4	32.2	471	3.39	43.4	3.4	11.4	52	<0.1	0.5	1.3	9	3.33

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: January 09, 2018

CERTIFICATE OF ANALYSIS VAN17003047.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	MA370
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Li
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.01
2108901	Drill Core	0.043	5	7	0.80	5	<0.001	2	0.20	0.090	0.03	0.2	<0.01	7.0	<0.1	1.18	<1	<0.5	<0.2	<0.01
2108902	Drill Core	0.028	5	19	1.54	5	<0.001	1	0.25	0.098	0.04	<0.1	<0.01	12.5	<0.1	1.12	<1	<0.5	<0.2	<0.01
2108903	Drill Core	0.028	3	24	2.40	5	<0.001	2	0.27	0.092	0.04	0.2	0.02	14.9	<0.1	0.70	<1	<0.5	<0.2	<0.01
2108904	Drill Core	0.029	5	11	1.19	2	<0.001	<1	0.16	0.080	0.02	<0.1	0.04	8.7	<0.1	1.39	<1	<0.5	<0.2	<0.01
2108905	Drill Core	0.027	3	8	0.99	2	<0.001	<1	0.16	0.087	0.03	<0.1	<0.01	6.1	<0.1	1.42	<1	0.6	0.3	<0.01
2108906	Drill Core	0.037	3	7	1.28	3	<0.001	<1	0.19	0.069	0.04	<0.1	<0.01	7.7	<0.1	1.45	<1	<0.5	<0.2	<0.01
2108907	Drill Core	0.026	3	51	3.02	5	<0.001	<1	0.37	0.096	0.08	<0.1	<0.01	21.5	<0.1	0.44	1	<0.5	<0.2	<0.01
2108908	Drill Core	0.043	3	12	1.15	3	<0.001	<1	0.27	0.081	0.04	0.1	<0.01	8.1	<0.1	0.98	<1	<0.5	<0.2	<0.01

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: January 09, 2018

QUALITY CONTROL REPORT VAN17003047.1

	Method	WGHT	FA430	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
2108906	Drill Core	1.31	0.006	0.6	8.1	385.3	33	1.3	51.9	47.1	610	4.38	30.0	3.1	10.4	54	0.2	0.4	2.5	7	4.21
REP 2108906	QC																				
2108907	Drill Core	2.25	<0.005	0.4	6.2	67.6	66	0.1	130.5	34.1	1085	7.56	15.3	<0.5	5.6	85	0.2	0.5	0.4	25	5.92
REP 2108907	QC		<0.005																		
2108908	Drill Core	2.52	<0.005	0.3	3.5	4.1	21	0.2	41.4	32.2	471	3.39	43.4	3.4	11.4	52	<0.1	0.5	1.3	9	3.33
REP 2108908	QC			0.3	3.3	3.6	19	0.2	40.3	30.9	484	3.37	44.8	3.5	11.7	52	0.1	0.5	1.4	8	3.34
Reference Materials																					
STD CDN-ME-14	Standard																				
STD DS11	Standard			14.7	161.2	157.7	381	1.8	82.6	14.9	1066	3.17	48.7	82.8	8.8	76	2.8	8.8	14.5	49	1.09
STD LI-1	Standard																				
STD OXC129	Standard			1.4	26.3	6.0	39	<0.1	78.3	19.0	426	3.06	<0.5	201.6	1.7	193	<0.1	<0.1	<0.1	52	0.70
STD OXC145	Standard		0.220																		
STD OXH139	Standard		1.379																		
STD OXN134	Standard		7.989																		
STD LI-1 Expected																					
STD OXC129 Expected				1.3	28	6.2	42.9		79.5	20.3	421	3.065	0.6	195	1.9					51	0.684
STD DS11 Expected				14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	8.74	12.2	50	1.063
STD OXN134 Expected			7.667																		
STD OXC145 Expected			0.212																		
STD OXH139 Expected			1.312																		
BLK	Blank																				
BLK	Blank			<0.1	<0.1	0.2	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
Prep Wash																					
ROCK-VAN	Prep Blank		<0.005	0.9	6.0	3.2	37	<0.1	0.8	3.1	492	1.76	1.1	1.7	2.3	19	<0.1	<0.1	<0.1	22	0.56

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: January 09, 2018

QUALITY CONTROL REPORT VAN17003047.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	MA370
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Li
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.01
Pulp Duplicates																				
2108906	Drill Core	0.037	3	7	1.28	3	<0.001	<1	0.19	0.069	0.04	<0.1	<0.01	7.7	<0.1	1.45	<1	<0.5	<0.2	<0.01
REP 2108906	QC																			<0.01
2108907	Drill Core	0.026	3	51	3.02	5	<0.001	<1	0.37	0.096	0.08	<0.1	<0.01	21.5	<0.1	0.44	1	<0.5	<0.2	<0.01
REP 2108907	QC																			
2108908	Drill Core	0.043	3	12	1.15	3	<0.001	<1	0.27	0.081	0.04	0.1	<0.01	8.1	<0.1	0.98	<1	<0.5	<0.2	<0.01
REP 2108908	QC	0.041	3	12	1.19	3	<0.001	<1	0.27	0.081	0.04	0.1	<0.01	8.0	<0.1	0.93	<1	<0.5	<0.2	
Reference Materials																				
STD CDN-ME-14	Standard																			<0.01
STD DS11	Standard	0.059	20	58	0.85	376	0.101	7	1.20	0.072	0.41	3.3	0.28	3.6	4.8	0.28	6	2.2	4.8	
STD LI-1	Standard																			1.54
STD OXC129	Standard	0.093	13	58	1.58	55	0.454	2	1.60	0.589	0.36	<0.1	<0.01	0.9	<0.1	<0.05	6	<0.5	<0.2	
STD OXC145	Standard																			
STD OXH139	Standard																			
STD OXN134	Standard																			
STD LI-1 Expected																				1.53
STD OXC129 Expected		0.102	12.5	52	1.545	50	0.4	1	1.58	0.59	0.3655			1.1			5.5			
STD DS11 Expected		0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56	
STD OXN134 Expected																				
STD OXC145 Expected																				
STD OXH139 Expected																				
BLK	Blank																			<0.01
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
ROCK-VAN	Prep Blank	0.039	7	3	0.43	59	0.089	2	0.78	0.067	0.07	0.2	<0.01	3.0	<0.1	<0.05	4	<0.5	<0.2	<0.01

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Submitted By:	Confirmation & Data Distribution List
Receiving Lab:	Canada-Vancouver
Received:	February 13, 2018
Report Date:	February 22, 2018
Page:	1 of 2

CERTIFICATE OF ANALYSIS VAN18000319.1

CLIENT JOB INFORMATION

Project:	VINE
Shipment ID:	
P.O. Number	
Number of Samples:	3

SAMPLE DISPOSAL

DISP-PLP	Dispose of Pulp After 90 days
DISP-RJT	Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
BAT01	1	Batch charge of <20 samples			VAN
PRP70-250	3	Crush, split and pulverize 250 g rock to 200 mesh			VAN
FA430	3	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	3	Environmental disposal charge-Fire assay lead waste			VAN
AQ201	3	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: PJX Resources Inc.
5600 - 100 King Street West
Toronto Ontario M5X 1C9
Canada

CC: Dave L.Pighin
Michael Seabrook

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
MARCUS LAU
Production Manager

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: February 22, 2018

CERTIFICATE OF ANALYSIS VAN18000319.1

	Method	WGHT	FA430	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
2108909	Drill Core	0.57	0.005	0.3	6.7	6.3	22	<0.1	13.6	33.6	422	3.30	25.5	3.7	1.4	33	<0.1	0.2	0.9	12	2.47
2108910	Drill Core	0.59	0.007	0.1	4.7	4.9	23	<0.1	53.2	25.4	539	4.00	17.0	4.8	0.9	88	<0.1	2.4	0.4	13	6.37
2108911	Drill Core	0.96	0.006	0.5	6.7	3.5	9	<0.1	20.5	19.2	131	1.97	8.9	3.6	5.0	44	<0.1	0.5	0.3	5	1.84

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PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: February 22, 2018

CERTIFICATE OF ANALYSIS VAN18000319.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2108909	Drill Core	0.029	<1	2	1.07	7	<0.001	<1	0.08	0.034	0.02	<0.1	<0.01	5.6	<0.1	1.42	<1	<0.5	<0.2
2108910	Drill Core	0.004	<1	23	2.48	25	<0.001	1	0.31	0.012	0.16	<0.1	0.01	15.5	<0.1	2.85	<1	<0.5	<0.2
2108911	Drill Core	0.020	2	4	0.90	60	<0.001	2	0.42	0.016	0.15	0.2	0.03	4.9	<0.1	1.68	<1	<0.5	<0.2

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BUREAU VERITAS
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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: February 22, 2018

QUALITY CONTROL REPORT VAN18000319.1

	Method	WGHT	FA430	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
2108910	Drill Core	0.59	0.007	0.1	4.7	4.9	23	<0.1	53.2	25.4	539	4.00	17.0	4.8	0.9	88	<0.1	2.4	0.4	13	6.37
REP 2108910	QC		0.013																		
2108911	Drill Core	0.96	0.006	0.5	6.7	3.5	9	<0.1	20.5	19.2	131	1.97	8.9	3.6	5.0	44	<0.1	0.5	0.3	5	1.84
REP 2108911	QC			0.7	6.6	3.5	9	<0.1	20.3	19.2	130	1.97	9.4	5.0	5.1	47	<0.1	0.6	0.3	5	1.82
Reference Materials																					
STD DS11	Standard			12.8	149.1	132.6	345	1.8	78.5	14.2	1058	3.06	40.9	94.2	7.1	65	2.1	8.5	11.1	49	1.05
STD OXC129	Standard			1.2	26.2	5.7	39	<0.1	81.5	20.3	410	2.99	<0.5	197.2	1.6	179	<0.1	<0.1	<0.1	51	0.64
STD OXC145	Standard		0.218																		
STD OXH139	Standard		1.332																		
STD OXN134	Standard		7.649																		
STD OXN134 Expected			7.667																		
STD OXC145 Expected			0.212																		
STD OXH139 Expected			1.312																		
STD OXC129 Expected				1.3	28	6.2	42.9		79.5	20.3	421	3.065	0.6	195	1.9					51	0.684
STD DS11 Expected				14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	8.74	12.2	50	1.063
BLK	Blank		0.006																		
BLK	Blank		0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
ROCK-VAN	Prep Blank		<0.005	0.8	4.5	3.8	36	<0.1	0.8	3.3	501	1.71	0.8	3.4	1.6	18	<0.1	<0.1	<0.1	21	0.53

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: February 22, 2018

QUALITY CONTROL REPORT VAN18000319.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																			
2108910	Drill Core	0.004	<1	23	2.48	25	<0.001	1	0.31	0.012	0.16	<0.1	0.01	15.5	<0.1	2.85	<1	<0.5	<0.2
REP 2108910	QC																		
2108911	Drill Core	0.020	2	4	0.90	60	<0.001	2	0.42	0.016	0.15	0.2	0.03	4.9	<0.1	1.68	<1	<0.5	<0.2
REP 2108911	QC	0.021	2	5	0.90	61	<0.001	2	0.43	0.016	0.15	0.3	0.04	4.7	<0.1	1.68	<1	<0.5	<0.2
Reference Materials																			
STD DS11	Standard	0.069	17	59	0.84	341	0.092	7	1.13	0.071	0.40	3.1	0.28	3.2	4.7	0.27	5	2.3	4.8
STD OXC129	Standard	0.098	12	52	1.53	49	0.417	<1	1.51	0.571	0.37	<0.1	<0.01	0.6	<0.1	<0.05	5	<0.5	<0.2
STD OXC145	Standard																		
STD OXH139	Standard																		
STD OXN134	Standard																		
STD OXN134 Expected																			
STD OXC145 Expected																			
STD OXH139 Expected																			
STD OXC129 Expected		0.102	12.5	52	1.545	50	0.4	1	1.58	0.59	0.3655			1.1			5.5		
STD DS11 Expected		0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																			
ROCK-VAN	Prep Blank	0.036	4	2	0.47	44	0.059	1	0.86	0.095	0.10	<0.1	<0.01	2.3	<0.1	<0.05	3	<0.5	<0.2

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PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Submitted By: Confirmation & Data Distribution List
Receiving Lab: Canada-Vancouver
Received: June 22, 2018
Report Date: July 14, 2018

CERTIFICATE OF ANALYSIS VAN18001488.1

CLIENT JOB INFORMATION

Project: VINE
Shipment ID:
P.O. Number
Number of Samples: 9

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
BAT01	1	Batch charge of <20 samples			VAN
PRP70-250	9	Crush, split and pulverize 250 g rock to 200 mesh			VAN
FA430	9	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	9	Environmental disposal charge-Fire assay lead waste			VAN
AQ201	9	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
Ship	1	Shipping charges for collect packages			VAN

ADDITIONAL COMMENTS

Invoice To: PJX Resources Inc.
5600 - 100 King Street West
Toronto Ontario M5X 1C9
Canada

CC: Dave L.Pighin
Michael Seabrook

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
MARCUS LAU
Production Manager

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: July 14, 2018

CERTIFICATE OF ANALYSIS VAN18001488.1

	Method	WGHT	FA430	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
2108912	Drill Core	2.39	0.008	2.3	83.2	13.5	36	<0.1	2.1	29.4	751	5.05	16.7	6.9	6.9	27	<0.1	0.6	0.5	21	2.10
2108913	Drill Core	0.73	0.103	1.6	156.1	97.9	33	0.5	8.6	186.8	454	10.91	114.7	112.4	6.8	13	<0.1	3.3	9.0	20	0.86
2108914	Drill Core	2.95	0.009	1.5	77.3	10.6	37	<0.1	3.7	36.1	756	5.28	18.3	7.0	7.1	29	<0.1	0.9	0.8	25	2.03
2108915	Drill Core	0.50	0.230	2.0	195.8	186.3	26	0.9	17.2	319.7	324	18.39	279.3	222.8	4.5	7	<0.1	5.8	17.2	18	0.42
2108916	Drill Core	2.24	0.007	1.5	82.2	13.3	38	<0.1	3.0	28.7	760	5.36	11.4	2.2	6.9	25	<0.1	0.5	0.6	25	1.91
2108917	Drill Core	2.54	0.005	1.3	142.2	3.1	46	<0.1	1.4	11.1	1014	5.23	3.9	4.3	6.9	33	<0.1	0.2	0.2	19	2.81
2108918	Drill Core	2.33	<0.005	0.2	108.0	1.5	48	<0.1	33.6	44.5	1145	7.65	8.7	2.4	2.3	24	<0.1	0.1	0.2	396	2.29
2108919	Drill Core	3.20	<0.005	0.2	82.1	1.9	62	<0.1	30.9	35.9	1253	7.99	7.5	0.7	3.5	18	<0.1	0.1	0.2	352	1.50
2108920	Drill Core	2.32	0.007	1.2	16.5	19.4	28	0.3	4.6	21.1	658	4.98	18.7	3.0	2.9	63	<0.1	0.6	1.3	8	2.49

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: July 14, 2018

CERTIFICATE OF ANALYSIS VAN18001488.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2108912	Drill Core	0.176	26	3	0.98	10	0.137	<1	1.77	0.052	0.04	0.3	<0.01	10.2	<0.1	1.14	12	<0.5	<0.2
2108913	Drill Core	0.178	27	2	0.84	11	0.156	<1	1.67	0.089	0.05	0.2	0.01	9.9	<0.1	7.51	11	2.2	0.9
2108914	Drill Core	0.175	26	2	1.07	12	0.135	1	1.94	0.065	0.04	0.2	0.01	12.1	<0.1	1.07	14	<0.5	<0.2
2108915	Drill Core	0.110	16	1	0.70	8	0.133	<1	1.47	0.072	0.06	0.1	<0.01	6.7	<0.1	>10	8	5.5	1.9
2108916	Drill Core	0.218	23	2	1.10	8	0.133	<1	1.99	0.052	0.04	0.3	<0.01	10.4	<0.1	0.90	14	<0.5	<0.2
2108917	Drill Core	0.153	21	2	1.17	7	0.146	<1	2.19	0.072	0.04	0.2	<0.01	11.9	<0.1	0.25	16	<0.5	<0.2
2108918	Drill Core	0.062	3	3	1.91	41	0.270	<1	2.82	0.032	0.78	0.6	<0.01	10.0	0.4	1.02	13	0.5	<0.2
2108919	Drill Core	0.115	4	26	3.00	14	0.214	<1	3.58	0.020	0.32	0.5	<0.01	14.0	0.2	0.79	15	<0.5	<0.2
2108920	Drill Core	0.198	6	4	1.42	9	0.002	<1	0.25	0.080	0.04	0.1	<0.01	12.2	<0.1	0.63	<1	<0.5	<0.2

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Submitted By: Confirmation & Data Distribution List
Receiving Lab: Canada-Vancouver
Received: July 17, 2018
Report Date: August 03, 2018

CERTIFICATE OF ANALYSIS VAN18001764.1

CLIENT JOB INFORMATION

Project: VINE
Shipment ID:
P.O. Number
Number of Samples: 15

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
BAT01	1	Batch charge of <20 samples			VAN
PRP70-250	15	Crush, split and pulverize 250 g rock to 200 mesh			VAN
FA430	15	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	15	Environmental disposal charge-Fire assay lead waste			VAN
AQ201	15	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
Ship	1	Shipping charges for collect packages			VAN

ADDITIONAL COMMENTS

Invoice To: PJX Resources Inc.
5600 - 100 King Street West
Toronto Ontario M5X 1C9
Canada

CC: Dave L.Pighin
Michael Seabrook

JEFFREY CANNON
Geochemistry Department Supervisor

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Bureau Veritas Commodities Canada Ltd.

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PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: August 03, 2018

CERTIFICATE OF ANALYSIS VAN18001764.1

	Method	WGHT	FA430	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
2108921	Drill Core	0.81	<0.005	0.7	106.4	1.7	84	<0.1	9.8	40.0	1402	9.08	3.0	0.8	3.2	16	<0.1	0.2	<0.1	261	2.16
2108922	Drill Core	2.81	<0.005	0.2	71.1	5.4	91	<0.1	42.1	24.3	841	4.36	2.7	<0.5	2.6	69	<0.1	0.3	0.2	67	2.03
2108923	Drill Core	2.28	0.006	0.5	285.5	256.7	1385	1.4	63.7	35.6	424	6.49	2.7	6.8	4.3	21	2.1	0.2	8.1	46	1.07
2108924	Drill Core	2.36	0.005	0.5	272.8	100.4	692	0.7	65.2	31.2	473	6.24	1.2	4.3	3.9	26	1.1	0.2	5.1	53	1.05
2108925	Drill Core	2.45	0.006	0.5	147.7	86.5	358	0.4	47.9	28.3	756	6.62	2.3	2.5	3.0	28	0.5	0.2	2.3	66	0.92
2108926	Drill Core	2.01	<0.005	0.6	60.9	78.0	244	0.3	37.3	23.2	577	4.93	5.3	<0.5	5.3	19	0.3	0.2	1.5	51	0.54
2108927	Drill Core	2.36	0.005	1.9	263.3	12.2	54	<0.1	19.1	12.3	418	3.61	12.7	1.8	10.3	7	<0.1	0.2	0.7	38	0.31
2108928	Drill Core	2.67	<0.005	1.7	77.3	2.3	33	<0.1	14.7	8.0	394	2.86	20.8	<0.5	10.5	6	<0.1	0.2	0.4	20	0.21
2108929	Drill Core	2.58	<0.005	0.2	36.3	2.8	81	<0.1	46.5	19.2	627	3.59	5.9	<0.5	1.9	73	<0.1	0.4	<0.1	60	1.08
2108930	Drill Core	2.49	<0.005	0.5	465.9	370.2	2013	1.5	51.5	41.2	323	6.75	2.5	2.7	3.6	22	3.3	0.2	6.0	30	0.66
2108931	Drill Core	3.13	0.020	0.4	611.3	425.0	2167	2.5	50.0	42.2	182	7.20	<0.5	2.5	2.2	14	2.9	0.1	8.9	24	0.57
2108932	Drill Core	2.06	<0.005	0.5	328.6	26.7	518	0.3	39.1	28.4	265	4.99	<0.5	<0.5	2.5	14	0.7	0.1	2.1	29	0.42
2108933	Drill Core	2.46	0.005	0.8	370.7	54.0	1409	0.9	93.3	30.7	457	6.08	<0.5	1.3	3.8	15	2.6	0.1	4.1	55	0.48
2108934	Drill Core	2.45	<0.005	0.6	290.2	10.3	215	0.2	88.6	35.4	416	5.92	1.2	<0.5	4.0	15	0.5	0.1	2.1	41	0.45
2108935	Drill Core	2.08	<0.005	0.1	20.6	2.9	152	<0.1	80.7	10.2	826	4.71	0.8	<0.5	5.8	50	<0.1	0.2	0.1	50	0.96

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PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: August 03, 2018

CERTIFICATE OF ANALYSIS VAN18001764.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2108921	Drill Core	0.049	6	2	2.54	31	0.161	<1	3.91	0.035	0.40	0.3	<0.01	10.9	0.2	0.66	13	<0.5	<0.2
2108922	Drill Core	0.101	6	84	1.68	10	0.195	<1	2.47	0.051	0.12	0.3	<0.01	5.9	<0.1	0.36	8	<0.5	<0.2
2108923	Drill Core	0.054	11	56	1.16	51	0.153	<1	1.53	0.061	0.45	0.3	<0.01	5.8	0.2	2.98	6	0.9	<0.2
2108924	Drill Core	0.061	9	71	1.25	48	0.183	1	1.67	0.068	0.44	0.4	<0.01	6.2	0.2	2.54	7	0.7	<0.2
2108925	Drill Core	0.150	8	53	1.93	28	0.220	<1	2.48	0.059	0.47	0.6	<0.01	7.8	0.3	1.78	11	<0.5	<0.2
2108926	Drill Core	0.093	11	41	1.70	31	0.157	<1	2.01	0.068	0.50	0.4	<0.01	5.4	0.3	1.37	9	<0.5	<0.2
2108927	Drill Core	0.049	21	28	1.29	50	0.133	<1	1.60	0.080	0.53	0.2	<0.01	7.0	0.2	1.39	7	<0.5	<0.2
2108928	Drill Core	0.040	19	15	0.97	82	0.103	<1	1.63	0.049	0.57	0.2	<0.01	4.3	0.2	0.49	5	<0.5	<0.2
2108929	Drill Core	0.051	5	113	1.55	5	0.205	<1	1.97	0.038	0.03	0.2	<0.01	5.5	<0.1	0.19	6	<0.5	<0.2
2108930	Drill Core	0.035	8	56	0.68	10	0.148	<1	1.03	0.115	0.05	0.2	<0.01	4.7	<0.1	4.04	4	1.3	<0.2
2108931	Drill Core	0.018	5	50	0.46	10	0.091	<1	0.66	0.095	0.05	0.2	<0.01	3.7	<0.1	4.53	2	1.0	<0.2
2108932	Drill Core	0.035	7	43	0.75	19	0.113	<1	1.02	0.083	0.08	0.2	<0.01	5.3	<0.1	2.65	4	0.6	<0.2
2108933	Drill Core	0.091	10	113	1.56	55	0.211	<1	1.87	0.045	0.30	0.4	0.01	5.8	0.1	2.48	8	<0.5	0.2
2108934	Drill Core	0.073	10	82	1.22	65	0.202	1	1.63	0.054	0.37	0.3	<0.01	4.4	0.1	2.60	6	<0.5	<0.2
2108935	Drill Core	0.081	15	131	2.25	20	0.210	<1	2.72	0.056	0.36	0.3	<0.01	4.9	0.2	0.15	8	<0.5	<0.2

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: August 03, 2018

QUALITY CONTROL REPORT VAN18001764.1

	Method	WGHT	FA430	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
2108928	Drill Core	2.67	<0.005	1.7	77.3	2.3	33	<0.1	14.7	8.0	394	2.86	20.8	<0.5	10.5	6	<0.1	0.2	0.4	20	0.21
REP 2108928	QC			1.7	78.1	2.3	34	<0.1	14.6	8.2	377	2.80	20.2	<0.5	10.4	6	<0.1	0.2	0.4	19	0.20
2108932	Drill Core	2.06	<0.005	0.5	328.6	26.7	518	0.3	39.1	28.4	265	4.99	<0.5	<0.5	2.5	14	0.7	0.1	2.1	29	0.42
REP 2108932	QC		<0.005																		
Reference Materials																					
STD DS11	Standard			14.6	147.7	141.5	348	1.7	78.3	13.4	1078	3.14	44.8	76.4	8.0	75	2.5	8.7	12.5	51	1.10
STD OXC129	Standard			1.2	26.8	6.3	41	<0.1	78.1	19.8	428	3.04	0.7	205.2	2.0	199	<0.1	<0.1	<0.1	53	0.68
STD OXC145	Standard		0.215																		
STD OXH139	Standard		1.317																		
STD OXN134	Standard		7.569																		
STD OXN134 Expected			7.667																		
STD OXC145 Expected			0.212																		
STD OXH139 Expected			1.312																		
STD OXC129 Expected				1.3	28	6.2	42.9		79.5	20.3	421	3.065	0.6	195	1.9					51	0.684
STD DS11 Expected				14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	8.74	12.2	50	1.063
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
ROCK-VAN	Prep Blank		<0.005	1.1	11.9	1.7	99	<0.1	1.4	3.8	539	1.90	1.7	<0.5	2.0	30	0.1	<0.1	<0.1	22	0.76
ROCK-VAN	Prep Blank		<0.005	1.4	10.9	1.9	89	<0.1	1.5	3.8	544	1.92	1.4	<0.5	2.3	30	0.1	<0.1	<0.1	22	0.77

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: August 03, 2018

QUALITY CONTROL REPORT VAN18001764.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																			
2108928	Drill Core	0.040	19	15	0.97	82	0.103	<1	1.63	0.049	0.57	0.2	<0.01	4.3	0.2	0.49	5	<0.5	<0.2
REP 2108928	QC	0.039	18	14	0.95	78	0.090	<1	1.53	0.042	0.53	0.2	<0.01	4.3	0.1	0.49	5	<0.5	<0.2
2108932	Drill Core	0.035	7	43	0.75	19	0.113	<1	1.02	0.083	0.08	0.2	<0.01	5.3	<0.1	2.65	4	0.6	<0.2
REP 2108932	QC																		
Reference Materials																			
STD DS11	Standard	0.073	20	60	0.86	398	0.099	8	1.24	0.076	0.41	3.2	0.28	3.7	5.0	0.28	5	2.4	5.0
STD OXC129	Standard	0.099	13	52	1.54	50	0.390	1	1.63	0.590	0.36	<0.1	<0.01	1.7	<0.1	<0.05	6	<0.5	<0.2
STD OXC145	Standard																		
STD OXH139	Standard																		
STD OXN134	Standard																		
STD OXN134 Expected																			
STD OXC145 Expected																			
STD OXH139 Expected																			
STD OXC129 Expected		0.102	12.5	52	1.545	50	0.4	1	1.58	0.59	0.3655			1.1			5.5		
STD DS11 Expected		0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																			
ROCK-VAN	Prep Blank	0.041	6	4	0.49	64	0.085	3	1.04	0.103	0.10	0.1	<0.01	3.6	<0.1	0.07	4	<0.5	<0.2
ROCK-VAN	Prep Blank	0.040	6	4	0.50	69	0.086	1	1.05	0.114	0.11	<0.1	<0.01	4.2	<0.1	0.07	4	<0.5	<0.2

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: July 14, 2018

QUALITY CONTROL REPORT VAN18001488.1

	Method	WGHT	FA430	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Reference Materials																					
STD DS11	Standard			15.5	146.4	139.1	329	1.7	75.9	13.8	1021	3.14	43.1	75.7	8.3	78	2.3	9.5	12.6	49	1.08
STD OXC129	Standard			1.1	27.0	6.4	40	<0.1	78.6	19.4	418	3.07	0.5	219.8	1.9	199	<0.1	<0.1	<0.1	51	0.73
STD OXC145	Standard		0.213																		
STD OXH139	Standard		1.349																		
STD OXN134	Standard		7.716																		
STD OXN134 Expected			7.667																		
STD OXC145 Expected			0.212																		
STD OXH139 Expected			1.312																		
STD OXC129 Expected				1.3	28	6.2	42.9		79.5	20.3	421	3.065	0.6	195	1.9					51	0.684
STD DS11 Expected				14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	8.74	12.2	50	1.063
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
ROCK-VAN	Prep Blank		<0.005	1.5	5.2	2.0	38	<0.1	1.1	3.6	561	1.78	1.6	0.9	2.1	29	<0.1	<0.1	<0.1	22	0.89

