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**Ministry of Energy and Mines**
BC Geological Survey

**Assessment Report**
**Title Page and Summary**

**TYPE OF REPORT [type of survey(s)]:** Assessment Report

**TOTAL COST:** 541,411.35 (525,000 claimed)

**AUTHOR(S):** R.J. (Bob) Johnston, Gavin R.D. Titley **SIGNATURE(S):**

**NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):** MX-13-283 **YEAR OF WORK:** 2017

**STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S):** 5680382

**PROPERTY NAME:** Stardust

**CLAIM NAME(S) (on which the work was done):** 514111, 505166, 514120, 514117, 514109, 514119, 514114, 514117, 514104 514105, 545320, 514106

**COMMODITIES SOUGHT:** Gold, Copper, Silver, Lead, Zinc, Molybdenum

**MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:**

**MINING DIVISION:** Omineca **NTS/BCGS:** 93N/11W

**LATITUDE:** 55 ° 34 ' 00 " **LONGITUDE:** 125 ° 25 ' 00 " **(at centre of work)**

**OWNER(S):**
1) Lorraine Copper Corp. 2)

**MAILING ADDRESS:**
110-325 Howe Street, Vancouver, BC, V6C1Z7

**OPERATOR(S) [who paid for the work]:**
1) Sun Metals Corp. 2)

**MAILING ADDRESS:**
Suite 1900, 1055 West Hastings Street, Vancouver, BC
V6E 2E9

**PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):**
Lustdust, Carbonate replacement deposit, Skarn, Manto, Porphyry, Sediment-hosted gold, Carlin
Gold, Copper, Silver, Lead, Zinc, Molybdenum
Cache Creek, Glover, Eocene, Jurassic, Pennsylvanian, Permian, Hogem Batholith

**REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:** 21965, 26725, 26466A, 26069, 25739, 24735
12785, 13158, 14546, 15263, 18781, 19373, 21965, 22309, 22726, 24735, 11211, 31989, 29786, 29090, 28313, 27603, 27260

Next Page

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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** | | | |
| **Photo interpretation** | | | |
| **GEOPHYSICAL (line-kilometres)** | | | |
| **Ground** | | | |
| **Magnetic** | 28.09 Line-Km | 514104, 514105, 514016, 514120, 514 | 75,000 |
| **Electromagnetic** | | | |
| **Induced Polarization** | 28.1 Line-Km | 514104, 514105, 514016, 514120, 514 | 75,000 |
| **Radiometric** | | | |
| **Seismic** | | | |
| **Other** | | | |
| **Airborne** | | | |
| **GEOCHEMICAL (number of samples analysed for...)** | | | |
| **Soil** | 744 | 514111, 505166, 514120, 514117, 514 | 150,000 |
| **Silt** | | | |
| **Rock** | 44 | 514104, 514114, 514106, 514117 | 35,000 |
| **Other** | | | |
| **DRILLING (total metres; number of holes, size)** | | | |
| **Core** | 343.51m NQ, 3 Holes | 514104, 514117 | 100,000 |
| **Non-core** | | | |
| **RELATED TECHNICAL** | | | |
| **Sampling/assaying** | 144 | 514104, 514117 | 5000 |
| **Petrographic** | | | |
| **Mineralographic** | | | |
| **Metallurgic** | | | |
| **PROSPECTING (scale, area)** | | | |
| **PREPARATORY / PHYSICAL** | | | |
| **Line/grid (kilometres)** | 29 | 514104, 514105, 514016, 514120, 514 | 60,000 |
| **Topographic/Photogrammetric (scale, area)** | | | |
| **Legal surveys (scale, area)** | | | |
| **Road, local access (kilometres)/trail** | 1 | 514104, 514117 | 15,000 |
| **Trench (metres)** | | | |
| **Underground dev. (metres)** | | | |
| **Other** | GIS mapping, data compilation, report writing | all | 25,000 |
| | | **TOTAL COST:** | 540,000 |

BC Geological Survey
Assessment Report
36953

# 2017 ASSESSMENT REPORT

# DRILLING, GEOCHEMICAL SAMPLING AND GEOPHYSICAL SURVEYS

on the

STARDUST PROPERTY

OMINECA MINING DIVISION,
BRITISH COLUMBIA, CANADA

NTS 93N / 11W
55°34'00"N, 125°25'00"W

FOR

SUN METALS CORP.
SUITE 1900, 1055 WEST HASTINGS STREET
VANCOUVER, BC, CANADA V6E 2E9

BY

R. J. (BOB) JOHNSTON AND GAVIN TITLEY
LORRAINE COPPER CORP.

FEBRUARY 8TH, 2018

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# 1.0 Summary

The Stardust property, formerly known as “Lustdust”, is located about 150 km north of Fort St. James in the Omineca Mining Division of north-central British Columbia. The property has a rich exploration history dating back to 1944 when the Number 1 vein was discovered. There has not been any significant exploration work done on the property since the 2011-12 exploration program conducted by Aurora Geoscience for ALQ Gold. Stardust is considered to be a Carbonate Replacement Deposit (CRD) comprising porphyry, skarn, manto and silver vein mineralisation.

In June of 2016, Lorraine Copper Corp. entered into an agreement to acquire a 100% interest in the Stardust property from previous owners, ALQ Gold Corp. In early June of 2017, a preliminary field program was undertaken to assess the state of roads and core storage facilities on the property. Shortly thereafter, the property was optioned to what is now called Sun Metals, a member of the Oxygen Capital Group of Companies. Sun Metals has an option to acquire a 100% interest in the property subject to certain royalties and terms.

The 2017 exploration program was conducted in two phases; a short reconnaissance in early June and a more significant programme that ran from early August to late October. Work conducted included 39 line-km of soil sampling, 28 line-km of induced polarization (IP) and magnetometer survey, three diamond drill holes totalling 344 metres and the collection of 44 rock and chip samples.

# 2.0 Introduction And Terms of Reference

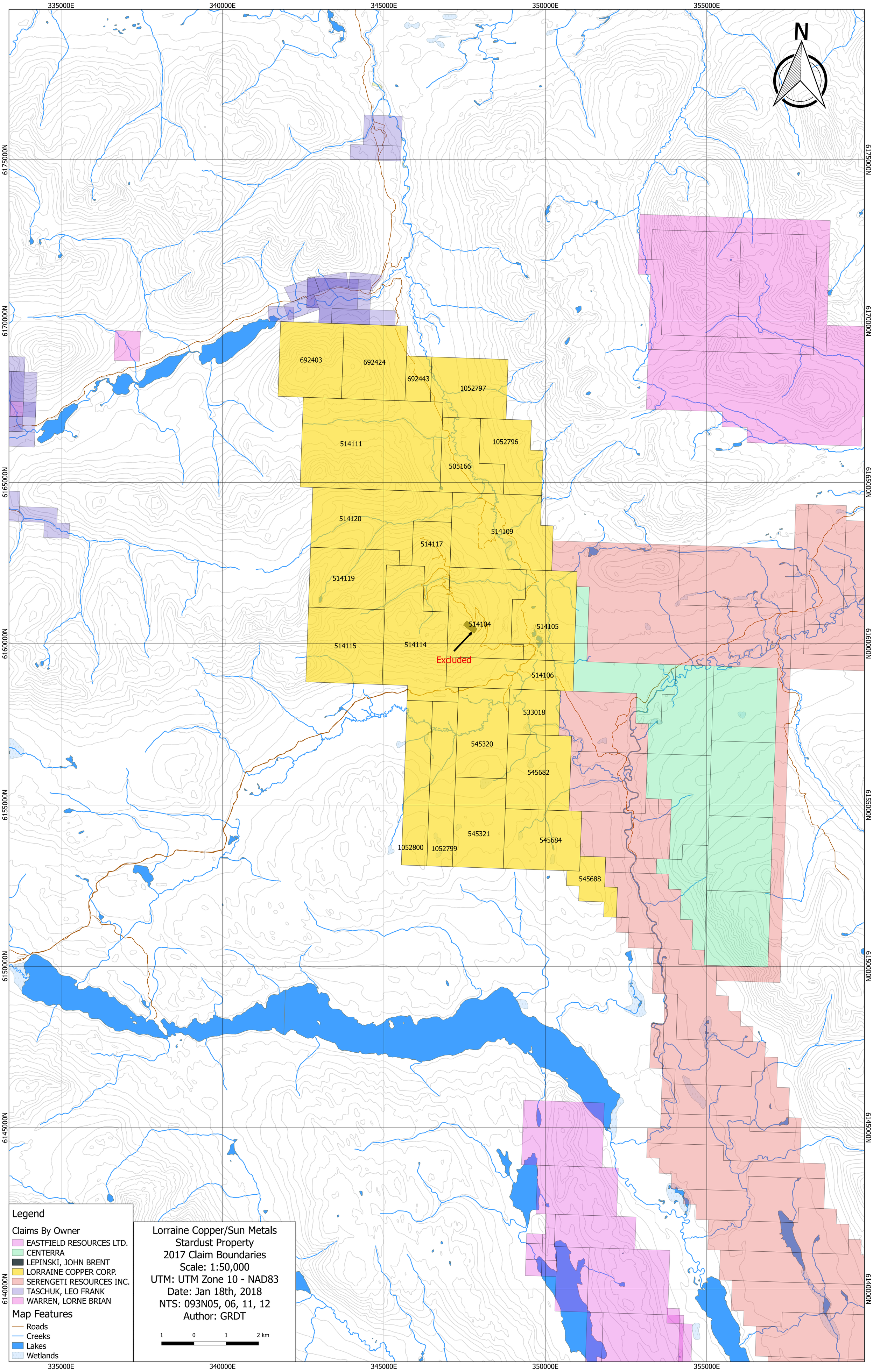
This report documents the results of the 2017 exploration program and summarizes significant changes to the geological database up to December 2017 following the ongoing review of historical data. It is intended for submittal as an assessment report to the Minerals Title Branch of the BC Ministry of Energy, mines and Petroleum Resources.

Much of the content of this report is indebted to the fine work done by authors of previous assessment reports on the property, going as far back as 1941. The 2017 exploration program was overseen and carried out by Mincord Exploration Consultants Ltd. On-site supervision of sampling, prospecting and QA/QC procedures was carried out by Gavin Titley, GIT and Bob Johnston, P. Geo. of Mincord Exploration. Off-site supervision was provided by Glen Garratt, P. Geo. and Bill Morton, P. Geo. of Lorraine Copper Corp.

# 3.0 Property Description

## 3.1 Claim Status

Lorraine Copper Corp. owns a 100% interest in the Stardust mineral property having purchased it in September 2016 from ALQ Gold Corp. (formerly Alpha Gold Corp.). The project encompasses 24 mineral claims covering 11,156 hectares. Claim details are presented in Table 3.1 and Fig. 3.1. Note that there is a single small claim in the centre of the property, covering the site of historic drifting of the Number 1 Vein, that is excluded from the Stardust claims.


335000E
340000E
345000E
350000E
355000E
6175000N
6170000N
6165000N
6160000N
6155000N
6150000N
6145000N
6140000N
N
692403
692424
692443
1052797
514111
1052796
505166
514120
514109
514117
514119
514104
514105
514115
514114
Excluded
514106
533018
545320
545682
545321
545684
1052800
1052799
545688
Legend
Claims By Owner
EASTFIELD RESOURCES LTD.
CENTERRA
LEPINSKI, JOHN BRENT
LORRAINE COPPER CORP.
SERENGETI RESOURCES INC.
TASCHUK, LEO FRANK
WARREN, LORNE BRIAN
Map Features
Roads
Creeks
Lakes
Wetlands
Lorraine Copper/Sun Metals
Stardust Property
2017 Claim Boundaries
Scale: 1:50,000
UTM: UTM Zone 10 - NAD83
Date: Jan 18th, 2018
NTS: 093N05, 06, 11, 12
Author: GRDT
1 0 1 2 km

In 2017, Lorraine Copper signed a definitive agreement with 1124245 B.C. Ltd. (now Sun Metals), whereby 1124245 B.C. Ltd. acquired an option to purchase a 100% interest, subject to certain royalties and terms, in the Stardust mineral property.

Table 3.1: Stardust Claims

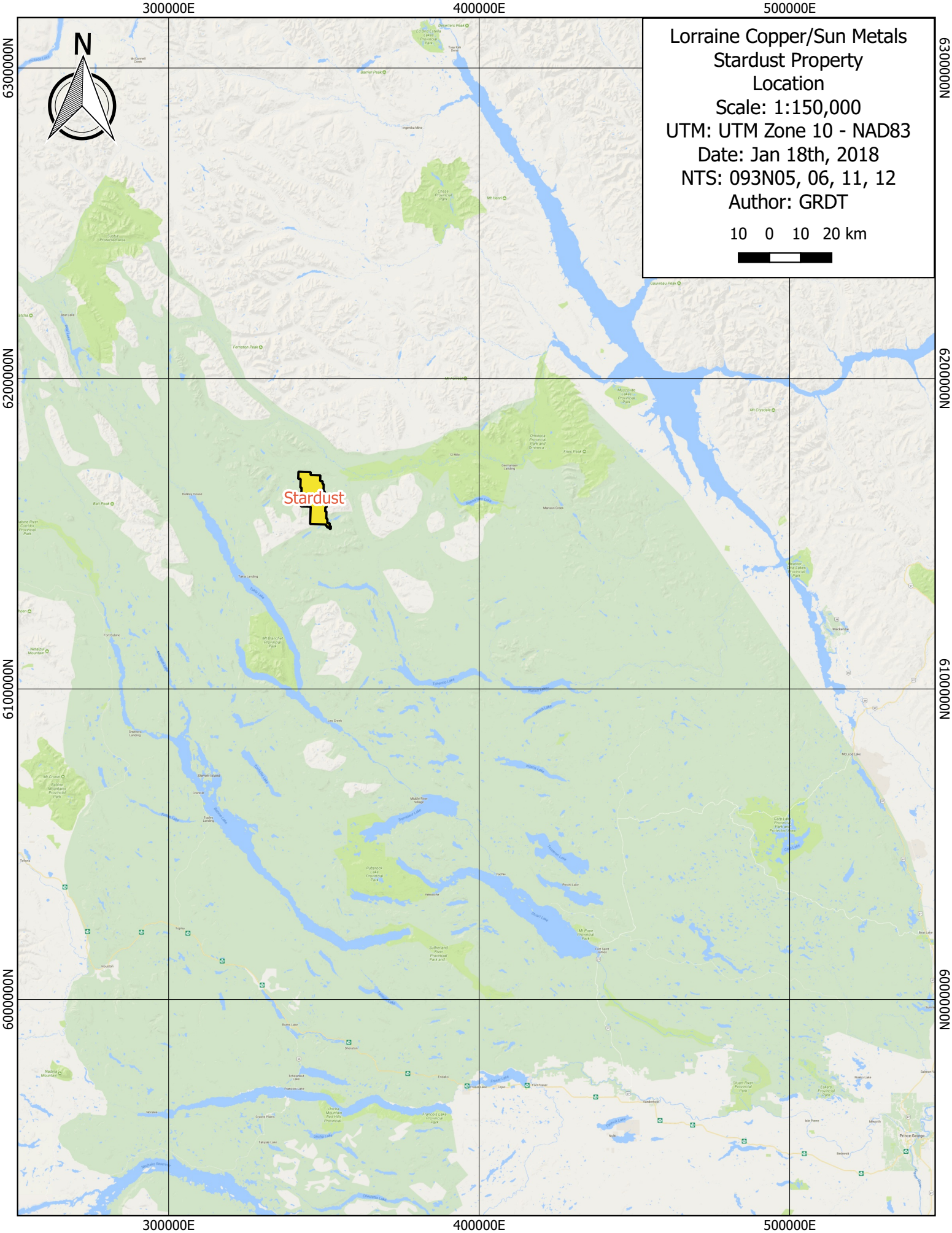
| Title Number | Claim Name | Map Number | Issue Date | Good To Date | Status | Area (ha) |
|---|---|---|---|---|---|---|
| 505166 | Alpha 1 | 093N | 2005/JAN/29 | 2026/DEC/15 | GOOD | 347.16 |
| 514104 | | 093N | 2005/JUN/07 | 2026/DEC/15 | GOOD | 603.62 |
| 514105 | | 093N | 2005/JUN/07 | 2026/DEC/15 | GOOD | 493.88 |
| 514106 | | 093N | 2005/JUN/07 | 2026/DEC/15 | GOOD | 365.99 |
| 514109 | | 093N | 2005/JUN/07 | 2026/DEC/15 | GOOD | 694.67 |
| 514111 | | 093N | 2005/JUN/07 | 2026/DEC/15 | GOOD | 1205.81 |
| 514114 | | 093N | 2005/JUN/08 | 2026/DEC/15 | GOOD | 695.24 |
| 514115 | | 093N | 2005/JUN/08 | 2026/DEC/15 | GOOD | 548.90 |
| 514117 | | 093N | 2005/JUN/08 | 2026/DEC/15 | GOOD | 274.28 |
| 514119 | | 093N | 2005/JUN/08 | 2026/DEC/15 | GOOD | 457.19 |
| 514120 | | 093N | 2005/JUN/08 | 2026/DEC/15 | GOOD | 712.91 |
| 533018 | ALPHA 2 | 093N | 2006/APR/25 | 2025/DEC/15 | GOOD | 219.65 |
| 545320 | LUSTDUST | 093N | 2006/NOV/13 | 2025/DEC/15 | GOOD | 439.37 |
| 545321 | LUSTDUST | 093N | 2006/NOV/13 | 2025/DEC/15 | GOOD | 439.65 |
| 545682 | NAT 1 | 093N | 2006/NOV/22 | 2025/DEC/15 | GOOD | 457.80 |
| 545684 | NAT 2 | 093N | 2006/NOV/22 | 2025/DEC/15 | GOOD | 439.70 |
| 545688 | NAT 3 | 093N | 2006/NOV/22 | 2025/DEC/15 | GOOD | 164.92 |
| 692403 | UTM2 | 093N | 2010/JAN/01 | 2025/DEC/15 | GOOD | 456.47 |
| 692424 | UTM3 | 093N | 2010/JAN/01 | 2025/DEC/15 | GOOD | 456.47 |
| 692443 | UTM4 | 093N | 2010/JAN/01 | 2025/DEC/15 | GOOD | 109.57 |
| 1052796 | KW2 | 093N | 2017/JUN/28 | 2025/DEC/15 | GOOD | 347.13 |
| 1052797 | KWN | 093N | 2017/JUN/28 | 2025/DEC/15 | GOOD | 420.02 |
| 1052799 | WESTSIDE 1 | 093N | 2017/JUN/28 | 2025/DEC/15 | GOOD | 402.92 |
| 1052800 | WESTSIDE 2 | 093N | 2017/JUN/28 | 2025/DEC/15 | GOOD | 402.92 |
| | | | | | **Total:** | **11156.26** |

## 3.2 Location

Stardust is located 150 km north of Fort St. James in the Omineca Mining Division of north-central British Columbia on NTS 93N/11W at latitude 55° 34' North (Northing 6160175) and 125° 25' West (Easting 347850), UTM Zone 10, NAD 83 (Fig. 3.2)

## 3.3 Accessibility And Infrastructure

The property is accessible by road from Highway 16 at Fort St. James by traveling 30 km along a paved road towards the community of Tachie Lake, then north for 68 km along the all-weather Leo Creek Forest Service Road (FSR), 54 km along the Driftwood FSR, then 26 km along the Fall-Tsayta logging road and finally 3 km along the Silver Creek road. Total distance by road is about 200km from Fort St. James, which usually takes about 3 hours depending on road conditions. The property is also accessible by float plane, about a 1 hour flight to Tsayta Lake from either Prince George or Smithers, followed by a half an hour drive to the site.


Lorraine Copper/Sun Metals
Stardust Property
Location
Scale: 1:150,000
UTM: UTM Zone 10 - NAD83
Date: Jan 18th, 2018
NTS: 093N05, 06, 11, 12
Author: GRDT
10 0 10 20 km
N
Stardust
300000E
400000E
500000E
6300000N
6200000N
6100000N
6000000N

Local population centres are, from nearest to furthest: Takla Landing, Fort St. James, and Prince George. The area has a strong mining history, and these centres have provided ample support and resources for past exploration programmes on the Stardust property. Prince George is a major commercial centre with major road, rail and air links, as well as significant and is a six-hour drive from the Stardust Property.

There are currently no permanent structures on the Stardust property, save a small gazebo with information about the Bralorne-Takla Mine reclamation site, but several collapsed cabin structures dot the small lake just south of the reclamation site in the area formerly occupied by historic exploration camps. To the immediate southeast along the Silver Creek road lies Serengeti Resources' (SIR) Kwanika camp, which, at the time of the 2017 exploration program, contained several permanent structures that were in various states of disrepair. There are also several fishing lodges and guiding camps within the area, including the Tsayta Lake Lodge at 7km on the Fall-Tsayta road, which was the operations-base for the 2017 program.

## 3.4 Climate

The climate is cool to moderate with warm, moist summers and cool winters. Snow accumulations during average winters persist from late September through May-June at the higher elevations. Winter temperatures are commonly below freezing and can fall as low as -30°C for short periods of time. The region receives an average of 295 mm of rainfall and 192 cm of snowfall annually with 138 days per year with precipitation exceeding 0.2 mm. Most of the exploration programs conducted on the property have been completed during the June to October field season.

## 3.5 Physiography

The terrain is moderate, ranging in elevation from 1000-1525 m on the property with little outcrop exposure at lower elevations. Much of the historic work on the central Stardust zones has been completed at higher elevations, where there is less forest cover and more outcrop exposure. Lower elevations are covered by widely-spaced lodgepole pine. At elevations above 1200 m, forest cover consists of over-mature spruce and balsam with an undergrowth of white rhododendron. Despite fairly moist summers, many drainages are seasonal in nature with progressively diminished flows during the late summer and fall.