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: July 14, 2018

QUALITY CONTROL REPORT VAN18001488.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Reference Materials																			
STD DS11	Standard	0.068	20	58	0.84	374	0.104	7	1.18	0.074	0.41	3.0	0.24	3.2	4.8	0.28	5	2.9	4.9
STD OXC129	Standard	0.098	14	54	1.51	50	0.431	<1	1.61	0.599	0.37	<0.1	0.02	0.7	<0.1	<0.05	6	<0.5	<0.2
STD OXC145	Standard																		
STD OXH139	Standard																		
STD OXN134	Standard																		
STD OXN134 Expected																			
STD OXC145 Expected																			
STD OXH139 Expected																			
STD OXC129 Expected		0.102	12.5	52	1.545	50	0.4	1	1.58	0.59	0.3655			1.1			5.5		
STD DS11 Expected		0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																			
ROCK-VAN	Prep Blank	0.039	7	7	0.52	56	0.095	2	1.06	0.081	0.10	<0.1	<0.01	3.4	<0.1	<0.05	4	<0.5	<0.2

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Submitted By: Confirmation & Data Distribution List
Receiving Lab: Canada-Vancouver
Received: July 17, 2018
Report Date: August 03, 2018

CERTIFICATE OF ANALYSIS VAN18001764.1

CLIENT JOB INFORMATION

Project: VINE
Shipment ID:
P.O. Number
Number of Samples: 15

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
BAT01	1	Batch charge of <20 samples			VAN
PRP70-250	15	Crush, split and pulverize 250 g rock to 200 mesh			VAN
FA430	15	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	15	Environmental disposal charge-Fire assay lead waste			VAN
AQ201	15	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
Ship	1	Shipping charges for collect packages			VAN

ADDITIONAL COMMENTS

Invoice To: PJX Resources Inc.
5600 - 100 King Street West
Toronto Ontario M5X 1C9
Canada

CC: Dave L.Pighin
Michael Seabrook

JEFFREY CANNON
Geochemistry Department Supervisor

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: August 03, 2018

CERTIFICATE OF ANALYSIS VAN18001764.1

	Method	WGHT	FA430	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
2108921	Drill Core	0.81	<0.005	0.7	106.4	1.7	84	<0.1	9.8	40.0	1402	9.08	3.0	0.8	3.2	16	<0.1	0.2	<0.1	261	2.16
2108922	Drill Core	2.81	<0.005	0.2	71.1	5.4	91	<0.1	42.1	24.3	841	4.36	2.7	<0.5	2.6	69	<0.1	0.3	0.2	67	2.03
2108923	Drill Core	2.28	0.006	0.5	285.5	256.7	1385	1.4	63.7	35.6	424	6.49	2.7	6.8	4.3	21	2.1	0.2	8.1	46	1.07
2108924	Drill Core	2.36	0.005	0.5	272.8	100.4	692	0.7	65.2	31.2	473	6.24	1.2	4.3	3.9	26	1.1	0.2	5.1	53	1.05
2108925	Drill Core	2.45	0.006	0.5	147.7	86.5	358	0.4	47.9	28.3	756	6.62	2.3	2.5	3.0	28	0.5	0.2	2.3	66	0.92
2108926	Drill Core	2.01	<0.005	0.6	60.9	78.0	244	0.3	37.3	23.2	577	4.93	5.3	<0.5	5.3	19	0.3	0.2	1.5	51	0.54
2108927	Drill Core	2.36	0.005	1.9	263.3	12.2	54	<0.1	19.1	12.3	418	3.61	12.7	1.8	10.3	7	<0.1	0.2	0.7	38	0.31
2108928	Drill Core	2.67	<0.005	1.7	77.3	2.3	33	<0.1	14.7	8.0	394	2.86	20.8	<0.5	10.5	6	<0.1	0.2	0.4	20	0.21
2108929	Drill Core	2.58	<0.005	0.2	36.3	2.8	81	<0.1	46.5	19.2	627	3.59	5.9	<0.5	1.9	73	<0.1	0.4	<0.1	60	1.08
2108930	Drill Core	2.49	<0.005	0.5	465.9	370.2	2013	1.5	51.5	41.2	323	6.75	2.5	2.7	3.6	22	3.3	0.2	6.0	30	0.66
2108931	Drill Core	3.13	0.020	0.4	611.3	425.0	2167	2.5	50.0	42.2	182	7.20	<0.5	2.5	2.2	14	2.9	0.1	8.9	24	0.57
2108932	Drill Core	2.06	<0.005	0.5	328.6	26.7	518	0.3	39.1	28.4	265	4.99	<0.5	<0.5	2.5	14	0.7	0.1	2.1	29	0.42
2108933	Drill Core	2.46	0.005	0.8	370.7	54.0	1409	0.9	93.3	30.7	457	6.08	<0.5	1.3	3.8	15	2.6	0.1	4.1	55	0.48
2108934	Drill Core	2.45	<0.005	0.6	290.2	10.3	215	0.2	88.6	35.4	416	5.92	1.2	<0.5	4.0	15	0.5	0.1	2.1	41	0.45
2108935	Drill Core	2.08	<0.005	0.1	20.6	2.9	152	<0.1	80.7	10.2	826	4.71	0.8	<0.5	5.8	50	<0.1	0.2	0.1	50	0.96

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Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: August 03, 2018

CERTIFICATE OF ANALYSIS VAN18001764.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2108921	Drill Core	0.049	6	2	2.54	31	0.161	<1	3.91	0.035	0.40	0.3	<0.01	10.9	0.2	0.66	13	<0.5	<0.2
2108922	Drill Core	0.101	6	84	1.68	10	0.195	<1	2.47	0.051	0.12	0.3	<0.01	5.9	<0.1	0.36	8	<0.5	<0.2
2108923	Drill Core	0.054	11	56	1.16	51	0.153	<1	1.53	0.061	0.45	0.3	<0.01	5.8	0.2	2.98	6	0.9	<0.2
2108924	Drill Core	0.061	9	71	1.25	48	0.183	1	1.67	0.068	0.44	0.4	<0.01	6.2	0.2	2.54	7	0.7	<0.2
2108925	Drill Core	0.150	8	53	1.93	28	0.220	<1	2.48	0.059	0.47	0.6	<0.01	7.8	0.3	1.78	11	<0.5	<0.2
2108926	Drill Core	0.093	11	41	1.70	31	0.157	<1	2.01	0.068	0.50	0.4	<0.01	5.4	0.3	1.37	9	<0.5	<0.2
2108927	Drill Core	0.049	21	28	1.29	50	0.133	<1	1.60	0.080	0.53	0.2	<0.01	7.0	0.2	1.39	7	<0.5	<0.2
2108928	Drill Core	0.040	19	15	0.97	82	0.103	<1	1.63	0.049	0.57	0.2	<0.01	4.3	0.2	0.49	5	<0.5	<0.2
2108929	Drill Core	0.051	5	113	1.55	5	0.205	<1	1.97	0.038	0.03	0.2	<0.01	5.5	<0.1	0.19	6	<0.5	<0.2
2108930	Drill Core	0.035	8	56	0.68	10	0.148	<1	1.03	0.115	0.05	0.2	<0.01	4.7	<0.1	4.04	4	1.3	<0.2
2108931	Drill Core	0.018	5	50	0.46	10	0.091	<1	0.66	0.095	0.05	0.2	<0.01	3.7	<0.1	4.53	2	1.0	<0.2
2108932	Drill Core	0.035	7	43	0.75	19	0.113	<1	1.02	0.083	0.08	0.2	<0.01	5.3	<0.1	2.65	4	0.6	<0.2
2108933	Drill Core	0.091	10	113	1.56	55	0.211	<1	1.87	0.045	0.30	0.4	0.01	5.8	0.1	2.48	8	<0.5	0.2
2108934	Drill Core	0.073	10	82	1.22	65	0.202	1	1.63	0.054	0.37	0.3	<0.01	4.4	0.1	2.60	6	<0.5	<0.2
2108935	Drill Core	0.081	15	131	2.25	20	0.210	<1	2.72	0.056	0.36	0.3	<0.01	4.9	0.2	0.15	8	<0.5	<0.2

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BUREAU VERITAS
MINERAL LABORATORIES
Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: August 03, 2018

QUALITY CONTROL REPORT VAN18001764.1

	Method	WGHT	FA430	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
2108928	Drill Core	2.67	<0.005	1.7	77.3	2.3	33	<0.1	14.7	8.0	394	2.86	20.8	<0.5	10.5	6	<0.1	0.2	0.4	20	0.21
REP 2108928	QC			1.7	78.1	2.3	34	<0.1	14.6	8.2	377	2.80	20.2	<0.5	10.4	6	<0.1	0.2	0.4	19	0.20
2108932	Drill Core	2.06	<0.005	0.5	328.6	26.7	518	0.3	39.1	28.4	265	4.99	<0.5	<0.5	2.5	14	0.7	0.1	2.1	29	0.42
REP 2108932	QC		<0.005																		
Reference Materials																					
STD DS11	Standard			14.6	147.7	141.5	348	1.7	78.3	13.4	1078	3.14	44.8	76.4	8.0	75	2.5	8.7	12.5	51	1.10
STD OXC129	Standard			1.2	26.8	6.3	41	<0.1	78.1	19.8	428	3.04	0.7	205.2	2.0	199	<0.1	<0.1	<0.1	53	0.68
STD OXC145	Standard		0.215																		
STD OXH139	Standard		1.317																		
STD OXN134	Standard		7.569																		
STD OXN134 Expected			7.667																		
STD OXC145 Expected			0.212																		
STD OXH139 Expected			1.312																		
STD OXC129 Expected				1.3	28	6.2	42.9		79.5	20.3	421	3.065	0.6	195	1.9					51	0.684
STD DS11 Expected				14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	8.74	12.2	50	1.063
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
ROCK-VAN	Prep Blank		<0.005	1.1	11.9	1.7	99	<0.1	1.4	3.8	539	1.90	1.7	<0.5	2.0	30	0.1	<0.1	<0.1	22	0.76
ROCK-VAN	Prep Blank		<0.005	1.4	10.9	1.9	89	<0.1	1.5	3.8	544	1.92	1.4	<0.5	2.3	30	0.1	<0.1	<0.1	22	0.77

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: August 03, 2018

QUALITY CONTROL REPORT VAN18001764.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																			
2108928	Drill Core	0.040	19	15	0.97	82	0.103	<1	1.63	0.049	0.57	0.2	<0.01	4.3	0.2	0.49	5	<0.5	<0.2
REP 2108928	QC	0.039	18	14	0.95	78	0.090	<1	1.53	0.042	0.53	0.2	<0.01	4.3	0.1	0.49	5	<0.5	<0.2
2108932	Drill Core	0.035	7	43	0.75	19	0.113	<1	1.02	0.083	0.08	0.2	<0.01	5.3	<0.1	2.65	4	0.6	<0.2
REP 2108932	QC																		
Reference Materials																			
STD DS11	Standard	0.073	20	60	0.86	398	0.099	8	1.24	0.076	0.41	3.2	0.28	3.7	5.0	0.28	5	2.4	5.0
STD OXC129	Standard	0.099	13	52	1.54	50	0.390	1	1.63	0.590	0.36	<0.1	<0.01	1.7	<0.1	<0.05	6	<0.5	<0.2
STD OXC145	Standard																		
STD OXH139	Standard																		
STD OXN134	Standard																		
STD OXN134 Expected																			
STD OXC145 Expected																			
STD OXH139 Expected																			
STD OXC129 Expected		0.102	12.5	52	1.545	50	0.4	1	1.58	0.59	0.3655			1.1			5.5		
STD DS11 Expected		0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																			
ROCK-VAN	Prep Blank	0.041	6	4	0.49	64	0.085	3	1.04	0.103	0.10	0.1	<0.01	3.6	<0.1	0.07	4	<0.5	<0.2
ROCK-VAN	Prep Blank	0.040	6	4	0.50	69	0.086	1	1.05	0.114	0.11	<0.1	<0.01	4.2	<0.1	0.07	4	<0.5	<0.2

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Submitted By: Confirmation & Data Distribution List
Receiving Lab: Canada-Vancouver
Received: August 01, 2018
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001961.1

CLIENT JOB INFORMATION

Project: VINE
Shipment ID:
P.O. Number
Number of Samples: 21

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	21	Crush, split and pulverize 250 g rock to 200 mesh			VAN
FA430	21	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	21	Environmental disposal charge-Fire assay lead waste			VAN
AQ201	21	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
Ship	1	Shipping charges for collect packages			VAN

ADDITIONAL COMMENTS

Invoice To: PJX Resources Inc.
5600 - 100 King Street West
Toronto Ontario M5X 1C9
Canada

CC: Dave L.Pighin
Michael Seabrook

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
MARCUS LAU
Production Manager

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001961.1

	Method	WGHT	FA430	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
2108936	Drill Core	1.90	<0.005	4.7	27.3	8.1	73	<0.1	21.5	11.8	421	2.90	5.8	1.1	12.5	8	<0.1	0.5	0.4	19	0.53
2108937	Drill Core	2.20	<0.005	2.8	37.7	17.6	90	<0.1	18.4	10.5	662	3.27	2.9	1.8	10.3	37	0.1	0.4	0.6	31	1.82
2108938	Drill Core	2.59	<0.005	2.5	32.0	22.2	54	<0.1	21.9	10.7	595	3.14	1.7	1.3	10.0	34	<0.1	0.7	0.5	36	0.81
2108939	Drill Core	2.31	<0.005	2.4	31.4	25.9	58	0.1	23.8	12.7	494	3.21	<0.5	1.2	10.6	25	<0.1	0.7	0.5	33	0.48
2108940	Drill Core	1.79	<0.005	3.1	28.0	27.2	104	<0.1	22.5	12.0	697	3.26	<0.5	1.8	9.7	35	0.2	0.8	0.4	41	1.10
2108941	Drill Core	1.98	<0.005	3.0	24.0	23.1	101	<0.1	21.2	10.4	463	2.96	<0.5	0.7	9.6	9	0.3	0.8	0.3	34	0.33
2108942	Drill Core	1.99	<0.005	2.7	25.3	33.2	116	0.1	23.6	11.1	466	3.09	<0.5	1.5	11.0	12	0.3	0.8	0.3	33	0.36
2108943	Drill Core	2.74	<0.005	2.8	24.3	39.2	273	0.1	20.2	9.6	527	3.06	0.6	1.3	10.2	20	0.9	0.9	0.2	33	0.62
2108944	Drill Core	2.01	0.014	2.9	44.1	381.9	1868	0.8	21.4	13.0	472	4.40	110.8	5.0	10.9	21	6.2	1.7	1.2	27	0.39
2108945	Drill Core	2.48	0.007	1.4	28.8	175.2	615	0.3	17.3	6.5	602	3.54	0.7	2.9	9.0	11	2.4	1.6	0.6	28	0.42
2108946	Drill Core	2.38	0.007	2.3	46.1	138.5	598	0.3	19.6	11.2	537	4.65	71.7	3.1	9.7	22	2.2	1.6	0.7	27	0.35
2108947	Drill Core	2.32	<0.005	2.1	24.7	13.6	217	<0.1	19.9	9.9	550	3.23	<0.5	1.6	11.1	9	0.9	0.8	0.3	29	0.33
2108948	Drill Core	2.35	<0.005	1.8	30.5	9.5	149	<0.1	20.7	12.6	354	3.33	<0.5	1.6	12.4	6	0.6	0.9	0.5	16	0.27
2108949	Drill Core	2.40	<0.005	1.7	25.5	10.8	70	<0.1	18.3	10.3	396	3.16	0.7	1.1	11.8	5	<0.1	0.5	0.4	20	0.22
2108950	Drill Core	1.50	<0.005	1.4	24.9	8.2	60	<0.1	19.8	10.1	324	3.11	<0.5	1.2	11.4	5	<0.1	0.3	0.4	18	0.22
3040001	Drill Core	2.98	0.007	2.6	46.5	960.5	9614	0.4	18.5	23.7	471	3.19	110.1	6.0	11.2	7	25.8	0.5	0.3	34	0.32
3040002	Drill Core	0.56	<0.005	1.0	48.6	180.6	1350	0.3	21.0	18.4	297	3.01	28.9	2.4	12.2	7	4.1	0.2	0.6	36	0.43
3040003	Drill Core	2.62	0.007	0.1	136.0	5010.4	5396	0.8	37.2	26.7	416	2.26	14.6	5.3	0.7	24	16.8	1.0	0.1	60	2.90
3040004	Drill Core	2.55	<0.005	0.1	97.4	2062.5	2089	0.4	39.7	23.4	440	2.23	19.8	2.4	0.9	17	5.9	0.4	<0.1	63	2.13
3040005	Drill Core	1.83	<0.005	<0.1	106.5	62.6	372	<0.1	38.0	19.9	355	2.04	20.1	0.7	0.8	14	0.9	0.1	<0.1	68	2.11
3040006	Drill Core	1.78	<0.005	0.1	107.9	1062.8	3307	0.3	50.5	27.4	637	3.28	15.8	2.1	0.8	20	8.9	0.7	<0.1	112	4.70

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PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: August 24, 2018

CERTIFICATE OF ANALYSIS VAN18001961.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2108936	Drill Core	0.046	33	19	0.80	115	0.114	2	1.77	0.100	0.63	0.3	<0.01	2.7	0.4	0.45	5	<0.5	<0.2
2108937	Drill Core	0.044	24	27	1.01	110	0.133	2	1.90	0.174	0.92	0.3	<0.01	4.0	0.7	0.85	6	<0.5	<0.2
2108938	Drill Core	0.048	22	33	1.22	93	0.161	1	2.42	0.236	1.26	0.4	<0.01	4.7	1.1	0.95	7	0.6	<0.2
2108939	Drill Core	0.044	21	30	1.11	88	0.152	1	1.81	0.147	1.16	0.2	<0.01	4.2	1.1	1.18	6	<0.5	<0.2
2108940	Drill Core	0.049	18	33	1.32	101	0.161	1	2.42	0.223	1.42	0.3	<0.01	6.0	1.2	1.01	7	<0.5	<0.2
2108941	Drill Core	0.043	19	26	1.07	90	0.143	2	1.63	0.102	1.13	0.2	<0.01	4.8	1.0	1.03	5	<0.5	<0.2
2108942	Drill Core	0.047	21	26	1.07	100	0.151	1	1.73	0.126	1.16	0.2	<0.01	4.9	1.1	1.09	6	0.7	<0.2
2108943	Drill Core	0.044	19	27	1.12	107	0.144	2	1.91	0.130	1.22	0.3	<0.01	5.3	1.1	1.10	7	<0.5	<0.2
2108944	Drill Core	0.049	19	22	0.90	95	0.130	2	1.60	0.086	1.01	0.3	<0.01	4.5	0.9	2.21	5	0.6	<0.2
2108945	Drill Core	0.046	18	25	1.05	81	0.137	1	1.58	0.113	1.09	0.2	<0.01	4.3	1.1	1.49	5	0.7	<0.2
2108946	Drill Core	0.041	20	24	0.96	84	0.133	<1	1.62	0.110	1.07	0.1	<0.01	4.1	1.0	2.25	5	0.6	<0.2
2108947	Drill Core	0.039	22	27	1.01	107	0.152	1	1.69	0.095	1.20	0.1	<0.01	4.6	1.3	1.05	6	<0.5	<0.2
2108948	Drill Core	0.039	27	15	0.76	146	0.110	1	1.54	0.066	1.05	0.1	<0.01	2.0	1.0	1.31	4	<0.5	<0.2
2108949	Drill Core	0.039	24	19	0.83	140	0.130	1	1.48	0.072	1.08	<0.1	<0.01	2.3	1.0	1.08	4	<0.5	<0.2
2108950	Drill Core	0.038	26	16	0.75	147	0.128	1	1.49	0.071	1.03	<0.1	<0.01	2.1	1.0	1.02	4	<0.5	<0.2
3040001	Drill Core	0.046	24	31	1.10	33	0.143	<1	1.73	0.165	0.20	0.3	0.02	3.9	<0.1	0.74	7	1.7	<0.2
3040002	Drill Core	0.041	16	32	0.75	31	0.119	1	1.40	0.235	0.21	0.2	0.02	4.2	<0.1	0.81	5	0.9	<0.2
3040003	Drill Core	0.026	1	31	1.02	26	0.099	1	1.81	0.219	0.20	0.1	0.12	3.3	<0.1	0.41	3	9.0	<0.2
3040004	Drill Core	0.026	2	41	1.10	25	0.114	1	1.62	0.226	0.17	0.2	0.06	3.7	<0.1	0.15	3	2.5	<0.2
3040005	Drill Core	0.028	2	47	0.99	19	0.093	1	1.46	0.202	0.13	<0.1	0.01	3.8	<0.1	<0.05	4	<0.5	<0.2
3040006	Drill Core	0.024	2	62	1.77	16	0.115	2	2.15	0.185	0.14	0.1	0.11	9.6	<0.1	0.21	6	2.6	<0.2

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Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: August 24, 2018

QUALITY CONTROL REPORT VAN18001961.1

	Method	WGHT	FA430	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
2108938	Drill Core	2.59	<0.005	2.5	32.0	22.2	54	<0.1	21.9	10.7	595	3.14	1.7	1.3	10.0	34	<0.1	0.7	0.5	36	0.81
REP 2108938	QC			2.8	30.7	22.9	57	<0.1	22.8	10.7	587	3.16	2.1	0.6	10.3	36	<0.1	0.7	0.5	36	0.80
Core Reject Duplicates																					
2108948	Drill Core	2.35	<0.005	1.8	30.5	9.5	149	<0.1	20.7	12.6	354	3.33	<0.5	1.6	12.4	6	0.6	0.9	0.5	16	0.27
DUP 2108948	QC		<0.005	1.8	30.4	9.3	148	<0.1	21.0	12.0	357	3.33	<0.5	<0.5	12.2	6	0.8	0.8	0.5	16	0.27
Reference Materials																					
STD DS11	Standard			13.8	155.3	133.6	320	1.7	84.9	15.3	1071	3.14	42.6	62.7	7.3	64	2.4	7.2	10.9	51	1.08
STD OXC129	Standard			1.4	29.7	6.6	42	<0.1	87.4	22.7	413	3.14	0.6	201.5	2.0	212	<0.1	<0.1	<0.1	54	0.74
STD OXC145	Standard		0.213																		
STD OXH139	Standard		1.305																		
STD OXN134	Standard		7.780																		
STD OXN134 Expected			7.667																		
STD OXC145 Expected			0.212																		
STD OXH139 Expected			1.312																		
STD OXC129 Expected				1.3	28	6.2	42.9		79.5	20.3	421	3.065	0.6	195	1.9					51	0.684
STD DS11 Expected				14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	8.74	12.2	50	1.063
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.1	<0.1	0.2	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
ROCK-VAN	Prep Blank		<0.005	1.0	3.8	1.0	32	<0.1	0.7	3.8	517	1.80	1.2	0.6	2.0	27	<0.1	<0.1	<0.1	23	0.78
ROCK-VAN	Prep Blank		<0.005	1.1	3.7	1.1	30	<0.1	0.9	3.8	537	1.82	1.2	0.5	2.2	30	<0.1	<0.1	<0.1	23	0.74

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: August 24, 2018

QUALITY CONTROL REPORT VAN18001961.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																			
2108938	Drill Core	0.048	22	33	1.22	93	0.161	1	2.42	0.236	1.26	0.4	<0.01	4.7	1.1	0.95	7	0.6	<0.2
REP 2108938	QC	0.054	23	30	1.22	99	0.163	2	2.39	0.236	1.26	0.4	<0.01	4.9	1.1	0.98	7	<0.5	<0.2
Core Reject Duplicates																			
2108948	Drill Core	0.039	27	15	0.76	146	0.110	1	1.54	0.066	1.05	0.1	<0.01	2.0	1.0	1.31	4	<0.5	<0.2
DUP 2108948	QC	0.043	26	15	0.76	139	0.113	2	1.52	0.064	1.04	0.1	<0.01	1.8	1.0	1.30	4	<0.5	<0.2
Reference Materials																			
STD DS11	Standard	0.073	18	59	0.85	370	0.087	9	1.24	0.088	0.42	3.0	0.28	3.2	5.0	0.28	5	2.3	4.7
STD OXC129	Standard	0.103	12	55	1.54	56	0.431	2	1.79	0.549	0.36	<0.1	<0.01	1.2	<0.1	<0.05	5	<0.5	<0.2
STD OXC145	Standard																		
STD OXH139	Standard																		
STD OXN134	Standard																		
STD OXN134 Expected																			
STD OXC145 Expected																			
STD OXH139 Expected																			
STD OXC129 Expected		0.102	12.5	52	1.545	50	0.4	1	1.58	0.59	0.3655			1.1			5.5		
STD DS11 Expected		0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																			
ROCK-VAN	Prep Blank	0.039	6	2	0.49	65	0.077	3	1.42	0.225	0.18	<0.1	<0.01	3.2	<0.1	<0.05	4	<0.5	<0.2
ROCK-VAN	Prep Blank	0.036	6	3	0.48	66	0.080	3	1.48	0.283	0.21	<0.1	<0.01	3.1	<0.1	<0.05	4	<0.5	<0.2

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Submitted By: Confirmation & Data Distribution List
Receiving Lab: Canada-Vancouver
Received: August 24, 2018
Report Date: September 28, 2018

CERTIFICATE OF ANALYSIS VAN18002242.1

CLIENT JOB INFORMATION

Project: VINE
Shipment ID:
P.O. Number
Number of Samples: 11

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
BAT01	1	Batch charge of <20 samples			VAN
PRP70-250	11	Crush, split and pulverize 250 g rock to 200 mesh			VAN
FA430	11	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	11	Environmental disposal charge-Fire assay lead waste			VAN
AQ201	11	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
Ship	1	Shipping charges for collect packages			VAN

ADDITIONAL COMMENTS

Invoice To: PJX Resources Inc.
5600 - 100 King Street West
Toronto Ontario M5X 1C9
Canada

CC: Dave L.Pighin
Michael Seabrook

JEFFREY CANNON
Geochemistry Department Supervisor

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: September 28, 2018

CERTIFICATE OF ANALYSIS VAN18002242.1

	Method	WGHT	FA430	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
3040007	Drill Core	0.99	0.009	0.8	70.1	3093.8	5675	7.4	54.6	29.2	339	4.91	6.1	5.3	7.6	17	29.9	0.3	33.7	14	0.28
3040008	Drill Core	0.98	<0.005	2.3	25.9	17.9	74	<0.1	25.2	11.3	399	3.09	16.0	1.7	10.7	11	<0.1	0.2	0.4	12	0.22
3040009	Drill Core	0.81	0.006	1.1	35.5	77.0	248	0.2	18.8	12.7	310	3.06	2.1	2.3	7.8	13	1.0	0.1	1.3	17	0.23
3040010	Drill Core	2.73	0.035	3.3	69.6	31.6	51	0.7	412.6	131.2	247	10.18	277.9	28.7	8.6	6	<0.1	1.3	10.9	16	0.14
3040011	Drill Core	2.43	0.015	4.4	264.9	4.6	79	0.3	191.5	82.6	465	7.08	103.9	11.7	4.9	33	<0.1	0.9	4.6	52	1.60
3040012	Drill Core	0.59	0.005	2.2	105.3	3.8	84	0.2	54.7	21.5	676	6.82	13.3	2.6	11.0	31	<0.1	0.4	0.5	15	1.21
3040013	Drill Core	0.71	0.007	4.7	14.7	109.5	28	0.9	23.9	22.9	537	2.60	19.4	6.1	3.6	51	0.1	0.5	2.4	8	2.62
3040014	Drill Core	0.41	0.005	0.7	3.3	10.8	23	0.1	39.2	22.9	370	3.20	66.4	3.3	7.0	32	<0.1	0.5	1.1	8	1.22
3040015	Drill Core	0.81	<0.005	1.2	2.2	1.7	9	0.1	14.6	8.9	150	1.84	8.5	1.4	8.9	24	<0.1	0.1	0.2	4	1.39
3040016	Drill Core	0.61	<0.005	1.4	19.9	11.1	26	0.1	19.7	12.7	507	1.37	8.1	<0.5	1.0	205	0.1	1.0	0.3	9	20.62
3040017	Drill Core	0.71	<0.005	0.6	1.6	1.8	3	<0.1	7.1	4.9	81	0.88	4.1	1.5	3.1	39	<0.1	0.1	0.1	<2	1.00

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: September 28, 2018

CERTIFICATE OF ANALYSIS VAN18002242.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
3040007	Drill Core	0.058	23	30	0.55	29	0.093	<1	0.90	0.068	0.13	0.1	<0.01	2.8	0.2	2.60	3	1.9	1.3
3040008	Drill Core	0.041	23	17	0.74	68	0.094	<1	1.26	0.040	0.33	0.2	<0.01	2.1	0.1	0.82	4	<0.5	<0.2
3040009	Drill Core	0.041	19	25	0.54	13	0.102	<1	0.86	0.100	0.06	0.1	<0.01	3.1	<0.1	1.21	3	<0.5	<0.2
3040010	Drill Core	0.025	4	8	1.53	4	<0.001	<1	0.47	0.083	0.02	<0.1	<0.01	8.5	<0.1	6.31	3	1.7	0.7
3040011	Drill Core	0.044	2	122	2.11	3	0.002	<1	1.43	0.069	0.01	<0.1	<0.01	12.8	<0.1	1.83	8	0.9	0.3
3040012	Drill Core	0.019	4	9	2.34	24	<0.001	2	0.29	0.066	0.08	<0.1	<0.01	9.9	<0.1	0.21	1	<0.5	<0.2
3040013	Drill Core	0.029	1	14	0.87	4	<0.001	<1	0.11	0.047	0.02	<0.1	<0.01	7.4	<0.1	0.82	<1	<0.5	<0.2
3040014	Drill Core	0.045	9	14	1.16	5	<0.001	1	0.20	0.083	0.03	<0.1	<0.01	8.0	<0.1	0.82	<1	<0.5	<0.2
3040015	Drill Core	0.032	4	4	0.84	15	<0.001	1	0.17	0.065	0.04	<0.1	<0.01	4.5	<0.1	0.75	<1	<0.5	<0.2
3040016	Drill Core	0.009	3	7	9.64	17	<0.001	2	0.15	0.016	0.03	<0.1	0.02	2.7	<0.1	0.44	<1	<0.5	<0.2
3040017	Drill Core	0.009	2	2	0.49	202	<0.001	<1	0.20	0.005	0.07	<0.1	0.10	1.4	<0.1	0.56	<1	<0.5	<0.2

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Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: September 28, 2018

QUALITY CONTROL REPORT VAN18002242.1

	Method	WGHT	FA430	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Core Reject Duplicates																					
3040016	Drill Core	0.61	<0.005	1.4	19.9	11.1	26	0.1	19.7	12.7	507	1.37	8.1	<0.5	1.0	205	0.1	1.0	0.3	9	20.62
DUP 3040016	QC		<0.005	1.5	20.2	11.9	25	0.1	21.0	12.9	513	1.36	8.5	3.2	1.1	205	<0.1	0.9	0.3	9	20.44
Reference Materials																					
STD DS11	Standard			14.7	153.2	141.9	350	1.7	81.2	14.0	1054	3.15	43.9	92.6	8.1	68	2.3	8.1	12.0	48	1.05
STD OXC129	Standard			1.2	28.1	5.9	40	<0.1	79.2	20.2	416	3.04	<0.5	187.2	1.8	182	<0.1	<0.1	<0.1	49	0.62
STD OXC145	Standard		0.204																		
STD OXH139	Standard		1.273																		
STD OXN134	Standard		7.566																		
STD OXN134 Expected			7.667																		
STD OXC145 Expected			0.212																		
STD OXH139 Expected			1.312																		
STD OXC129 Expected				1.3	28	6.2	42.9		79.5	20.3	421	3.065	0.6	195	1.9					51	0.684
STD DS11 Expected				14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	8.74	12.2	50	1.063
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
ROCK-VAN	Prep Blank		<0.005	1.6	7.9	1.1	37	<0.1	0.9	3.6	578	1.88	0.9	2.4	2.0	24	<0.1	<0.1	<0.1	22	0.64
ROCK-VAN	Prep Blank		<0.005	2.0	8.5	1.0	39	<0.1	1.1	3.7	573	1.86	1.1	2.1	2.2	24	<0.1	<0.1	<0.1	22	0.65

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Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: September 28, 2018

QUALITY CONTROL REPORT VAN18002242.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Core Reject Duplicates																			
3040016	Drill Core	0.009	3	7	9.64	17	<0.001	2	0.15	0.016	0.03	<0.1	0.02	2.7	<0.1	0.44	<1	<0.5	<0.2
DUP 3040016	QC	0.008	3	7	9.70	17	<0.001	3	0.15	0.015	0.03	<0.1	0.04	2.8	<0.1	0.46	<1	<0.5	<0.2
Reference Materials																			
STD DS11	Standard	0.073	18	61	0.83	358	0.095	6	1.14	0.070	0.40	3.5	0.25	3.2	5.0	0.27	5	1.6	4.5
STD OXC129	Standard	0.098	12	52	1.54	47	0.405	<1	1.56	0.581	0.35	<0.1	<0.01	0.8	<0.1	<0.05	5	<0.5	<0.2
STD OXC145	Standard																		
STD OXH139	Standard																		
STD OXN134	Standard																		
STD OXN134 Expected																			
STD OXC145 Expected																			
STD OXH139 Expected																			
STD OXC129 Expected		0.102	12.5	52	1.545	50	0.4	1	1.58	0.59	0.3655			1.1			5.5		
STD DS11 Expected		0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																			
ROCK-VAN	Prep Blank	0.040	5	3	0.51	59	0.077	2	1.00	0.087	0.09	0.1	<0.01	3.0	<0.1	<0.05	4	<0.5	<0.2
ROCK-VAN	Prep Blank	0.037	6	3	0.52	56	0.079	2	1.00	0.086	0.09	0.1	<0.01	2.9	<0.1	0.05	4	<0.5	<0.2

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BUREAU VERITAS
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Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Submitted By: Confirmation & Data Distribution List
Receiving Lab: Canada-Vancouver
Received: March 14, 2019
Report Date: March 25, 2019

CERTIFICATE OF ANALYSIS VAN19000602.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 3

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	3	Crush, split and pulverize 250 g rock to 200 mesh			VAN
FA430	3	Lead Collection Fire Assay Fusion - AAS Finish	30	Completed	VAN
EN002	3	Environmental disposal charge-Fire assay lead waste			VAN
AQ251_EXT	3	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
AQ370	3	1:1:1 Aqua Regia Digestion ICP-ES Finish	1	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: PJX Resources Inc.
5600 - 100 King Street West
Toronto Ontario M5X 1C9
Canada

CC:

JEFFREY CANNON
Geochemistry Department Supervisor

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: None Given
Report Date: March 25, 2019

CERTIFICATE OF ANALYSIS VAN19000602.1

	Method	WGHT	FA430	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1
Vine 1	Drill Core	0.50	0.029	0.16	1558.39	>10000	>10000	16271	88.9	292.3	390	27.34	162.8	<0.1	20.8	0.1	3.4	119.23	4.40	31.70	3
Vine 2	Drill Core	0.55	0.050	0.25	881.92	>10000	>10000	23369	113.5	296.3	265	33.38	84.2	<0.1	42.9	0.1	3.0	167.55	6.95	42.66	3
Vine 3	Drill Core	0.53	0.033	0.42	1772.13	>10000	9215.4	13842	61.5	185.9	484	18.95	123.4	0.1	22.4	0.7	8.2	92.26	3.64	24.34	31

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Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: None Given
Report Date: March 25, 2019

CERTIFICATE OF ANALYSIS VAN19000602.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
Vine 1	Drill Core	0.39	<0.001	0.6	3.1	0.11	4.6	<0.001	<1	0.11	0.003	0.03	0.1	1.7	0.26	9.07	191	8.1	1.58	0.5	0.09
Vine 2	Drill Core	0.26	<0.001	0.7	2.0	0.09	2.7	<0.001	<1	0.10	0.002	0.02	<0.1	1.0	0.38	7.64	265	9.0	2.10	2.8	0.07
Vine 3	Drill Core	0.74	0.005	1.5	19.3	0.80	14.0	0.002	<1	1.15	0.004	0.10	<0.1	4.5	0.26	7.36	166	5.8	1.19	3.3	0.23

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Bureau Veritas Commodities Canada Ltd.

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PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: None Given
Report Date: March 25, 2019

CERTIFICATE OF ANALYSIS VAN19000602.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ370	AQ370
	Analyte	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Pb	Zn
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%
	MDL	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01
Vine 1	Drill Core	0.1	<0.02	0.03	1.9	0.2	<0.05	0.3	2.13	1.3	2.11	<1	0.1	1.0	*	<2	2.58	1.41
Vine 2	Drill Core	0.3	<0.02	<0.02	1.1	0.2	<0.05	0.1	1.99	1.5	2.52	<1	<0.1	0.8	*	<2	3.73	1.97
Vine 3	Drill Core	0.2	<0.02	<0.02	4.0	0.2	<0.05	0.2	2.34	2.9	1.67	<1	0.1	9.3	*	<2	2.07	1.05

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Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: None Given
Report Date: March 25, 2019

QUALITY CONTROL REPORT VAN19000602.1

	Method	WGHT	FA430	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1
Pulp Duplicates																					
Vine 3	Drill Core	0.53	0.033	0.42	1772.13	>10000	9215.4	13842	61.5	185.9	484	18.95	123.4	0.1	22.4	0.7	8.2	92.26	3.64	24.34	31
REP Vine 3	QC			0.45	1786.31	>10000	9240.0	13744	60.5	180.2	470	19.08	121.1	0.1	23.1	0.6	8.4	94.46	3.73	23.71	31
Reference Materials																					
STD CDN-ME-9A	Standard																				
STD CDN-ME-14A	Standard																				
STD DS11	Standard			13.96	149.57	135.20	324.2	1578	76.7	13.4	959	3.05	40.8	2.5	83.0	7.8	60.7	2.15	8.30	11.35	48
STD OREAS263	Standard		0.217																		
STD OREAS253	Standard		1.242																		
STD OREAS256	Standard		7.925																		
STD OREAS262	Standard			0.64	111.25	55.41	149.8	453	59.2	26.4	506	3.25	33.2	1.2	67.0	9.0	32.6	0.62	5.74	0.95	21
STD OREAS263 Expected			0.21																		
STD OREAS253 Expected			1.22																		
STD OREAS256 Expected			7.66																		
STD DS11 Expected				14.6	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50
STD OREAS262 Expected				0.68	118	56	154	450	62	26.9	530	3.284	35.8	1.22	65	9.33	36	0.61	5.06	1.03	22.5
STD CDN-ME-9A Expected																					
STD CDN-ME-14A Expected																					
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.01	0.19	0.77	1.5	3	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1
BLK	Blank																				
Prep Wash																					
ROCK-VAN	Prep Blank		<0.005	0.67	2.53	1.04	23.5	11	0.8	3.2	425	1.67	1.3	0.5	1.5	2.8	20.6	<0.01	0.03	<0.02	20

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: None Given
Report Date: March 25, 2019

QUALITY CONTROL REPORT VAN19000602.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
Pulp Duplicates																					
Vine 3	Drill Core	0.74	0.005	1.5	19.3	0.80	14.0	0.002	<1	1.15	0.004	0.10	<0.1	4.5	0.26	7.36	166	5.8	1.19	3.3	0.23
REP Vine 3	QC	0.74	0.005	1.1	19.0	0.79	13.7	0.003	2	1.16	0.004	0.10	<0.1	4.2	0.26	7.23	187	6.0	1.18	3.4	0.24
Reference Materials																					
STD CDN-ME-9A	Standard																				
STD CDN-ME-14A	Standard																				
STD DS11	Standard	1.00	0.067	17.1	57.1	0.81	328.3	0.085	7	1.13	0.071	0.40	2.8	3.5	4.49	0.27	251	1.8	4.38	4.4	2.71
STD OREAS263	Standard																				
STD OREAS253	Standard																				
STD OREAS256	Standard																				
STD OREAS262	Standard	2.77	0.036	14.0	39.1	1.10	236.5	0.002	4	1.19	0.066	0.29	0.2	3.0	0.42	0.25	169	0.2	0.24	3.3	2.67
STD OREAS263 Expected																					
STD OREAS253 Expected																					
STD OREAS256 Expected																					
STD DS11 Expected		1.063	0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	3.4	4.9	0.2835	260	2.2	4.56	5.1	2.88
STD OREAS262 Expected		2.98	0.04	15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	3.24	0.47	0.253	170	0.4	0.23	3.73	2.8
STD CDN-ME-9A Expected																					
STD CDN-ME-14A Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank																				
Prep Wash																					
ROCK-VAN	Prep Blank	0.56	0.036	5.4	2.7	0.39	53.7	0.062	3	0.84	0.101	0.10	<0.1	2.9	<0.02	<0.02	<5	<0.1	<0.02	3.2	0.19

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: None Given
Report Date: March 25, 2019

QUALITY CONTROL REPORT VAN19000602.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ370	AQ370
	Analyte	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Pb	Zn
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%
	MDL	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01	0.01
Pulp Duplicates																		
Vine 3	Drill Core	0.2	<0.02	<0.02	4.0	0.2	<0.05	0.2	2.34	2.9	1.67	<1	0.1	9.3	*	<2	2.07	1.05
REP Vine 3	QC	0.3	<0.02	<0.02	4.0	0.1	<0.05	0.1	2.30	2.8	1.53	<1	<0.1	8.6	*	2		
Reference Materials																		
STD CDN-ME-9A	Standard																<0.01	<0.01
STD CDN-ME-14A	Standard																0.49	2.98
STD DS11	Standard	0.1	0.06	1.40	30.2	1.7	<0.05	2.9	7.37	35.0	0.24	52	0.3	21.7	101	160		
STD OREAS263	Standard																	
STD OREAS253	Standard																	
STD OREAS256	Standard																	
STD OREAS262	Standard	<0.1	0.24	<0.02	16.2	0.5	<0.05	9.8	9.54	27.0	0.02	<1	1.0	15.7	<10	<2		
STD OREAS263 Expected																		
STD OREAS253 Expected																		
STD OREAS256 Expected																		
STD DS11 Expected		0.08	0.06	1.53	33.6	1.8		3.1	7.82	37	0.24	50	0.67	23.3	100	172		
STD OREAS262 Expected			0.27		18.6	0.5		11.7	11.2	32	0.033		1.14	17.8				
STD CDN-ME-9A Expected																	0.003	0.0096
STD CDN-ME-14A Expected																	0.488	2.97
BLK	Blank																	
BLK	Blank																	
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank																<0.01	<0.01
Prep Wash																		
ROCK-VAN	Prep Blank	<0.1	0.08	0.16	2.3	0.3	<0.05	2.3	7.25	11.0	<0.02	<1	0.2	2.1	<10	<2		

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Submitted By: Confirmation & Data Distribution List
Receiving Lab: Canada-Vancouver
Received: August 01, 2019
Report Date: August 12, 2019

CERTIFICATE OF ANALYSIS VAN19002070.1

CLIENT JOB INFORMATION

Project: VINE
Shipment ID:
P.O. Number
Number of Samples: 4

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	4	Crush, split and pulverize 250 g rock to 200 mesh			VAN
FA330	4	Fire assay fusion Au Pt Pd by ICP-ES	30	Completed	VAN
EN002	4	Environmental disposal charge-Fire assay lead waste			VAN
AQ201	4	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
Ship	1	Shipping charges for collect packages			VAN

ADDITIONAL COMMENTS

Invoice To: PJX Resources Inc.
5600 - 100 King Street West
Toronto Ontario M5X 1C9
Canada

CC: Dave L.Pighin
Michael Seabrook

JEFFREY CANNON
Geochemistry Department Supervisor

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: August 12, 2019

CERTIFICATE OF ANALYSIS VAN19002070.1

	Method	WGHT	FA330	FA330	FA330	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	3	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
2107275	Drill Core	2.24	5	<3	<2	0.9	20.0	3.7	44	<0.1	8.8	40.2	539	6.23	3.1	3.9	5.6	38	<0.1	10.1	0.3
2107276	Drill Core	0.43	29	<3	<2	0.4	7307.4	412.9	282	11.7	28.8	619.0	819	38.66	575.8	37.0	1.4	7	3.0	776.2	3.7
2107277	Drill Core	2.43	17	<3	<2	1.9	94.6	2.9	40	<0.1	0.3	43.0	402	7.14	1.2	0.7	6.0	17	<0.1	0.9	0.2
2107278	Drill Core	2.37	4	<3	6	1.5	78.5	4.8	48	<0.1	0.4	34.6	605	8.70	7.7	0.9	5.9	15	<0.1	2.7	0.2

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BUREAU VERITAS
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Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: August 12, 2019

CERTIFICATE OF ANALYSIS VAN19002070.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2107275	Drill Core	31	2.75	0.163	9	1	0.53	19	0.005	6	1.82	0.019	0.48	<0.1	0.01	15.9	0.2	1.86	4	<0.5	<0.2
2107276	Drill Core	4	0.96	<0.001	1	1	0.14	1	<0.001	<1	<0.01	0.002	<0.01	<0.1	0.40	1.8	<0.1	>10	<1	8.3	1.1
2107277	Drill Core	14	1.46	0.152	12	2	0.56	88	0.177	<1	1.99	0.146	0.79	0.2	<0.01	12.2	0.2	2.16	11	<0.5	<0.2
2107278	Drill Core	22	1.37	0.185	17	2	0.80	103	0.187	2	2.77	0.116	0.99	0.1	<0.01	15.9	0.3	1.91	16	<0.5	<0.2

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Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: August 12, 2019

QUALITY CONTROL REPORT VAN19002070.1

	Method	WGHT	FA330	FA330	FA330	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	3	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
Reference Materials																					
STD DS11	Standard					14.6	151.1	136.2	314	1.6	78.9	13.4	1028	3.06	42.7	73.9	8.8	58	2.2	7.7	10.6
STD OREAS262	Standard					0.6	116.9	54.5	137	0.4	63.1	27.4	526	3.19	35.2	72.6	10.5	31	0.6	4.7	0.9
STD PD05	Standard		538	443	629																
STD PG04	Standard		1027	960	1245																
STD DS11 Expected						14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	8.74	12.2
STD OREAS262 Expected						0.68	118	56	154	0.45	62	26.9	530	3.284	35.8	65	9.33	36	0.61	5.06	1.03
STD PD05 Expected			519	430	596																
STD PG04 Expected			996	910	1210																
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK	Blank		4	<3	3																
Prep Wash																					
ROCK-VAN	Prep Blank		3	<3	5	1.0	2.6	1.3	27	<0.1	0.7	3.3	460	1.71	0.8	1.0	3.2	15	<0.1	<0.1	<0.1

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5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: August 12, 2019

QUALITY CONTROL REPORT VAN19002070.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Reference Materials																					
STD DS11	Standard	49	1.05	0.063	17	60	0.83	371	0.081	6	1.19	0.077	0.40	3.2	0.25	3.6	5.1	0.28	5	2.3	4.6
STD OREAS262	Standard	21	2.92	0.036	14	42	1.16	247	0.002	3	1.34	0.069	0.31	0.2	0.15	3.5	0.4	0.27	4	<0.5	0.2
STD PD05	Standard																				
STD PG04	Standard																				
STD DS11 Expected		50	1.063	0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56
STD OREAS262 Expected		22.5	2.98	0.04	15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	0.17	3.24	0.47	0.253	3.73	0.4	0.23
STD PD05 Expected																					
STD PG04 Expected																					
BLK	Blank	<1	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																				
Prep Wash																					
ROCK-VAN	Prep Blank	21	0.55	0.036	6	3	0.42	50	0.058	<1	0.89	0.149	0.12	<0.1	<0.01	5.2	<0.1	<0.05	3	<0.5	<0.2

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Submitted By: Confirmation & Data Distribution List
Receiving Lab: Canada-Vancouver
Received: July 10, 2019
Report Date: August 14, 2019

CERTIFICATE OF ANALYSIS VAN19001789.2

CLIENT JOB INFORMATION

Project: VINE
Shipment ID:
P.O. Number
Number of Samples: 23

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	23	Crush, split and pulverize 250 g rock to 200 mesh			VAN
FA330	23	Fire assay fusion Au Pt Pd by ICP-ES	30	Completed	VAN
EN002	23	Environmental disposal charge-Fire assay lead waste			VAN
AQ201	23	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
Ship	1	Shipping charges for collect packages			VAN
AQ370-X	1	1:1:1 Aqua Regia digestion ICP-ES analysis	1	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : AQ370-Cu included.

Invoice To: PJX Resources Inc.
5600 - 100 King Street West
Toronto Ontario M5X 1C9
Canada

CC: Dave L.Pighin
Michael Seabrook

JEFFREY CANNON
Geochemistry Department Supervisor

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: August 14, 2019

CERTIFICATE OF ANALYSIS VAN19001789.2

	Method	WGHT	FA330	FA330	FA330	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	3	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
2107261	Drill Core	0.95	8	4	<2	0.4	1138.5	20.0	243	0.6	223.2	279.5	152	35.32	12.7	1.7	0.6	3	1.9	0.5	<0.1
2107262	Drill Core	0.83	4	13	13	0.2	397.7	62.7	410	0.1	36.7	28.5	1773	6.78	10.9	3.2	0.5	30	0.8	0.4	<0.1
2107263	Drill Core	3.55	29	4	5	0.4	5177.1	6319.8	4526	7.6	195.1	263.1	963	31.60	88.4	26.4	<0.1	37	44.3	4.2	14.8
2107264	Drill Core	2.26	6	<3	5	1.0	618.3	154.4	157	0.4	12.2	16.1	2652	2.12	4.9	1.4	0.1	107	2.0	0.2	0.6
2107265	Drill Core	1.33	13	10	6	0.3	>10000	46.2	342	3.6	71.3	89.4	583	11.47	6.4	25.6	0.4	21	2.6	0.4	0.2
2107266	Drill Core	1.98	13	13	12	0.4	3416.3	35.3	91	0.9	29.6	15.8	480	2.63	3.9	7.8	0.8	23	0.7	0.4	0.1
2107267	Drill Core	3.60	7	6	3	<0.1	3079.0	19.5	133	0.7	168.5	210.6	821	26.07	11.4	3.1	0.1	46	0.4	0.2	0.2
2107268	Drill Core	2.82	5	12	20	0.3	52.9	18.1	168	<0.1	71.4	51.7	1625	6.78	253.6	1.4	0.8	27	0.1	0.5	0.2
2107269	Drill Core	0.25	5	4	10	<0.1	28.2	4.1	12	<0.1	12.8	10.5	2518	1.00	17.0	0.6	<0.1	99	<0.1	<0.1	<0.1
2107270	Drill Core	0.37	4	3	5	<0.1	91.6	6.3	9	<0.1	21.3	54.9	3519	0.90	424.0	2.4	<0.1	124	0.1	0.4	<0.1
2107271	Drill Core	0.40	4	<3	3	<0.1	92.8	18.8	55	<0.1	11.0	11.4	6375	3.50	0.9	<0.5	<0.1	193	0.2	<0.1	<0.1
2107272	Drill Core	0.24	6	<3	3	<0.1	31.9	4.6	6	<0.1	6.9	12.0	2737	0.64	45.2	2.4	<0.1	87	<0.1	<0.1	0.1
2107273	Drill Core	0.29	3	<3	<2	<0.1	8.5	8.4	3	<0.1	12.1	33.4	2918	0.43	89.0	<0.5	<0.1	98	<0.1	<0.1	<0.1
2107274	Drill Core	0.26	3	<3	5	<0.1	1.1	5.3	3	<0.1	1.1	1.7	5303	0.40	2.8	<0.5	<0.1	245	<0.1	<0.1	<0.1
2107252	Drill Core	0.42	7	<3	7	0.9	10.0	7.9	58	<0.1	38.2	25.8	564	6.43	22.3	5.4	18.3	7	<0.1	0.2	0.7
2107253	Drill Core	0.78	4	<3	6	1.0	4.7	4.1	37	<0.1	15.7	12.4	321	3.32	6.5	1.5	12.3	5	<0.1	<0.1	0.3
2107254	Drill Core	0.53	6	<3	<2	0.1	4.6	10.0	57	<0.1	23.2	39.9	796	6.72	17.2	<0.5	8.2	5	<0.1	<0.1	0.5
2107255	Drill Core	2.52	281	<3	3	1.1	207.3	46.4	25	0.3	27.0	96.1	1447	4.03	7107.0	290.3	2.2	39	<0.1	31.2	3.3
2107256	Drill Core	3.41	79	<3	4	0.5	248.4	17.9	24	0.1	22.4	35.9	1321	2.34	1581.7	105.8	1.0	31	<0.1	7.4	0.5
2107257	Drill Core	2.42	55	<3	<2	0.4	207.1	39.4	19	0.2	13.0	21.4	511	2.69	795.3	47.2	10.7	16	<0.1	3.5	1.0
2107258	Drill Core	2.36	37	<3	6	0.2	610.2	37.2	20	0.2	17.2	9.9	246	4.08	3.2	4.7	12.3	5	<0.1	0.3	0.6
2107259	Drill Core	3.09	10	<3	6	0.2	204.8	11.3	35	0.1	11.4	7.5	828	3.67	42.3	18.4	0.4	21	<0.1	0.2	0.3
2107260	Drill Core	1.45	133	<3	5	1.1	331.6	113.6	53	0.4	25.1	75.9	1376	5.81	4014.1	92.4	5.4	41	0.4	12.9	3.2

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5600 - 100 King Street West
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Project: VINE
Report Date: August 14, 2019

CERTIFICATE OF ANALYSIS VAN19001789.2

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2107261	Drill Core	10	0.48	<0.001	<1	3	0.07	8	0.010	<1	0.18	0.002	0.07	<0.1	0.07	0.6	0.2	5.93	<1	5.3	<0.2
2107262	Drill Core	224	6.79	0.041	2	35	1.58	147	0.329	<1	3.01	0.010	1.76	0.4	<0.01	13.9	0.6	1.42	8	<0.5	<0.2
2107263	Drill Core	8	5.32	0.001	<1	2	0.06	3	0.005	<1	0.11	0.001	0.03	<0.1	0.04	<0.1	<0.1	3.79	<1	4.7	0.8
2107264	Drill Core	18	22.41	0.011	1	5	0.20	4	0.041	<1	0.37	0.006	0.03	0.2	<0.01	4.0	<0.1	0.95	<1	<0.5	<0.2
2107265	Drill Core	38	4.28	0.029	1	10	0.24	3	0.166	<1	0.73	0.009	0.01	0.4	0.03	3.3	0.1	7.20	2	3.6	0.2
2107266	Drill Core	59	3.28	0.056	3	16	0.34	13	0.306	<1	1.07	0.018	0.04	0.6	<0.01	5.8	<0.1	1.25	2	<0.5	<0.2
2107267	Drill Core	33	5.58	0.008	4	17	0.19	8	0.029	<1	0.41	0.003	0.05	0.3	<0.01	3.2	<0.1	5.51	1	5.3	0.4
2107268	Drill Core	200	5.29	0.034	3	122	2.73	24	0.148	2	3.99	0.007	0.23	0.3	<0.01	18.8	0.1	0.14	8	<0.5	<0.2
2107269	Drill Core	29	24.99	0.009	1	9	0.28	2	0.032	<1	0.39	0.002	<0.01	0.2	<0.01	5.0	<0.1	0.08	<1	<0.5	<0.2
2107270	Drill Core	8	18.97	0.003	2	2	0.12	2	0.011	<1	0.16	0.007	<0.01	0.1	<0.01	3.5	<0.1	0.22	<1	<0.5	<0.2
2107271	Drill Core	115	31.72	<0.001	1	3	1.29	96	0.021	<1	1.81	0.002	0.34	<0.1	<0.01	15.3	0.1	0.33	6	<0.5	<0.2
2107272	Drill Core	7	31.64	0.001	1	<1	0.14	7	0.006	1	0.13	<0.001	0.03	<0.1	<0.01	3.0	<0.1	<0.05	<1	<0.5	<0.2
2107273	Drill Core	2	32.87	<0.001	2	<1	0.10	4	0.003	<1	0.14	0.007	0.01	0.1	<0.01	3.1	<0.1	<0.05	<1	<0.5	<0.2
2107274	Drill Core	<1	29.32	<0.001	2	<1	0.11	2	<0.001	<1	0.02	<0.001	<0.01	<0.1	<0.01	3.3	<0.1	<0.05	<1	<0.5	<0.2
2107252	Drill Core	57	0.41	0.068	41	59	2.55	64	0.181	<1	2.90	0.046	0.85	0.1	<0.01	9.0	0.1	2.23	10	<0.5	<0.2
2107253	Drill Core	33	0.27	0.057	31	30	1.04	92	0.144	<1	1.57	0.098	1.10	<0.1	<0.01	5.1	0.2	0.99	6	<0.5	<0.2
2107254	Drill Core	130	0.24	0.035	19	33	3.21	12	0.077	<1	3.42	0.047	0.37	<0.1	<0.01	7.4	0.1	1.58	15	<0.5	<0.2
2107255	Drill Core	12	9.36	0.006	6	7	0.40	13	0.023	3	0.78	0.015	0.12	0.1	0.01	2.6	0.2	2.00	3	1.1	0.3
2107256	Drill Core	9	8.67	0.008	4	5	0.32	11	0.018	2	0.61	0.008	0.09	<0.1	<0.01	1.6	<0.1	0.81	2	<0.5	<0.2
2107257	Drill Core	9	3.43	0.017	14	7	0.29	27	0.042	1	0.85	0.028	0.26	0.3	<0.01	2.1	0.1	1.28	4	<0.5	<0.2
2107258	Drill Core	7	0.60	0.019	12	7	0.24	25	0.043	2	0.64	0.029	0.21	0.2	<0.01	1.7	<0.1	2.30	3	<0.5	<0.2
2107259	Drill Core	7	5.09	0.002	<1	4	0.53	4	0.006	<1	0.81	0.006	0.03	<0.1	<0.01	0.9	<0.1	1.55	4	<0.5	<0.2
2107260	Drill Core	13	11.78	0.014	8	9	0.33	12	0.036	<1	0.72	0.018	0.17	0.2	<0.01	2.5	0.3	2.96	3	0.9	0.3