# 4.0 History

The Stardust property has been explored by a variety of operators since the discovery of the Number 1 Vein in the 1940s. Table 4.1 provides a summary of exploration activity over the years broken down by assessment reports and other geological databases. Note that what is listed in the table is not necessarily a complete compilation of exploration work done on the property, as work is presently being done to comb through some of the more obscure historical records.

| Year | AR No. | Company | Property | Claim No. | Author | Work | Zones | AR Holes Drilled | AR Drilling (m) | Database Holes | Database Drilling (m) | Mag (km) | VLF EM (km) | IP (km) | Geochem Lab | Soil Samp. | Rock Samp. | Silt Samp. | Heavy Sed. Samp. | Trenches | Trench area (m^2) | Drifting (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1944 | | | | WOW#1 | | zone 1 discovery; claim staking | 1 | | | | | | | | | | | | | | | |
| 1945 | | McKee Gp/Leta Expltn. | | WOW#1 | | trenching; drilling | 1 | | 106.70 | | 0.00 | | | | | | | | | | | |
| 1952 | | Bralorne Mines | | WOW#1; MV1 | | trenching; drilling | 1, 2, 3 | | | | | | | | | | | | | | 5306 | |
| 1954 | | Bralorne Mines | | MV2; M | | drilling | 4b | | 1,429.00 | | 0.00 | | | | | | | | | | | |
| 1958 | 00219A | Totem Minerals | Pole | 514105 | Hans Lundberg | mag, geochem. | | | | | | | | | | | | | | | | |
| 1960 | | Noranda Canex | | | | rock cuts; trenching; test pits | 4b | | | | | | | | | | | | | | 1708 | |
| 1963 | | Bralorne Mines | | Wow#1 | | sampling | 1 | | | | | | | | | | | | | | | |
| 1964 | | Takla Silver Mines | | Wow#1 | | drifting | 1 | | | | | | | | | | | | | | | 229 |
| 1966 | | Takla Silver Mines | | Wow#1 | | undergound drilling | 1 | | 229.00 | 5 | 500.00 | | | | | | | | | | | |
| 1968 | | Takla Silver Mines | | Wow#1 | | surf/underg drilling; 90 kg bulk sample | 1 | | 1,910.00 | | | | | | | | | | | | | |
| 1968 | 01755A | Rip Van Mining | Houston | 533018 | S. J. Hunter | Hg soil geochem; trench sampling | | | | | | | | | | | | | | | | |
| 1978 | 7059 | Granby Mining | | MV1-2 | D.H. James; W.J. Wilkinson | geol; geochem; pulse EM | 1, 2, 3, 4b | | | | | | | | | 910.00 | | | | | | |
| 1979 | 7509 | Zapata Granby | | K, L, M | Glen White | EM | | | | | | | | | | | | | | | | |
| | 7759 | Zapata Granby | | K,L | W.L. Wilkinson | drlling | | 3 | 615.40 | 3 | 615.40 | | | | | | | | | | | |
| 1980 | 8669 | Noranda (Zapata) | | K,L | S.E. Prest | drilling | | 2 | 299.30 | 1 | 100.00 | | | | | | | | | | | |
| 1981 | 9937 | Noranda (Zapata) | Lust Dust | 614105 | Michael W. Leahy | geochem; drilling; geophys; geol. | 2, 3 | 6 | 854.00 | 1 | 100.00 | | 26.15 | | | 722.00 | | | | | | |
| 1983 | 12542 | Golden Porphyrite | Mt. Grant Cr. | 514111 | H. S. Macfarlane | geol.; geochem. | | | | | | | | | | 521.00 | 56 | | | | | |
| 1984 | 12785 | Golden Porphyrite | Jo | 514115 | J. E. Wallis | geochem. | | | | | | | | | | 66.00 | 3 | | | | | |
| | 13158 | Equinox Res. | West Weka | 545321 | R. R. Culbert | geochem. | | | | | | | | | | 62.00 | 14 | | | | | |
| | 14546 | Golden Porphyrite | Mt. Grant Cr. | 514111 | F. Marshall Smith | geochem. | | | | | | | | | | | 9 | | 9 | | | |
| 1986 | ? | Welcome North | | Wow#1, MV,L,M | | sampling | 1, 3, 4b | | | | | | | | | | | | | | | |
| | ? | Pioneer Metals | | Wow#1, MV,M | | geol. | 1, 2 | | | | | | | | | | | | | | | |
| | 15263 | Equinox Res. | | Wow#1 | J.E. Christoffersen | geochem. | | | | | | | | | | 96.00 | 15 | 14 | | | | |
| 1989 | 18781 | Eastfield Res. | Nation | 545320 | J. W. Morton | geochem; mag; vlfem; geol. | | | | | | 21.00 | 21.00 | | Acme | 570.00 | | | | | | |
| | 19373 | Eastfield Res. | Nation | 545320 | J. W. Morton | geochem.; geol. | | | | | | | | 0.45 | Acme | 29.00 | 25 | | | | | |
| 1991 | 21965 | Alpha Gold | MV | | Dolmage Campbell Ltd. | drilling | | 5 | 328.70 | 11 | 988.20 | | | | Bondar | | | | | | | |
| | 22309 | Alpha Gold | Lust Dust | | Dolmage Campbell Ltd. | drilling | | 6 | 577.90 | | | | | | Bondar | | | | | | 160 | |
| 1992 | 22726 | Alpha Gold | Lust Dust | | Darrel Johnson | drilling; trenching; geophys. | | 30 | 1,520.00 | 30 | 1,520.00 | | 12.50 | | Bondar | | 23 | | | 6 | | |
| 1993 | | Alpha Gold | Lustdust | | Icona/Darny/Pamicon | summary report | | | | 24 | 2,041.84 | | | | | | | | | | | |
| 1996 | 24735 | Teck/Alpha | Lust Dust | | G. Evans | geochem; geol.; trenching | 2, 3, 4, 4b | | | | | | | | Echo Tech | 513.00 | 259 | | | 41 | 1308 | |
| 1997 | ? | Teck/Alpha | Lust Dust | | G. Evans | geochem; drilling | 1, 3, 4, 4b | 16 | 3,062.80 | 16 | 3,062.80 | | | | | | | | | | | |
| 1998 | 25739 | Teck/Alpha | Lust Dust | | G. Evans | drilling | 1, 2, 3 | 14 | 1,103.00 | 14 | 1,105.30 | | | | Bondar | | | | | | | |
| 1999 | 26069 | Alpha Gold | Lust Dust | 514104 | Peter K. M. Megaw | drilling; geol. | 3, 4b, CCSZ | 18 | 3,050.00 | 18 | 3,050.00 | | | | Echo Tech | | | | | 5 | 500 | |
| 2000 | 26466A | Alpha Gold | Lust Dust | | Peter K. M. Megaw | drilling; geol., mag | CCSZ | 29 | 4,680.00 | 29 | 4,680.00 | | | | Chemex Echo | | | | | | | |
| 2001 | 26725 | Alpha Gold | Lust Dust | | Peter K. M. Megaw | drilling; geol. | CCSZ; Porph. | 18 | 5,609.00 | 18 | 5,609.00 | | | | Chemex | | | | | | | |
| 2002 | ? | Alpha Gold | Lust Dust | | J. Oliver | drilling | CCSZ | 19 | 7,790.40 | 19 | 7,790.40 | | | | | | | | | | | |
| 2003 | 27260 | Alpha Gold | Lust Dust | | J. L. Oliver | drilling | 1, 3, CCSZ | 42 | 7,908.00 | 42 | 7,908.00 | | | | | 695.00 | | | | | | |
| 2004 | 27603 | Alpha Gold | Lust Dust | | Daryl J. Hanson | drilling; geochem. | 3, CCSZ | 21 | 6,010.00 | 21 | 6,010.00 | | | | ALS | 724.00 | | | | | | |
| 2005 | 28313 | Alpha Gold | Lust Dust | | Daryl J. Hanson | drilling; geochem, geol. | CCSZ | 17 | 5,153.00 | 17 | 5,152.90 | | | | | 587.00 | | | | | | |
| | | Alpha Gold | Lust Dust | | K.J. Palmer et al/Snowden | resource comp. CCSZ | | | | | | | | | | | | | | | | |
| 2006 | 29090 | Alpha Gold | Lust Dust | 514104-105-117 | Daryl J. Hanson | drilling; geochem, trenching | CCSZ, GD, Valley | 32 | 6,855.10 | 32 | 6,855.10 | | | | | | 7 | | | 3 | 169 | |
| | | | | | | | | 24 | 3,054.10 | 24 | 3,054.10 | | | | | | | | | | | |
| 2007 | ? | Alpha Gold | Lust Dust | 514104-105-117 | | airmag/em; drilling | | 34 | 8,898.00 | 34 | 8,898.00 | | | | | | | | | | | |
| 2008 | 29786 | Amark | Petite | 692403-424 | Wojtek Jakubewski et al | airmag | | | | | | 74.00 | | | | | | | | | | |
| | ? | Alpha Gold | Lust Dust | 514104-105 | | drilling | valley | 5 | 2,140.00 | 0 | | | | | | | | | | | | |
| 2009 | 31989 | Alpha Gold | Lust Dust | 514117 | Anastasia Ledwon et al | drilling; trenching | CCSZ; GD | 17 | 6,366.92 | 17 | 6,366.92 | | | | | | | | | | | |
| | | Alpha Gold | Lust Dust | | Ronald G. Simpson | resource estimate | | | | | | | | | | | | | | | | |
| 2010 | | Alpha Gold | Lust Dust | | Anastasia Ledwon et al | drilling; geol. | 1, 3, 4b, CCSZ | 14 | 3,986.70 | 14 | 3,986.70 | | | | | 12.00 | 28 | | | | | |
| | | Alpha Gold | Lust Dust | | Ronald G. Simpson | resource comp. CCSZ | CCSZ | | | | | | | | | | | | | | | |
| 2011 | | Alpha Gold | Lust Dust | | Anastasia Ledwon et al | geol; geochem | | | | | | | | | | 285.00 | | | | | | |
| | 11211 | Alpha Gold | Lust Dust | whole prop. | Geotech Ltd. | airmag/ZTEM | | | | | | 330.60 | 330.60 | | | | | | | | | |
| 2012 | | Alpha Gold | Lust Dust | whole prop. | D. White/Aurora Geos | Evaluation | | | | | | | | | | | | | | | | |
| 2017 | | Lorraine Cu | Lust Dust | | Lorraine Cu/Sun Metals | drilling; geochem; IP/Mag | | 3 | 343.50 | 3 | 343.50 | 28.10 | | 28.10 | BV | 744.00 | 45 | | | | | |
| | | | | | | | **Total:** | **375** | **83881** | **393** | **79738.16** | **453.7** | **390.25** | **28.6** | **0** | **6536** | **484** | **14** | **9** | **55** | **9151** | **229** |

# 5.0 Geological Setting

## 5.1 Regional Geology

Stardust is located within the Cache Creek Terrane of the Intermontane Belt just west of the Pinchi Fault, which roughly follows Silver Creek NNW along the eastern bounds of the claim package. Once a major thrust fault, the Pinchi is thought to have been later reactivated as a major right-lateral strike-slip fault which can now be traced roughly 600 kilometers through north-central British Columbia (Paterson, 1977). At Stardust, the Pinchi delineates the terrain contact between the Pennsylvanian-Permian Cache Creek terrane to its southwest and the Quesnellia Terrane, which includes and Jurassic Hogem Batholith and Triassic-Jurassic Takla rocks to the northeast. (Fig. 5.1.1)

The Cache Creek Group comprises a 500-kilometer-long and 3-kilometer-thick complexly deformed sequence of interbedded argillites, cherts, carbonates, and mafic to ultramafic volcanic and plutonic igneous rocks with local alpine peridotites and ophiolite fragments identified in regions to the north of the Stardust property (Soregaroli, 1999, Schiarizza and MacIntyre, 1999). The argillites and cherts are typically fine-grained, thinly bedded deep-marine sediments (Monger, 1977). The volcanic rocks are tholeiitic, of oceanic affinity and include andesitic to basaltic tuffs, flow-breccias, and pillow lavas. The carbonates are predominantly bioclastic to micritic and algal-bound shallow-water facies limestones, which have been interpreted to originate from carbonate bank or reef depositional environments (Monger, et al, 1991). Though regional studies suggest that contacts between most of the different lithologies are abrupt and likely represent faults, some detailed studies executed close to Stardust, infer a more complex relationship. In 1997, Sano and Struick found limestone conglomerate and sandstones with volcanic fragments, and limestone fragments within the argillite-chert section just south of Mt. Pope, 140km SSE of Stardust. Similar relationships are seen in core at Stardust and locally show uninterrupted gradation from massive limestones to mafic volcanic dominated successions. Though the overall metamorphic grade is low throughout the Cache Creek Group, some rock units are locally metamorphosed to blueschist facies.

This entire package is folded with a well-developed axial planar foliation with a north-northwest strike typical of the Intermontane Belt (Gabrielse and Yorath, 1992). Many of the wide range of Jurassic to Tertiary intrusions that cut the Cache Creek Terrane have been emplaced along these prominent NW-trending structures and stratigraphic breaks. Numerous mercury occurrences are present along the length of the Pinchi Fault (Albino, 1987) and a few gold and base metal occurrences are present within Cache Creek rocks near the Pinchi fault including the Stardust, Indata and Axelgold properties. There are several alkalic gold-copper porphyry systems in the immediate Stardust area including Kwanika Creek to the immediate east of the property. Regional-scale geology is shown in Figure 5.1.2.

Fig 5.1.1. BC Terrane Geology. Adapted from: http://www.geology.gov.yk.ca/bedrock_terrane.html

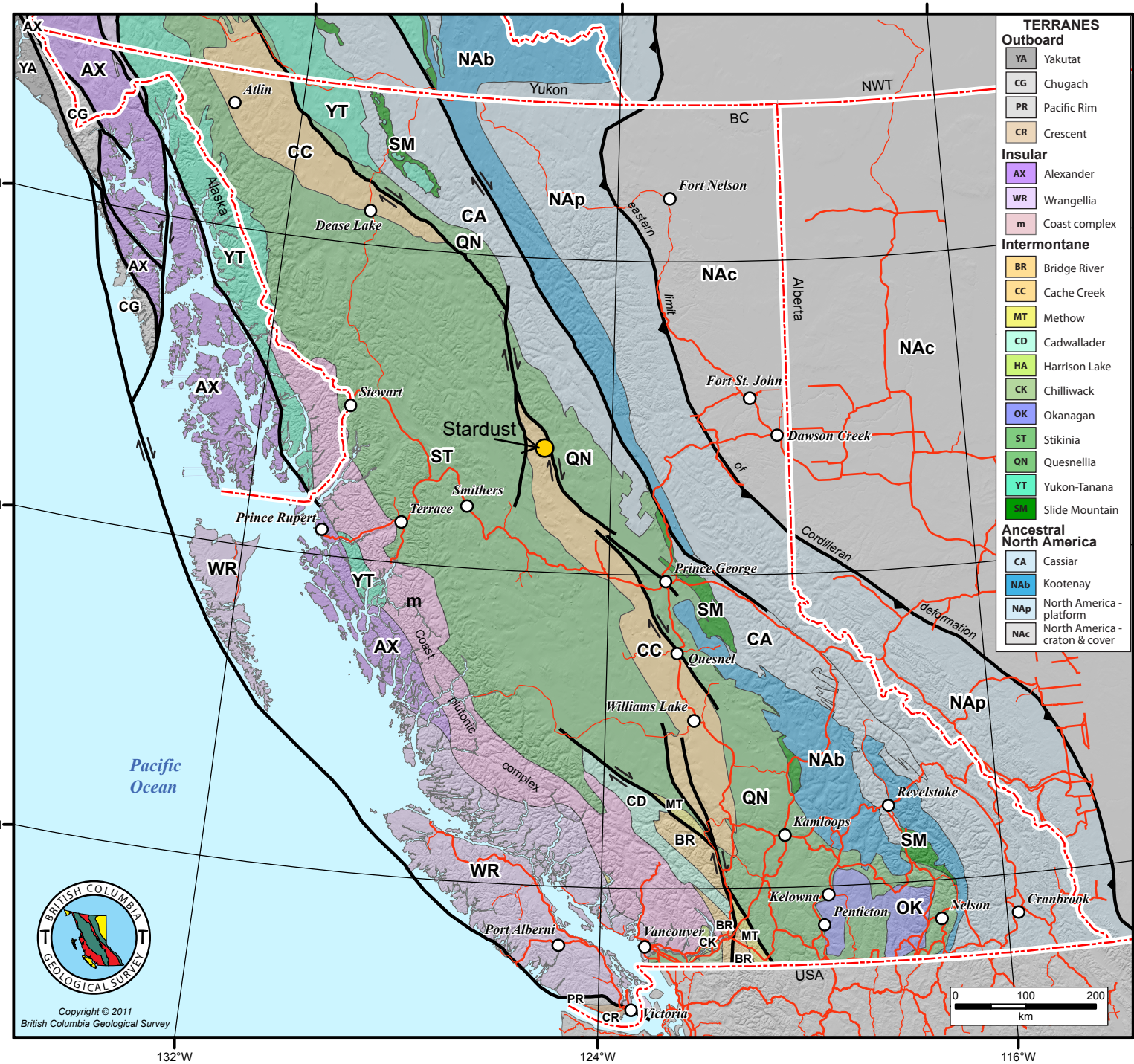
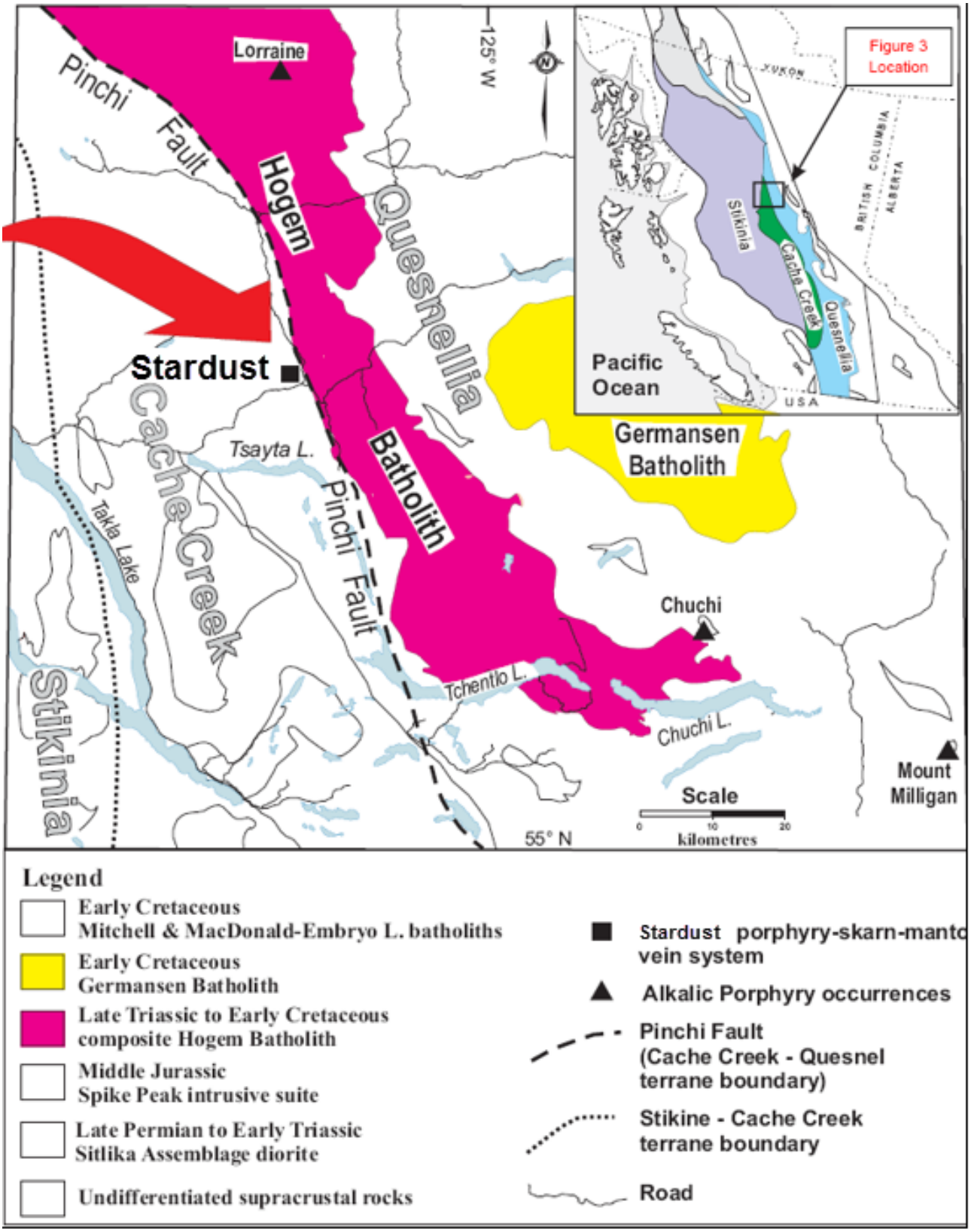
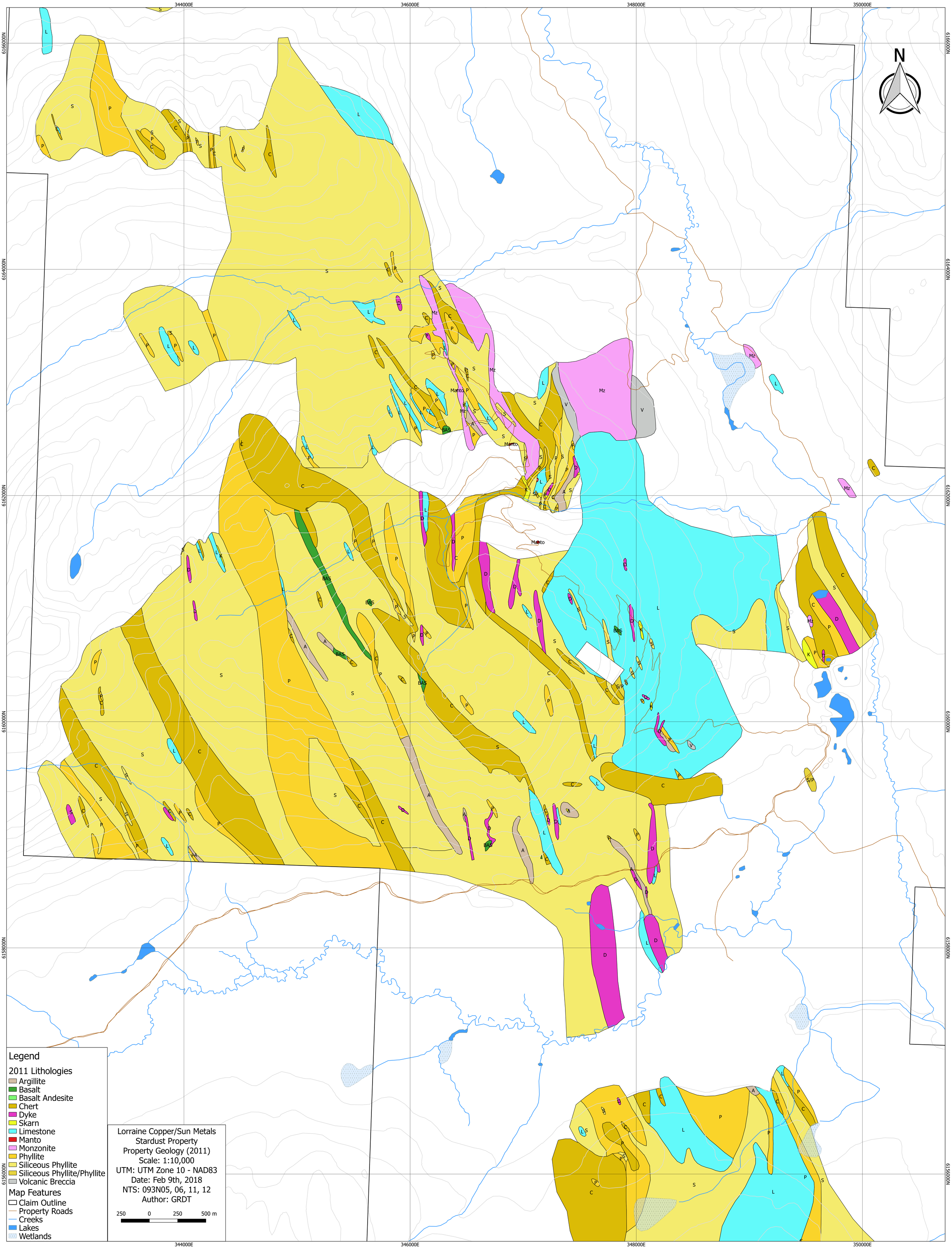


Fig 5.1.2: Regional Geology (Ray, 2002).