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: August 14, 2019

CERTIFICATE OF ANALYSIS VAN19001789.2

	Method	AQ370
	Analyte	Cu
	Unit	%
	MDL	0.001
2107261	Drill Core	
2107262	Drill Core	
2107263	Drill Core	
2107264	Drill Core	
2107265	Drill Core	1.266
2107266	Drill Core	
2107267	Drill Core	
2107268	Drill Core	
2107269	Drill Core	
2107270	Drill Core	
2107271	Drill Core	
2107272	Drill Core	
2107273	Drill Core	
2107274	Drill Core	
2107252	Drill Core	
2107253	Drill Core	
2107254	Drill Core	
2107255	Drill Core	
2107256	Drill Core	
2107257	Drill Core	
2107258	Drill Core	
2107259	Drill Core	
2107260	Drill Core	

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Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: August 14, 2019

QUALITY CONTROL REPORT VAN19001789.2

	Method	WGHT	FA330	FA330	FA330	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	3	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
Pulp Duplicates																					
2107263	Drill Core	3.55	29	4	5	0.4	5177.1	6319.8	4526	7.6	195.1	263.1	963	31.60	88.4	26.4	<0.1	37	44.3	4.2	14.8
REP 2107263	QC					0.2	5240.2	6571.3	4530	7.6	195.0	262.4	942	31.40	93.5	18.3	<0.1	38	47.9	4.6	15.2
2107257	Drill Core	2.42	55	<3	<2	0.4	207.1	39.4	19	0.2	13.0	21.4	511	2.69	795.3	47.2	10.7	16	<0.1	3.5	1.0
REP 2107257	QC		59	<3	8																
Core Reject Duplicates																					
2107260	Drill Core	1.45	133	<3	5	1.1	331.6	113.6	53	0.4	25.1	75.9	1376	5.81	4014.1	92.4	5.4	41	0.4	12.9	3.2
DUP 2107260	QC		111	<3	<2	1.3	325.1	115.7	53	0.4	22.6	72.7	1337	5.56	3909.0	72.4	5.6	41	0.3	12.0	3.0
Reference Materials																					
STD CDN-ME-9A	Standard																				
STD CDN-ME-14A	Standard																				
STD DS11	Standard					15.0	150.1	143.1	356	1.8	79.6	13.9	1035	3.17	45.3	73.9	8.4	71	2.3	8.8	12.5
STD OREAS262	Standard					0.5	117.4	58.0	152	0.5	63.7	26.6	559	3.25	35.3	56.4	9.8	37	0.6	3.6	1.0
STD PD05	Standard		501	419	587																
STD PG04	Standard		958	870	1212																
STD PD05 Expected			519	430	596																
STD PG04 Expected			996	910	1210																
STD DS11 Expected						14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	8.74	12.2
STD OREAS262 Expected						0.68	118	56	154	0.45	62	26.9	530	3.284	35.8	65	9.33	36	0.61	5.06	1.03
STD CDN-ME-9A Expected																					
STD CDN-ME-14A Expected																					
BLK	Blank		4	<3	<2																
BLK	Blank					<0.1	0.3	<0.1	<1	<0.1	0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK	Blank																				
Prep Wash																					
ROCK-VAN	Prep Blank		2	<3	3	1.0	2.6	1.2	28	<0.1	1.0	3.0	521	2.06	1.1	0.6	2.7	26	<0.1	0.1	<0.1
ROCK-VAN	Prep Blank		2	<3	3	1.0	2.6	1.2	29	<0.1	1.1	3.4	545	2.13	0.9	2.9	2.5	29	<0.1	<0.1	<0.1

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9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: August 14, 2019

QUALITY CONTROL REPORT VAN19001789.2

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																					
2107263	Drill Core	8	5.32	0.001	<1	2	0.06	3	0.005	<1	0.11	0.001	0.03	<0.1	0.04	<0.1	<0.1	3.79	<1	4.7	0.8
REP 2107263	QC	8	5.37	<0.001	<1	2	0.06	3	0.005	<1	0.11	0.001	0.03	0.1	0.06	0.3	<0.1	3.67	<1	6.8	0.7
2107257	Drill Core	9	3.43	0.017	14	7	0.29	27	0.042	1	0.85	0.028	0.26	0.3	<0.01	2.1	0.1	1.28	4	<0.5	<0.2
REP 2107257	QC																				
Core Reject Duplicates																					
2107260	Drill Core	13	11.78	0.014	8	9	0.33	12	0.036	<1	0.72	0.018	0.17	0.2	<0.01	2.5	0.3	2.96	3	0.9	0.3
DUP 2107260	QC	13	11.56	0.013	9	9	0.33	13	0.035	<1	0.71	0.018	0.17	0.2	<0.01	2.5	0.3	2.87	3	0.8	0.2
Reference Materials																					
STD CDN-ME-9A	Standard																				
STD CDN-ME-14A	Standard																				
STD DS11	Standard	48	1.06	0.073	18	61	0.85	381	0.093	6	1.19	0.072	0.40	3.2	0.27	3.5	5.2	0.27	5	1.1	4.8
STD OREAS262	Standard	22	3.06	0.040	18	44	1.18	254	0.003	3	1.41	0.067	0.31	0.2	0.16	3.5	0.5	0.25	4	<0.5	<0.2
STD PD05	Standard																				
STD PG04	Standard																				
STD PD05 Expected																					
STD PG04 Expected																					
STD DS11 Expected		50	1.063	0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56
STD OREAS262 Expected		22.5	2.98	0.04	15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	0.17	3.24	0.47	0.253	3.73	0.4	0.23
STD CDN-ME-9A Expected																					
STD CDN-ME-14A Expected																					
BLK	Blank																				
BLK	Blank	<1	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																				
Prep Wash																					
ROCK-VAN	Prep Blank	24	0.65	0.040	7	6	0.43	65	0.086	3	0.94	0.114	0.10	0.1	<0.01	3.3	<0.1	<0.05	4	<0.5	<0.2
ROCK-VAN	Prep Blank	24	0.67	0.041	7	6	0.43	70	0.087	1	0.99	0.132	0.12	0.1	<0.01	3.5	<0.1	<0.05	4	<0.5	<0.2

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Client: **PJX Resources Inc.**
5600 - 100 King Street West
Toronto Ontario M5X 1C9 Canada

Project: VINE
Report Date: August 14, 2019

QUALITY CONTROL REPORT VAN19001789.2

	Method	AQ370
	Analyte	Cu
	Unit	%
	MDL	0.001
Pulp Duplicates		
2107263	Drill Core	
REP 2107263	QC	
2107257	Drill Core	
REP 2107257	QC	
Core Reject Duplicates		
2107260	Drill Core	
DUP 2107260	QC	
Reference Materials		
STD CDN-ME-9A	Standard	0.662
STD CDN-ME-14A	Standard	1.250
STD DS11	Standard	
STD OREAS262	Standard	
STD PD05	Standard	
STD PG04	Standard	
STD PD05 Expected		
STD PG04 Expected		
STD DS11 Expected		
STD OREAS262 Expected		
STD CDN-ME-9A Expected		0.654
STD CDN-ME-14A Expected		1.24
BLK	Blank	
BLK	Blank	
BLK	Blank	<0.001
Prep Wash		
ROCK-VAN	Prep Blank	
ROCK-VAN	Prep Blank	

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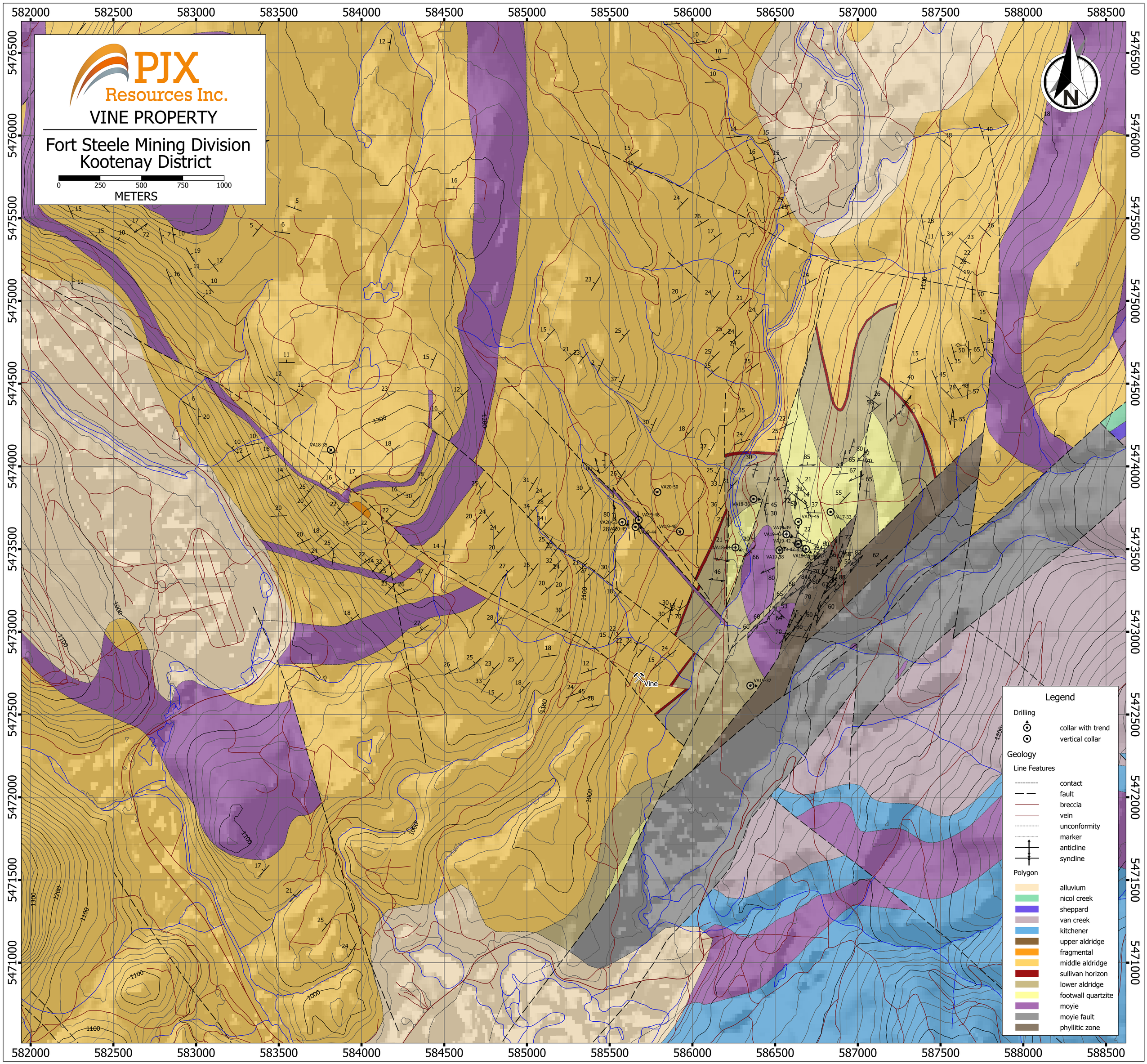
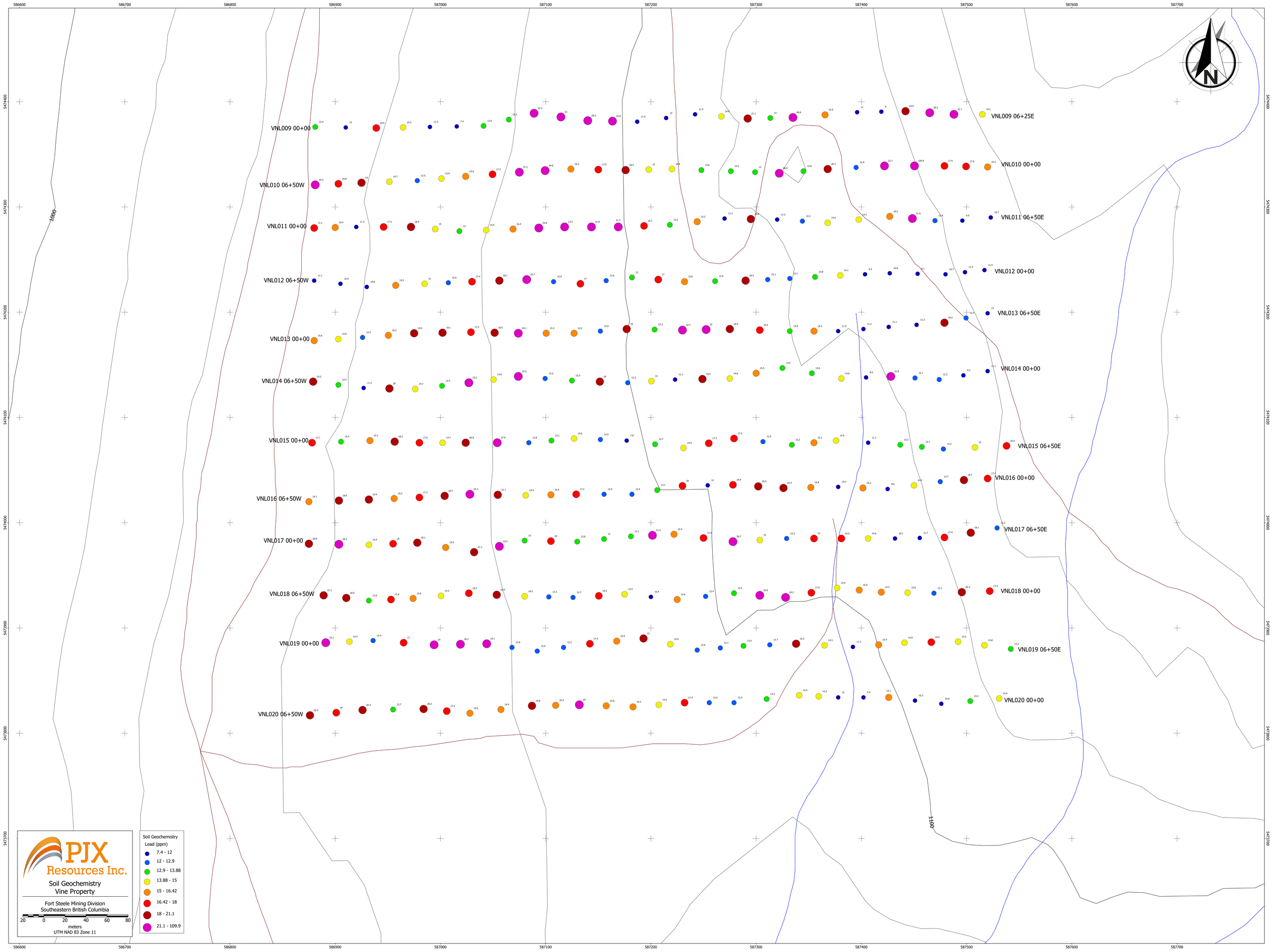
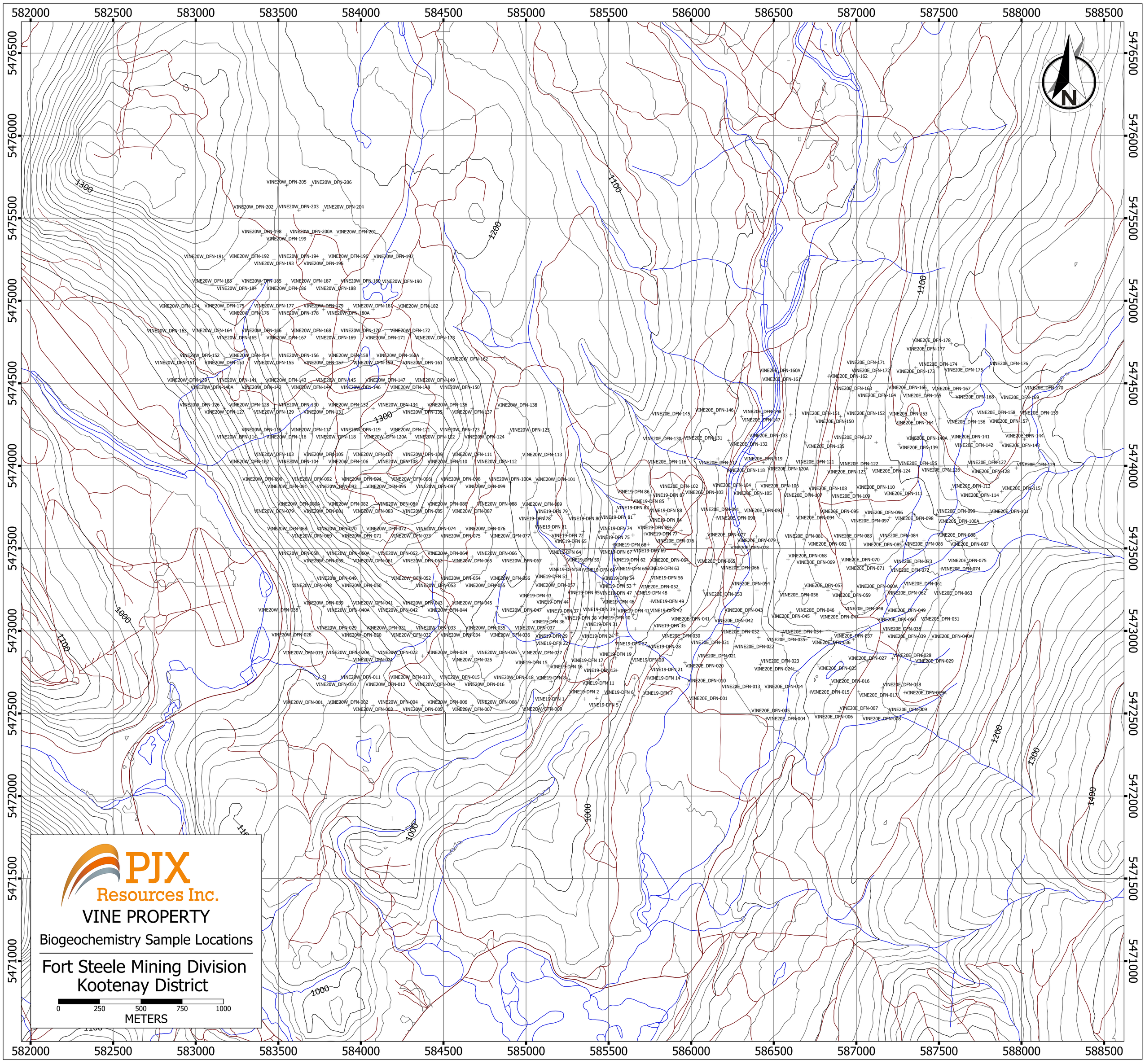
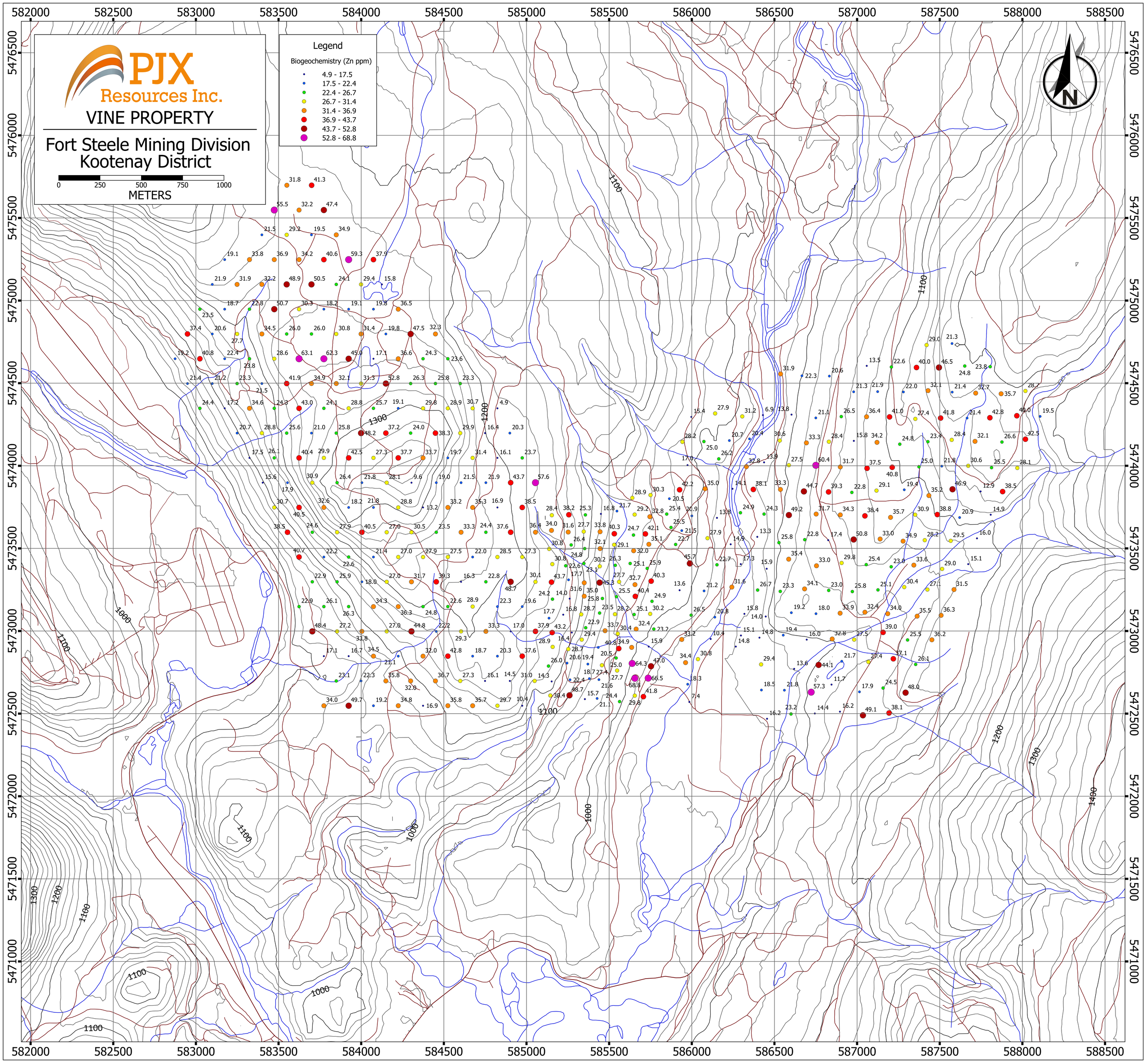
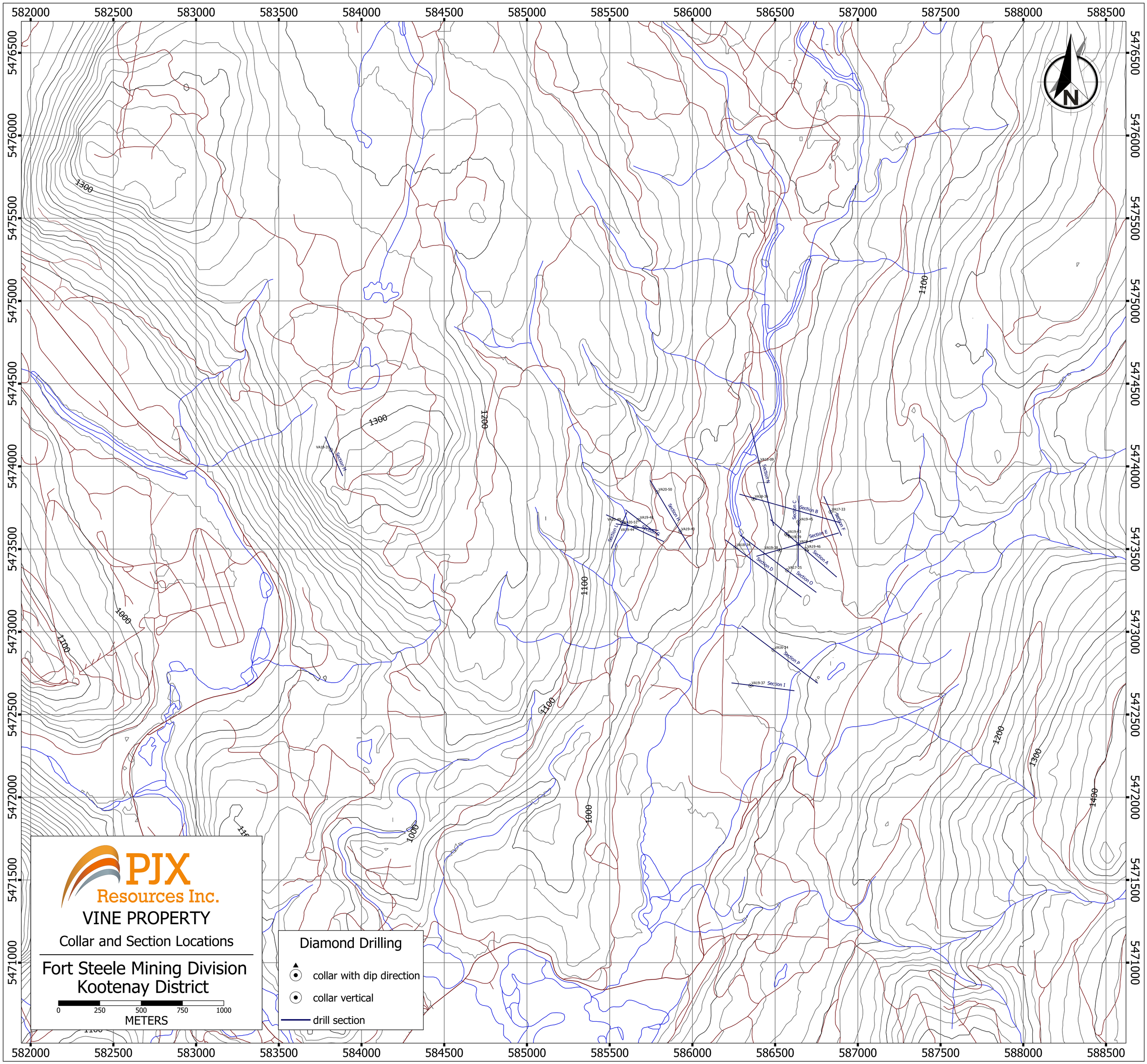
Appendix 11: Foldout maps and sections

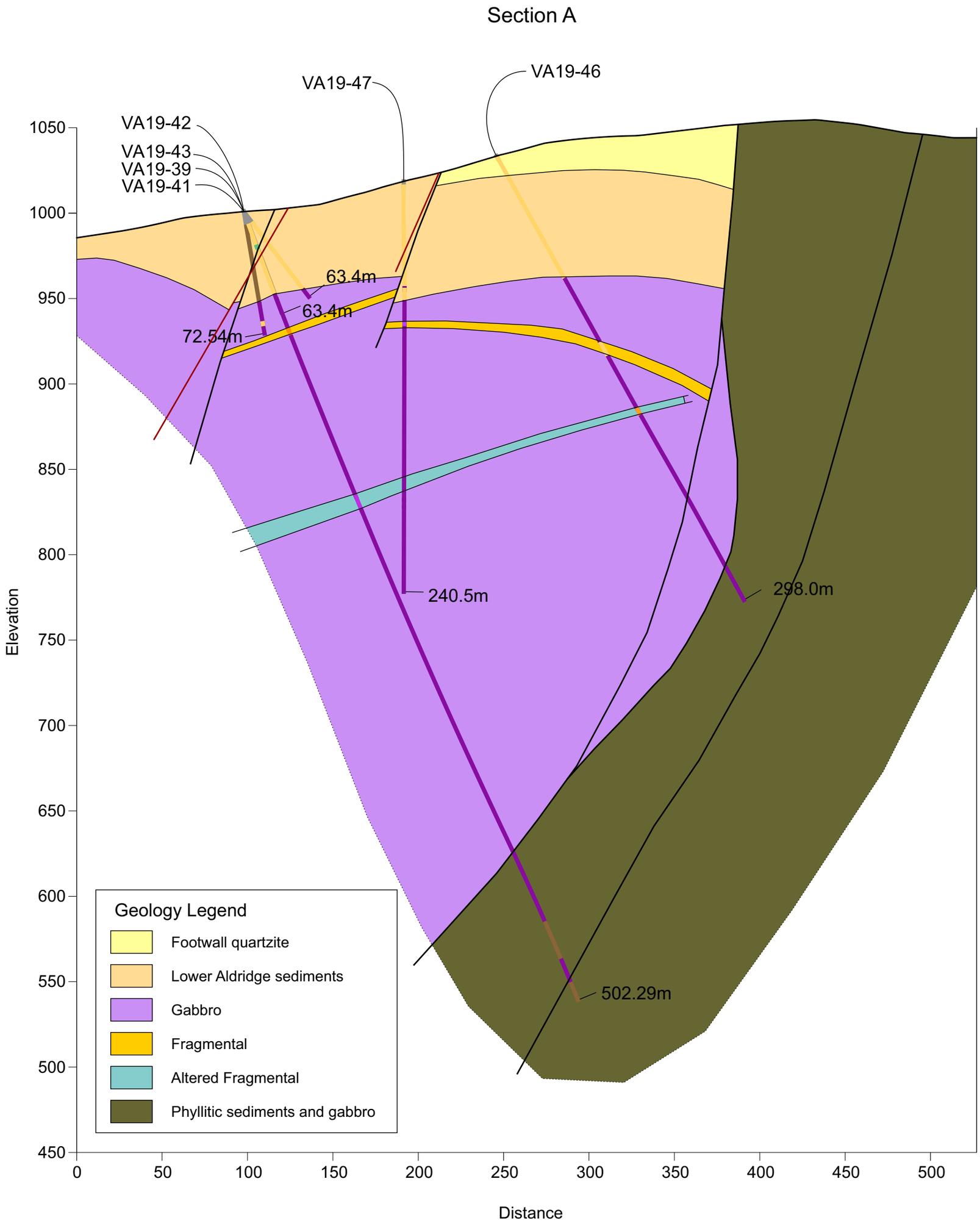

PJX Resources Inc.
VINE PROPERTY
Fort Steele Mining Division
Kootenay District
0 250 500 750 1000
METERS
N
Vine
Legend
Drilling
collar with trend
vertical collar
Geology
Line Features
contact
fault
breccia
vein
unconformity
marker
anticline
syncline
Polygon
alluvium
nicol creek
sheppard
van creek
kitchener
upper aldridge
fragmental
middle aldridge
sullivan horizon
lower aldridge
footwall quartzite
moyie
moyie fault
phyllitic zone

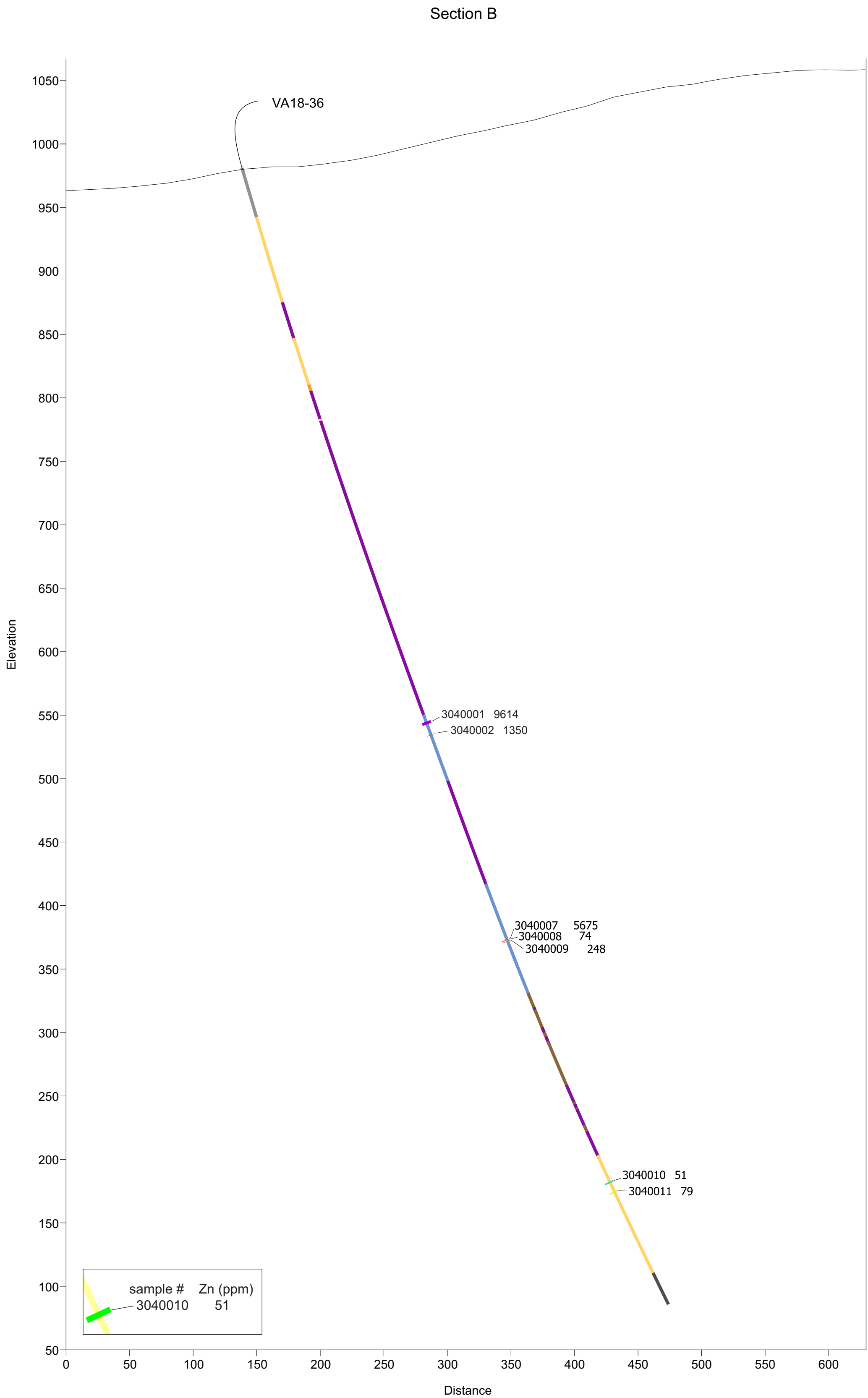

PJX Resources Inc.
Soil Geochemistry
Vine Property
Fort Steele Mining Division
Southeastern British Columbia
20 0 20 40 60 80
meters
UTM NAD 83 Zone 11
Soil Geochemistry
Lead (ppm)
7.4 - 12
12 - 12.9
12.9 - 13.88
13.88 - 15
15 - 16.42
16.42 - 18
18 - 21.1
21.1 - 109.9
VNL009 00+00
VNL009 06+25E
VNL010 06+50W
VNL010 00+00
VNL011 00+00
VNL011 06+50E
VNL012 06+50W
VNL012 00+00
VNL013 00+00
VNL013 06+50E
VNL014 06+50W
VNL014 00+00
VNL015 00+00
VNL015 06+50E
VNL016 06+50W
VNL016 00+00
VNL017 00+00
VNL017 06+50E
VNL018 06+50W
VNL018 00+00
VNL019 00+00
VNL019 06+50E
VNL020 06+50W
VNL020 00+00
1000
1100
586600
586700
586800
586900
587000
587100
587200
587300
587400
587500
587600
587700
5474400
5474300
5474200
5474100
5474000
5473900
5473800
5473700
N

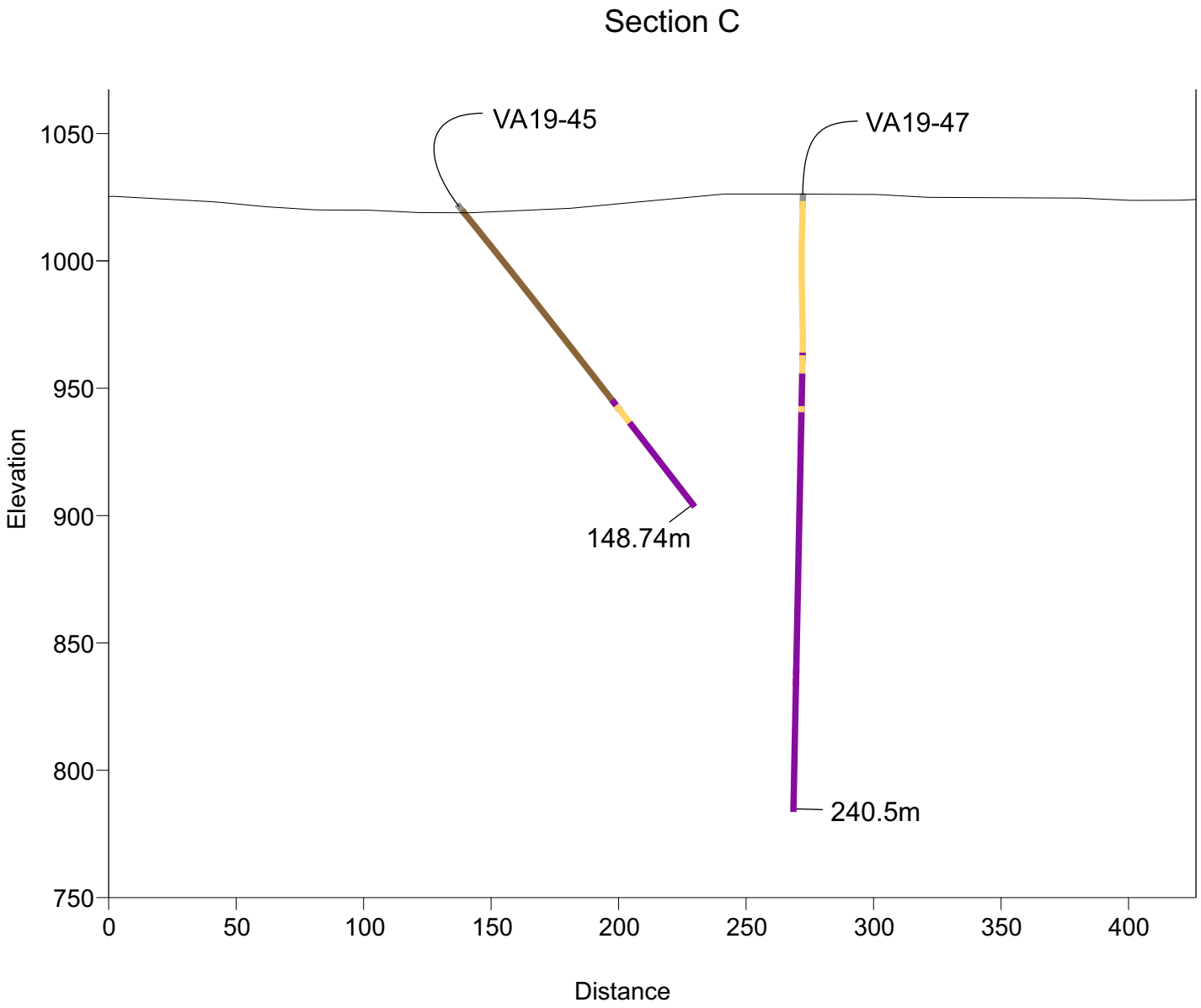

PJX Resources Inc.
VINE PROPERTY
Biogeochemistry Sample Locations
Fort Steele Mining Division
Kootenay District
0 250 500 750 1000
METERS
582000 582500 583000 583500 584000 584500 585000 585500 586000 586500 587000 587500 588000 588500
5476500 5476000 5475500 5475000 5474500 5474000 5473500 5473000 5472500 5472000 5471500 5471000
1300
1200
1100
1000
N

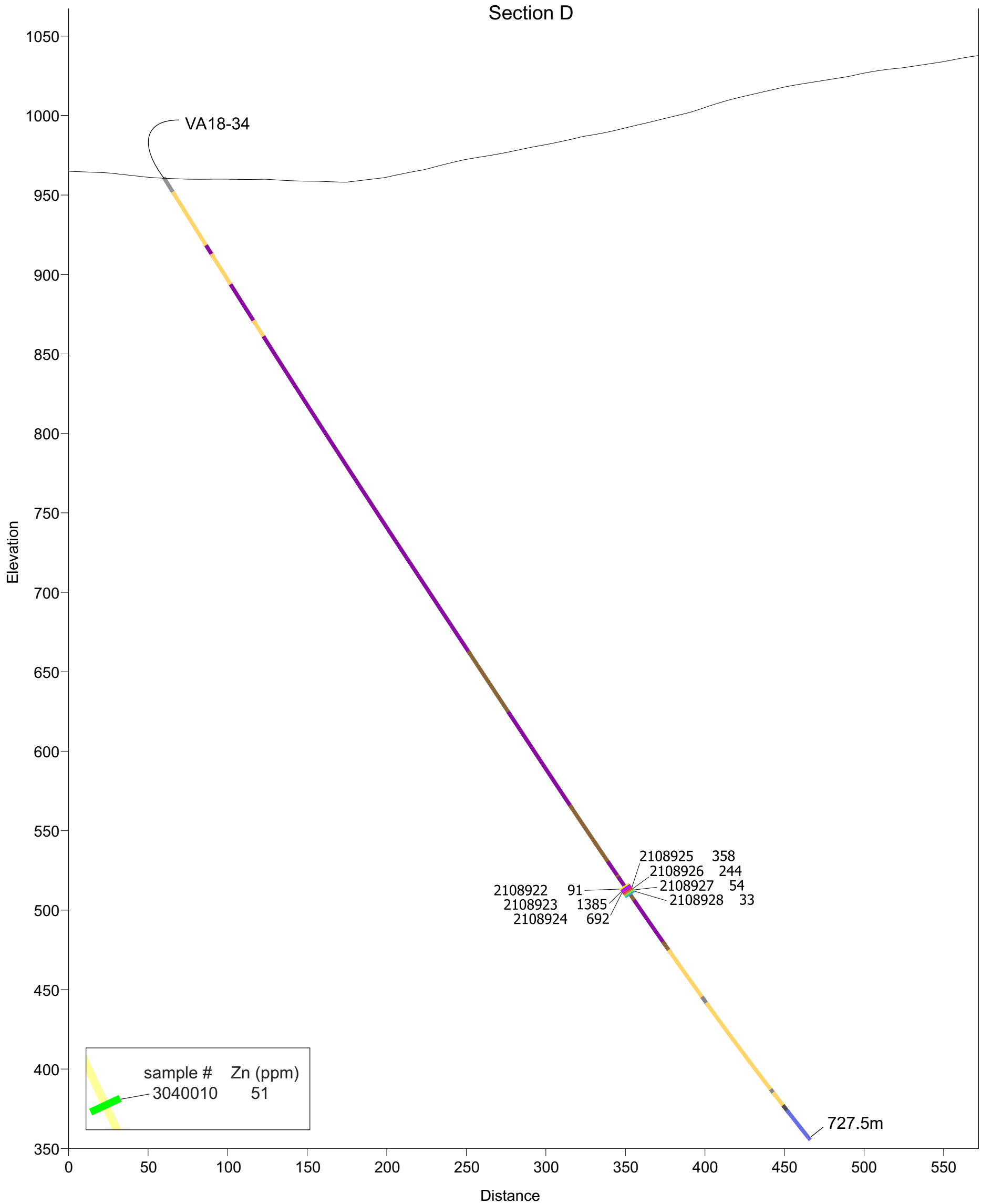

PJX Resources Inc.
VINE PROPERTY
Fort Steele Mining Division
Kootenay District
0 250 500 750 1000
METERS
Legend
Biogeochemistry (Zn ppm)
4.9 - 17.5
17.5 - 22.4
22.4 - 26.7
26.7 - 31.4
31.4 - 36.9
36.9 - 43.7
43.7 - 52.8
52.8 - 68.8
N
582000 582500 583000 583500 584000 584500 585000 585500 586000 586500 587000 587500 588000 588500
5476500 5476000 5475500 5475000 5474500 5474000 5473500 5473000 5472500 5472000 5471500 5471000
1300
1200
1100
1000

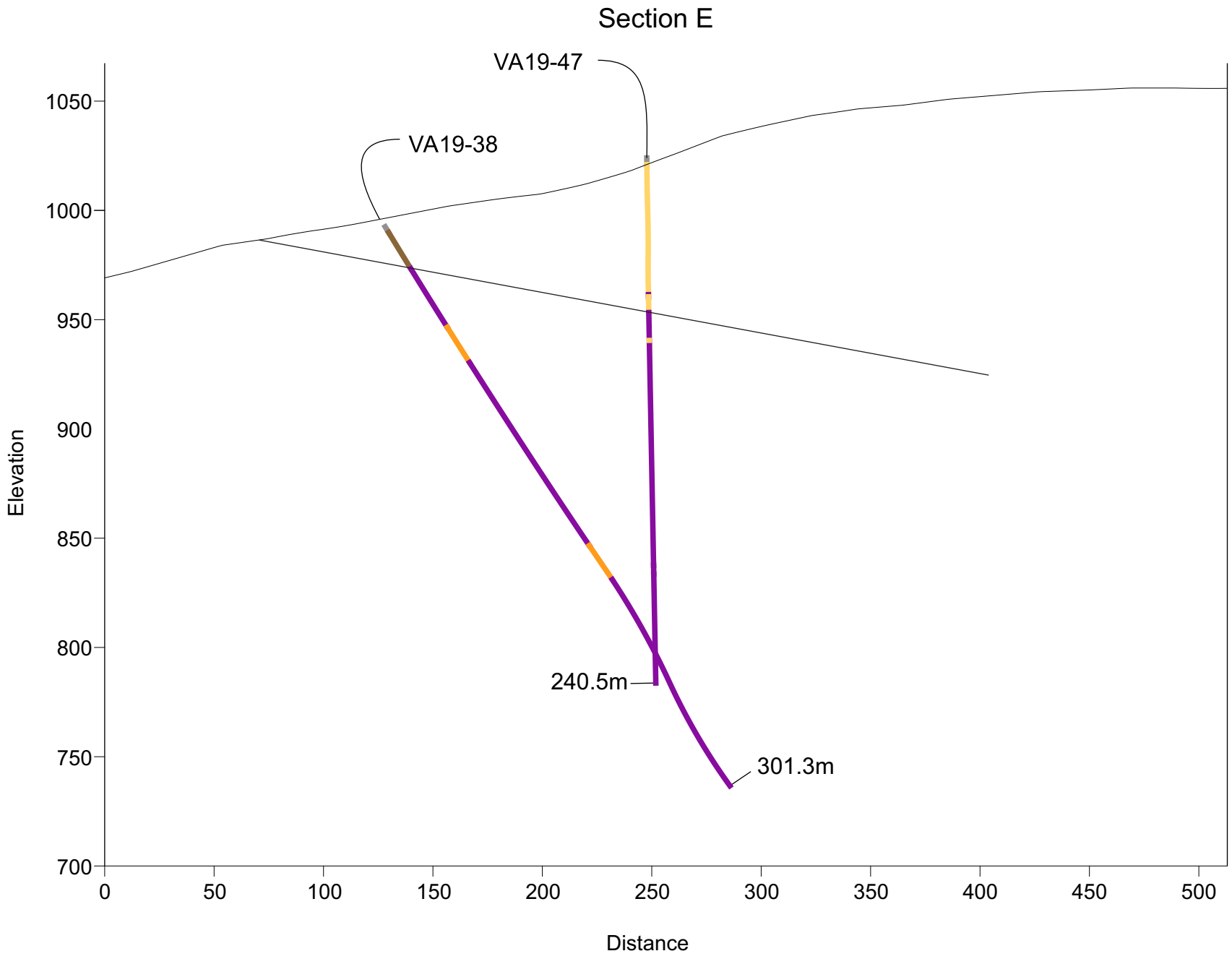

PJX Resources Inc.
VINE PROPERTY
Collar and Section Locations
Fort Steele Mining Division
Kootenay District
0 250 500 750 1000
METERS
Diamond Drilling
collar with dip direction
collar vertical
drill section
N
582000 582500 583000 583500 584000 584500 585000 585500 586000 586500 587000 587500 588000 588500
5476500 5476000 5475500 5475000 5474500 5474000 5473500 5473000 5472500 5472000 5471500 5471000
1300
1200
1100
1000
VA18-37
Section M
VA18-09
Section N
VA20-50
Section H
VA20-48
VA20-51
VA19-48
VA19-44
Section G
Section L
VA19-40
VA18-34
Section C
Section B
VA17-33
Section F
VA19-45
VA19-43
VA19-39
Section E
VA18-17
VA19-46
Section A
VA18-04
VA19-38
Section D
VA17-25
Section O
VA16-24
Section P
VA19-37
Section I

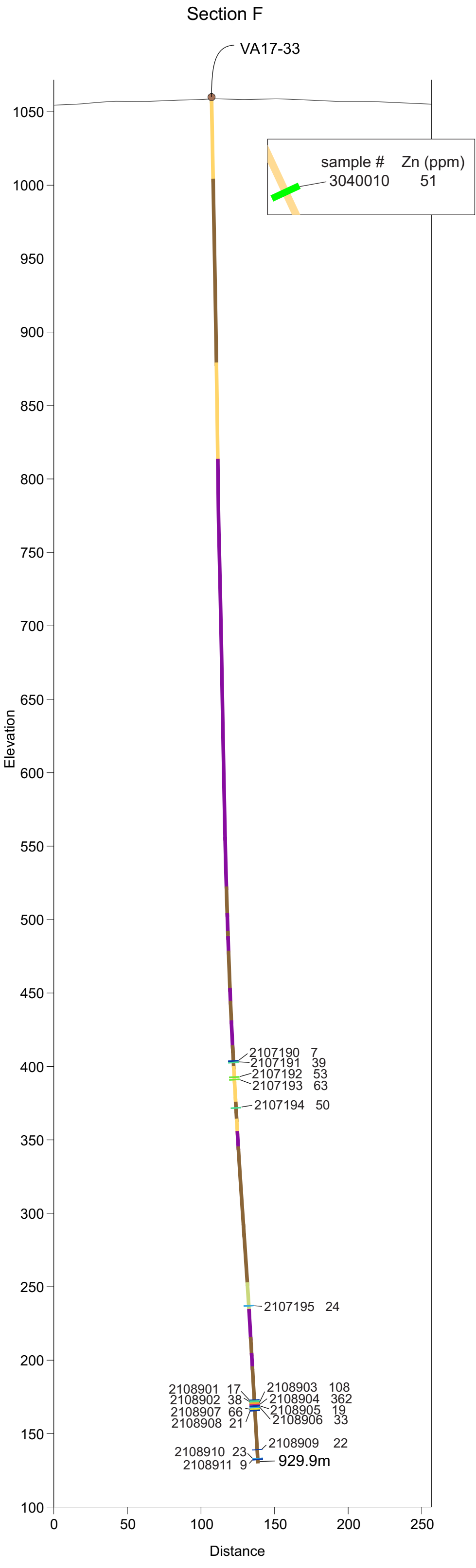

Section A
VA19-47
VA19-46
VA19-42
VA19-43
VA19-39
VA19-41
63.4m
63.4m
72.54m
240.5m
298.0m
502.29m
Elevation
Distance
1050
1000
950
900
850
800
750
700
650
600
550
500
450
0
50
100
150
200
250
300
350
400
450
500
Geology Legend
Footwall quartzite
Lower Aldridge sediments
Gabbro
Fragmental
Altered Fragmental
Phyllitic sediments and gabbro


Section B
VA18-36
3040001 9614
3040002 1350
3040007 5675
3040008 74
3040009 248
3040010 51
3040011 79
sample # Zn (ppm)
3040010 51
Elevation
Distance
1050
1000
950
900
850
800
750
700
650
600
550
500
450
400
350
300
250
200
150
100
50
0
50
100
150
200
250
300
350
400
450
500
550
600

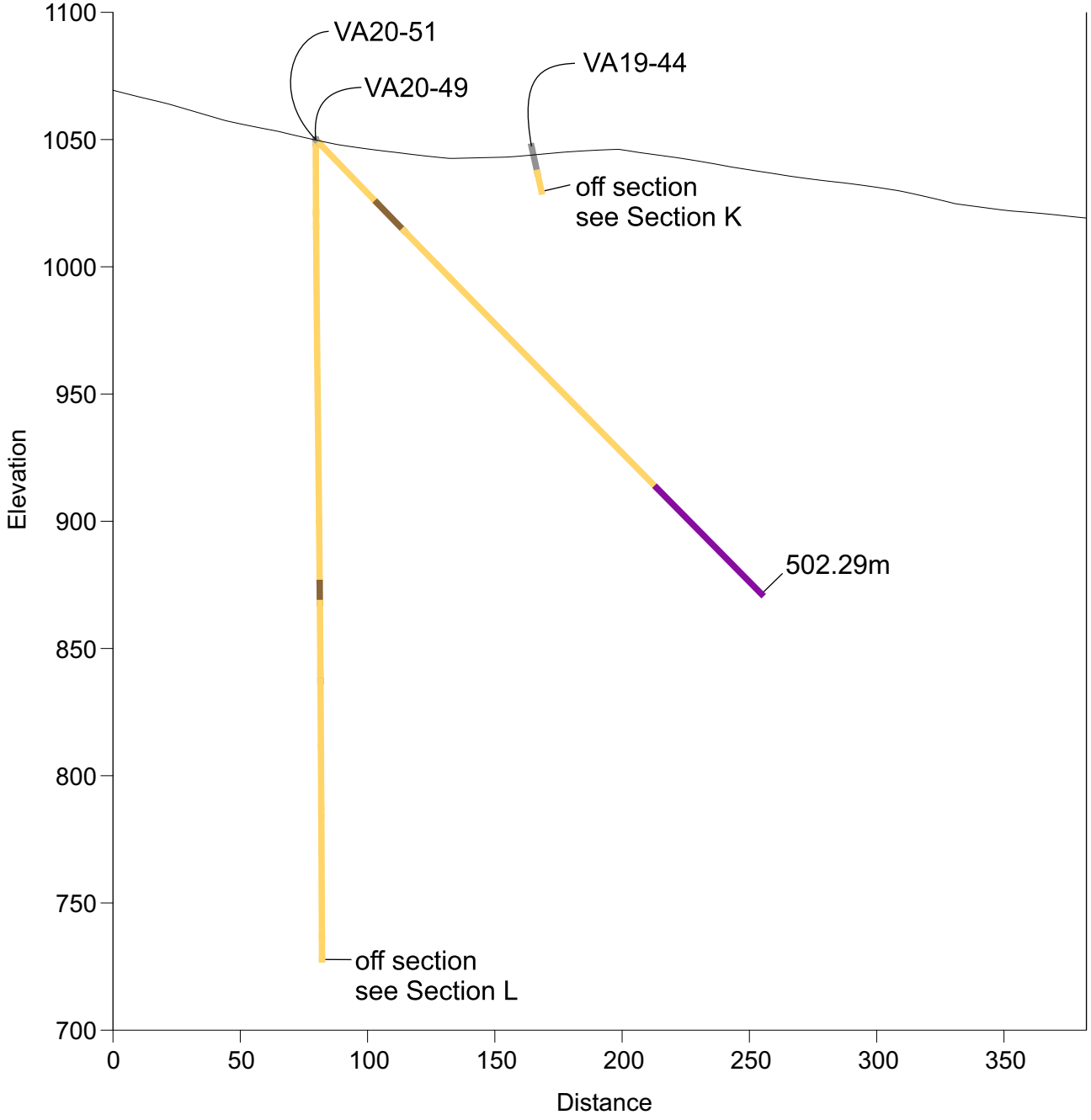

Section C
VA19-45
VA19-47
148.74m
240.5m
Elevation
1050
1000
950
900
850
800
750
0
50
100
150
200
250
300
350
400
Distance