344000E
346000E
348000E
350000E
6166000N
6164000N
6162000N
6160000N
6158000N
6156000N
N
Manto
BAS
Mz
Legend
2011 Lithologies
Argillite
Basalt
Basalt Andesite
Chert
Dyke
Skarn
Limestone
Manto
Monzonite
Phyllite
Siliceous Phyllite
Siliceous Phyllite/Phyllite
Volcanic Breccia
Map Features
Claim Outline
Property Roads
Creeks
Lakes
Wetlands
Lorraine Copper/Sun Metals
Stardust Property
Property Geology (2011)
Scale: 1:10,000
UTM: UTM Zone 10 - NAD83
Date: Feb 9th, 2018
NTS: 093N05, 06, 11, 12
Author: GRDT
250 0 250 500 m

## 5.2 Property Geology

Very strongly deformed Pennsylvanian to Permian Cache Creek units underlie about 80% of the Stardust property. These units form upright to overturned asymmetrical west-dipping folds that plunge north at shallow angles. These folds are subparallel to the NNW trending Pinchi Fault that lies along the eastern property boundary. Stratigraphy most commonly strikes at 320 to 330° and only 10% of strikes do not fall within a WNW to NNE range. Strike often varies over tens of metres, giving bedding a sinuous, rather than linear, appearance. Dips are generally vertical to moderate westerly but do exhibit large variance due to the intense deformation in the area. Other workers (Ash and MacDonald, 1993) have suggested that the intense deformation of the Cache Creek Group adjacent to the Pinchi Fault in the Stuart Lake area 140km to the SSE makes normal stratigraphic interpretation nearly impossible. Likewise, since units on the Stardust property have been thickened, thinned, pinched, faulted off, or juxtaposed by the intense deformation that they have undergone during continental accretion and the ensuing intrusive phases, interpreting stratigraphy can be a difficult task. That said, previous reports (Ledwon and Beck, 2009 and 2010) indicate conformability to the stratigraphic column at the local scale, making stratigraphic interpretation feasible. There are slivers and lenses of units throughout the property when outcrop is present. Sedimentary slump structures have been observed at Stardust, but limited outcrop makes finding them difficult (Ledwon, 2011).

Much of the mapped regions of the property contains an assortment of intrusions that cut carbonate rocks interbedded with graphitic, siliceous, and calcareous phyllites, cherts, cherty argillites, and mafic flows. Intrusions are found throughout the property, except in the far north of the claims, where they may just be buried under deep overburden (Ledwon, 2011). Though most commonly dioritic to monzonitic, intrusives also range from felsic to tonalitic. A composite intrusive center and linear dyke array known as the “Glover Porphyry”, occurs in the central and north-central portions of the property. Though elsewhere dykes appear to be subparallel to stratigraphy rather than crosscutting it, here, intrusive body orientation is more northerly. Pervasiveness of Biotite hornfels and skarn increases towards the stock (Evans, 1998) within the Canyon Creek Skarn Zone. Some of the intrusive phases contain significant amounts of magnetite and appear to be responsible for the large magnetic anomaly shown on published regional maps and in Alpha's 2000 ground-magnetics survey (Butler and Jarvis, 2000), Alpha’s 2007 Airborne Magnetics survey (Walcott et al., 2007), and Alpha’s 2011 Airborne AFMAG ZTEM geophysical survey (Geotech, 2011) and again in the 2017 ground-magnetic survey (Scott, 2018). Many of the unmineralised veins found on the property were seen to emanate from dykes and cross cut all other stratigraphy suggesting that non-Glover dykes may be the youngest rocks on the claims.

The majority of the mafic and andesitic volcanics have been found in the north and western reaches of the claims. Moving eastward, a non-calcareous, often gradational package of argillite-phyllite-siliceous phyllite-chert dominates the centre of the property. This is followed by swaths of limestone closer to the Pinchi Fault, and finally the Hogem Batholith on the eastern edge of the claims. Linear dykes oriented subparallel to foliation can be found throughout the claims. The Glover Stock occurs in the central to north-central part of the property. East-west running creeks (Dream Creek, Canyon Creek) likely trace faults, and appear to have offset stratigraphy.

Newly acquired claims to the northeast of the property (1052797 and 1052796) are almost entirely to the east of the Pinchi Fault and, as indicated by 2005 BCGS regional mapping, are underlain by rocks of

the Hogem Plutonic Suite. These claims, plus slivers of other claims to the east of the Pinchi, make up about 23km$^2$ or roughly 20% of the property. Work done by Serengeti at their Kwanika Creek property to the immediate east of these claims describes multi-phase monzonitic to dioritic Hogem Batholith intrusions within successions of andesitic Takla Volcanic Group rocks. Though geology at Stardust is likely similar, these claims were not mapped during the 2017 field season. Property geology is shown in Fig. 5.2.1.

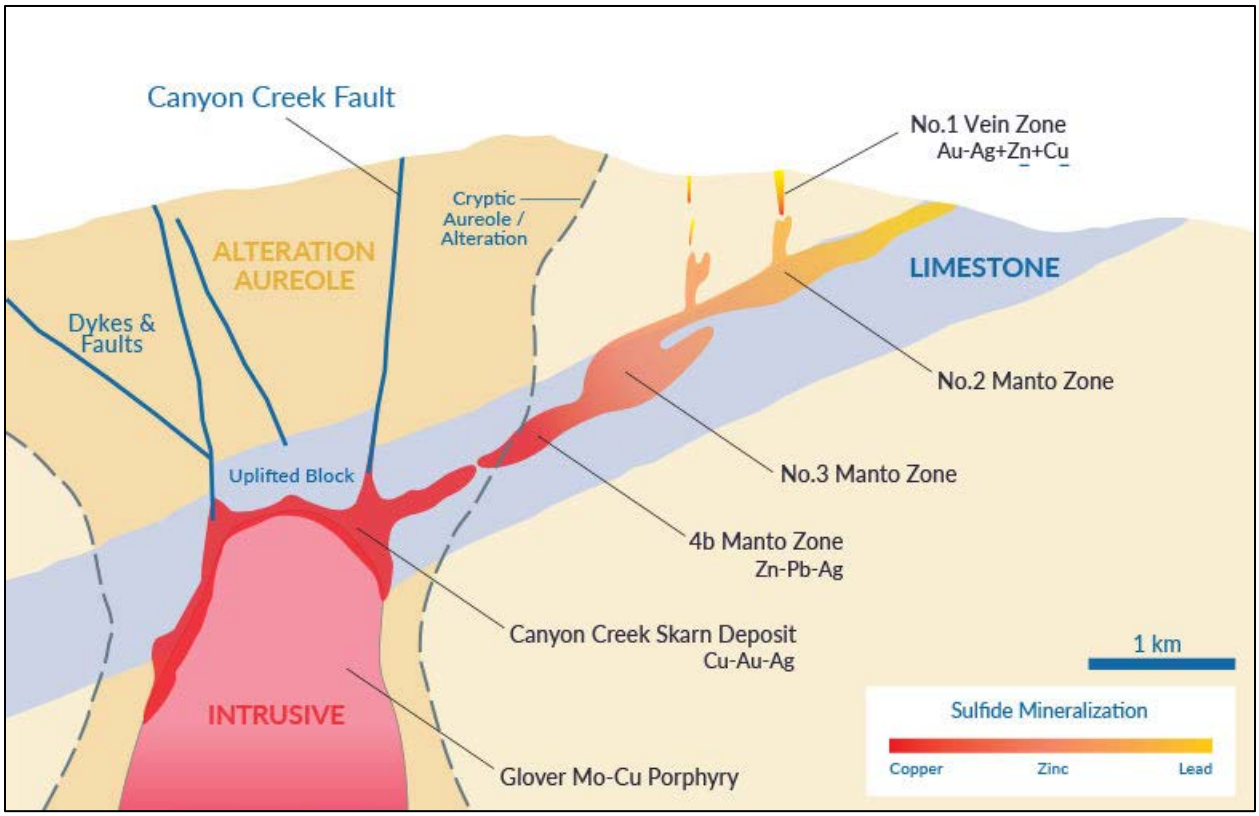
Previous assessment reports, such as those written by Evans (1996-98), Megaw (1999-2001), Oliver (2002-2003), Hanson (2004-07) and Ledwon and Beck (2010-11) have described individual rock types in much greater detail and are recommended reading for those wishing to understand the property geology beyond the scope of this report.

# 6.0 Deposit Types

## 6.1 General

The current exploration concept for the Stardust Property is based on the Carbonate Replacement Deposit (CRD) model described by Sillitoe and Bonham (1990) and Titley and Megaw (1985,1995) (Figure 6.1.1), which links porphyry, skarn, carbonate replacement, vein, and sediment hosted types of mineralisation. According to this model, any one or several of these deposit types can be present in a mineralised CRD system. In the textbook CRD model, Cu-Au-bearing garnet skarns occur as replacements of the limestone host-rocks adjacent to a mineralised porphyry stock. Outboard of the skarn zones, structurally and stratigraphically controlled massive sulphide deposits occur as mantos and chimneys. Sulphosalt veins can occur outboard of the CRD or overlie them in leakage zones. The distal end member mineralisation style in this system is the sediment hosted Au-As-Sb (Carlin-type) deposit.

Figure 6.1.1. Conceptual model for Stardust Property (adapted from sunmetals.ca):




## 6.2 Carbonate Replacement Deposits

As Megaw (2001) describes: Carbonate replacement deposits (CRD) typically grade from lenticular or podiform bodies developed along stock, dike, or sill contacts to elongate-tabular bodies referred to as chimneys and/or mantos depending on their orientation. Limestone, dolomite and dolomitized limestones are the major host rocks. Ores grade outward from sulfide-rich skarns associated with unmineralised or porphyry-type intrusive bodies to essentially 100% polymetallic massive sulfide bodies. Both sulfide and skarn contacts with carbonate host rocks are razor sharp, and evidence for replacement greatly outweighs evidence for open-space filling or syngenetic deposition (Titley & Megaw, 1985). In reduced, high to low-temperature systems, proximal to distal metal zoning generally is as follows: Cu (Au, W, Mo), Cu-Zn (Ag), Zn-Pb-Ag, Pb-Ag, Mn-Ag, Mn, and Hg. This zoning may be very subtle and large scale (Prescott,1916; Morris, 1968) or tightly telescoped and smaller scale (Graf, 1997).

Many different features of CRDs tend to be well-zoned at district, deposit and hand-sample scales. The most important zonations are: 1) Ore and gangue mineralogy and metal contents; 2) Orebody geometry; 3) Intrusive geometry and composition; 4) Structural controls on mineralisation; 5) Alteration; and 6) Isotopic characteristics of wallrocks. In general, the largest systems show the most well-developed zoning and repetition of zoning and paragenesis. Zoning tends to be most extensive in the elongate manto and chimney systems where individual zones may extend over kilometers vertically and laterally (1998). Zoning in large contact skarn systems is typically more compressed because of telescoping and

repeated overprinting (Graf, 1997). In all cases, multi-phase mineralisation is a reliable indicator of large systems.

CRD mineralisation is associated with polyphase intrusions that evolve from early intermediate phases towards late, highly evolved felsic intrusions and related extrusive phases. The intrusions most closely related to mineralisation are usually the most evolved phases and these are not exposed in many districts. Dikes and sills characterize the intermediate reaches of CRDs and there is often evidence for multiple dike/sill emplacement events. These intrusions may be compositionally homogeneous or there may be compositional evolution between dike/sill phases (Graf, 1997). Textures range from porphyritic to aphanitic, locally with narrow gradations between textural domains. Chimney and replacement veins are the most common orebody types associated with these intrusions, although mantos locally occur along sill contacts. Intrusive stocks commonly occur beneath or adjacent to the most proximal portions of CRD systems, although in many cases they do not outcrop. Where intrusions are exposed, they are generally less than 5 $km^2$ in areal extent. These stocks are generally polyphase with compositions grading from early diorite to late granite. Texturally, these intrusions range from equigranular to porphyritic and from massive to highly fractured. The central stocks may be barren, contain porphyry copper or molybdenum systems, or have marginal zones with porphyry copper or molybdenum affinities (Megaw, 1998). In many systems, the early phases of the intrusion have associated skarnoid or barren skarn, whereas skarn and ore mineralisation are related to later, more highly differentiated phases (Meinert, 1995 and 1999; Graf, 1997; Megaw et al., 1998).

Structural fabrics are the dominant control on mineralisation in CRDs, as they control intrusion emplacement and channel ore fluids into favorable host strata. Most CRDs lie in fold-thrust belts on major structural domes, arches, anticlines, synclines or homoclines, and most districts have structural grains controlled by faulting and fracturing related to regional deformation (Megaw et al. 1988). Orebodies are often elongate, with parallel, district-wide structural trends, but may not be restricted to a given structure over great lengths.

The gradations seen in single orebodies or districts suggest that the various manifestations of the deposit type can be considered part of a spectrum (Einaudi et al. 1982; Megaw et al. 1988; Titley, 1993) ranging from:

1. Stock contact skarns: formed against either barren or productive stocks
2. Dike and sill contact skarns
3. Dike and sill contact massive sulfide deposits
4. Massive sulfide chimneys
5. Massive sulfide mantos
6. Epithermal veins
7. “Carlin” style sediment hosted deposits

Several features make CRDs highly desirable mining targets including:

1. Size: CRDs average 10-13 million tons of ore and the largest range up to >50 million tons.
2. Grade: Ores are typically polymetallic with metal contents ranging from 2-12% Pb, 2-18% Zn, 60-600 g/T Ag, Tr-2% Cu and Tr-6 g/T Au. Many have by-product credits for Cd, W, In, Ga, Ge, Bi, and S.
3. Deposit morphology: Orebodies show good continuity.

4. Extraction and Beneficiation: CRDs are typically metallurgically docile, amenable to low-cost mining methods, and the environmental footprint is minimal.

Massive sulfide bodies lacking an associated intrusion characterize the distal zones of CRDs. These commonly have the form of high angle to vertical slab-like replacement veins; elongate pipe-like chimneys; or low angle to horizontal tabular or elongate, tongue-shaped, crudely stratabound mantos. Mantos may be developed entirely within selected beds or groups of carbonate beds, or may occur with one or more non-reactive, relatively impermeable sedimentary or intrusive rock contacts.

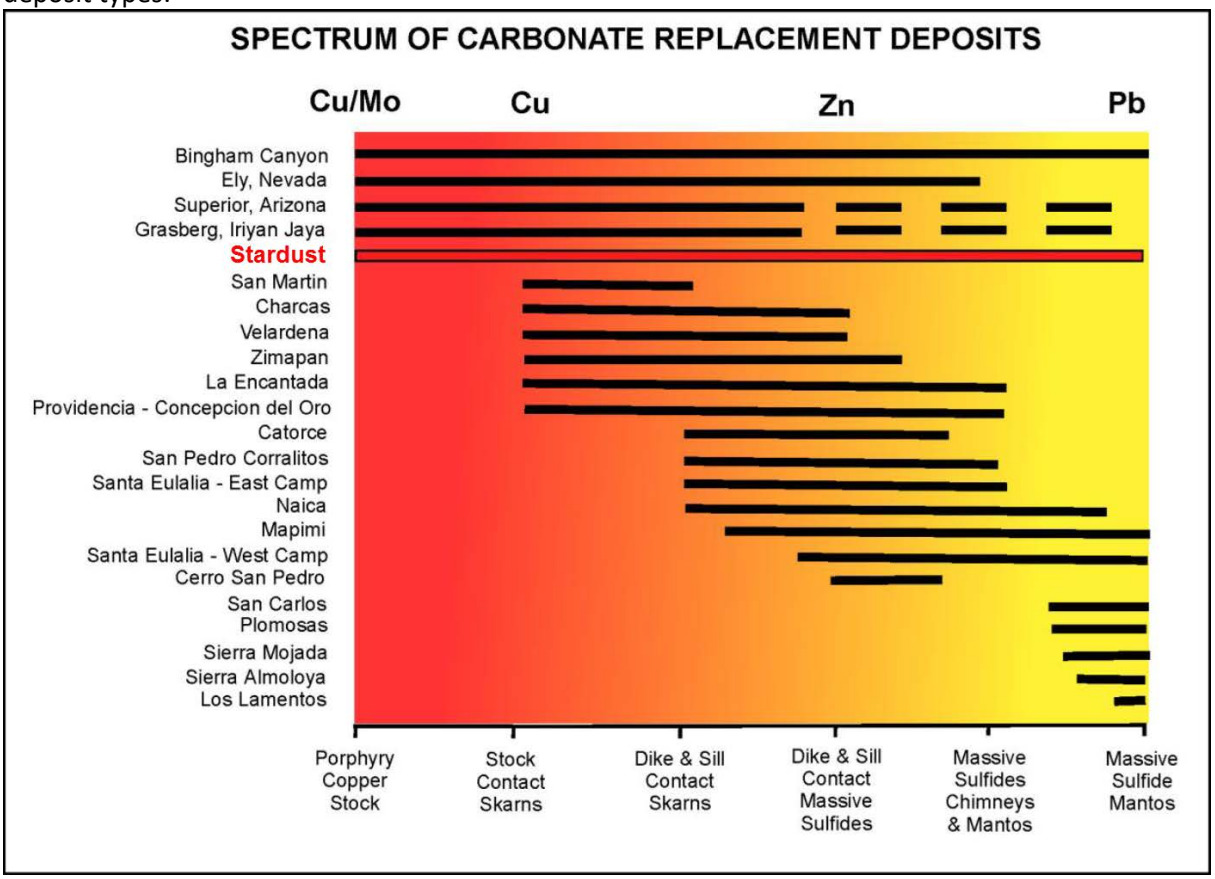
Development of carbonate rock alteration in CRDs, like mineralisation, is highly variable in type and in scale. The major alteration types are:

1. Skarnoid or hornfels: These are typically very fine-grained, mineralogically simple, calc-silicate and silicate assemblages formed through thermal metamorphism without significant addition of outside components. Skarnoid typically forms from a limestone or shaly limestone precursor, whereas hornfels forms from shale or limy shale precursors. Hornfels and skarnoid commonly develop in the thermal aureole around the largest volume (often early) intrusive phase and may aid in ground preparation for later metasomatic events. Hornfels mineralogy may be zoned with respect to the thermal center, commonly with pyroxenes proximal and biotite more distal. Skarnoid and hornfels often contain abundant fine-grained pyrite or pyrrhotite, but seldom significant amounts of ore-metal sulfides unless it has been overprinted by subsequent hydrothermal events.
2. Skarn: Skarns are fine to very coarse-grained, often mineralogically complex, calc-silicate or calcic-iron silicate assemblages formed through metasomatism with significant addition of outside components. Endoskarn is skarn formed at the expense of intrusive rock, exoskarn is skarn formed at the expense of wallrocks to the intrusion, most commonly carbonates. Skarn commonly develops around lesser volume, more fluid-rich intrusive phases and may overprint hornfels or skarnoid to varying degrees. Anhydrous calc-silicate minerals (dominantly pyroxenes and garnets) characterize the early "prograde" skarn phase generated during rising temperatures related to magma emplacement. Hydrous calc-silicate minerals (dominantly amphiboles, chlorites, and clays) formed at the expense of predecessor prograde minerals characterize the later "retrograde" skarn assemblage. Retrograding occurs as temperatures drop and variable amounts of magmatic fluids and groundwater invade the skarn zone. Sulfides may be co-deposited with the calc-silicates, but more commonly are introduced along structures that cut the skarn, replacing skarn minerals and unskarned wallrocks. Complex mineralised skarn systems typically show multiple intrusive phases and a repetition of sulfides replacing calc-silicates, presumably reflecting successive intrusive and hydrothermal events. In some systems, different compositions of skarn and sulfides characterize each phase (Megaw et al., 1998).
3. Marbleisation and recrystallization: These are present in virtually all CRD systems and range from narrow zones around mineralisation to zones 100s of meters wide (Titley & Megaw 1985; Megaw et al. 1988).
4. Silicification or Jasperoid development: Fine-grained silica replacements of carbonate rocks, with or without appreciable amounts of metals, and are very common in the peripheries of some CRD systems (Titley & Megaw 1985; Megaw et al. 1988).