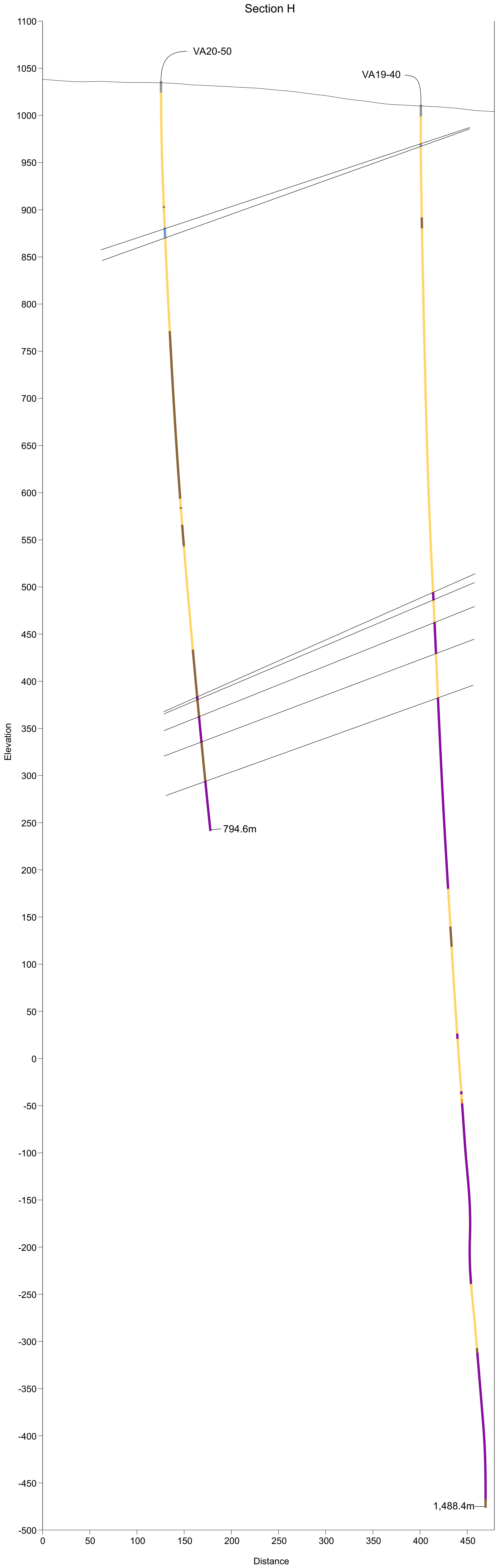

Section D
VA18-34
2108925 358
2108926 244
2108927 54
2108928 33
2108922 91
2108923 1385
2108924 692
727.5m
sample # Zn (ppm)
3040010 51
Elevation
Distance
1050
1000
950
900
850
800
750
700
650
600
550
500
450
400
350
0
50
100
150
200
250
300
350
400
450
500
550


Section E
VA19-47
VA19-38
240.5m
301.3m
Elevation
1050
1000
950
900
850
800
750
700
0
50
100
150
200
250
300
350
400
450
500
Distance


Section F
VA17-33
sample # Zn (ppm)
3040010 51
2107190 7
2107191 39
2107192 53
2107193 63
2107194 50
2107195 24
2108901 17
2108902 38
2108907 66
2108908 21
2108903 108
2108904 362
2108905 19
2108906 33
2108909 22
2108910 23
2108911 9
929.9m
Elevation
Distance
1050
1000
950
900
850
800
750
700
650
600
550
500
450
400
350
300
250
200
150
100
0
50
100
150
200
250

Section G


VA20-51
VA20-49
VA19-44
off section
see Section K
502.29m
off section
see Section L
Elevation
1100
1050
1000
950
900
850
800
750
700
0
50
100
150
200
250
300
350
Distance


Section H
VA20-50
VA19-40
794.6m
1,488.4m
Elevation
Distance
1100
1050
1000
950
900
850
800
750
700
650
600
550
500
450
400
350
300
250
200
150
100
50
0
-50
-100
-150
-200
-250
-300
-350
-400
-450
-500
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50
100
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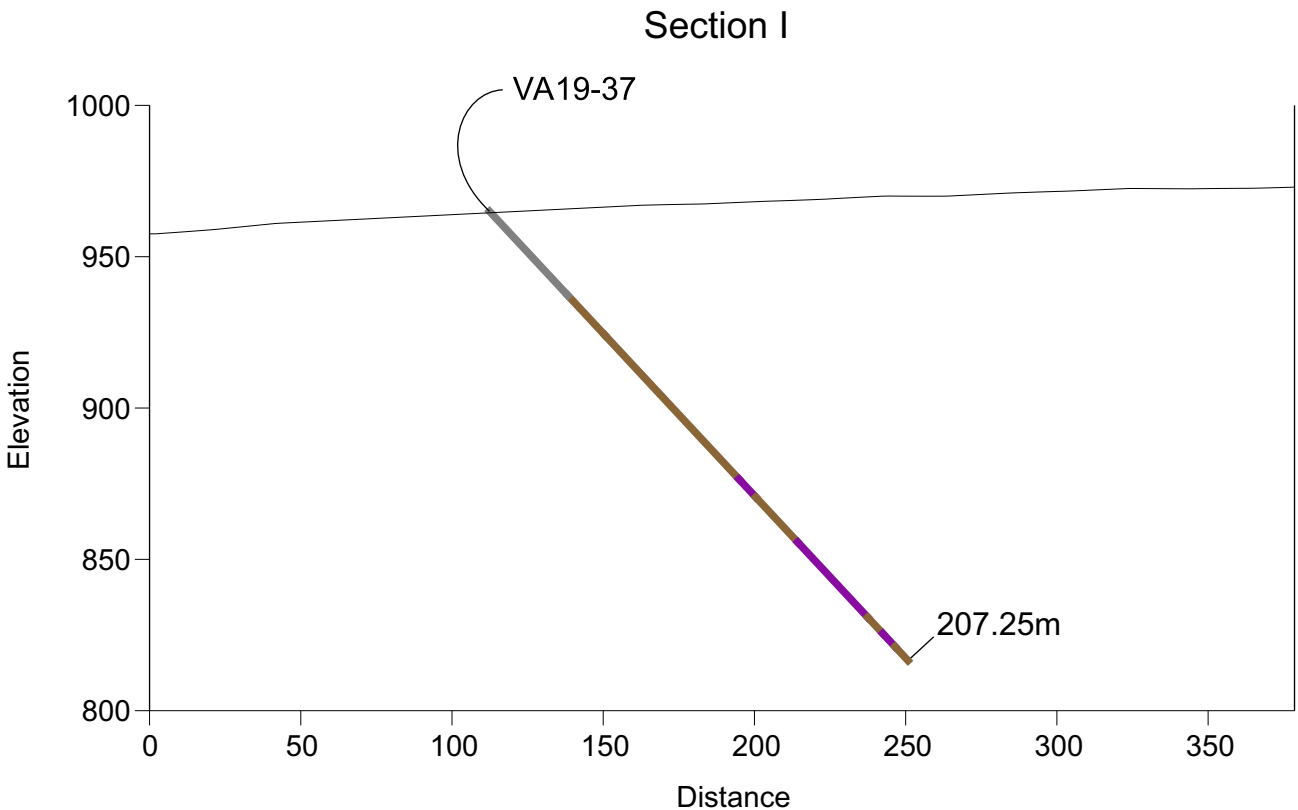
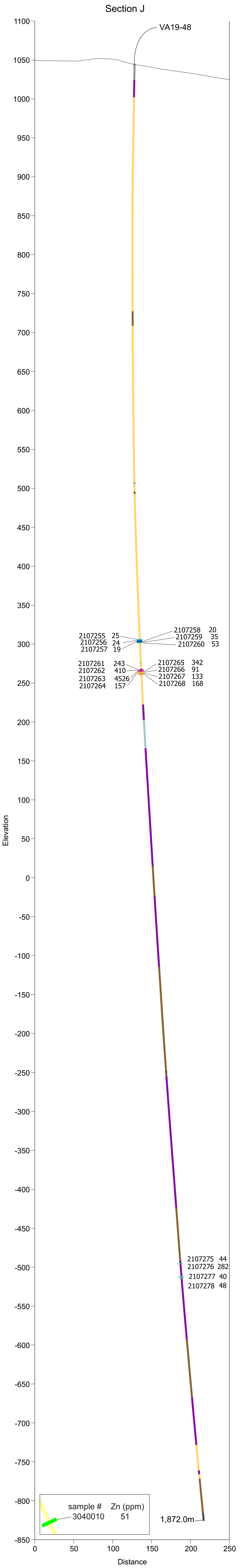
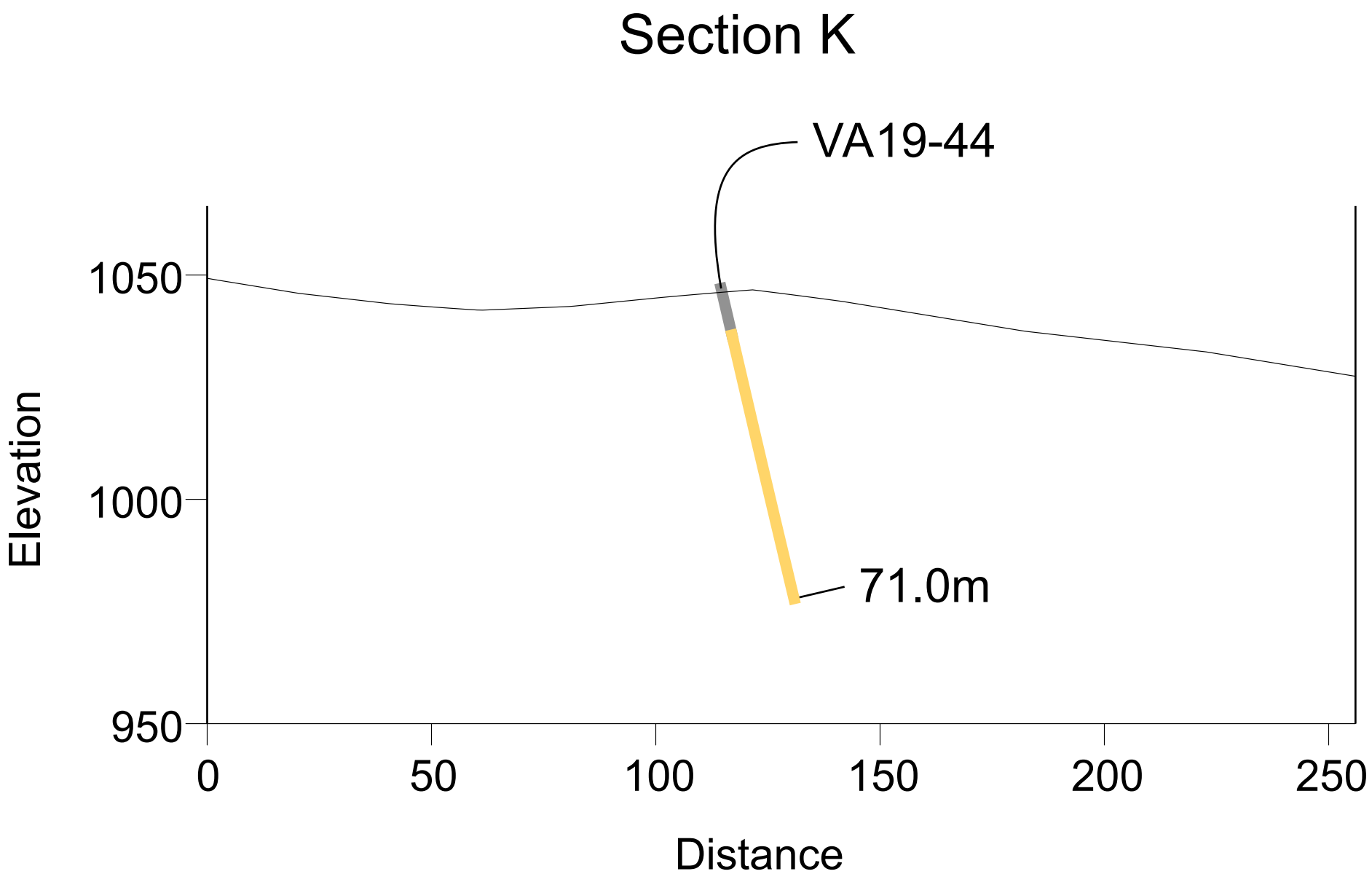
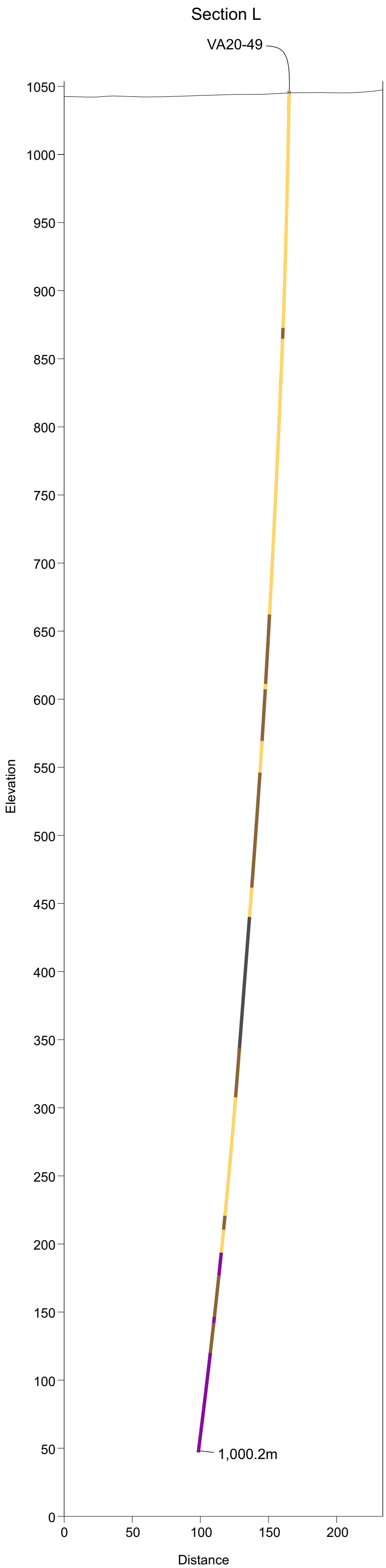
200
250
300
350
400
450


Section I
VA19-37
207.25m
1000
950
900
850
800
Elevation
0
50
100
150
200
250
300
350
Distance


Section J
VA19-48
2107255 25
2107256 24
2107257 19
2107258 20
2107259 35
2107260 53
2107261 243
2107262 410
2107263 4526
2107264 157
2107265 342
2107266 91
2107267 133
2107268 168
2107275 44
2107276 282
2107277 40
2107278 48
1,872.0m
sample # Zn (ppm)
3040010 51
Elevation
Distance


Section K
VA19-44
71.0m
1050
1000
950
Elevation
0
50
100
150
200
250
Distance



PJX Resources Inc.

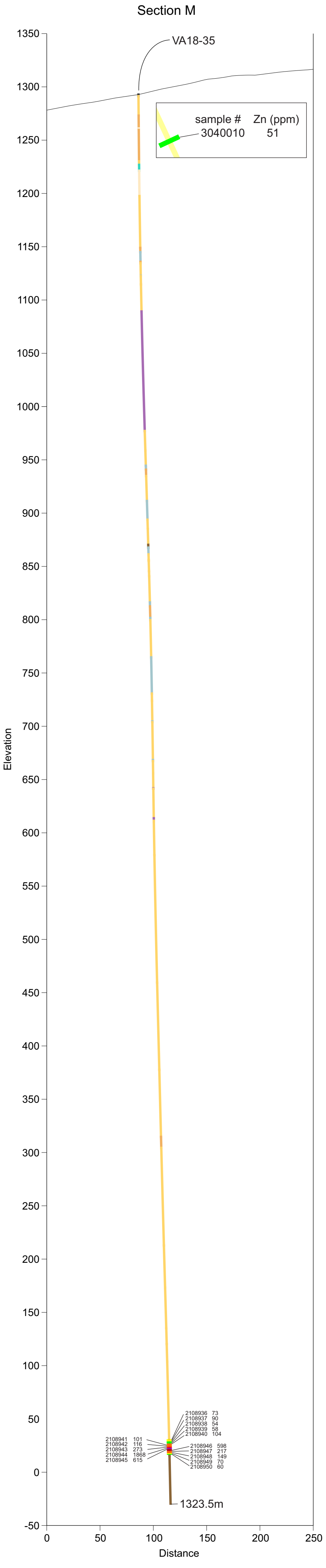
2018 - 2020 Drill Program
Vine Property

Fort Steele Mining Division
Southeastern British Columbia

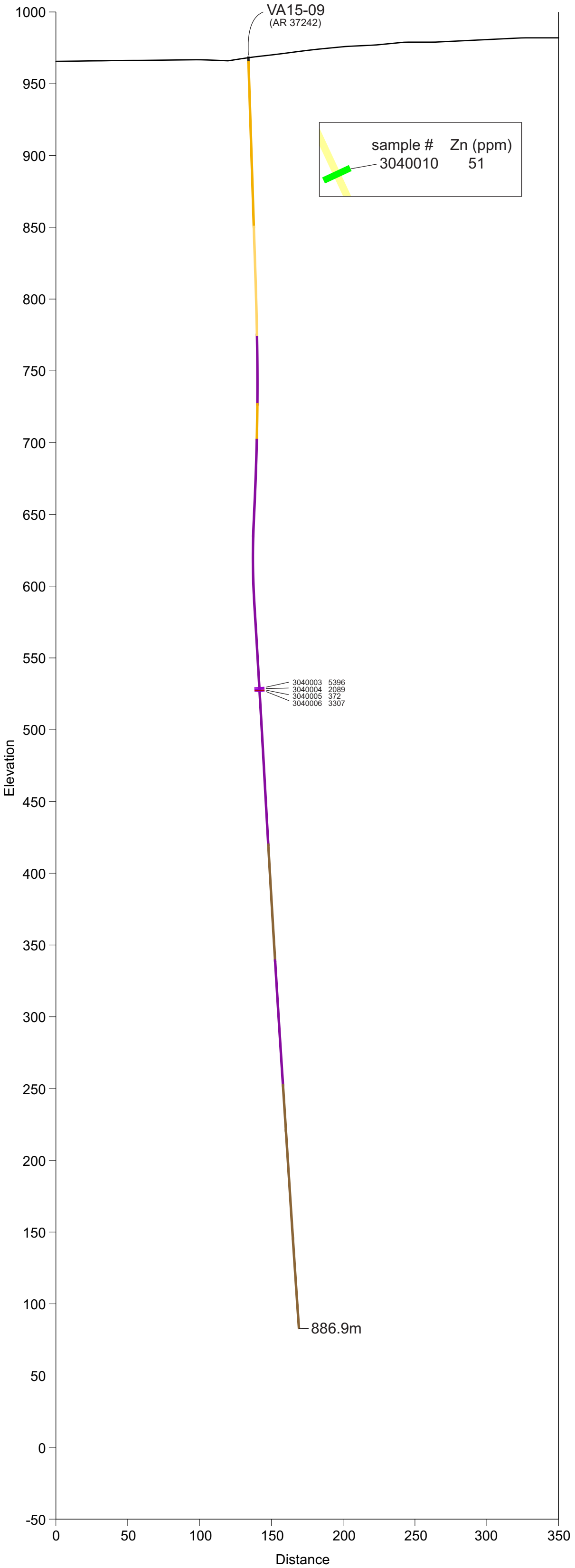
0 50 100 150
meters
scale 1:2500

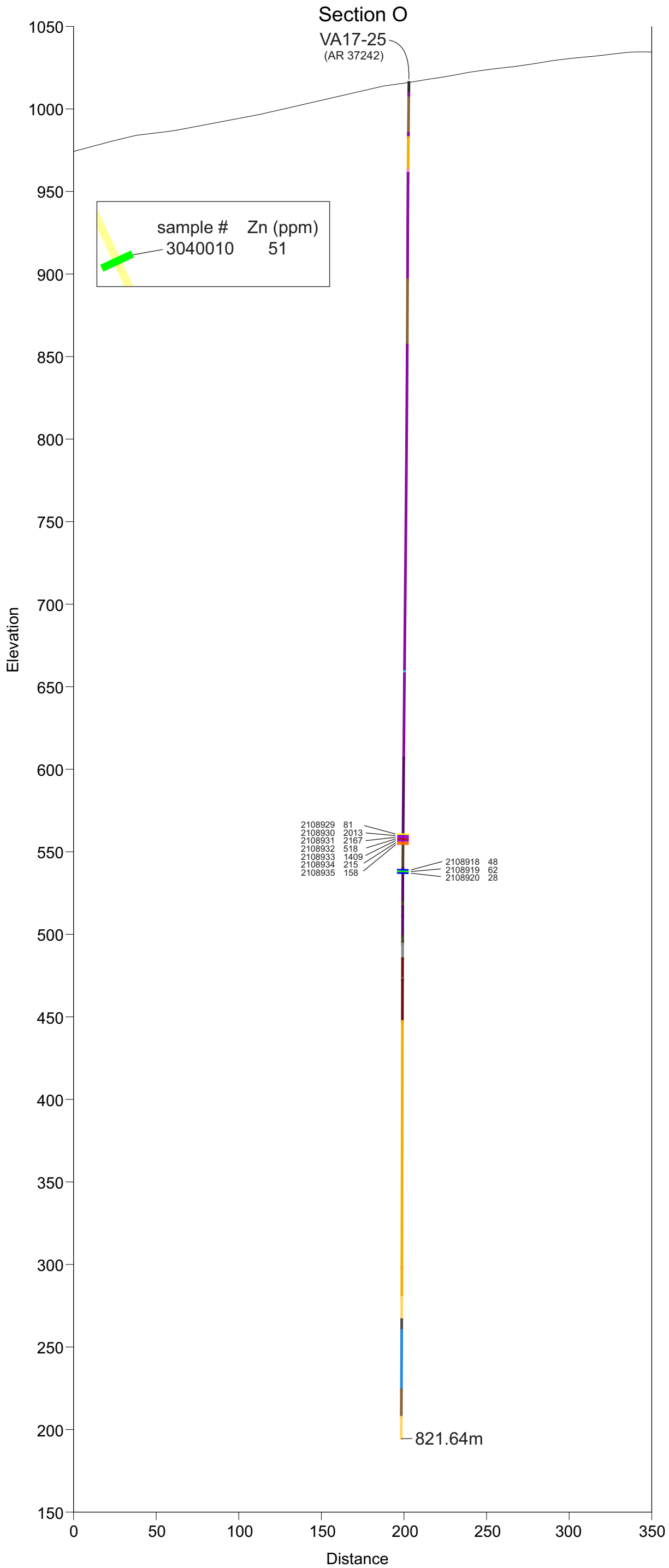
Lithology Keyword

- casing
- cored overburden
- argillite
- calcareous argillite
- chloritic phyllite
- phyllite
- phyllite sediments
- silicified phyllite
- phyllitic sediments
- phylonitic sediments
- phyllonite
- silty argillite
- silicified, sericitic phyllonite
- silicified sericitic phyllite
- siltstone
- silicified siltstone
- slumped siltstone
- sediments
- silicified sediments
- silicified brecciated sediments
- calcareous quartzite
- calcareous siltstone
- calcareous silty argillite
- metasediments
- quartzite
- marker
- limestone
- dolomite
- altered gabbro
- diorite
- gabbro
- sediment clasts in gabbro matrix
- mylonized gabbro
- phyllonitic gabbro
- phylonitic gabbro
- phyllonite gabbro
- phyllitic gabbro
- granophyric fragmental
- lamprophyre
- fragmental
- sedimentary fragmental
- siltstone fragmental
- fault rubble
- fault
- calcite vein
- massive sulphide quartz calcite vein
- crackle brecciated sediments
- propylitic alaskite dyke
- quartz mylonite
- quartz phyllite
- sericitic quartz

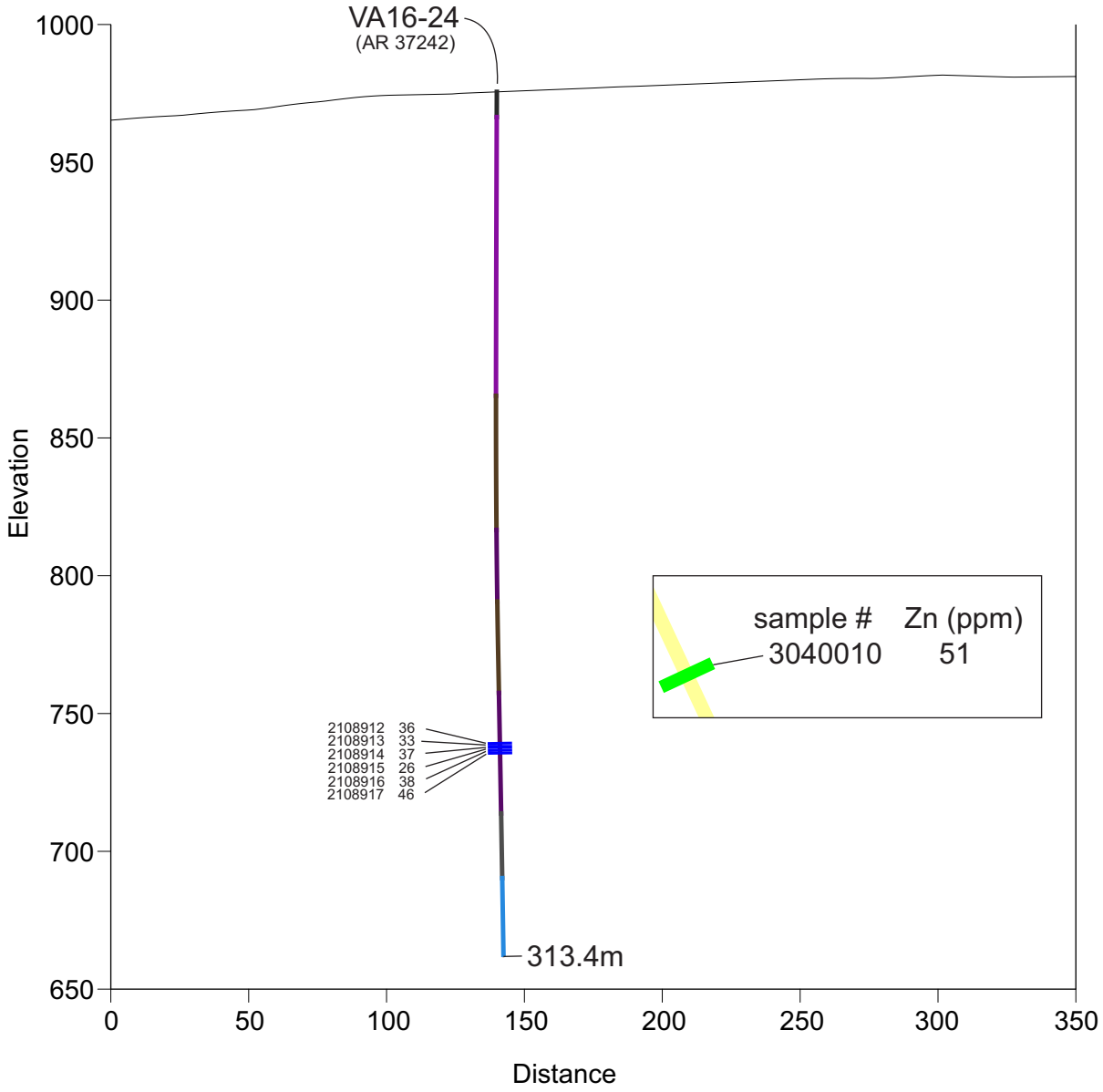

Section M
VA18-35
sample # Zn (ppm)
3040010 51
2108936 73
2108937 90
2108938 54
2108939 58
2108940 104
2108941 101
2108942 116
2108943 273
2108944 1868
2108945 615
2108946 598
2108947 217
2108948 149
2108949 70
2108950 60
1323.5m
Elevation
Distance
1350
1300
1250
1200
1150
1100
1050
1000
950
900
850
800
750
700
650
600
550
500
450
400
350
300
250
200
150
100
50
0
-50
0
50
100
150
200
250

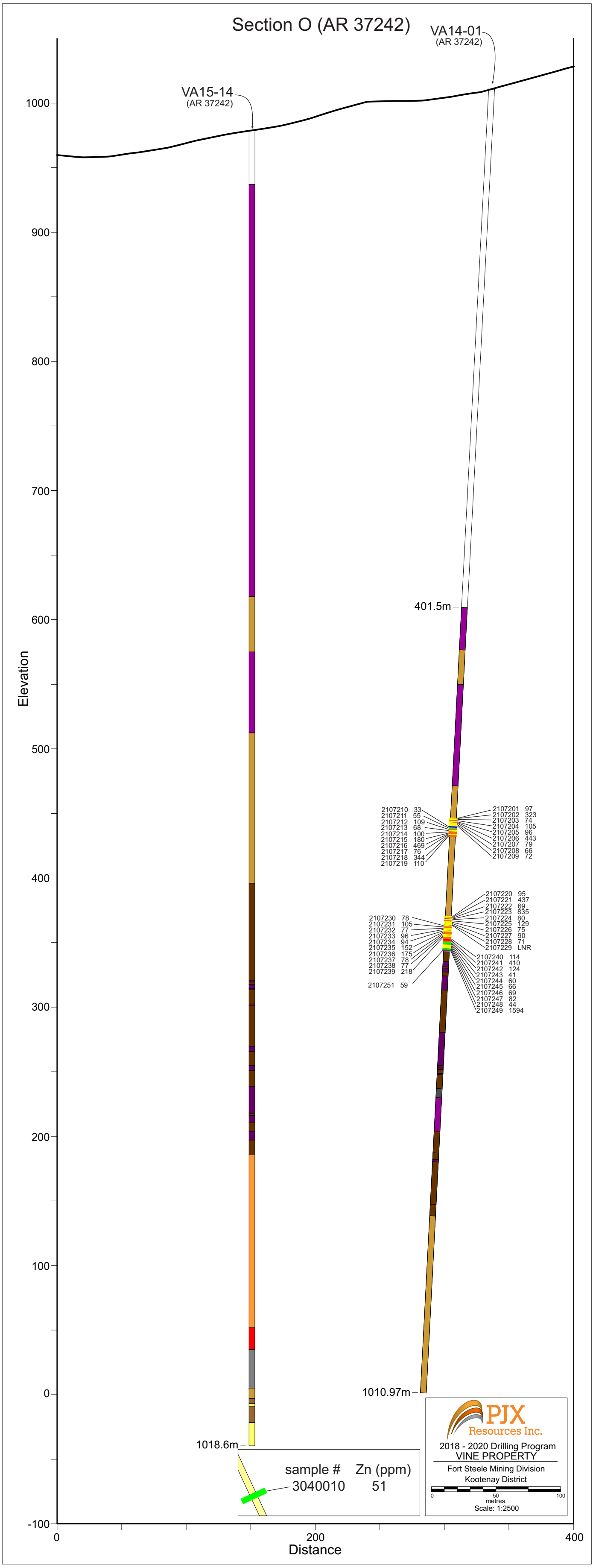
Section N


VA15-09
(AR 37242)
sample # Zn (ppm)
3040010 51
3040003 5396
3040004 2089
3040005 372
3040006 3307
886.9m
Elevation
Distance
1000
950
900
850
800
750
700
650
600
550
500
450
400
350
300
250
200
150
100
50
0
-50
0
50
100
150
200
250
300
350


Section O
VA17-25
(AR 37242)
sample # Zn (ppm)
3040010 51
2108929 81
2108930 2013
2108931 2167
2108932 518
2108933 1409
2108934 215
2108935 158
2108918 48
2108919 62
2108920 28
821.64m
Elevation
Distance
1050
1000
950
900
850
800
750
700
650
600
550
500
450
400
350
300
250
200
150
0
50
100
150
200
250
300
350

Section P


VA16-24
(AR 37242)
1000
950
900
850
800
750
700
650
Elevation
0
50
100
150
200
250
300
350
Distance
2108912 36
2108913 33
2108914 37
2108915 26
2108916 38
2108917 46
313.4m
sample # Zn (ppm)
3040010 51


Section O (AR 37242)
VA14-01
(AR 37242)
VA15-14
(AR 37242)
Elevation
1000
900
800
700
600
500
400
300
200
100
0
-100
401.5m
1010.97m
1018.6m
2107210 33
2107211 55
2107212 109
2107213 68
2107214 100
2107215 180
2107216 469
2107217 76
2107218 344
2107219 110
2107201 97
2107202 323
2107203 74
2107204 105
2107205 96
2107206 443
2107207 79
2107208 66
2107209 72
2107220 95
2107221 437
2107222 69
2107223 835
2107224 80
2107225 129
2107226 75
2107227 90
2107228 71
2107229 LNR
2107230 78
2107231 105
2107232 77
2107233 96
2107234 94
2107235 152
2107236 175
2107237 78
2107238 77
2107239 218
2107251 59
2107240 114
2107241 410
2107242 124
2107243 41
2107244 60
2107245 66
2107246 69
2107247 82
2107248 44
2107249 1594
sample # Zn (ppm)
3040010 51
PJX Resources Inc.
2018 - 2020 Drilling Program
VINE PROPERTY
Fort Steele Mining Division
Kootenay District
0 50 100
metres
Scale: 1:2500
0
200
400
Distance

Appendix 12: Petrography and archeology reports

Vancouver Petrographics Ltd.

8080 GLOVER ROAD, LANGLEY, B.C. V3A 4P9
PHONE (604) 888-1323 • FAX (604) 888-3642

PETROGRAPHIC REPORT ON 4 SAMPLES

Report for: John Keating, P.Geo. President and CEO,
PJX Resources Inc.
5600-100 King Street West
Toronto, ON M5X 1C9 (613) 791-9976

Invoice 190294

Aug. 16, 2019.

SUMMARY: Three samples of biotite-quartz altered gabbro from VA19-48 at 1074.5, 1149.0, and 1603 m depth, appear likely to represent "granophyre or "granofels" alteration due to intrusion of gabbroic sills into wet sediment and the resultant hydrothermal cell set up by circulation of heated formational water, as described for (and possibly unique to) the Sullivan horizon (Turner et al, 2000, in GAC-MDD Sullivan Volume, p.429-430). However, the significance of garnets in one of these altered gabbro samples is uncertain, although if they were demonstrated to be Mn-rich it might suggest a link to a brine pool setting akin to that demonstrated at Sullivan (see Slack et al., 2000, in GAC-MDD Sullivan Volume, p. 736-767). The sample of calcite-minor quartz-pyrrhotite lacks evidence of bedding (as described at Sullivan by Taylor et al., 2000, in GAC-MDD Sullivan Volume, p. 673-695) and thus appears likely to be a vein. Capsule descriptions are as follows:

VA19-48-865: probable calcite-minor quartz-pyrrhotite (±chalcopyrite)-amphibole-chlorite-epidote±allanite?-leucoxene?-"hydrobiotite"-biotite vein (evidence for exhalative origin, such as bedding in the carbonate, appears to be absent at the scale of the hand specimen).

VA19-48-1074.5: likely represents biotite-quartz (granofels) altered gabbro, possibly similar to the gabbro-granofels complex at Sullivan; the significance of the garnet is uncertain, but if it could be shown to be manganiferous like garnet peripheral to Sullivan, it might be important for exploration.

VA19-48-1149.0: probable biotite-quartz (granofels) altered gabbro with accessory ilmenite/sphene-apatite-pyrrhotite, possibly similar to the gabbro-granofels complex at Sullivan. Slight alteration to clay?/sericite-chlorite-Kspar occurs along thin epidote-chlorite veinlets/fractures.

VA19-48-1603: likely represents biotite-quartz (granofels) altered gabbro with accessory ilmenite/sphene-pyrrhotite-apatite, possibly similar to the gabbro-granofels complex at Sullivan. Slight alteration to clay?/sericite-chlorite-Kspar-trace carbonate occurs along thin epidote veinlets.

Detailed petrographic descriptions and photomicrographs are appended (by email attachment). If you have any questions regarding the petrography, please do not hesitate to contact me.

C.H.B. Leitch, P.Eng.

Craig H.B. Leitch, Ph.D., P. Eng. (250) 538-1900 dromore61@gmail.com
124 Vesuvius Bay Road, Salt Spring Island, B.C. Canada V8K 1K3

PETROGRAPHIC REPORT ON 2 SAMPLES FROM VINE PROPERTY

Report for: John Keating, P.Geo. President and CEO, Invoice 200119
PJX Resources Inc.
5600-100 King Street West
Toronto, ON M5X 1C9 ((613) 791-9976 Mar. 23, 2020.

SUMMARY:

These two samples appear to show variably altered (biotite hornfelsed or quartz-sericite altered) Aldridge sediments associated with bands parallel to bedding of more strongly (quartz-epidote-pyrrhotite-muscovite-chlorite-garnet-amphibole-trace carbonate-sphene, or biotite/phlogopite-plagioclase-pyrrhotite-trace chalcopyrite-allanite?-chlorite) altered rock, cut by thin veinlets of carbonate or secondary biotite-pyrrhotite-chlorite ±Kspar.

Capsule descriptions are as follows:

VA20-50-639.6: possibly hornfelsed Aldridge (quartz-plagioclase-biotite ±pyrrhotite-sphene) altered to quartz-epidote-pyrrhotite-muscovite-chlorite-garnet-amphibole-carbonate-sphene in a band parallel to bedding.

VA20-50-645.5: this appears to be Aldridge sediment silicified (?) or altered to quartz-sericite, in association with bands of alternately biotite/phlogopite or plagioclase, local pyrrhotite ±chalcopyrite-allanite?-chlorite bearing rock, cut by thin veinlets of secondary biotite-pyrrhotite-chlorite ±Kspar.

Detailed petrographic descriptions and photomicrographs are appended (by email attachment). If you have any questions regarding the petrography, please do not hesitate to contact me.

Craig H.B. Leitch, Ph.D., P. Eng. (250) 538-1900 dromore61@gmail.com
124 Vesuvius Bay Road, Salt Spring Island, B.C. Canada V8K 1K3

VA20-50-639.6: POSSIBLY HORNFELSED ALDRIDGE (QUARTZ-PLAGIOCLASE-BIOTITE ±PYRRHOTITE-SPHENE) ALTERED TO QUARTZ-EPIDOTE-PYRRHOTITE-MUSCOVITE-CHLORITE-GARNET-AMPHIBOLE-CARBONATE-SPHENE IN BED-PARALLEL BAND

Described as from Aldridge sediments, Vine property; hand specimen shows very fine-grained, massive to faintly bedded, dark brown Aldridge sediment cut by a 4 cm wide band of pale greenish-buff, pyrrhotite-rich rock of uncertain derivation (altered sediment or possibly thin sill?). The rock is strongly magnetic in the band (but not the host sediment), shows no reaction to cold dilute HCl (essentially unscratched by steel), and no stain for K-feldspar in the etched offcut (but shows extensive white etch for plagioclase in both the band and the host sediment). Modal mineralogy in polished thin section is approximately:

Pale-coloured band		Host sediment	
Quartz (partly secondary?)	45%	Quartz (detrital?)	45%
Epidote (clinozoisite?)	35%	Plagioclase (oligoclase?	30%
Pyrrhotite	10%	Biotite	20%
Muscovite, sericite	3-5%	Pyrrhotite	2%
Chlorite (partly after amphibole?)	2-3%	Epidote (marginal zone only)	1-2%
Garnet (sieve-textured)	1-2%	Sericite (marginal zone, after biotite?)	<1%
Amphibole (actinolitic hornblende?)	1-2%	Sphene (accessory)	<1%
Carbonate, trace accessory sphene	<1%		

This sample can be divided into two parts, the very fine-grained host Aldridge sediment (quartz-plagioclase-biotite-accessory pyrrhotite ±sphene) altered at its margin to minor epidote-sericite) and the strongly altered band (quartz-epidote-pyrrhotite-local muscovite/sericite-chlorite-amphibole-garnet-trace carbonate, sphene).

In the host sediment, quartz and plagioclase both forming randomly oriented, sub/anhedra mainly <0.1 mm are indistinguishable in thin section, but plagioclase is clearly indicated in etched offcut as minute white flecks visible with a hand lens. They are mixed with lesser biotite (randomly oriented, sub- to euhedral flakes also mostly <0.1 mm in size, with medium brown pleochroism). Accessory pyrrhotite is partly associated with biotite as subhedra rarely over 0.1 mm, plus traces of sphene (subhedra <50 µm) that may include traces of allanite or Ce-rich epidote suggested by radiation-damaged dark pleochroic haloes in some adjacent biotite. As the pale-coloured altered band is approached, an intervening marginal band <1 cm thick is developed in which biotite is partly replaced by minor epidote (possible zoisite; only anomalous bluish or low first-order interference colours noted in subhedra rarely over 50 µm) and lesser sericite (euhedral flakes <35 µm).

In the altered band, quartz mostly forms interlocking, randomly oriented sub/anhedra <0.2 mm, with a secondary appearance (likely recrystallized and coarsened from the host rock) except where organized into poorly defined clots and veinlets mostly <1 mm thick sub-parallel to bedding, where the crystals may be sub/euhedral, up to 0.5 mm in size; they are closely associated with most of the pyrrhotite (blebs to ~2 mm of interlocking subhedra mainly <0.5 mm), local garnet (sieve-textured subhedra to 1.5 mm, isotropic, unzoned) and minor carbonate (subhedra <0.1 mm, possibly dolomite or ankerite?) plus traces of sphene (euhedra <35 µm). Plagioclase appears to be absent, in spite of the small white flecks visible with a hand lens in the etched offcut, suggesting that epidote forming interlocking sub/euhedral crystals mostly <0.25 mm has mostly replaced plagioclase. The epidote-group mineral has low anomalous blue to normal moderate birefringence, suggestive of clinozoisite (?). It is locally intergrown with very minor dark green amphibole as scattered subhedra mostly <0.25 mm long, with random orientations. Darker-coloured patches in the band contain local muscovite (ragged subhedral flakes <0.5 mm) and chlorite (similar habit, almost colourless, near-zero to length-fast anomalous green birefringence suggestive of F:M 0.4-0.5?) plus traces of carbonate (as above). Traces of carbonate also occur along hairline veinlets <25 µm thick.

In summary, this is possibly hornfelsed Aldridge (quartz-plagioclase-biotite ±pyrrhotite-sphene) altered to quartz-epidote-pyrrhotite-muscovite-chlorite-garnet-amphibole-carbonate-sphene in a band parallel to bedding.

VA20-50-645.5: ALDRIDGE SEDIMENT SILICIFIED?/ALTERED TO QUARTZ-SERICITE, WITH BANDS OF ALTERNATELY BIOTITE/PHLOGOPITE OR PLAGIOCLASE, LOCAL PYRRHOTITE ±CHALCOPYRITE-ALLANITE?-CHLORITE BEARING ROCK, CUT BY THIN VEINLETS OF SECONDARY BIOTITE-PYRRHOTITE-CHLORITE-KSPAR.

Described as from Aldridge sediments, Vine property; hand specimen shows very fine-grained, bedded/laminated, dark grey brown Aldridge sediment with a 2 cm wide band of dark brown/black, pyrrhotite-rich rock of uncertain derivation (altered sediment?), cut by thin dark brown veinlets with minor sulfide sub-perpendicular to bedding. The rock is magnetic in the band, shows no reaction to cold dilute HCl (only scratched by steel in the band), and only trace yellow stain for K-feldspar in the etched offcut (along veinlets; minor white etch for plagioclase in the band, possibly very fine-grained in the host sediment). Modal mineralogy in polished thin section is approximately:

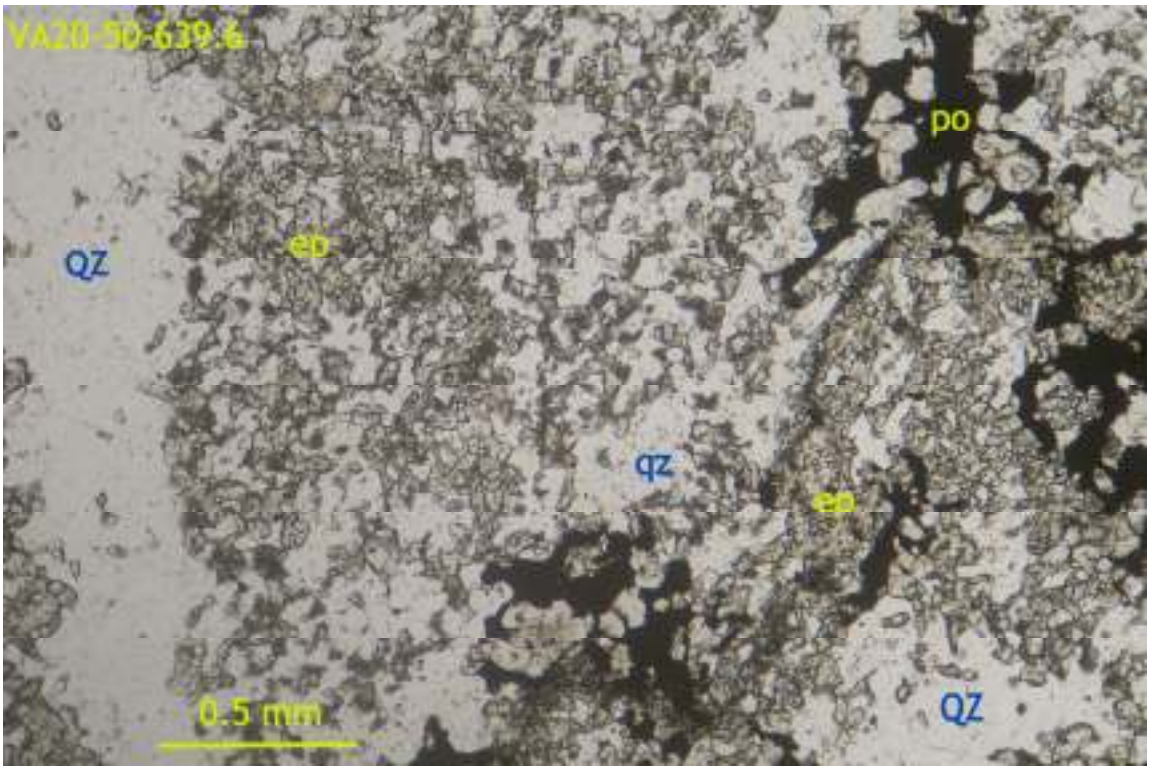
Quartz (partly secondary?)	45%
Plagioclase (certain altered bands only; oligoclase-andesine?)	20%
Biotite (grading to phlogopite?)	20%
White mica (sericite, muscovite)	10%
Pyrrhotite, trace chalcopyrite	2-3%
Ilmenite (altered to sphene along veinlets)	1-2%
Allanite (?) altered band only	<1%
Chlorite (after biotite, in sulfide clots/along veinlets)	<1%
K-feldspar (along veinlets only)	<1%

This sample consists of fine, possibly partly secondary, quartz-lesser plagioclase?-minor white mica-biotite-accessory ilmenite, with a bed-parallel band of biotite grading to phlogopite, alternating with plagioclase, plus blebby pyrrhotite-accessory allanite (?)-chlorite, cut by thin veinlets of biotite ±chlorite, pyrrhotite, and sphene.

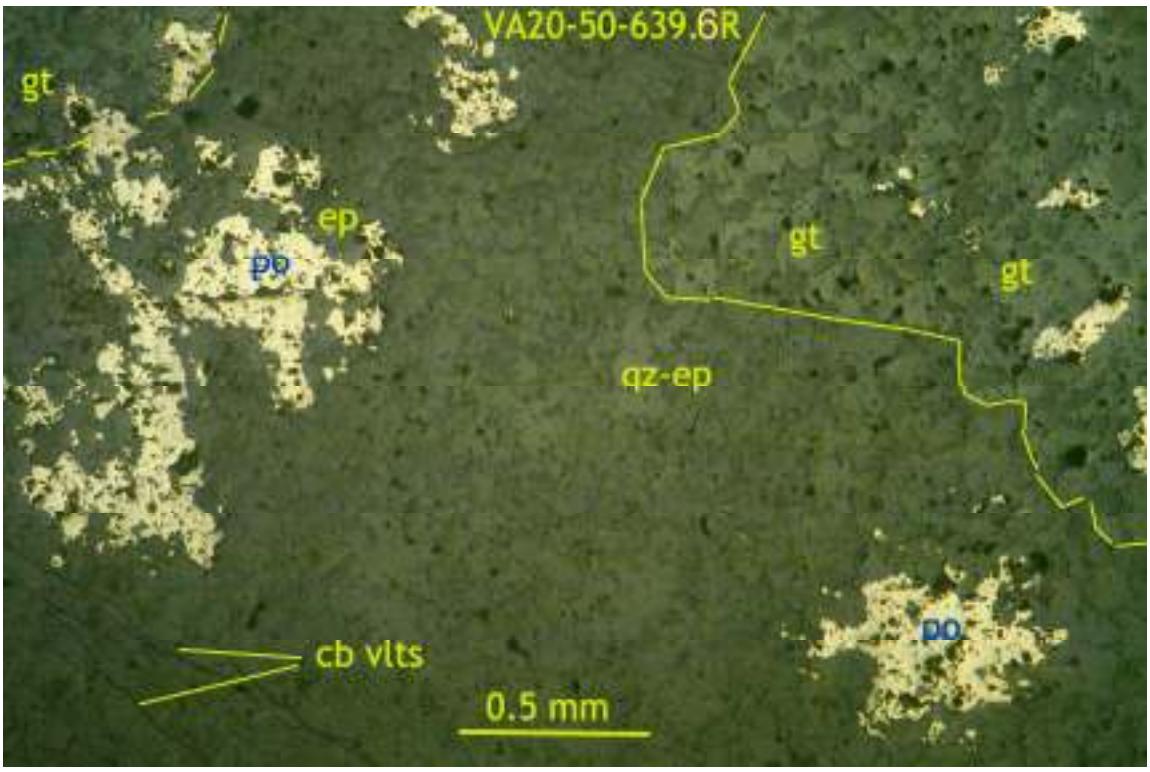
The bulk of the slide is mostly fine-grained quartz (randomly oriented, tightly interlocking, sub/anhedra mainly <0.1 mm) difficult to distinguish from what may be finer-grained (<50 µm) anhedral, interstitial plagioclase (?) possibly indicated by slightly negative relief compared to the quartz, (white etched grains in the offcut). There is minor sericite as randomly oriented, sub- to euhedral flakes mostly <65 µm, some of which may be after biotite which occurs as similar sized, randomly oriented sub/euhedral flakes with pale brown pleochroism. Accessory ilmenite forms stubby subhedra mainly <50 µm in size. Sulfide is essentially absent in this portion of the sample.

In the coarser-grained, altered and sulfide-rich band, thin bands of alternately mica- or plagioclase-rich (variable pyrrhotite content are up to about 4 mm thick. In the former, randomly oriented, closely packed sub- to euhedral flakes of biotite (pale brown pleochroism) grading to phlogopite (almost colourless to faintly brownish pleochroism) up to 0.6 mm make up the bulk of the band. In the latter, plagioclase as rounded sub/anhedra mainly <0.25 mm, with local poor zoning and/or twinning (extinction on 010 to ~20º, relief possibly about the same as that of quartz suggesting composition near oligoclase-andesine?) is mixed with lesser biotite/phlogopite. Both bands contain variable pyrrhotite as ragged blebs or aggregates to ~2 mm of subhedra <0.5 mm (rarely with trace chalcopyrite as subhedra <0.2 mm). Locally, what appears to be allanite (?) forms sub- to euhedral crystals up to 0.6 mm long with pale red-brown pleochroic cores and faintly green rims, marked by distinct dark radiation-damaged pleochroic haloes in adjacent biotite or phlogopite. The sulfide aggregates are in part associated with minor alteration of biotite to chlorite (subhedral flakes to 0.2 mm, F:M as for the sample at 639.6m) and secondary quartz to 0.3 mm. Along the thin veinlets (<0.25 mm thick, sub-perpendicular or oblique to bedding), similar alteration of secondary biotite (subhedral flakes <0.15 mm, clearly developed along the veinlet) to chlorite occurs, locally associated with minor pyrrhotite and trace chalcopyrite (aggregates <1 mm of subhedra smaller than described above), plus traces of K-feldspar (secondary, anhedra <0.2 mm, likely after plagioclase?).

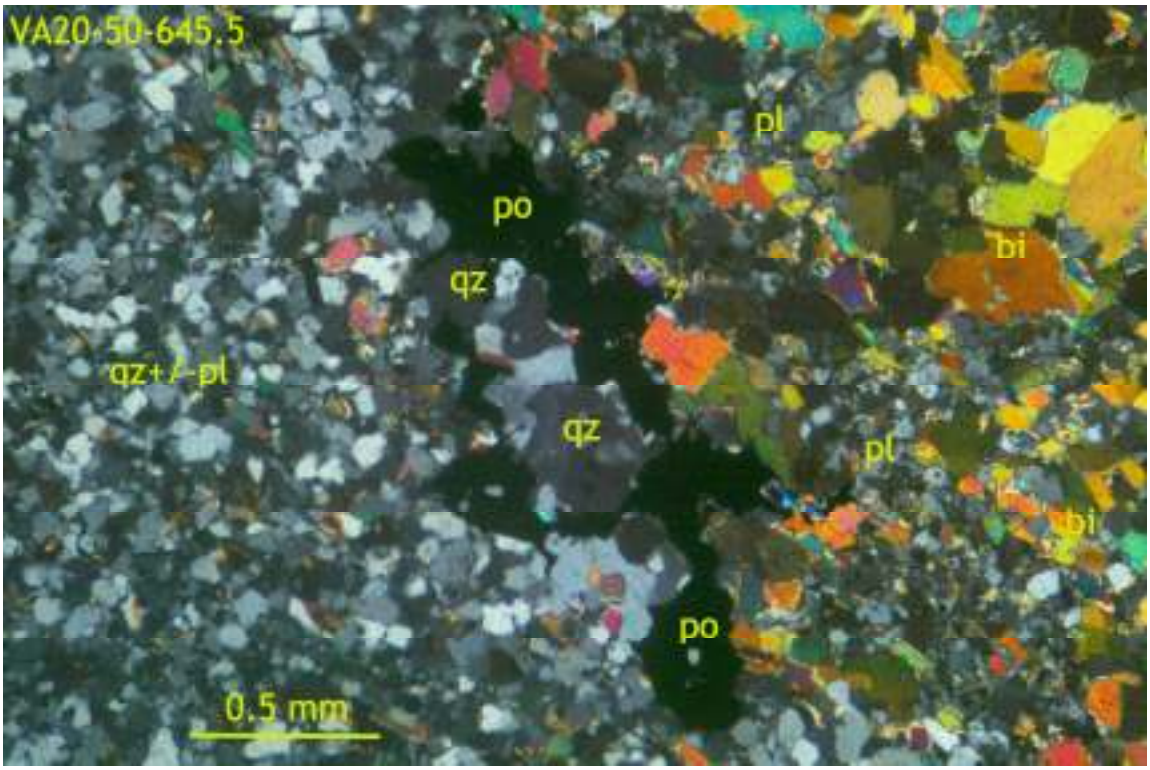
In summary, this appears to be Aldridge sediment silicified (?) or altered to quartz-sericite, in association with bands of alternately biotite/phlogopite or plagioclase, local pyrrhotite ±chalcopyrite-allanite?-chlorite bearing rock, cut by thin veinlets of secondary biotite-pyrrhotite-chlorite-Kspar.



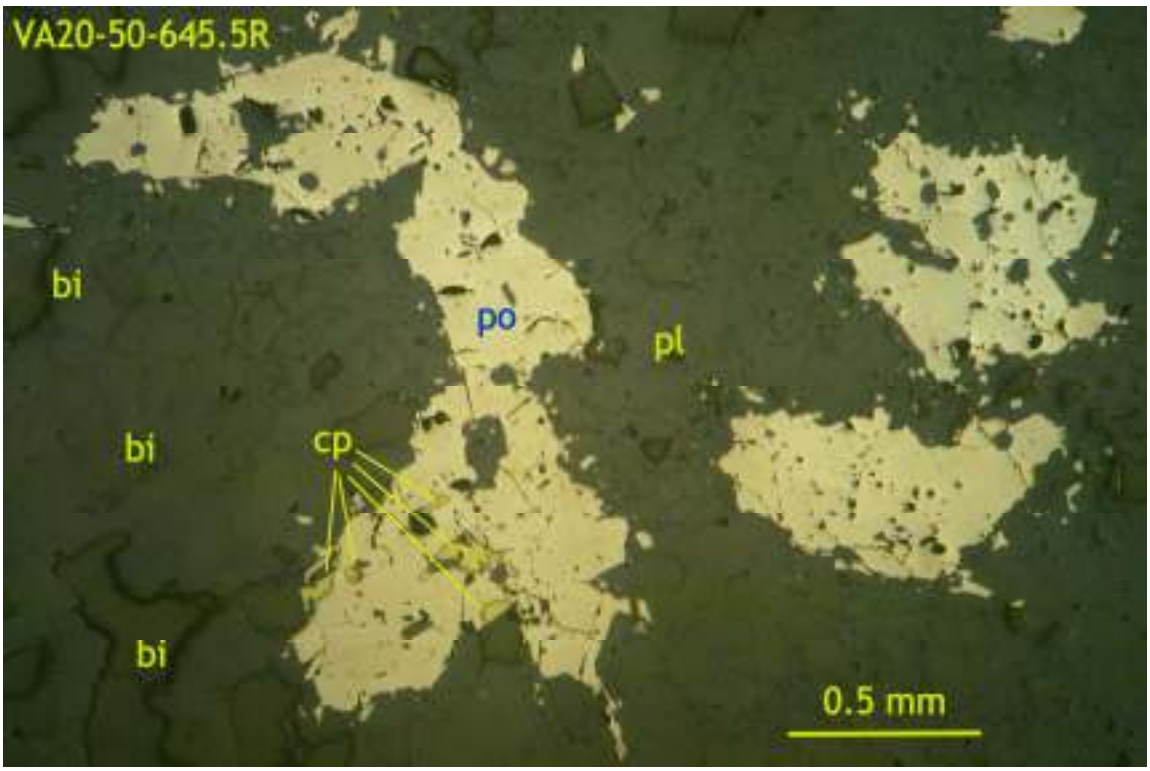
VA20-50-639.6: altered band composed mainly of fine-grained, largely secondary, quartz (qz) and granular epidote (ep) associated with pyrrhotite (opaque); note quartz partly organized into coarser-grained veins (QZ). Transmitted plane light, field of view ~3 mm wide.