### 6.2.1 Carbonate Replacement Deposits at Stardust:

The Stardust property contains mineralised deposits spanning the entire spectrum from the Glover porphyry stock to the peripheral Carlin-Type sediment-hosted mineralisation. These deposits are discussed in much greater detail in section 7.0.

As shown in Fig. 6.2.1.1 (Megaw, 2001), the Stardust property hosts a comparatively wide range of deposit types:




## 6.3 Porphyry Cu±Mo±Au Deposits

Porphyry copper deposits are large, low grade, intrusion-related deposits which provide a major portion of the world's copper and molybdenum and, to a lesser degree, gold (Rennie, 2011). The deposits are formed by a shallow magma chamber of hydrous, intermediate composition at depths of less than five kilometers. When the magma crystallizes, fluids are released; the fluids' movement upwards through overlying rocks results in hydrothermal alteration and deposition of sulphide minerals both as disseminated and stockwork mineralisation. There is a clear spatial and genetic association between the intrusion and the alteration zones at a regional and local scale (Rennie, 2011).

The defining characteristics that distinguish porphyry deposits are:

1. Large size
2. Widespread alteration
3. Structurally controlled ore minerals superimposed on pre-existing host rocks

4. Distinctive metal associations
5. Spatial, temporal, and genetic relationships to porphyritic intrusions

In British Columbia, these deposits typically occur in the Intermontane Belt, which contains the Stikinia, Cache Creek, and Quesnellia Terranes; and belong to one of three specific types: Alkalic, Transitional, and Calc-Alkalic based on the composition of the host rocks.

Table 6.3.1: Porphyry Cu-Au Deposits of British Columbia (after Rennie, 2011)

| Type | Deposit | Tonnage and Grade |
|---|---|---|
| Alkalic | Galore Creek | 1,309 Mt of 0.46% Cu and 0.30 g/t Au |
| Transitional | Mitchell Creek | 563 Mt of 0.18% Cu and 0.72 g/t Au |
| Calc-Alkalic | Prosperity | 1,148 Mt of 0.22% Cu and 0.41 g/t Au |

### 6.3.1 Porphyry Deposits at Stardust:

At Stardust, the Eocene age Glover Stock has been U-Pb zircon dated to between 51-52 Ma (Ray et al., 2002). It is inferred to be emplaced at a relatively shallow 1.1-1.9 kilometer depth as supported by field structural relationships and fluid inclusion work (Ray et al., 2002; Dunn and Ray, 2002). The stock is a multiphase composite intrusive complex and most of its rocks are weakly to strongly feldspar hornblende biotite porphyritic. It ranges compositionally from mafic diorite-monzodiorite to leucocratic monzonite-quartz monzonite (Ray et al., 2002).

The Glover Stock shows numerous features prospective to host porphyry-style mineralisation. Molybdenite±chalcopyrite-bearing veinlets are associated with several generations of veins containing quartz, K-feldspar, sericite, pyrite, and tourmaline (Ray et al., 2002). Alteration assemblages include pervasive albitic or potassic (K-feldspar, sericite, and biotite), silicic, pyritic, and argillic alteration. A fluid inclusion study supports a combination of highly saline and dilute fluids that show a transition from high-pressure lithostatic conditions during porphyry emplacement to lower pressure hydrostatic conditions during vein formation (Megaw, 2001). Such a transition may be indicative of a long-lived shallow emplacement. 'Pebble' dykes logged in drill core are similar to breccia dykes seen in major porphyry systems. These breccias are interpreted to record violent volatile release events coincident with the transition from lithostatic to hydrostatic conditions (Megaw, 1990; Frontier, 1999; Jones and Gonzalez-Partida, 2001).

Porphyry-related alteration styles at Stardust include:

1. Tourmaline-rich greisen along numerous structures cutting the biotite diorite in LD2001-30.
2. Potassic alteration consisting of secondary biotite selvages on mineralised veinlets secondary euhedral and/or "shreddy" biotite affecting primary biotite and hornblende and secondary K-feldspar flooding.
3. Weak to pervasive sericitic alteration of intrusion.
4. Widespread chloritized and epidotized hornblende and feldspar.

Mineralisation of the intrusions at Stardust consists of crosscutting veinlets including:

1. Quartz-K-feldspar-pyrite veinlets.
2. Quartz-K-spar-pyrite-chalcopyrite veinlets.
3. Quartz-K-spar-pyrite-molybdenite veinlets.
4. Hornblende replaced by specularite replaced by magnetite with interstitial chalcopyrite.
5. Open sigmoidal cavities.

# 7.0 Mineralisation

## 7.1 General

A number of mineralization styles are present on the Stardust property. Most notably of these is the carbonate replacement deposit style (CRD), and its related skarns, mantos, veins, and carbonate replacements. Also present is porphyry style mineralization. It is thought that all of these types have the potential to be of sufficient size to achieve economic viability.

The Stardust carbonate replacement deposit (CRD) system is at least 3000 m long and 1000 m wide (Figure 7.1.1). The property is systematically zoned from a Mo-Cu-Au Porphyry system to Cu-skarn to Zn-replacement mantos to Ag-Pb-Zn replacement veins developed along en echelon or fault offset mineralised zones extending away from the porphyry. The entire Stardust system, outboard of the porphyry, is auriferous (0.5 to >1 g/T Au values are common) and is associated with a minimum of three mineralised skarn horizons, at least 3 manto zones and a silver vein zone. Significant exploration of the system has only been carried out south of the Glover stock, and areas to the north, east and west still hold potential for similar mineralised zones.

The Canyon Creek Skarn is now known to be zoned over at least 500 m vertically and increasingly shows the polyphase intrusive and mineralisation characteristics typical of Cu-Zn skarn-replacement systems throughout the American Cordillera, such as San Martin, Zacatecas, Mexico and Antamina, Peru. So far, despite widespread anomalous values, no significant volumes of porphyry-style mineralisation with economic grades have been found.

Principle characteristics of the main mineralised zones are as follows:

## 7.2 AG-Zn-Pb-As-Sb Vein Zone: Number 1 Zone

The site of the 1944 discovery of mineralisation on the property, the Number 1 Zone consists of three, nearly massive pyrite-sphalerite-galena-jamesonite-stibnite-arsenopyrite-freibergite veins with lesser open-space filling quartz and calcite hosted within limestone and graphitic phyllites cut by numerous felsic dykes. The veins dip steeply to the west and are fault controlled. Felsic dikes are closely related to all three veins, but the veins do extend beyond the dikes in many places. The Number 1 Zone has the strongest structural control of any occurrence on this property. The presence of a regional antiformal crest is likely to be important to the development of significant mineralised zones as is the main fault structure.

Argentiferous Manganese Oxide Mineralisation (AMOM) and strongly anomalous Mn occur throughout the Number 1-Zone (Evans, 1997). AMOM is a typical distal alteration product in certain major CRD systems (Megaw, 1998). Based on inclusion chemistry and mineralogic relationships, Dunn and Ray (2002) suggested that the mineralisation in this zone might be related to high sulphidation-type veins.

However, the alteration mineralogy and textures of quartz and other gangue minerals do not support the high sulphidation model for these veins.

The principal vein was explored by underground drifting and drilling in the 1945 and 1964-65 seasons. The three ore-shoots (minimum 2m true widths) above the adit level were reported to grade 3.6 g/t Au, 780 g/t Ag, and 5% combined Pb and Zn with 5% Sb. Compilation of all available data during the 2003 exploration season clearly indicated that the currently known strike length of the Number 1 Fault exceeds 750 m with a significant mineralised zone developed over approximately 450 metres and to extend 100 metres down-dip with an average thickness of 2 metres for each vein. The weighted average of 14 drill holes that intersected the Number 1 Vein is 2.9 metres grading 3.71g/tAu, 492g/t Ag and 1.90% Zn.

Although Hanson (2007) concluded that the zone is closed off in all directions, drilling on strike and down dip could result in the discovery of additional “shoots”. Soil geochemistry could be a key to the discovery of more high-grade vein material as the overburden is extensive in this area.

## 7.3 Zn-Au-Ag-Pb Mantos: Number 2, 3, 4b, East and GD Zones

### 7.3.1 Summary

Mineralisation in these zones consists of roughly stratigraphically concordant massive sulfide bodies (mantos) and their oxidized equivalents. The mantos are best developed along permeable and possibly karsted carbonate beds near chlorite-altered mafic tuff beds. The mantos occur through the Number 2 to Number 4b Zones and appear to grade into the Canyon Creek Skarn Zone to the northwest. The mantos occur predominantly in structurally thickened and deformed zones along the crests of antiforms. There is some evidence for nesting, or repetition, of mantos in successive limestone beds, giving an overall morphology reminiscent of the stacked "saddle-reef" mantos (Hanson, 2007). Although narrow feeders to these mantos have been locally intersected by drilling, substantial discordant chimney feeders have not yet been found (Megaw, 1999).

### 7.3.2 Number 2 Zone

Located close to the crest of a regional antiform which lies just north of the Number 2 Zone trenches, the Number 2 Zone is a minor oxidized replacement zone similar to the Number 3 Zone. Surface sampling indicates average grades of 2.3 g/t Au, 109 g/t Ag, 2.16 % Zn and 2.09 % Pb across an average of 5.3 meters true width. Based on surface oxidation this zone has a strike length of approximately 200 meters; however, continuity at depth is uncertain. (Hanson, 2007)

### 7.3.3 Number 3 Zone

The largest identified CRD deposit identified to date at Stardust, the Number 3 Zone is thoroughly oxidized to depths of greater than 100 meters from the surface, with a style of mineralisation that may be highly amenable to low cost heap-leach extraction processes. The thickest portions of this manto zone occur in carbonates surrounding a mafic tuff bed along the crest of a regional-scale antiform; and the manto may have the form of an oxidized saddle reef replacement body (Hanson, 2007). Drilling has failed to find a feeder vertically beneath it, which Hanson (2007) interprets as meaning that it was probably fed from one end with fluid migration concentrated along the non-reactive tuff bed. Evans (1997) felt that the conduit for this system was down dip along the west limb of the antiform (possibly with a NW rake). Based on the trace of oxidation exposed in surface trenches, this zone has a strike length exceeding 600 meters. The Number 3 zone appears to weaken to the south, south of the Number

2 Zone trenches. The down-dip and northern extensions of the Number 3 Zone have not been extensively explored.

### 7.3.4 4B Zone

The Number 4b Zone CRD manto is developed along the 4b Antiform, which has a 60-degree west dips and a 10-15° plunge to the NW. The trace of this fold lies some 300 meters to the west of the Number 3 Zone antiform across a north-northwest plunging synform. Occurring as a series of aligned but apparently discontinuous massive sulfide pods with sparse calc-silicate minerals, the mineralisation follows the crest of the fold and along the contact between limestone to the east and hornfelsed graphitic phyllites to the west. As in the Number 3 Zone, a mafic tuff horizon within the limestone appears to be a major conduit for fluid movement, but unlike the Number 3 zone, the 4b zone is essentially unoxidized. Sphalerite, arsenopyrite, coarse-grained well-zoned pyrrhotite, and pyrite are prominent in surface trenches along the zone (Hanson, 2007). The zone is approximately 280 metres long and extends down-dip 50 metres from surface. The weighted average of eight holes drilled into the Number 4b Zone is 5.0 metres grading 8.5% Zn, 9g/t Ag and 0.74g/t Au.

### 7.3.5 East Zone

The East Zone was discovered in 2005 by Daryl Hanson by drill testing a large, multi-element, north-trending soil anomaly about 300 meters east of the Canyon Creek Skarn. The East Zone, which has been tested by nine drill holes, has been traced for about 150 metres on strike and remains open in all directions. Here, massive sulfide mineralisation consists of pyrite, sphalerite, arsenopyrite, and chalcopyrite. The preliminary interpretation made by Hanson was that the East Zone is a manto similar to the Number 3 and 4B Zones but it could also represent the thin end of a skarn similar to the CCS Zone (Bailes, 2018). The highlight of the programme was drill-hole LD05-05, which returned 3.66 g/t Au, and 56.8 g/t Ag over 2.3m from 170.6 to 172.9 metres and 2.26 g/t Au, 54.1 g/t Ag, 0.77% Cu and 2.66 % Zn over 1.9m from 189.6 to 191.5 metres. Several other encouraging massive sulphide intercepts associated with skarn occur.

The East Zone is located within a much larger geochemical soil anomaly (compare Figs. 8.2.2 and 10.1). The portion of this anomaly south of Canyon Creek is also strongly anomalous in zinc with reported values ranging up to 4920 ppm. This large soil anomaly occurs in the footwall of the Canyon Creek skarn and on strike to the north of the Number 3 Manto and the GD Zone. The East Zone might represent an en echelon northwesterly continuation of the CCS zone or the northern extension of the Number 3 Manto.

### 7.3.6 GD Zone Or Number 3 Zone Extension

In 2006, Daryl Hanson discovered the GD Zone by trenching and diamond drilling a coincident gold-arsenic soil geochemistry anomaly north of the Number 3 Zone. The trenches uncovered sulphide and oxide mineralisation across significant widths over a strike length of 100 metres. The zone remains open to the north. The GD Zone occurs at the southern end of the large soil anomaly that occurs to the east of (and in the footwall) of the Canyon Creek skarn about 1,000 m to the south of the East Zone. The area between the East and GD zones contains significant soil anomalies and is prospective for additional manto and skarn mineralisation.

## 7.4 Skarn Mineralisation: Canyon Creek Skarn (Number 4 Zone), CCS Extension, and Northwest Extension

### 7.4.1 Canyon Creek Skarn (Number 4 Zone)

As described by Hanson (2007) the Canyon Creek Skarn is a prograde and retrograde alteration zone proximal to weakly mineralised monzonite and diorite sills of the Glover Stock. The skarn zone is greater than 1000 metres long, from 2 to 60 metres in true thickness, and has a down-dip extent of greater than 600 metres. Mineralised bands within the skarn range up to 20 metres in thickness (drill indicated width) and grade up to 24 grams per tonne gold and 2.2% copper.

At shallow levels, the skarn is composed of early coarse-grained green-tan grossular-andradite garnet with minor fine-grained greenish-yellow diopside and rare vesuvianite or pyroxene (Ray et al., 2002). Specularite is locally very common as euhedral plates. At depth, a brown garnet stage crosscuts and overprints the green stage, and at even greater depths, a red-brown garnet stage appears (Megaw, 1999). These minerals replace massive limestone and locally replace intrusives (endoskarn). Drilling in 2001 showed that endoskarn increases with depth (cf. LD01-44, 45). Biotite hornfelsed siliceous phyllite is also overprinted by skarn, especially on the north side of Canyon Creek. Mafic tuff units are altered to distinctive green banded chlorite-garnet units with 5-15% disseminated pyrite and trace chalcopyrite and sphalerite.

Retrograde hydration of the garnet-diopside skarn also increases with depth where the brown-red, brown and green garnet stages are hydrated to a cream-colored mass of very fine-grained amphibole, chlorite, quartz, and clays or dark grayish-green masses of felted chlorite, locally preserving the shapes of dodecahedral garnet crystals. Retrograde alteration is often accompanied by a dramatic increase in magnetite, both as fine-grained masses and as pseudomorphs after bladed specularite, and increased amounts of chalcopyrite (Megaw, 2000, Ray et al., 2002)

Surface mapping has shown that the stratigraphy is strongly deformed into overturned, tight, plunging folds. Mineralisation concentrates in the plunging hinges of minor folds on the limbs of major folds. Some of the mineralisation may also be hosted in veins (feeders) that cross-cut stratigraphy. Exoskarn alteration has been observed in limestone, siltstone and mafic tuffs. The mineralised bands may not be conformable with the skarn contacts and may be locally offset by faulting.

Mineralisation in the skarn occurs as Ag and Au-bearing chalcopyrite and bornite with abundant pyrite, variable sphalerite, and rare arsenopyrite and stibnite emplaced along and surrounding structures that cut the skarn (Megaw, 1999). Much of the sulfide replaces skarn silicates. Numerous stages of sulfide mineralisation are identified as:

1. Chalcopyrite deposited in interstices and along garnet grain boundaries.
2. Early pyrrhotite (often later pseudomorphed to pyrite) with minor chalcopyrite and locally intergrown with sphalerite.
3. Pyrite or pyrrhotite (pseudomorphed to pyrite) that is brecciated and healed with later sphalerite or replaced by chalcopyrite.
4. Massive to dispersed, banded and chaotic chalcopyrite along structures and replacing adjoining skarn.
5. Magnetite with interstitial chalcopyrite and/or sphalerite, pyrite or pyrrhotite.
6. Sphalerite with chalcopyrite cut by later pyrite veinlets.

7. Massive sphalerite, brecciated and healed by chalcopyrite and sphalerite.
8. Mineralised skarn, brecciated and healed with epithermal style chalcedonic quartz.
9. Calcite veins filled with Au sulfides/sulfosalts cutting skarn.

The skarn silicates tend to end abruptly and massive sphalerite-chalcopyrite-pyrite-pyrrhotite mineralisation is locally well-developed along the contact of skarn with recrystallized limestone (marble front). It is near this front that the very high-grade gold grades associated with the 2002 drilling have been recognized (Oliver, 2002). High-grade gold and sulphide-rich replacement bodies may be considered transitional mineralisation between the skarn and 4b style of replacement mineralisation.

Borehole deviation has created serious problems related to the geological interpretation and resource estimate of the mineralised bands in the Canyon Creek Skarn. Down-hole surveys have shown that holes can deviate as much as 150 metres from their planned trajectory. Holes drilled prior to 2003 have no down-hole survey data.

According to Hanson (2007), the best potential for discovering mineral resources with reasonable prospects for economic underground extraction within the Canyon Creek Skarn occurs at the footwall and hanging wall skarn contacts.

The two main lenses in the Canyon Creek skarn are the #1 and #2 lenses (Simpson, 2010) which appear to be one large lens that has been offset by the Canyon Creek Fault and contain almost half of the resource tonnage. Lens #5 appears to be a fault offset of the #2 lens at its near-surface northern end and it contains about 14% of the resources. Lens #3 is a deep lens that occurs in the footwall of the #2 Lens. It contains 22% of the resource tonnage and was intersected by the highest-grade drill hole of the skarn, 2002-09, which graded 2.2% Cu, 24.0g/t Au and 134.3g/t Au. The other lenses are splays off the four main lenses, none of which contain more than 5% of the total resource.

The Canyon Creek skarn appears to be cut by the Canyon Creek fault, which is thought to be a right lateral transverse fault, which offsets the #1 and #2 lenses by about 130 metres at a strike of approximately 120°. The fault offset decreases at depth to only about 20 metres at 800m elevation. The right lateral nature of the fault offsets has the effect of “stacking” the lenses, resulting in single drill holes intersecting both portions of the offset lenses.

Oliver (2003) interpreted these same offsets as being flexures rather than faults because he could map geological units across Canyon Creek. However, the surface trace of the Canyon Creek fault is 50 metres south of Canyon Creek itself. The main lenses of the Canyon Creek skarn could be a series of en echelon lenses that are the result of extensional deformation associated with the faults. Further en echelon repetitions of the Canyon Creek skarn to the northwest of the #5 Lens (its footwall) and to the southeast of the #1 Lens (its hanging wall) are a possibility. Though both areas have had little drilling, there have been a few notable intersections in each.

#### 7.4.1.1 Footwall Zone

Several mineralised intersections occur northeast of the #5 lens in its footwall, including: Hole 2004-04, which intersected 4.0 metres grading 0.95% Cu, 0.4g/t Au and 18.2 g/t Ag and 1.70 metres grading 1.71% Cu, 0.53g/t Au and 30.3g/t Ag about 50 metres northwest of the #5 Lens on section 2250N; and Hole 2010-12, which intersected 8.73 metres grading 1.56% Cu, 1.23g/t Au and 39.7g/t Ag. The area to the northeast of the Canyon Creek skarn and Lens #5 is underlain by a large copper-gold-silver soil

anomaly extending over to the East Zone. This could indicate the presence of a series of en echelon skarns in the footwall of the #5 Lens over to the East Zone and perhaps beyond.

#### 7.4.1.2 Hanging Wall Skarn

The Hanging Wall Skarn has been mapped by Oliver to occur on the western contact of the Glover Stock (see Fig 5.2.1). Though more poorly developed than the Canyon Creek Skarn, the Hanging Wall Skarn has been shown to be capable of producing high grade Cu-Au-Ag mineralisation. It occurs about 100 to 200 metres to the west of the Canyon Creek skarn and has been intersected by nine drill holes. The first eight holes that intersected the Hanging Wall skarn were weakly mineralised; however, the last hole drilled into the Hanging Wall skarn, LD2009-12, intersected 7.0 metres grading 2.9 g/t Au, 2.68% Cu and 45.4 g/t Ag.