VA20-50-639.6R: irregular blebs of pyrrhotite (po) associated with epidote (ep) and local sieve-textured garnet (gt), traces of sphene (sp), in a matrix of finer-grained epidote and quartz, cut by thin fracture veinlet of carbonate (cb). Reflected light, uncrossed polars, field of view~3 mm wide.



VA20-50-645.5: contact between very fine-grained, quartz-lesser plagioclase-minor sericite (after biotite?)-accessory ilmenite (opaque) rock on left, with band of coarser, biotite (bi)-minor plagioclase rich rock on right; note irregular pyrrhotite (opaque, po)-quartz aggregate along contact. Transmitted light, crossed polars, field of view ~3 mm wide.



VA20-50-645.5R: irregular aggregates of pyrrhotite (po)-trace chalcopyrite (cp) associated with contact between biotite-rich band (bi, at left) and plagioclase-rich band (pl, on right). Reflected light, uncrossed polars, field of view ~3 mm wide.

Overview of thin sections and offcuts (blue semi-circles mark photomicrograph locations).

PETROGRAPHIC REPORT ON 2 SAMPLES FROM VINE PROPERTY

Report for: John Keating, P.Geo. President and CEO, Invoice 210234
PJX Resources Inc.
5600-100 King Street West
Toronto, ON M5X 1C9 ((613) 791-9976 July 5, 2021.

SUMMARY:

These two samples appear to show meta-diabase (fine Moyie gabbro partly altered to chlorite-epidote-sericite-calcite-Kspar) and adjacent variably altered (granofelsic, or biotite-quartz hornfelsed) Aldridge sediments; both contain amphibole, accessory pyrrhotite (trace chalcopyrite) and sphene, local apatite. The former is cut by thin veinlets of carbonate ±Kspar or albite with which alteration is associated.

Capsule descriptions are as follows:

VA21-52-906.0: appears to represent meta-diabase (fine Moyie gabbro) composed of amphibole-plagioclase-minor quartz-accessory sphene-pyrrhotite, altered to chlorite-epidote-sericite-carbonate-Kspar associated with veinlets of carbonate-Kspar, later albite.

VA21-52-902.4: appears to represent fine-grained granofels (baked wet sediment at the margin of Moyie sill), composed of partly granoblastic biotite-quartz-amphibole-plagioclase (altered to epidote-sericite-calcite)-minor carbonate-accessory pyrrhotite (trace chalcopyrite)-sphene (trace ilmenite)-apatite.

Detailed petrographic descriptions and photomicrographs are appended (by email attachment). If you have any questions regarding the petrography, please do not hesitate to contact me.

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124 Vesuvius Bay Road, Salt Spring Island, B.C. Canada V8K 1K3

VA21-52-906.0: META-DIABASE (FINE MOYIE GABBRO) COMPOSED OF AMPHIBOLE-PLAGIOCLASE-MINOR QUARTZ-ACCESSORY SPHENE-PYRRHOTITE, ALTERED TO CHLORITE-EPIDOTE-SERICITE-CARBONATE-KSPAR ASSOCIATED WITH VEINLETS OF CARBONATE-KSPAR, LATER ALBITE

Hand specimen shows fine-grained, dark brownish grey rock of uncertain derivation with local white crystals <2 mm in size (likely blastic calcite), altered to slightly paler, greenish-grey colour near and along a network of thin fractures, some of which are partly filled with white calcite (and/or local Kspar). The rock is weakly magnetic, barely scratched by steel, shows local rapid reaction to cold dilute HCl, and common white etch for plagioclase (in the body of the rock, and in thin veinlets) but only minor yellow stain for K-feldspar in the etched offcut (along fractures, therefore secondary). Modal mineralogy in polished thin section is approximately:

Amphibole (slightly altered to epidote, chlorite)	40%
Plagioclase (relict, altered to sericite-epidote)	25%
Chlorite (possibly mainly after biotite, traces of which remain)	10%
Epidote (after plagioclase, and amphibole)	5%
Sericite (after plagioclase)	5%
Carbonate (along fractures and blastic; mainly calcite?)	3-5%
Quartz (interstitial, likely primary)	3-5%
K-feldspar (mainly secondary, near/along fractures)	2-3%
Albite (in veinlets, secondary)	1-2%
Pyrrhotite (with trace chalcopyrite)	2%
Sphene (rare inclusions of ilmenite)	1%

This sample consists of fine-grained relict plagioclase (sericite-epidote altered)-amphibole (altered to epidote/chlorite, plus former biotite mostly pseudomorphed by chlorite), with interstitial quartz and accessory sphene and sulfides, cut by fractures of Kspar-carbonate and later veinlets of albite.

In the body of the rock, amphibole forms randomly oriented, interlocking ragged sub/euhedral laths mainly <1mm long (local aggregates to ~2 mm, especially where intergrown with chlorite probably after biotite), associated with accessory sphene and sulfides. Amphibole shows pale green pleochroism and fibrous nature suggestive of actinolitic hornblende; chlorite forms flakes or booklets to 0.5 mm with distinct green pleochroism/anomalous blue, length-slow birefringence (F:M 0.6-0.7?). The abundance of mafic minerals strongly suggests fine-grained meta-diabase or "gabbro" of the Moyie intrusions. Relict plagioclase sites are interstitial to the network of amphibole laths, forming sub/anhedra mainly <0.5 mm that are typically moderately/strongly altered to variable mixtures of sericite (subhedral flakes 25-45 µm, partly along cleavage) and epidote (sub/euhedra to 0.2 mm, colourless, could be clinozoisite?) and possible Kspar (see below); remnant plagioclase does not show twinning and relief against quartz is difficult to evaluate, so composition is unknown (but albite is likely present in veins). Quartz forms ragged sub/anhedra mainly <0.25 mm interstitial to amphibole/plagioclase, typical of quartz-bearing varieties of the Moyie sills. Sphene is ubiquitous, forming sub/euhedra mainly <0.15 mm, in part associated with sulfides that are mainly pyrrhotite (sub/euhedra mainly <0.25 mm, local aggregates to 0.5 mm, rarely associated with traces of chalcopyrite <50 µm). Some sulfide is associated with the coarse, somewhat blastic carbonate (rounded sub/anhedra to ~2 mm, likely mainly calcite?)

Alteration is somewhat cryptic (poorly defined) but appears to comprise chlorite-epidote-sericite-carbonate-Kspar, apparently controlled along sub-planar fracture veinlets mostly <0.5 mm thick variably filled with carbonate (subhedra <0.25 mm, partly/mainly calcite?) and alkali feldspar (Kspar sub/euhedra <0.2 mm, apparently cut by later albite veinlets to 2 mm with comb-textured sub- to euhedral laths showing comb texture and central vugs).

In summary, this appears to represent meta-diabase (fine Moyie gabbro) composed of amphibole-plagioclase-minor quartz-accessory sphene-pyrrhotite, altered to chlorite-epidote-sericite-carbonate-Kspar associated with veinlets of carbonate-Kspar, later albite.

VA21-52-902.4: FINE-GRAINED GRANOFELS (BAKED WET SEDIMENT AT THE MARGIN OF MOYIE SILL), COMPOSED OF PARTLY GRANOBLASTIC BIOTITE-QUARTZ-AMPHIBOLE-PLAGIOCLASE (ALTERED TO EPIDOTE-SERICITE-CALCITE)-MINOR CARBONATE-ACCESSORY PYRRHOTITE (TRACE CHALCOPYRITE)-SPHENE (TRACE ILMENITE)-APATITE

Hand specimen shows very fine-grained (massive, homogeneous-looking) dark blackish brown rock of uncertain derivation, locally with small (<1 mm) white dots that are likely carbonate crystals as described in the previous sample. The rock is slightly magnetic, readily scratched by steel, shows pervasive trace reaction to cold dilute HCl (especially the white dots), and common white etch for plagioclase but only faint yellow stain, probably indicating biotite rather than Kspar in the etched offcut. Modal mineralogy in polished thin section is approximately:

Biotite (porphyroblastic/granofelsic?)	40%
Quartz (detrital and/or secondary, granofelsic?)	20%
Amphibole (actinolitic hornblende?)	15%
Plagioclase (slightly altered to epidote, sericite, calcite)	15%
Carbonate (mainly calcite?)	3-5%
Pyrrhotite, trace chalcopyrite	1-2%
Sphene (rare minute inclusions of ilmenite)	1-2%
Epidote (after plagioclase)	1-2%
Sericite (after plagioclase)	1-2%
Apatite (accessory?)	<1%

This sample consists of granoblastic/granofelsic textured biotite-quartz-amphibole-plagioclase (altered to epidote-sericite-calcite) and variable carbonate, accessory pyrrhotite, sphene and apatite; fracture veinlets are scarce and cryptic in nature. It may represent the baked margin of a gabbro or diabase sill (such as the sample from 906.0), intruded into wet sediment.

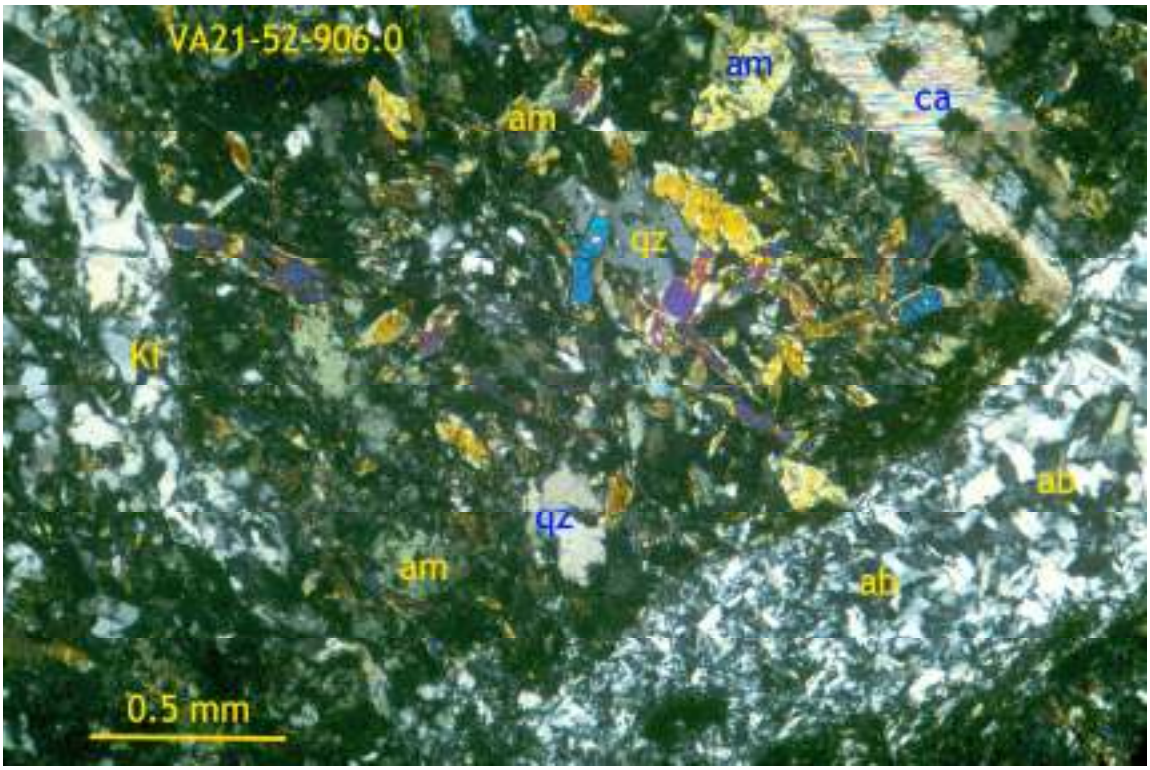
Biotite occurs in bimodal form, first relatively coarse porphyroblastic crystals (rounded subhedra up to 2.25 mm diameter, with random orientations and common inclusions of quartz or locally plagioclase up to 0.4 mm), and second, fine-grained randomly oriented euhedral flakes mostly <0.2 mm, in the matrix.

Quartz is more sporadically distributed, forming rounded to irregular sub- to anhedral crystals or small aggregates mostly <0.45 mm in size; the crystals show mild strain (undulose extinction, but essentially little sub-grain development, rare suturing of grain boundaries) and are mixed with lesser plagioclase forming sub- to anhedral crystals mainly <0.25 mm with possibly positive relief against quartz (implying relatively calcic composition, although extinction angles are difficult to measure in the poorly formed crystals) and partly altered to variable mixtures of epidote (sub/euhedral laths up to 0.2 mm long lacking distinct colour, so possibly clinozoisite?), sericite (subhedral randomly oriented flakes <25 μm) and calcite (subhedra mainly <35 μm).

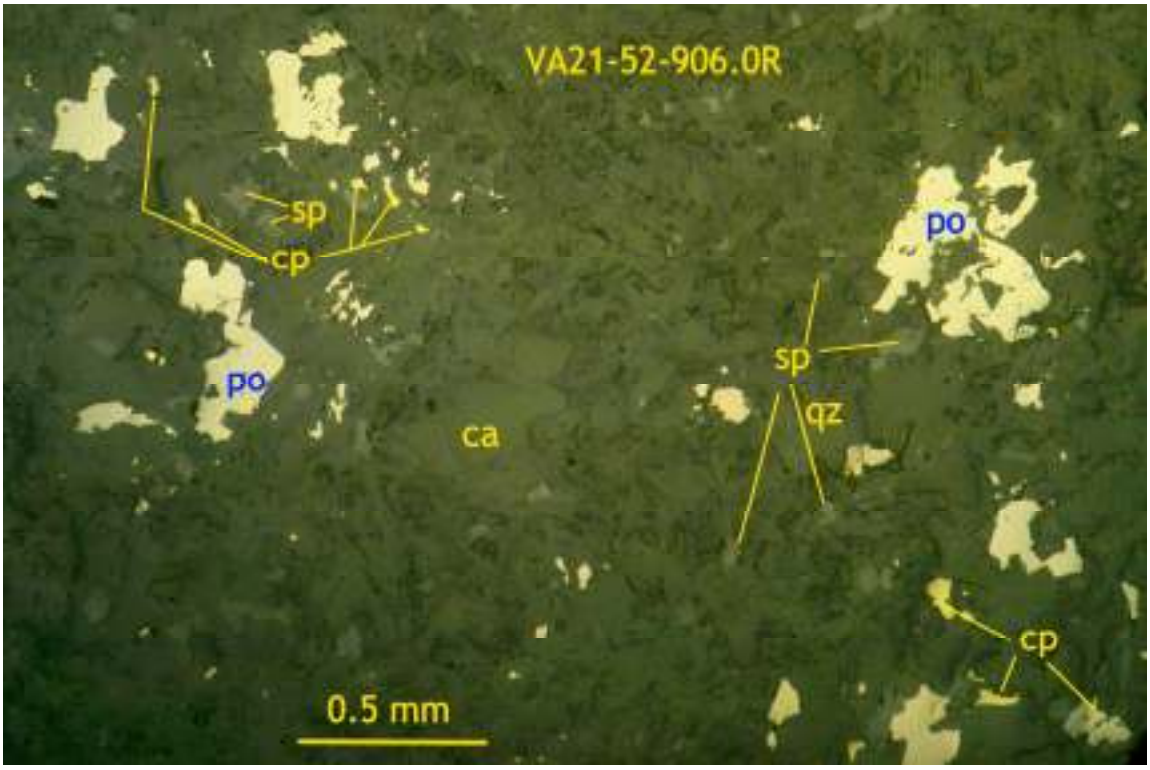
Amphibole commonly mixed with the biotite forms stubby subhedral tabular/lath-like crystals mainly <0.7 mm long, with random orientations, and medium sea-green pleochroism suggestive of actinolitic hornblende (?); they seem virtually unaltered. Carbonate occurs mainly as scattered irregular small blastic crystals rarely over 1 mm in diameter, likely mainly calcite. In a few cases the carbonate is partially organized into what may represent poorly defined, discontinuous fracture veinlets

Accessory sulfides are mainly pyrrhotite (irregular subhedra to ~0.5 mm, locally associated at the margins or rims with traces of chalcopyrite as sub/anhedra <0.1 mm). Small aggregates of sphene are ubiquitous, mostly <0.1 mm across, composed of subhedra<65 μm and containing traces of minute ilmenite <15 μm at the cores. Rare apatite occurs as rounded subhedra to 0.25 mm.

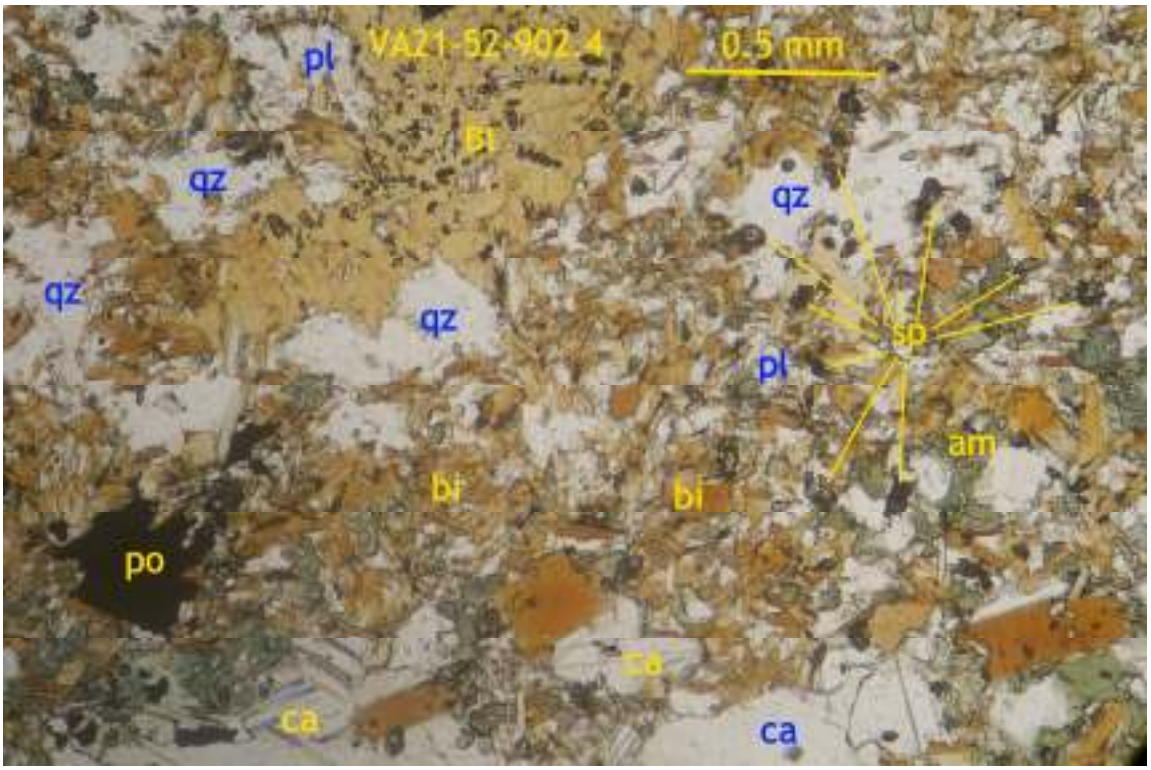
In summary, this appears to represent fine-grained granofels (baked wet sediment at the margin of Moyie sill), composed of partly granoblastic biotite-quartz-amphibole-plagioclase (altered to epidote-sericite-calcite)-minor carbonate-accessory pyrrhotite (trace chalcopyrite)-sphene (trace ilmenite)-apatite.



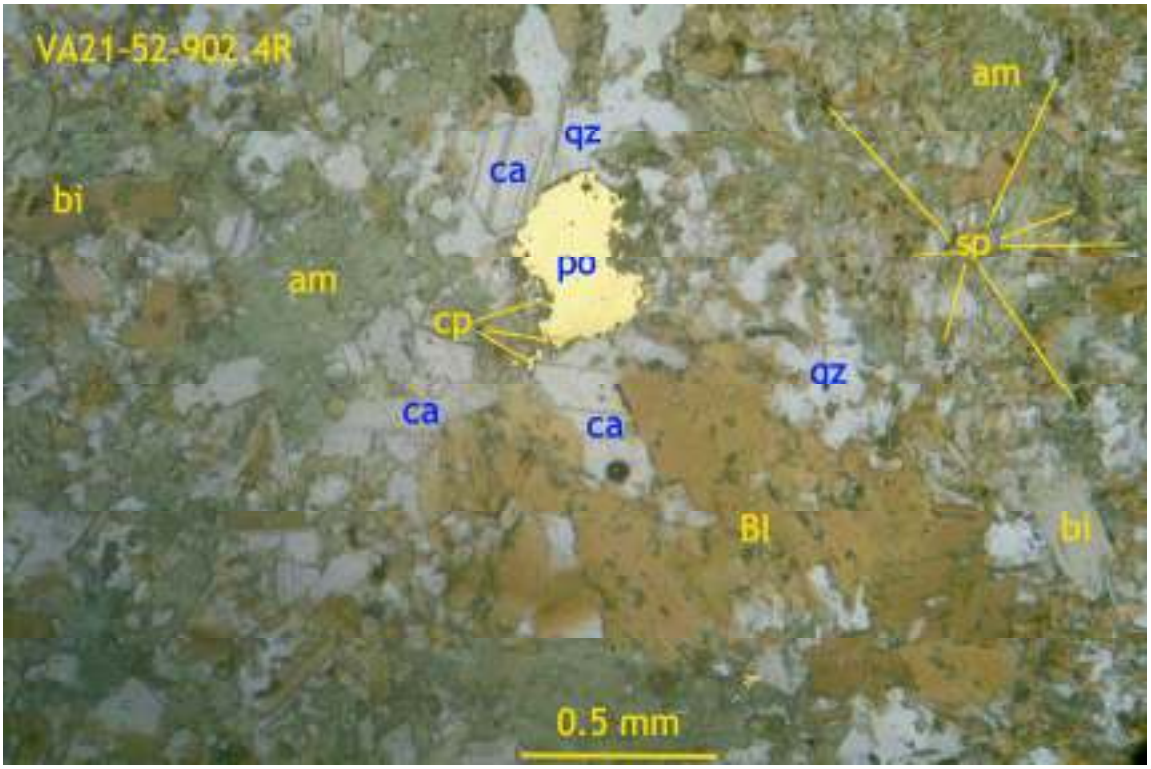
VA21-52-906.0: fine-grained gabbro/diabase composed of interlocking amphibole (am), interstitial relict plagioclase altered to sericite-epidote, and local quartz (qz), cut by 1) Kspar (Kf) or calcite (ca) veinlets, later cross-cutting albite (ab) veinlet. Transmitted light, crossed polars, field of view ~3 mm wide.



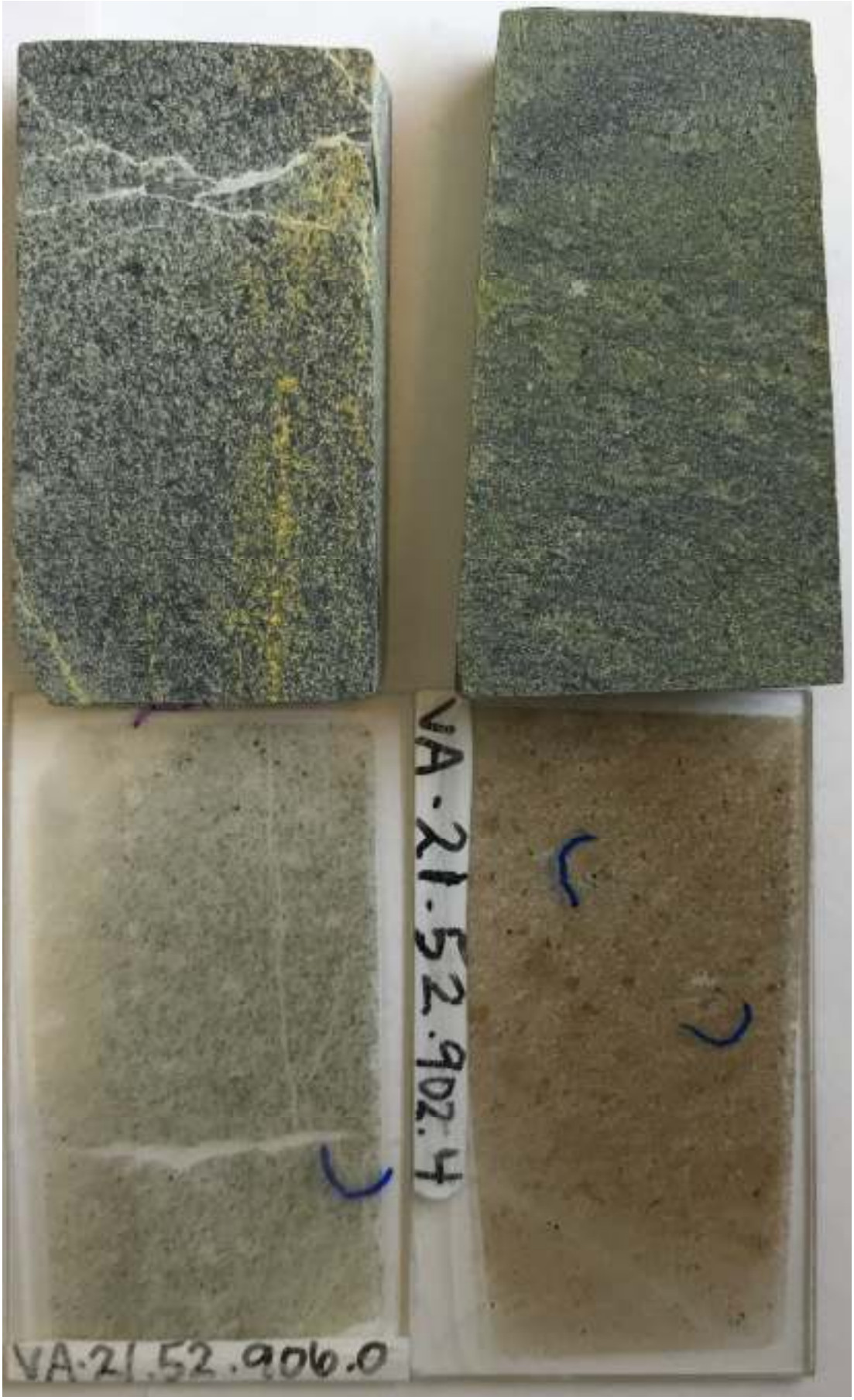
VA21-52-906.0R: irregular blebs/aggregates of pyrrhotite (po) and traces of chalcopyrite (cp) and local sphene (sp), associated with irregular calcite (ca) and interstitial quartz (qz) in matrix of amphibole laths and relict plagioclase as described above. Reflected light, uncrossed polars, field of view ~3 mm wide.



VA21-52-902.4: granoblastic biotite (BI and quartz (qz, mixed with plagioclase difficult to separate at this scale). Local calcite (ca, partly veinlet-like) and pyrrhotite (opaque) in matrix of fine-grained, hornfelsic biotite-green amphibole-plagioclase (pl, partly altered to epidote-sericite-calcite) and accessory sphene (sp). Transmitted plane light, ~3 mm wide.



VA21-52-902.4R: irregular bleb of pyrrhotite (po) with traces of peripheral chalcopyrite (cp), associated with irregular aggregate of calcite (ca) and quartz (qz), set in biotite (bi), amphibole (am), lesser plagioclase and accessory sphene (sp). Reflected/partly transmitted light, uncrossed polars, field of view ~3 mm wide.



Overview of thin sections and offcuts (blue semi-circles mark photomicrograph locations).

NOTE

Archaeological Impact Assessment (AIA) reports and other archaeological studies completed by Professional Archaeologists that are received and reviewed by the Geological Survey Branch which are found to be acceptable for exploration and development work credit will remain on file and kept confidential.

For archaeological studies that are submitted as part of a larger technical assessment report, the section of the report pertaining to the archaeology report will remain on file, kept confidential and excluded from the version of the report that is uploaded to ARIS.

Requests for a copy of an AIA report from Geological Survey Branch or Mineral Titles will be directed to the Archaeological Branch at Ministry of Forests, Lands, Natural Resource Operations and Rural Development.