### 7.4.2 Canyon Creek Skarn Extension

In 2004, a 400-meter long, north-northwest extension of the Canyon Creek Skarn Zone was discovered by drilling a small arsenic-silver soil geochemistry anomaly to the north of the Canyon Creek skarn. According to Hanson (2005), this extension consists of prograde and retrograde exoskarn with high pyrrhotite: pyrite ratios, high pyroxene: garnet ratios, and high-grade precious metal values. These features are characteristic of gold skarns distal to an intrusion and close to the margins of the skarn envelope (Ray and Webster, 1997). This zone was further drill-tested in 2010. A total of 20 holes have been drilled so far.

### 7.4.3 Northwest Extension

The Northwest Extension is an area at the northwestern contact of the Glover Stock that is underlain by a strong copper-gold-silver soil anomaly. One hole was drilled in 2007 at the southern end of this anomaly, about 200 metres west of the northern end of the Canyon Creek skarn. Hole LM07-01 intersected 13.5 metres grading 0.65% Cu, 0.74g/t Au and 13.9g/t Ag; including 3.0 metres grading 1.13% Cu, 1.51g/t Au and 26.2g/t Ag. Drilling more holes to the north and south of LM07-01 should be drilled to determine the potential continuity, extent and nature of the skarn mineralisation.

## 7.5 Valley Zone

The Valley Zone was discovered in 2005 by Daryl Hanson in drill holes near the old Bralorne-Takla Mercury Mine. Although no anomalous metals were detected, the presence of silicified limestone (jasperoid) was interpreted as a positive indication of the potential for the area to host “Carlin-style” mineralisation. Based on the results of the first 2005 hole and on weak antimony-gold soil geochemistry anomalies, a programme of rotary reverse circulation drilling was carried out in 2006 for the area north-northwest and south-southeast of the Mercury Mine.

The discovery hole was hole LRC-06-23, which is located on the extreme southeast corner of the area tested, it graded 11.02 g/t gold over 7.6 metres from 68.6 to 76.2 metres including 46.9 g/t over 1.5 metres. Lithologies encountered in the 2006 drilling are predominantly limestone, argillite and ash tuff (including lapilli tuff) with minor ultramafic rock, quartz veins and felsite dykes. Several zones of strong arsenic mineralisation were identified (commonly occurring with an orange-yellow oxide) occurring in limestone in holes closest to gold mineralisation. LRC-06-23 was twinned by diamond drill hole LD-06-31. The average recovery in this hole was very poor and the recovery at the corresponding high-grade interval was only 4%. This hole did also intersect 16.8 meters grading 0.43 g/t gold (from 89 meters) including 2.60g/t gold over 1.5 meters; however, this interval still only had an average recovery of 41%.

A plausible explanation for the low recovery in LD-06-31 is that decalcification has compromised the integrity of the limestone (as in Carlin deposits). Thus, the important interval may have simply been washed out. The hole intersected limestone with pyrite veining, an unidentified orange-yellow oxide, siderite and zones of breccia. A second diamond drill hole, LD-06-32, which was drilled 50 meters further to the west, intersected 3 meters grading 1.24 g/t gold. This hole also intersected limestone with some sections displaying a strong orange-yellow oxide stain and arsenic values reaching 804 ppm.

Several other holes were drilled in the Valley Zone in 2007, but all cored limestone without any significant mineralisation. Exact locations of these holes are unconfirmed and data from 2007 is spotty overall.

## 7.6 Porphyry Cu±Mo±Au Deposits: Glover and Kwanika

### 7.6.1 Glover Stock

The Glover Stock was drilled in 2001, after drilling in 2000 cut a few molybdenite and chalcopyrite veinlets with classic porphyry-style alteration selvages in intrusive rocks to the west of the Canyon Creek Skarn. Drill roads built in 2001 exposed several isolated zones of chalcopyrite and molybdenite veinlets in diorite and monzonite phases of the Glover Stock. The 2001 drilling cut a complex series of magnetite-bearing diorite and monzonite bodies with variable development of porphyry-style alteration and Mo-Cu-Au mineralisation (Megaw, 2001). All but one of the holes were shallow (<300m) and designed to examine lateral variations within the porphyry rather than vertical zoning (Megaw, 2001). Megaw summarized that although all holes cut zones with weak to strongly anomalous Mo±Cu mineralisation, none of the intercepts could be considered economic apart from an 8.8m wide zone grading 0.24% Mo in LD2001-39. Airborne magnetic surveys completed in 2007 and 2011 suggest that the Glover Stock may be much more voluminous at depth than what is exposed at surface.

### 7.6.2 Kwanika

In addition, the Stardust property is adjacent to the Kwanika porphyry Cu-Au Deposit owned by Serengeti Resources. The Kwanika Central Zone is about 200 metres from the property boundary and consists of about 100 million tonnes grading 0.31% Cu and 0.32g/t Au.

Drilling carried out in 2007 and 2008 by Hanson in the southwestern regions of the property was targeted at Kwanika-style porphyry mineralisation in this area, but found little of note. For some reason, this work is poorly documented and the location of some holes is unverified. Limited exploration in areas east of the Pinchi Fault has yet to reveal significant porphyry-style mineralisation adjacent to the Kwanika deposit. The entire area west of the Pinchi fault has seen little historic exploration and remains a target for Kwanika style mineralisation.

# 8.0 2017 Exploration

## 8.1 Summary

The 2017 exploration work at Stardust was conducted in two phases; a short reconnaissance in early June, and a programme of soil sampling, ground geophysics and drilling. The first phase was undertaken to assess the state of the roads, the old camp, the old core shack and the core storage area. Much of the time was spent removing old trees that had fallen on the roads. During this time, two days were taken to make a detailed inventory of the old core storage area. Where possible, core boxes were counted,

identified and assessed for damage. A map was drawn up and a plan was made to bolster some of the more damaged stacks of core.

The second phase of the 2017 programme took place between early August and late October. The work consisted of soil sampling, prospecting, rock sampling, induced polarization surveys and the drilling of three diamond drill holes. Some restacking and fortifying of the most vulnerable of the old core stacks was done as well.

In total, during 2017:

- 44 rock and chip samples were taken.
- 744 soils were taken in total; 42 stations recorded a no sample, over a total of 39 line-km.
    - 34 soils in North grid over 2 line-km.
    - 158 in South grid over 8.7 line-km
    - 264 in West grid over 13 line-km
    - 286 in East grid over 15.3 line-km. Most of the no samples were in marshy areas here.
- 3 diamond drill holes were drilled, for a total of 343.51m.
- 28.1 line-km of IP and 28.09 line-km of magnetometer survey were performed.

## 8.2 Geochemistry

### 8.2.1 Soil Sampling

The soil grid was designed to expand upon and extend previous soil grids done in 2003, 2005 and 2011 to better cover the airborne magnetic and ZTEM anomalies that surround the central zone of the Stardust property where most of the historic work has taken place. Each of the 4 grids sampled in 2017 delineated notable soil geochemistry anomalies.

Soil lines were oriented east-west and were emplaced using a handheld GPS. The sample site locations for this grid were based on the E-W, 100m spaced 2005 soil grid and therefore carried forward a few quirks of the past sampling nomenclature, including the lack of a L3N (which seems to be an error in the previous grid). The 2017 lines were spaced 200m apart with samples collected every 50m along the lines using a tree planting shovel or a soil auger to reach the “B” horizon. Sample depth, soil horizon and soil colour were recorded for each sample.

In total, 786 soil sites were located. Soil samples were collected from 744 of these, no suitable soil was discovered at the remaining 42 stations mostly in swampy ground in the E part of the grid next to the Silver Creek road. These bags were marked as “No Sample” and submitted to the lab as part of the sample stream. Though the initial soil sampling programme was for 1200 samples, much of the sampling to the N and SW of the central zones had to be abandoned near the end of October due to inclement weather and snow on steep terrain. The samples were sent to Bureau Veritas Laboratories in Vancouver for analysis. Soil grids and rock samples are shown on figures 8.2.1.1 to 8.2.1.6 and 8.2.2.1 to 8.2.2.6 respectively.

The Eastern section of the grid, which is located to the north of the Valley Zone, extended the compelling multi-element soil anomaly in the NE part of the 2003 grids over another 400m. The two most southern lines of the East grid 2017 sampling outlined a significant area that is anomalous in copper, zinc and lead.

In the southern part of the 2017 grids, a large, multi-element Cu-Mo-Ag-Pb-Zn-Au anomaly that extends south-southwest from the Number 1 Vein was extended. Here, most samples within a ~500m$^2$ area returned anomalous values.

The lines completed in the western section of the 2017 grids identified an ~800m$^2$ area anomalous in Mo and Cu between lines 24N and 18N. In their 2011 recommendations for further work, Alpha Gold listed this area as one of significant potential for further exploration, citing both anomalous soil values and a significant western anomaly in the 2011 ZTEM survey. The 2017 soil sampling furthers the theory that the western part of the Glover stock may have potential as a skarn or porphyry target.

Though only one of several proposed soil lines to the north of the central Stardust zones was completed in 2017 due to inclement weather on steep slopes, the western part of this line contained several samples moderately anomalous in Cu, Mo and Ag; which, when combined with nearby results from 2011 sampling, suggests the need for further prospecting and tighter soil grids in this area, where little historic exploration activity has taken place.

A full summary of soil sampling results can be found in Appendix 8.2.1

### 8.2.2 Rock Sampling

Sites for 2017 rock sampling were chosen largely to follow up on established zones of mineralisation and to fill in some gaps in historic rock sampling. Rock sampling was mostly conducted along existing roads in the central zones scattered samples were also taken throughout the soil grid where interesting rocks were encountered. Limited mapping was also undertaken in order to become oriented with the various historic maps. In total, 38 rock grab samples and 6 rock chip samples were taken. The chip samples were taken along the road-cuts of the Number 2 Manto and the Canyon Creek Skarn (CCS) showings. All samples were sent to Bureau Veritas Vancouver for assay.

The highest values from the 2017 assays were obtained from known showings. Samples from the Number 2 Manto were strongly anomalous to ore-grade in Ag-Au-Zn-Pb-As-Sb and sample 2586706 had the highest gold (10.5g/t), and silver (122.5oz/t) values of any 2017 rock samples. Samples from the Canyon Creek Skarn were strongly anomalous in Cu-Au-Ag. Sample 79679 returned the highest Cu value of the 2017 work returning 3.7% along with 1.5g/t Au and 119g/t Ag. Samples from the Number 3 and 4b Mantos were strongly anomalous in Zn-Pb-Ag-As with some Ag-Au-Cu. A value of 31.5% Zn was obtained from sample 79689 from the Number 4b Manto. This sample was essentially massive sphalerite but contained minor (0.01%) lead. Of samples outside of the known showings, the most interesting may be sample 79697, which was taken from a quartz vein within a road cut of Glover quartz-monzonite from the CCS extension zone and assayed 0.26g/t Au and 0.4% Pb. Table 8.2.2.1 summarizes some of the more interesting results from the samples taken in 2017. All samples discussed above were grab samples and represent ~0.1-1m sample widths. A more detailed description of rock sample results can be found in Appendix 8.2.2

Table 8.2.2.1: Selected 2017 Rock Samples.

| Sample ID | Area | Rock Type | Sample Width/Type | Mo (PPM) | Cu (%) | Pb (%) | Zn (%) | Ag (g/t) | Au (g/t) |
|---|---|---|---|---|---|---|---|---|---|
| 2586705 | #2 Zone | Manto | Grab | 2.6 | 0.037 | 2.65 | 2.09 | 2041 | 5.7899 |
| 2586706 | #2 Zone | Manto | Grab | 4.2 | 0.125 | 10.56 | 0.53 | 4194 | 10.4895 |
| 2586707 | #2 Zone | Manto | 25m Chip | 4.4 | 0.069 | 6.59 | 0.21 | 1007 | 7.3555 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 79677 | CCS | Skarn | Grab | 5.5 | 0.72877 | 0.00389 | 0.0189 | 0.4 | 0 |
| 79678 | CCS | Skarn | Grab | 2.7 | 3.127 | 0.00083 | 0.01 | 93 | 0.9768 |
| 79679 | CCS | Skarn | Grab | 13.8 | 3.733 | 0.00059 | 0.02 | 119 | 1.5031 |
| LDS-1 | CCS | Skarn | 3m Chip | 13.4 | 2.709 | 0.02 | 0.03 | 53 | 0.8888 |
| LDS-2 | CCS | Skarn | 3m Chip | 128.6 | 2.709 | 0.02 | 0.03 | 53 | 0.3802 |
| LDS-3 | CCS | Skarn | 4m Chip | 25.4 | 0.9167 | 0.00215 | 0.0078 | 57.3 | 0.6715 |
| 79697 | CCS ext. | Quartz Vein | Grab | 7 | 0.0231 | 0.38156 | 0.0266 | 39.8 | 0.2572 |
| 79685 | Zone 3 | Manto | Grab | 5.9 | 0.06998 | 0.75853 | 0.8987 | 55 | 4.0111 |
| 79686 | Zone 3 | Manto | Grab | 3.4 | 0.004 | 0.22 | 19.25 | 12 | 0.0289 |
| 79675 | Zone 4B | Manto | Grab | 0 | 0.046 | 10 | 12.61 | 127 | 0.0015 |
| 79676 | Zone 4B | Breccia | Grab | 4.6 | 0.02149 | 0.09536 | 0.2215 | 7 | 0.4504 |
| 79689 | Zone 4B | Manto | Grab | 1 | 0.055 | 0.01226 | 31.55 | 13 | 0.6439 |
| 79690 | Zone 4B | Manto | Grab | 1.7 | 0.107 | 0.01419 | 5.57 | 10 | 0.1607 |

Prospecting and mapping elsewhere on the property revealed the need for an updated property geology map, as discrepancies were sometimes noted between lithologies on the ground and those reported on previous geologic maps. This work should involve a compilation of all mapping work done, with care taken to outline known outcrops, rather than speculation at intervening lithologies. Moreover, new traverses should be made along hillsides and following creeks, rather than just along ridgetops where exposure is more plentiful. A similar structural geology map should also be compiled.

## 8.3 Geophysics

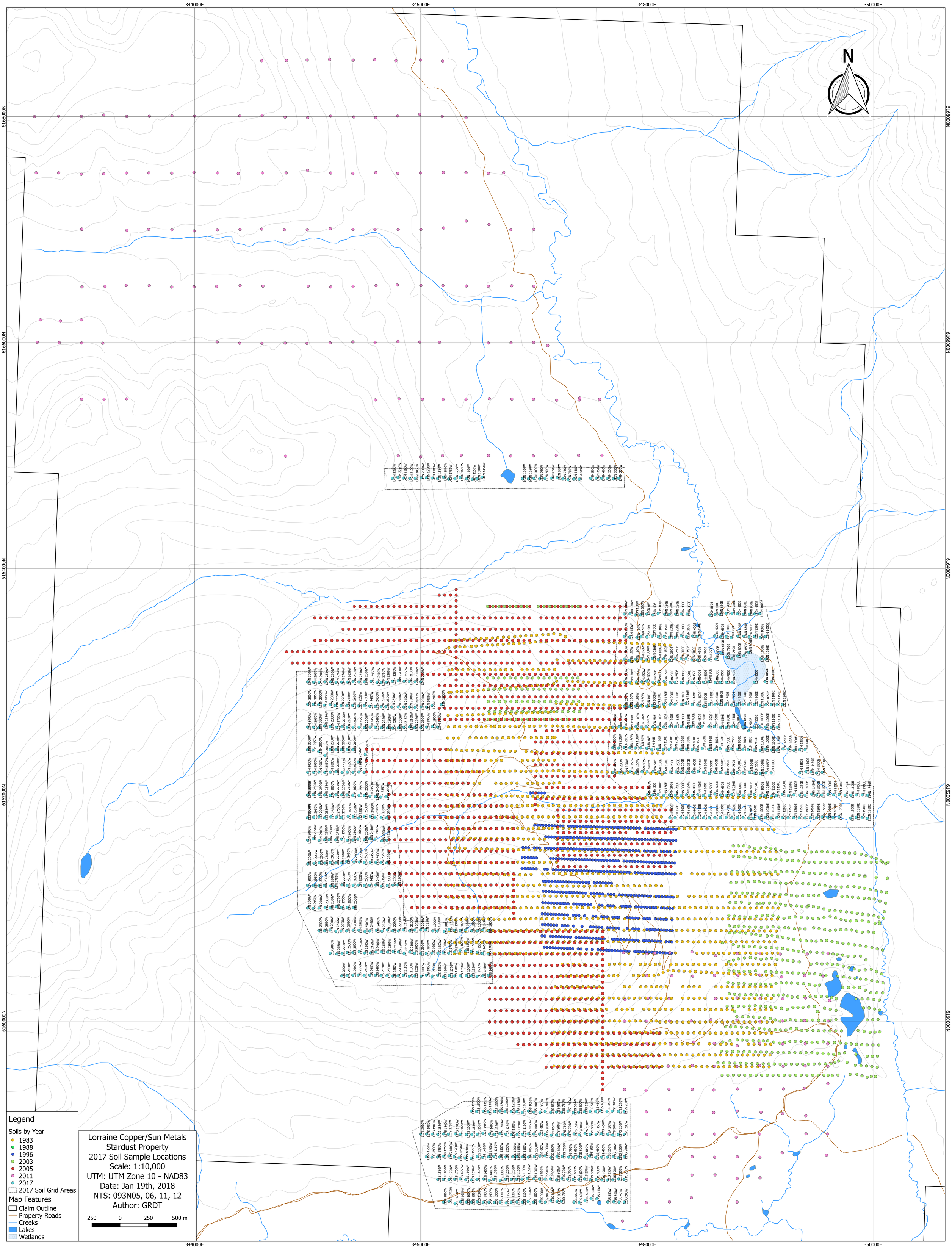
The 2017 geophysical work was performed by Scott Geophysics in September and October. In total, 28.1 line-kilometres of induced polarization (IP) survey and 28.09 line-kilometres of magnetometer survey were performed on nine 3km long, cut, E-W grid lines sighted in by compass and handheld GPS. The lines surveyed were spaced 400m apart along the same grid as for the soil sampling, but covered more of the central zones. IP stations overlapped little with the soil stations; but, where they did, care was taken not to dig soils at the exact same sites as the IP stations to avoid contamination from the copper pots used in the IP survey. Grid locations are shown in Fig 8.3.1.

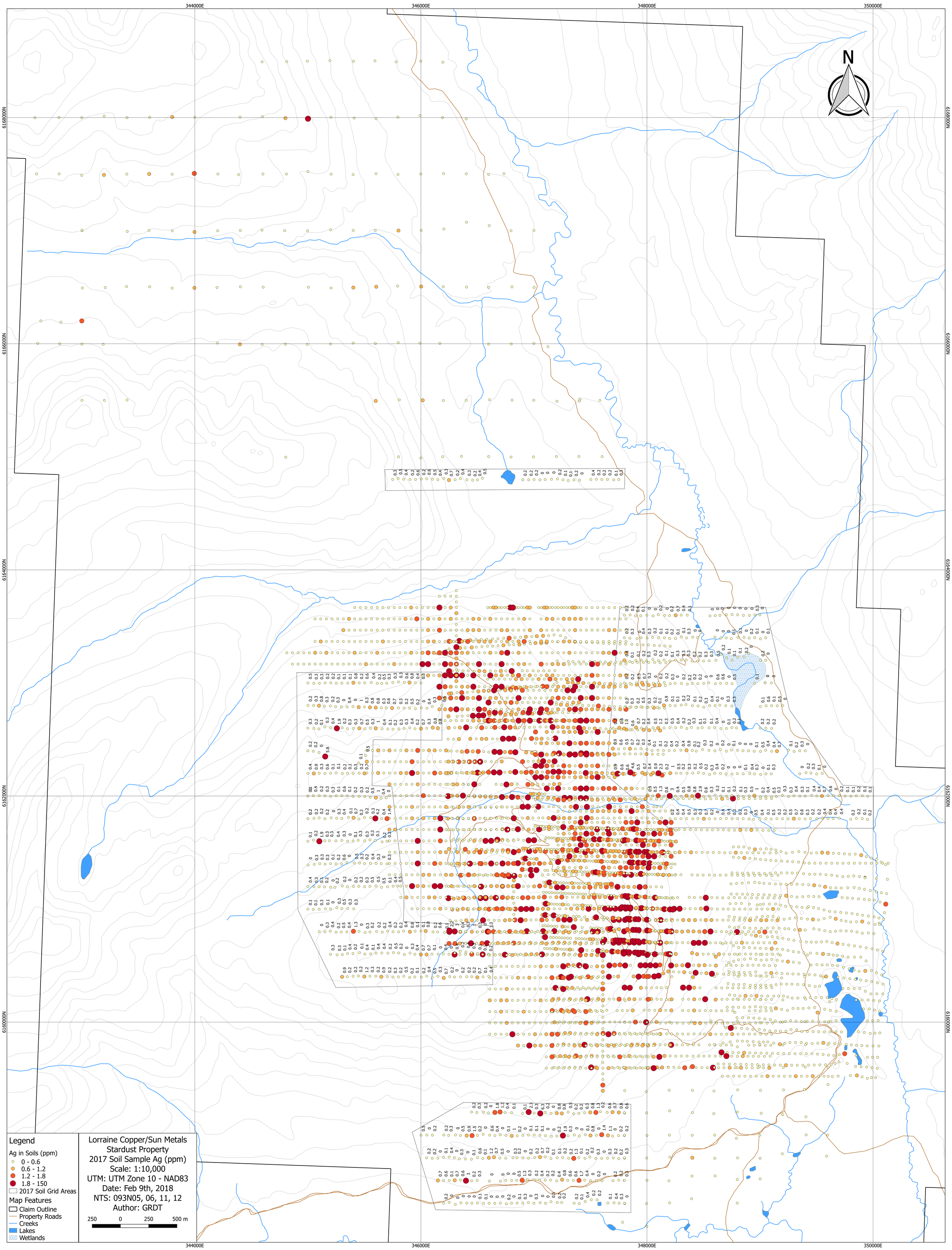
As per Scott Geophysics' description of the survey procedures:

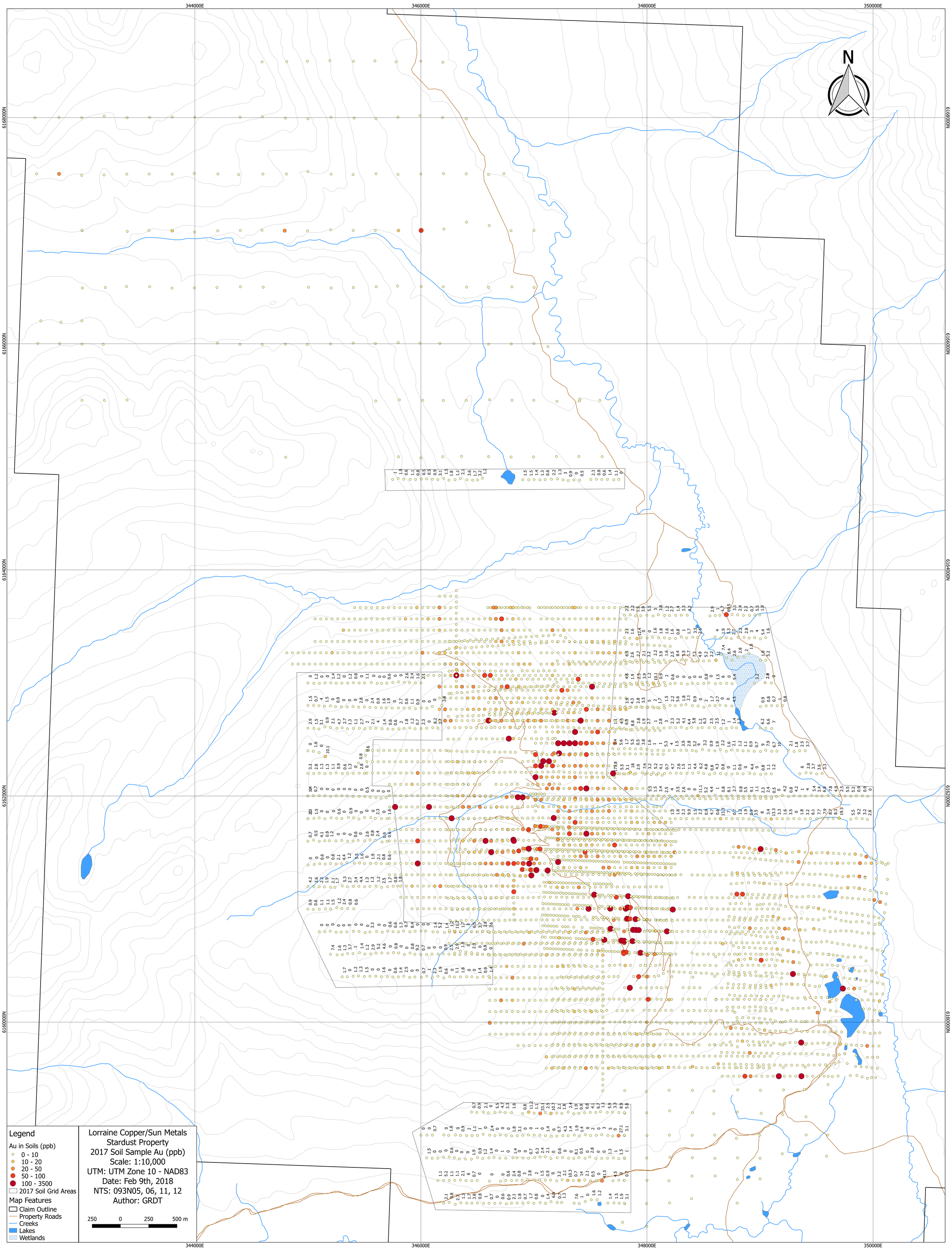
"The pole-dipole array was used for the IP survey. Readings were taken at an "a" spacing of 50m and at "n" separations of 1, 2, 3, 4, and 5, and at an "a" spacing of 100m and at "n" separations of 2.5, 3, 4, 5, 6, 7, and 8 (50/1-5 + 100/3-8). The on line current electrode was located to the east of the potential electrodes.

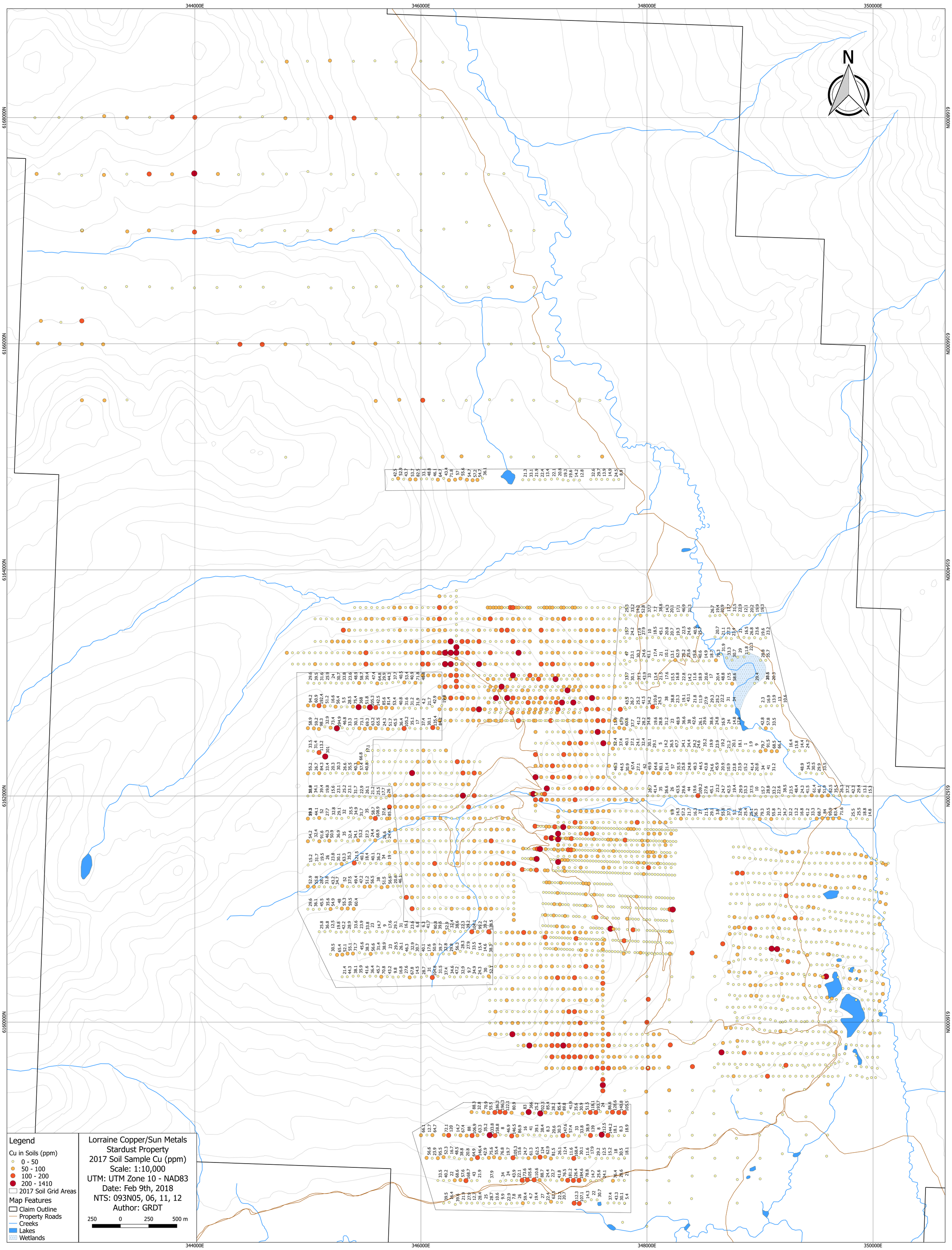
Total field magnetometer readings were routinely taken at 10 metre intervals (reduced to 5 metre intervals in areas with a steep magnetic gradient) and corrected for diurnal variation against a fixed base station cycling at 2 second intervals.

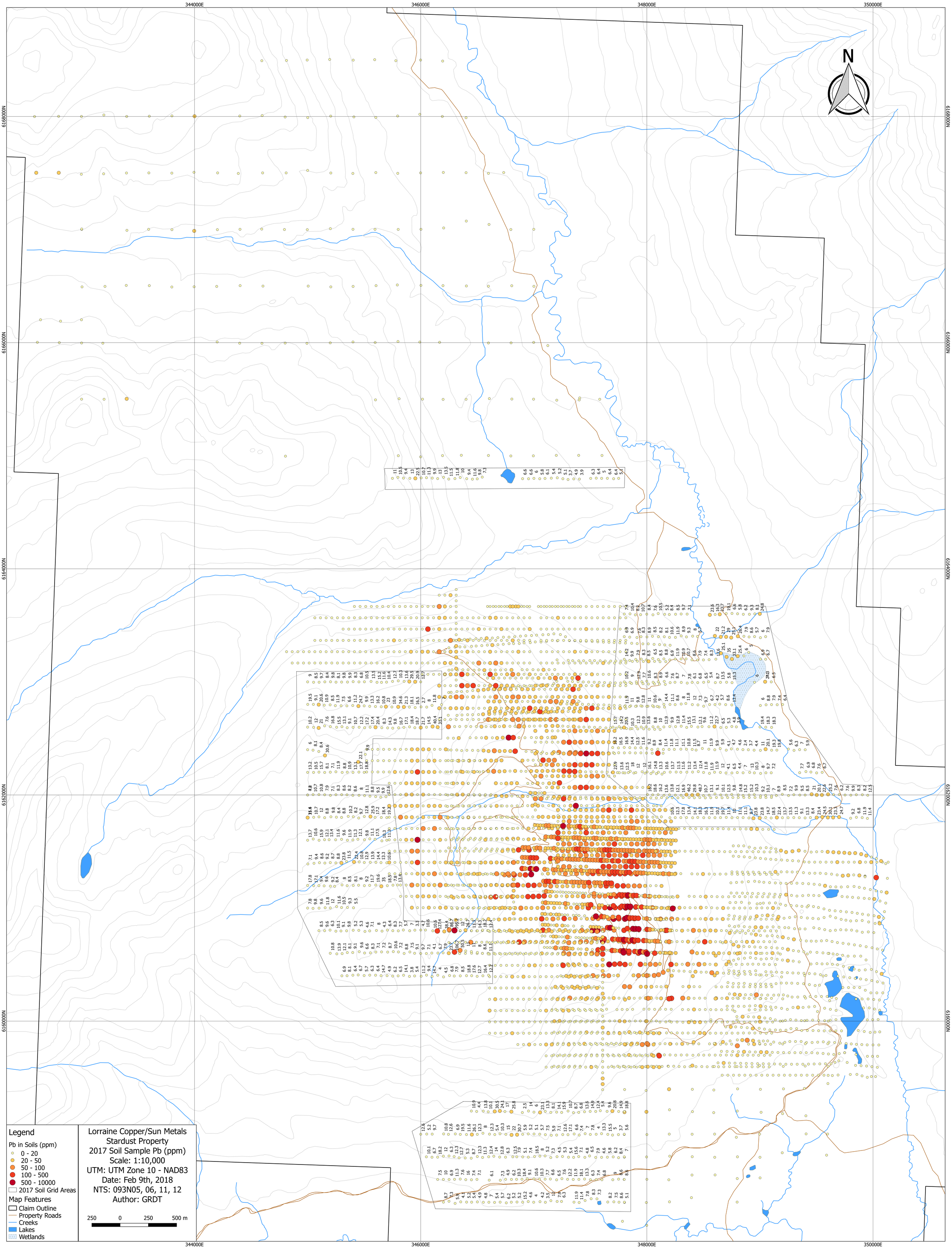
GPS readings were taken at each magnetometer station and at the remote ("infinite") electrode locations, subject to satellite reception. Elevation measurements are barometric altimeter readings, calibrated to GPS altitude at the beginning of each line." (Scott, 2017)

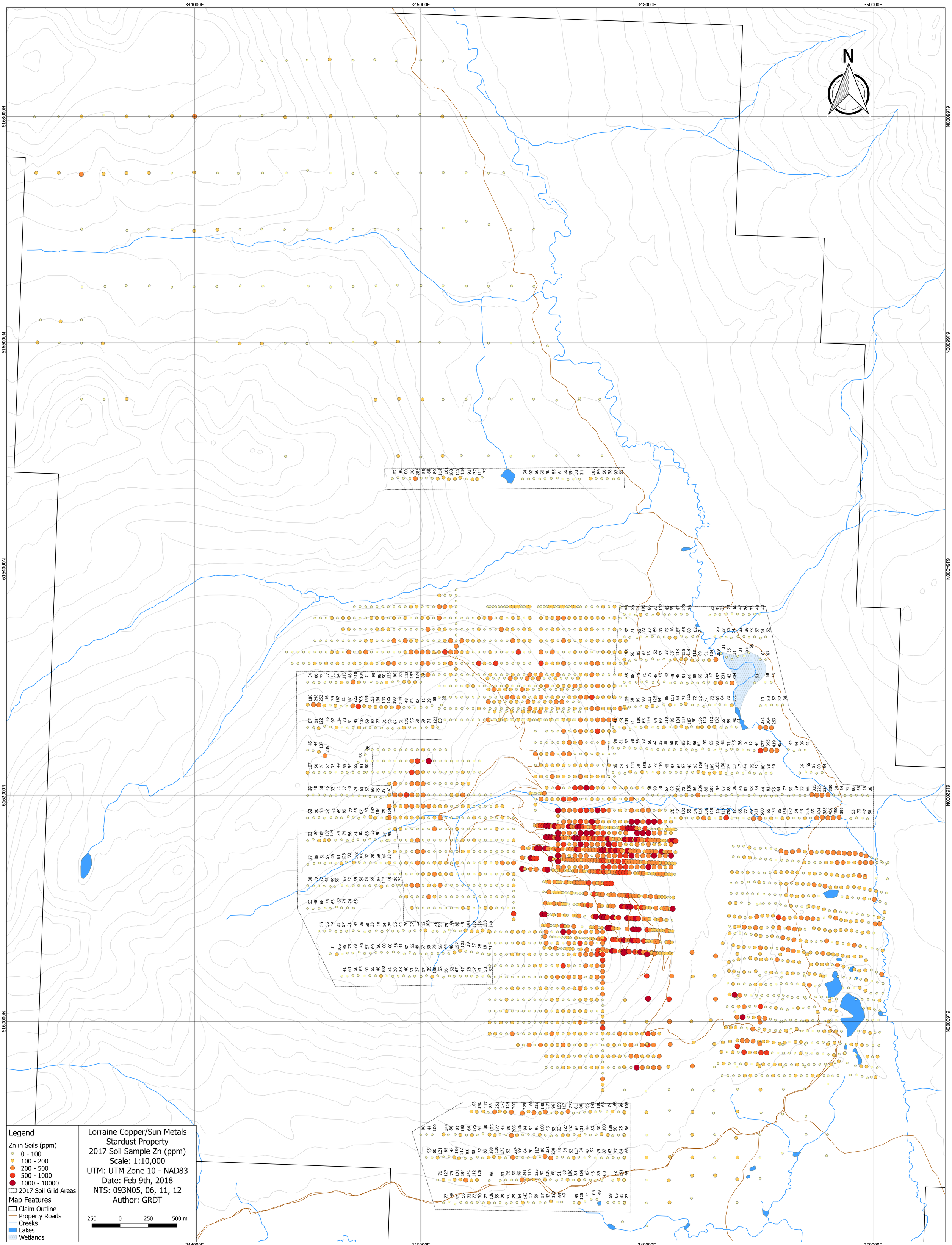

344000E
346000E
348000E
350000E
6168000N
6166000N
6164000N
6162000N
6160000N
N
Legend
Soils by Year
1983
1988
1996
2003
2005
2011
2017
2017 Soil Grid Areas
Map Features
Claim Outline
Property Roads
Creeks
Lakes
Wetlands
Lorraine Copper/Sun Metals
Stardust Property
2017 Soil Sample Locations
Scale: 1:10,000
UTM: UTM Zone 10 - NAD83
Date: Jan 19th, 2018
NTS: 093N05, 06, 11, 12
Author: GRDT
250 0 250 500 m

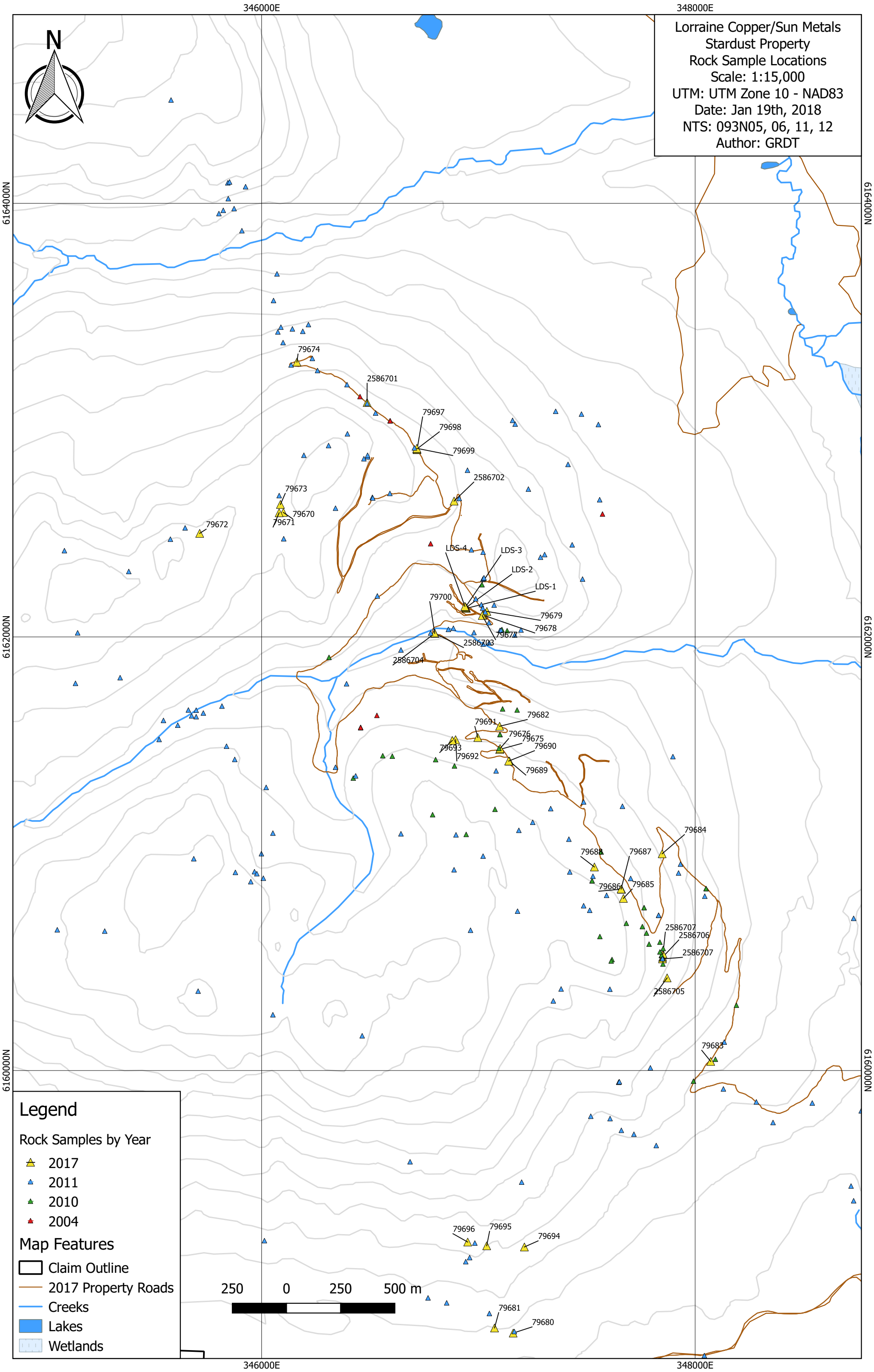

344000E
346000E
348000E
350000E
6168000N
6166000N
6164000N
6162000N
6160000N
N
Legend
Ag in Soils (ppm)
0 - 0.6
0.6 - 1.2
1.2 - 1.8
1.8 - 150
2017 Soil Grid Areas
Map Features
Claim Outline
Property Roads
Creeks
Lakes
Wetlands
Lorraine Copper/Sun Metals
Stardust Property
2017 Soil Sample Ag (ppm)
Scale: 1:10,000
UTM: UTM Zone 10 - NAD83
Date: Feb 9th, 2018
NTS: 093N05, 06, 11, 12
Author: GRDT
250 0 250 500 m


344000E
346000E
348000E
350000E
6168000N
6166000N
6164000N
6162000N
6160000N
N
Legend
Au in Soils (ppb)
0 - 10
10 - 20
20 - 50
50 - 100
100 - 3500
2017 Soil Grid Areas
Map Features
Claim Outline
Property Roads
Creeks
Lakes
Wetlands
Lorraine Copper/Sun Metals
Stardust Property
2017 Soil Sample Au (ppb)
Scale: 1:10,000
UTM: UTM Zone 10 - NAD83
Date: Feb 9th, 2018
NTS: 093N05, 06, 11, 12
Author: GRDT
250 0 250 500 m


344000E
346000E
348000E
350000E
6168000N
6166000N
6164000N
6162000N
6160000N
N
Legend
Cu in Soils (ppm)
0 - 50
50 - 100
100 - 200
200 - 1410
2017 Soil Grid Areas
Map Features
Claim Outline
Property Roads
Creeks
Lakes
Wetlands
Lorraine Copper/Sun Metals
Stardust Property
2017 Soil Sample Cu (ppm)
Scale: 1:10,000
UTM: UTM Zone 10 - NAD83
Date: Feb 9th, 2018
NTS: 093N05, 06, 11, 12
Author: GRDT
250 0 250 500 m


344000E
346000E
348000E
350000E
6168000N
6166000N
6164000N
6162000N
6160000N
N
Legend
Pb in Soils (ppm)
0 - 20
20 - 50
50 - 100
100 - 500
500 - 10000
2017 Soil Grid Areas
Map Features
Claim Outline
Property Roads
Creeks
Lakes
Wetlands
Lorraine Copper/Sun Metals
Stardust Property
2017 Soil Sample Pb (ppm)
Scale: 1:10,000
UTM: UTM Zone 10 - NAD83
Date: Feb 9th, 2018
NTS: 093N05, 06, 11, 12
Author: GRDT
250 0 250 500 m


344000E
346000E
348000E
350000E
6168000N
6166000N
6164000N
6162000N
6160000N
N
Legend
Zn in Soils (ppm)
0 - 100
100 - 200
200 - 500
500 - 1000
1000 - 10000
2017 Soil Grid Areas
Map Features
Claim Outline
Property Roads
Creeks
Lakes
Wetlands
Lorraine Copper/Sun Metals
Stardust Property
2017 Soil Sample Zn (ppm)
Scale: 1:10,000
UTM: UTM Zone 10 - NAD83
Date: Feb 9th, 2018
NTS: 093N05, 06, 11, 12
Author: GRDT
250 0 250 500 m


Lorraine Copper/Sun Metals
Stardust Property
Rock Sample Locations
Scale: 1:15,000
UTM: UTM Zone 10 - NAD83
Date: Jan 19th, 2018
NTS: 093N05, 06, 11, 12
Author: GRDT
N
346000E
348000E
6164000N
6162000N
6160000N
79674
2586701
79697
79698
79699
2586702
79673
79670
79671
79672
LDS-4
LDS-3
LDS-2
LDS-1
79700
79679
79678
79677
2586703
2586704
79682
79691
79676
79675
79690
79693
79692
79689
79684
79688
79687
79686
79685
2586707
2586706
2586707
2586705
79683
79696
79695
79694
79681
79680
250 0 250 500 m
Legend
Rock Samples by Year
2017
2011
2010
2004
Map Features
Claim Outline
2017 Property Roads
Creeks
Lakes
Wetlands

Lorraine Copper/Sun Metals
Stardust Property
2017 Ag in Rocks (ppm)
Scale: 1:10,000
UTM: UTM Zone 10 - NAD83
Date: Feb 9th, 2018
NTS: 093N05, 06, 11, 12
Author: GRDT

346000E 347000E 348000E

6163000N 6162000N 6161000N 6160000N

N

0.2
39.8
0.6
0.7
0.9
0.2
0.2
0.1
0.1
12.5
57.3
29.9
56.5
0.6
119
93
0.4
0.3
0.6
1.2
0.3
7
127
10
2.9
3.4
13
0.7
0
0.1
12
55
1007
4194
1007
2041
0
0.2
0.3
0.4

250 0 250 500 m

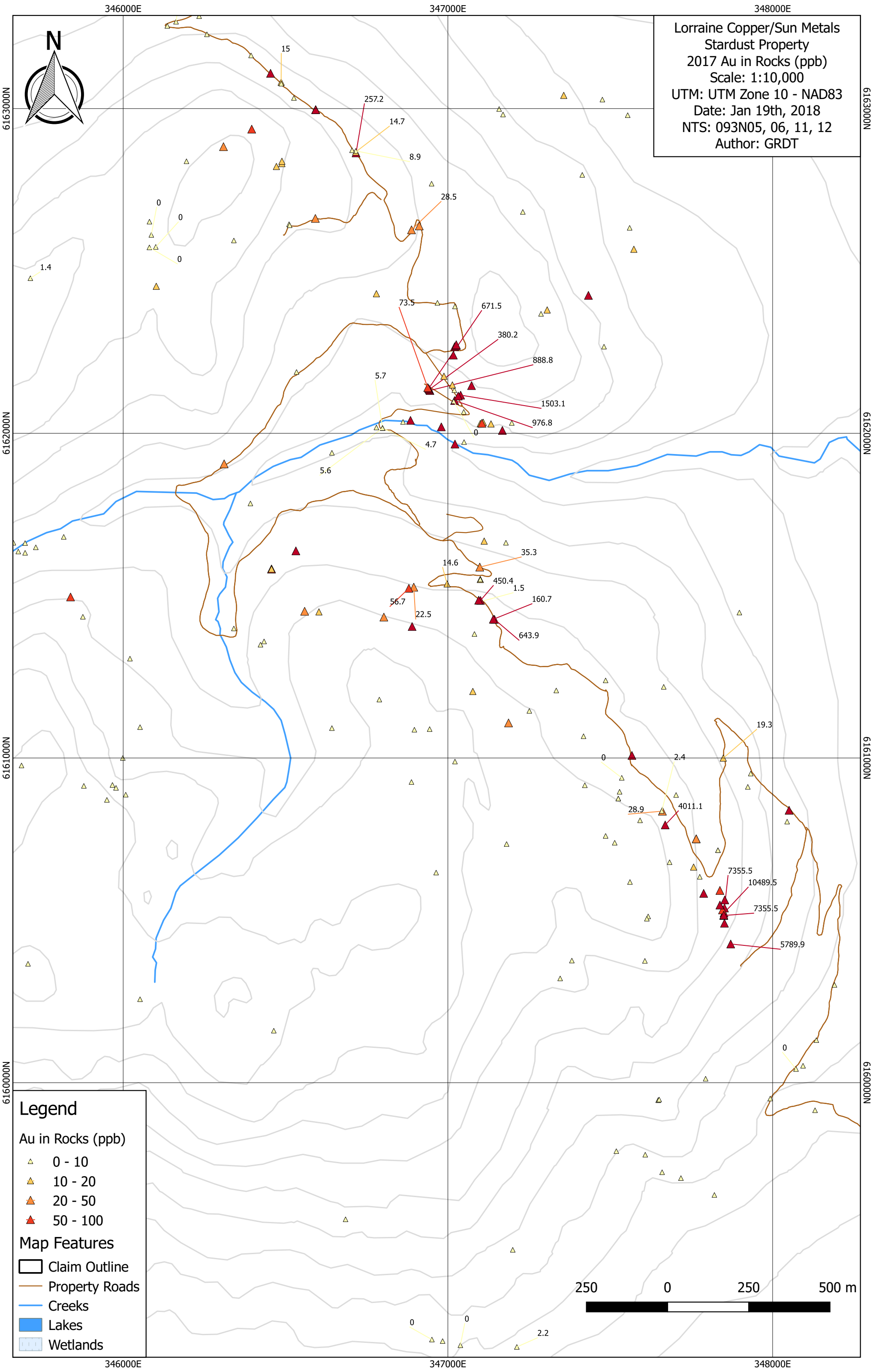
## Legend

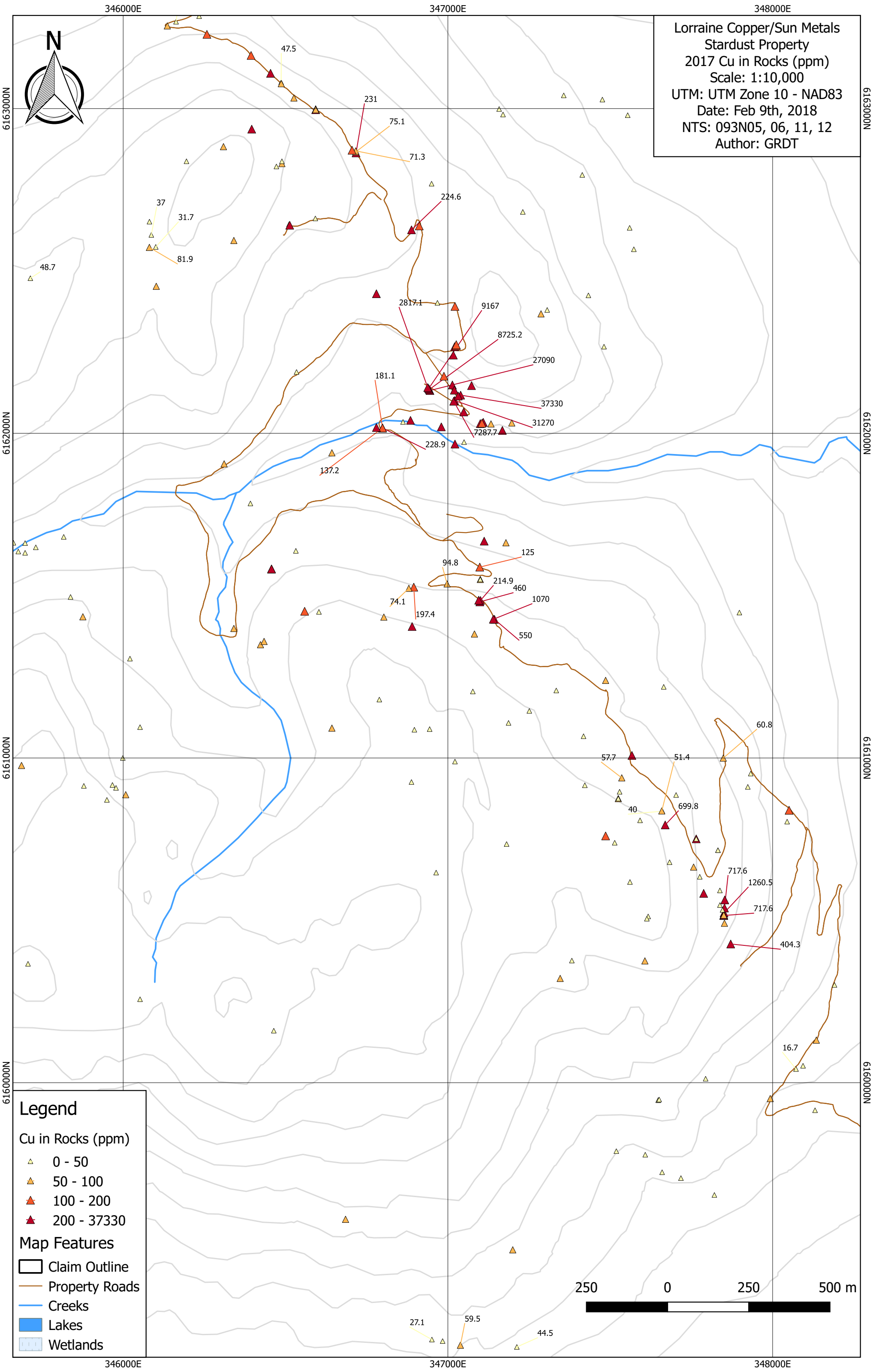
Ag in Rocks (ppm)

- 0.0 - 0.6
- 0.6 - 1.2
- 1.2 - 1.8
- 1.8 - 4194.0

Map Features

- Claim Outline
- Property Roads
- Creeks
- Lakes
- Wetlands


Lorraine Copper/Sun Metals
Stardust Property
2017 Au in Rocks (ppb)
Scale: 1:10,000
UTM: UTM Zone 10 - NAD83
Date: Jan 19th, 2018
NTS: 093N05, 06, 11, 12
Author: GRDT
N
346000E
347000E
348000E
6163000N
6162000N
6161000N
6160000N
15
257.2
14.7
8.9
28.5
0
0
0
1.4
73.5
671.5
380.2
888.8
5.7
1503.1
976.8
0
4.7
5.6
35.3
14.6
450.4
1.5
160.7
56.7
22.5
643.9
19.3
0
2.4
28.9
4011.1
7355.5
10489.5
7355.5
5789.9
0
0
0
2.2
Legend
Au in Rocks (ppb)
0 - 10
10 - 20
20 - 50
50 - 100
Map Features
Claim Outline
Property Roads
Creeks
Lakes
Wetlands
250
0
250
500 m


Lorraine Copper/Sun Metals
Stardust Property
2017 Cu in Rocks (ppm)
Scale: 1:10,000
UTM: UTM Zone 10 - NAD83
Date: Feb 9th, 2018
NTS: 093N05, 06, 11, 12
Author: GRDT
N
346000E
347000E
348000E
6163000N
6162000N
6161000N
6160000N
47.5
231
75.1
71.3
224.6
37
31.7
81.9
48.7
2817.1
9167
8725.2
27090
181.1
37330
31270
7287.7
228.9
137.2
125
94.8
214.9
460
1070
74.1
197.4
550
60.8
57.7
51.4
40
699.8
717.6
1260.5
717.6
404.3
16.7
27.1
59.5
44.5
250
0
250
500 m
Legend
Cu in Rocks (ppm)
0 - 50
50 - 100
100 - 200
200 - 37330
Map Features
Claim Outline
Property Roads
Creeks
Lakes
Wetlands

Lorraine Copper/Sun Metals
Stardust Property
2017 Pb in Rocks (ppm)
Scale: 1:10,000
UTM: UTM Zone 10 - NAD83
Date: Feb 9th, 2018
NTS: 093N05, 06, 11, 12
Author: GRDT

346000E 347000E 348000E

6163000N 6162000N 6161000N 6160000N

N

5.5
3815.6
75.4
28.9
37.6
4.7
7.8
7.1
15.2
13.9
21.5
91.7
162.7
64
5.9
8.3
38.9
9.8
37.5
146.6
6.6
953.6
10000
141.9
509.3
116.5
122.6
14.7
4.2
12.1
2116.2
7585.3
65900
105600
65900
26500
6.7
8.1
20.4
7.9

250 0 250 500 m

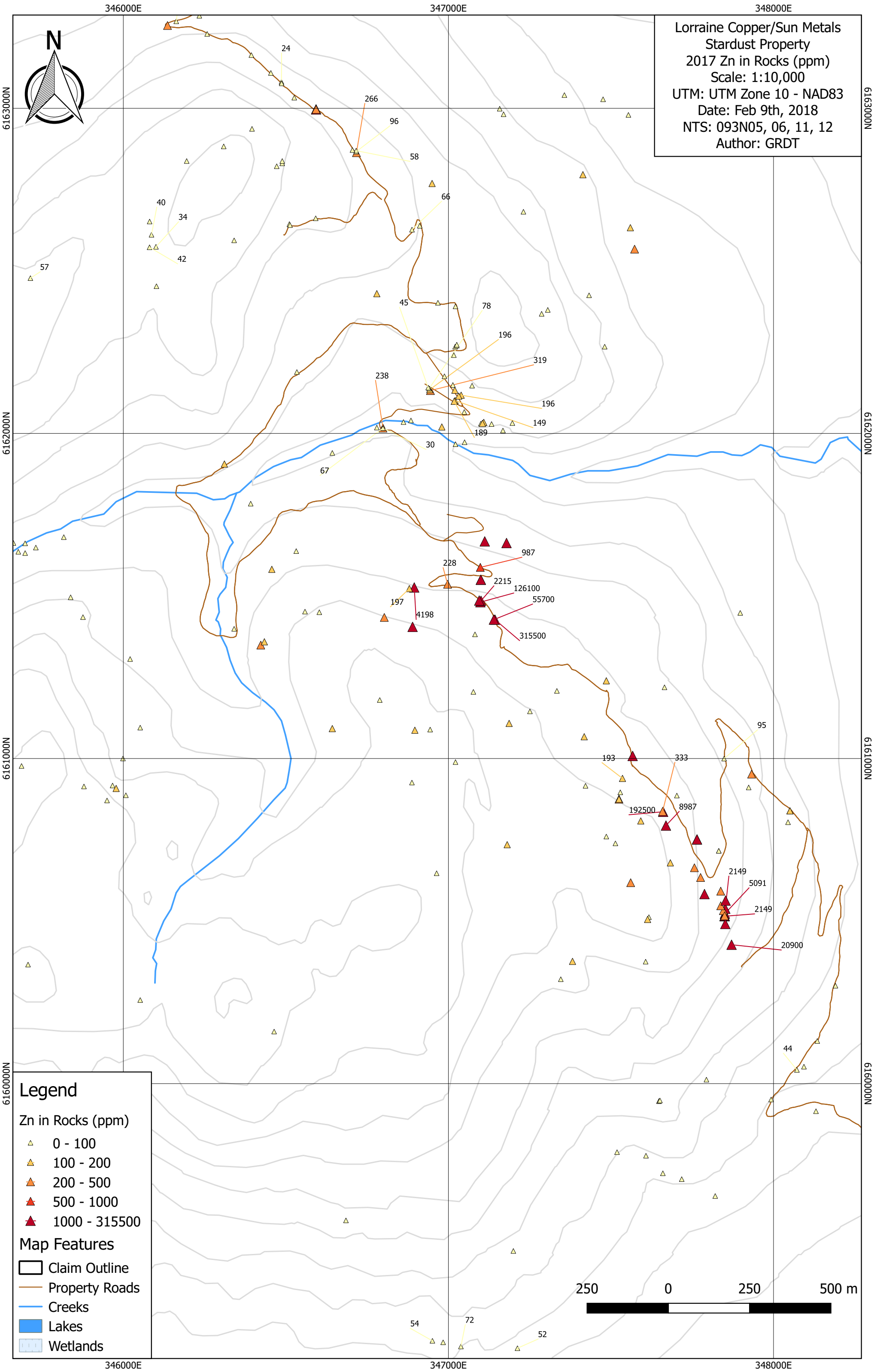
## Legend

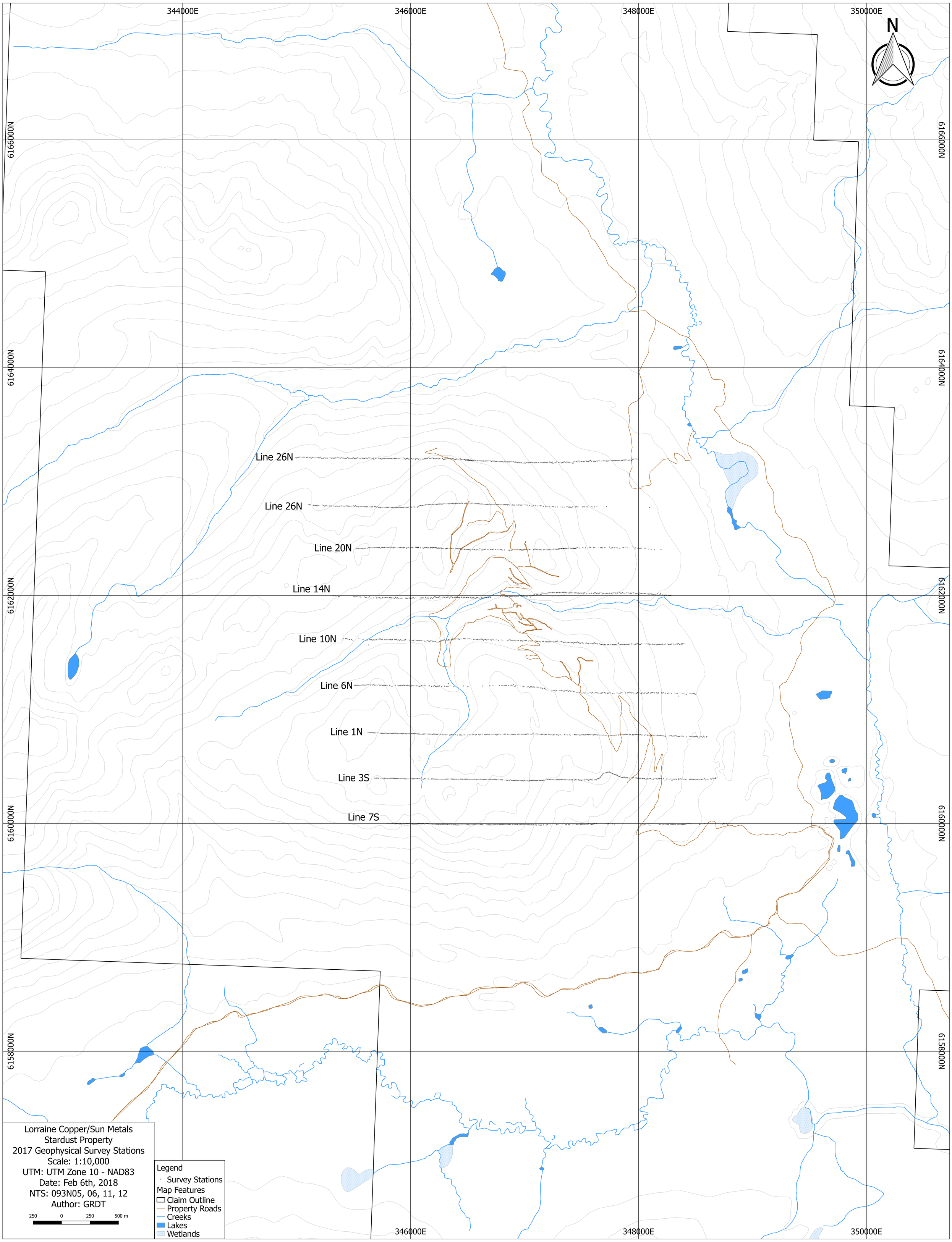
Pb in Rocks (ppm)

- 0 - 20
- 20 - 50
- 50 - 100
- 100 - 500
- 500 - 105600

Map Features

- Claim Outline
- Property Roads
- Creeks
- Lakes
- Wetlands


Lorraine Copper/Sun Metals
Stardust Property
2017 Zn in Rocks (ppm)
Scale: 1:10,000
UTM: UTM Zone 10 - NAD83
Date: Feb 9th, 2018
NTS: 093N05, 06, 11, 12
Author: GRDT
N
346000E
347000E
348000E
6163000N
6162000N
6161000N
6160000N
24
266
96
58
66
40
34
42
57
45
78
196
319
238
196
149
189
30
67
987
228
2215
126100
55700
197
4198
315500
95
193
333
192500
8987
2149
5091
2149
20900
44
54
72
52
Legend
Zn in Rocks (ppm)
0 - 100
100 - 200
200 - 500
500 - 1000
1000 - 315500
Map Features
Claim Outline
Property Roads
Creeks
Lakes
Wetlands
250
0
250
500 m


344000E
346000E
348000E
350000E
N
6166000N
6164000N
6162000N
6160000N
6158000N
Line 26N
Line 26N
Line 20N
Line 14N
Line 10N
Line 6N
Line 1N
Line 3S
Line 7S
Lorraine Copper/Sun Metals
Stardust Property
2017 Geophysical Survey Stations
Scale: 1:10,000
UTM: UTM Zone 10 - NAD83
Date: Feb 6th, 2018
NTS: 093N05, 06, 11, 12
Author: GRDT
250 0 250 500 m
Legend
Survey Stations
Map Features
Claim Outline
Property Roads
Creeks
Lakes
Wetlands

346000E 347000E 348000E 349000E 350000E

6163000N 6162000N 6161000N 6160000N

N

LD2017-01

LD2017-02

LD2017-03

## Legend

### Drill Holes by Year

- 1966
- 1990s
- 2000 - 2005
- 2005 - 2010
- 2017
- 2006 RC Collars

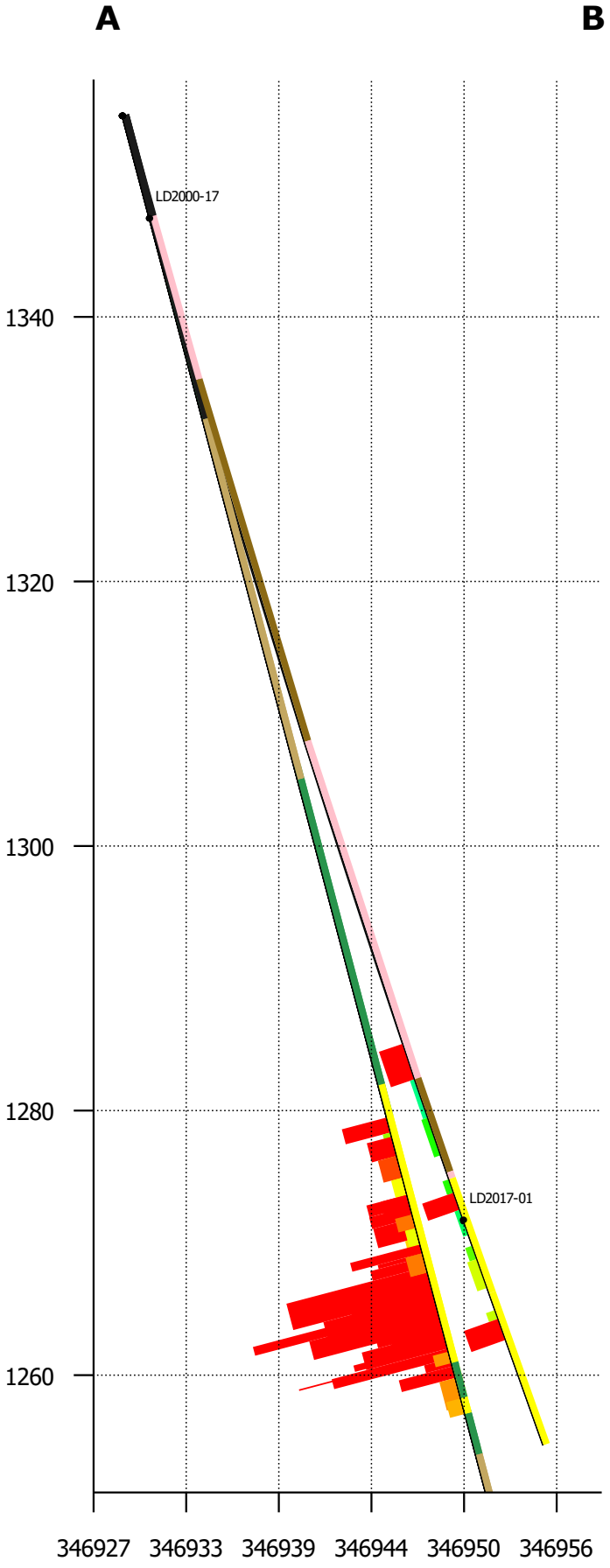
### Map Features

- Claim Outline
- Property Roads
- Creeks
- Lakes
- Wetlands

Lorraine Copper/Sun Metals
Stardust Property
Drill Collar Locations
Scale: 1:10,000
UTM: UTM Zone 10 - NAD83
Date: Feb 9th, 2018
NTS: 093N05, 06, 11, 12
Author: GRDT

250 0 250 500 m

346000E 347000E 348000E 349000E 350000E




# LD2017-01

## Legend

**Au_ppm**

0 0.1 0.2 0.3 0.4

**Lith**

- ARG
- SP
- DYKE
- MD
- OB
- SK

## Location

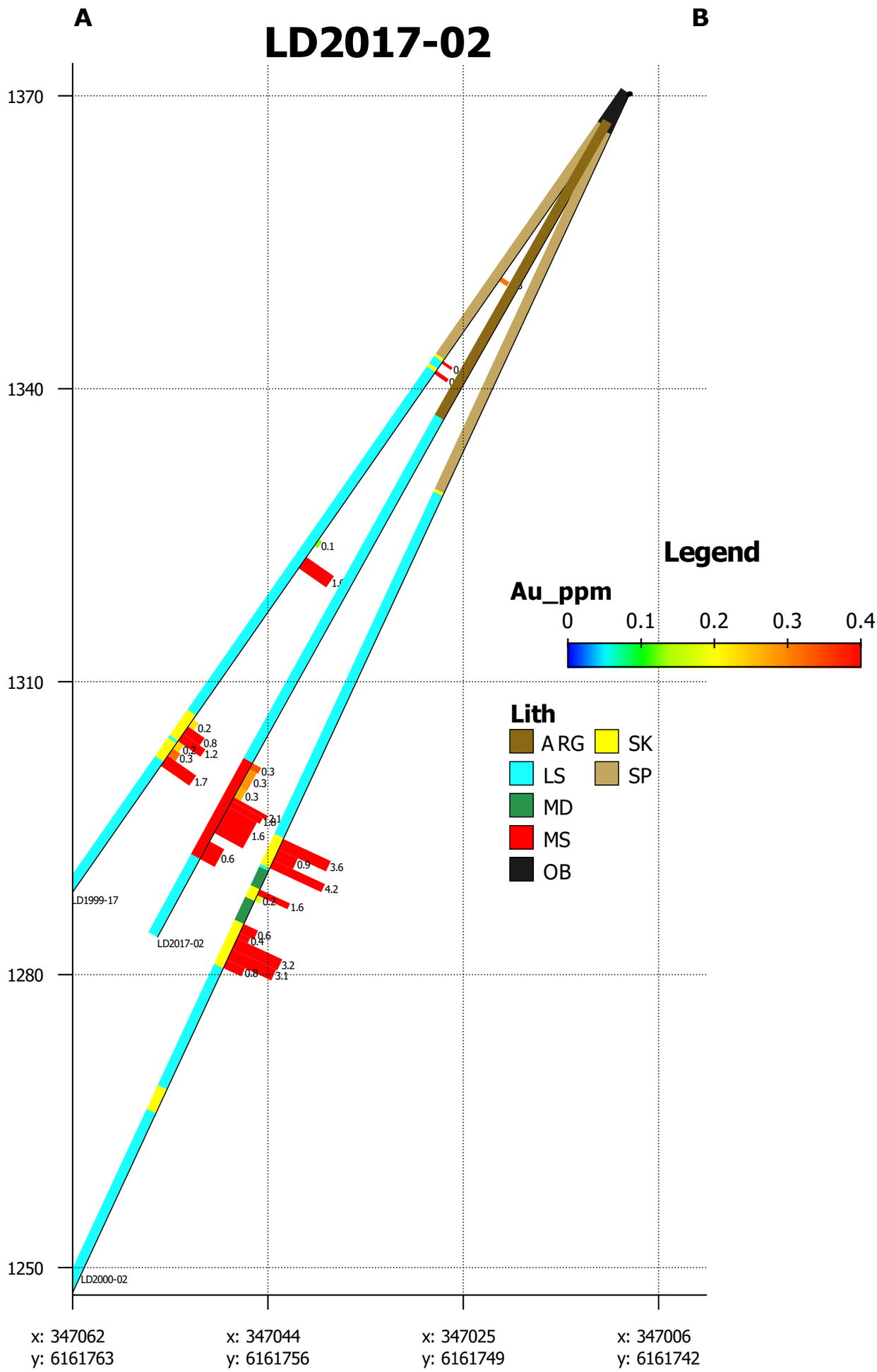
A: 346927, 6162151

B: 346959, 6162173

Scale: 1:500

Vertical exaggeration: 1x

0m 15m




Scale: 1:500

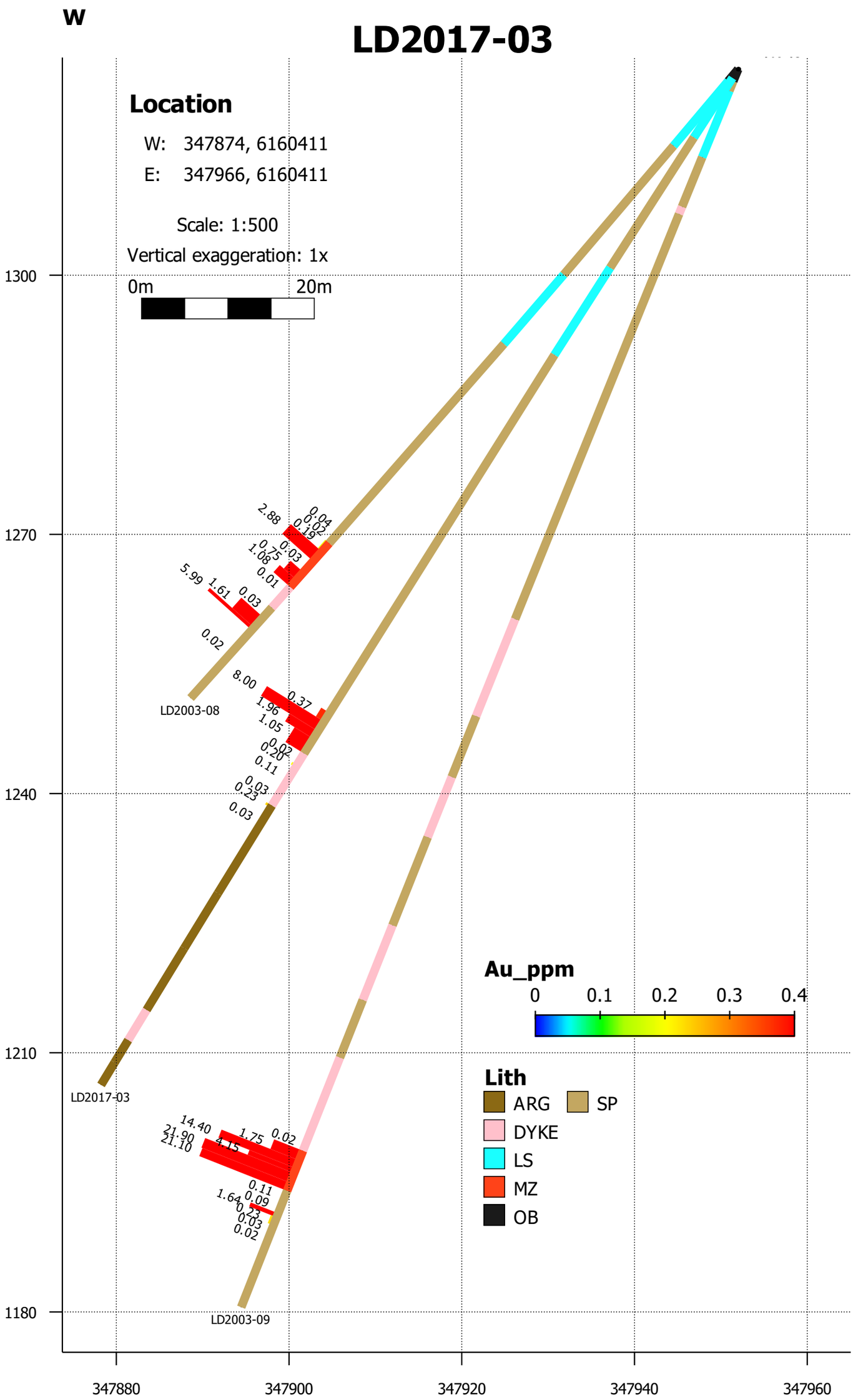
Vertical exaggeration: 1x

0m 20m

## Location

A: 347062, 6161763

B: 347001, 6161740


W
LD2017-03
Location
W: 347874, 6160411
E: 347966, 6160411
Scale: 1:500
Vertical exaggeration: 1x
0m
20m
1300
1270
1240
1210
1180
347880
347900
347920
347940
347960
LD2003-08
LD2017-03
LD2003-09
2.88
0.04
0.07
0.19
0.75
0.03
1.08
0.01
5.99
1.61
0.03
0.02
8.00
0.37
1.96
1.05
0.02
0.20
0.11
0.03
0.23
0.03
14.40
21.90
21.10
1.75
0.02
4.15
0.11
0.09
1.64
0.23
0.03
0.02
Au_ppm
0
0.1
0.2
0.3
0.4
Lith
ARG
SP
DYKE
LS
MZ
OB

Induced polarization (IP) and magnetometer (mag) results from the 2017 surveys provided enhanced resolution over the central Stardust zones when compared to existing geophysical anomalies delineated in the 2011 and 2008 airborne surveys. Chargeability and resistivity characteristics seem to fit well with mapped geology and should provide a useful tool to instruct further drilling. Full analysis of geophysical data is ongoing. Geophysical cross-sections and level plans can be found in Appendix 8.3.

## 8.4 Drilling

### 8.4.1 Summary

In October of 2017, a three-hole drill programme was conducted on the Stardust property in order to verify previous drill results as part of a due diligence exercise conducted by the optionee (Sun Metals). Holes were drilled into three locations of previously known mineralisation; copper-gold-silver-zinc in skarn and manto/transitional zones in the Canyon Creek deposit, and silver-gold in the No.1 Vein. Drill site locations are shown in Fig. 8.4.1.

Paycore Enterprises Ltd. of McBride, BC were contracted to conduct the drilling. They drilled from October 11-18, coring a total of 343.51 metres. The drilling generally went well, though ground conditions were often poor, resulting in low recoveries and lower production. A blown engine occurred on the second day of drilling, but was replaced within a day. During the drilling of the final hole, falling temperatures decreased the water supply and led to several delays while drillers waited for the sump to refill.

Table 8.4.1.1 2017 Stardust Drill Holes

| **Hole ID** | **Area** | **UTM E (NAD 83 Z10)** | **UTM N (NAD 83 Z10)** | **Elevation (m)** | **Depth (m)** | **Azimuth** | **Dip** | **Dates** |
|---|---|---|---|---|---|---|---|---|
| LD17-01 | CC Skarn | 346929 | 6162152 | 1358 | 105.46 | 55 | -75 | Oct 11-13, 2017 |
| LD17-02 | 4B Manto | 347007 | 6161748 | 1364 | 99.06 | 70 | -60 | Oct 14-15, 2017 |
| LD17-03 | No. 1 Vein | 3479952 | 6160394 | 1323 | 138.99 | 270 | -57 | Oct 18-20, 2017 |

All core was sampled and a total of 144 samples were sent to Bureau Veritas Minerals Laboratory in Vancouver for analysis. The core was cut with a rock saw with one half sent for analysis and the other half retained in the core box. The core is currently stored at Tsayta Lake Lodge. Prepared samples and sample blanks were inserted into the sample stream at a ratio of approximately one per twenty. One duplicate sample was also collected, where both halves of the cut core were sent for analysis.

Assay results were similar to those found in nearby intercepts in historic holes. Some significant intercepts are summarized in Table 8.4.1.1. Drill logs and full assay results can be found in Appendix 8.4

Table 8.4.1.2: Selected 2017 Drill Intercepts.

| **Hole ID** | From (m) | To (m) | Length (m) | True Width (m) | Cu (%) | Zn (%) | Pb (%) | Ag (g/t) | Au (g/t) |
|---|---|---|---|---|---|---|---|---|---|
| **LD2017-01** | 94.6 | 97 | 2.4 | 1.56 | 0.61 | 0.1 | 0.07 | 13.6 | 0.57 |
| including | 95.3 | 97 | 1.69 | 1.1 | 0.83 | 0 | 0 | 16.6 | 0.74 |
| **LD2017-02** | 82.7 | 89.9 | 7.22 | 5.88 | 0.46 | 2.1 | 0.29 | 117.7 | 1.15 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| including | 82.7 | 87.9 | 5.15 | 4.22 | 0.44 | 3 | 0.4 | 156.6 | 1.36 |
| **LD2017-03** | 89.5 | 93.9 | 4.37 | 2.12 | 0.02 | 1.1 | 0.25 | 332.6 | 3.36 |
| including | 89.5 | 90.8 | 1.32 | 0.71 | 0.05 | 2.1 | 0.6 | 856 | 8 |

### 8.4.2 LD2017-01

The first hole of the programme, LD2017-01, was drilled into skarn mineralisation in the Canyon Creek Deposit, located in the north-central part of the Stardust property, on the north side of Canyon Creek. The 2017 hole was drilled from the same site as historical holes LD2000-13 and 17, which returned impressive mineralised intervals of 9.76 metres of 3.77g/t gold, 49.5g/t silver, 3.13% copper and 1.04% zinc: and 9.28 metres of 3.52g/t gold, 30.6g/t silver, 1.86% copper and 0.90% zinc, respectively.

LD2017-01 was drilled between these two holes at an azimuth of 055° and a dip of -75° to a depth of 105.46 metres. Drilling began on October 11 and finished on October 14. The brand-new engine on the drill failed at the start of the second shift and a day was lost as a replacement was brought in.

The hole was collared into a porphyritic monzonite dyke that ran from 7.92 to 20.75 metres, which contained feldspar phenocrysts up to one centimetre in size, then intersected a grey silicified argillite to 49.3 metres. The argillite was silicified and/or cherty with 2-5mm wide bands of light to dark brown and green garnet and diopside calc-silicates throughout. Most of this interval was badly broken with local slickensides noted. Sulfide content was low. Below the silicified argillite the hole encountered another porphyritic monzonite dyke to 76.13 metres, this time with pyrite to 1% as disseminations and veinlets.

From 76.13 to 83.6 metres the hole encountered another grey silicified/cherty argillite interval, which contained several skarn intervals up to 45 centimetres in length. The skarn consisted of banded fine-grained brown-pink garnet and green diopside containing up to 5% pyrite.

The main skarn body was intersected between 83.6 metres and the end of the hole at 105.48 metres. Most of the skarn was composed of the fine-grained variety noted above though coarser green garnets occurred locally. Magnetite was locally common in parts of the zone with local dark grey-purple quartz veins also noted. Local unmineralised grey silicified argillite intervals, to 2.3 metres, occurred within the skarn unit. The skarn mineralisation consisted of pyrite that ranged up to 5%, and chalcopyrite that reached 3% in the upper part of the zone.

Analytical results for the LD17-01 skarn were distinctly lower than in the two adjacent holes, returning a best result of 2.4 metre interval (94.6- 97.0m) averaging 0.61% copper, 0.1% zinc, 0.57g/t gold and 13.6 g/t silver. It is thought that this is due to the commonplace irregular nature of skarn type mineralization.

### 8.4.3 LD2017-02

The second hole of the programme targeted manto/transitional mineralisation on the south side of Canyon Creek, which is also part of the Canyon Creek Deposit. Hole LD2017-02 was located on the same site as previous holes LD1999-17 and LD2000-02. The former returned 5.8 metres averaging 0.81g/t gold, 11.6g/t silver, 0.88% copper and 18.84% zinc; the latter encountered three zones of mineralisation: 3.3 metres of 2.74g/t gold, 59.1g/t silver, 0.43% copper and 3.89% zinc; 1.3 metres of 0.90g/t gold, 27.9g/t silver, 0.75% copper and 0.04% zinc; and 3.35 metres of 2.52g/t gold, 328.6g/t silver, 0.50% copper and 10.38% zinc.

Hole LD2017-02 was oriented at azimuth 070°, was inclined to -60° and went to a depth of 99.06 metres. The drilling of this hole went well and it was completed in three shifts on October 14th and 15th. The hole collared in light grey sericite? altered argillite that had a similar appearance to the argillite in LD2017-01 but was less siliceous. It also featured the brown biotite/garnet banding as the first hole. Locally these brown bands formed a matrix in breccia zones hosting angular grey argillite fragments. Pyrite and lesser pyrrhotite, up to 3% in some intervals, occurred throughout the interval.

Below the argillite, from 36.43 metres to the end of the hole, grey limestone was encountered. This was a massive unit that was moderately to dark grey in colour with a fine distinctive "salt and pepper" texture. Only rare pyrite was noted.

The mineralised manto/transitional unit was intercepted within the limestone from 78.68 to 89.92 metres, an interval of 13.32 metres. Mineralisation was hosted in medium-grained light-green garnet and consisted of fine to medium grained pyrite, which locally made up 100% of the core. The pyrite in such intervals was coarse grained and rubbly, which made for local poor core recovery. Black sphalerite occurred in the bottom half of the interval, ranging up to 5%, while chalcopyrite occurred throughout in amounts up to 3%, with pyrrhotite common in the upper part of the sulfide interval.

A 7.22 metre interval from the lower part of the manto (82.7-89.9 metres) averaged 2.1% zinc, 0.46% copper, 0.29% lead, 117.7g/t silver and 1.15g/t gold. Individual samples from within this returned zinc to 4.16%, silver to 382g/t, copper to 1.42% and lead to 0.54%. This zone is also associated with strongly anomalous cobalt (to 270ppm), antimony (>2000ppm) and bismuth (to 839ppm), gallium (to83ppm) and tungsten (83ppm).

### 8.4.4 LD2017-03

The southernmost and final hole of the programme, LD2017-03, targeted the No.1 vein mineralisation intercepted in previous drill holes LD2003-08 and 09. Hole LD2003-08 returned two mineralised intervals; 5.50 metres averaging 1.17g/t gold, 458.1g/t silver, 0.73% lead and 0.72% zinc, and a further 2.0 metres of 2.66g/t gold, 814.8g/t silver, 0.99% lead and 0.68% zinc. Hole LD2000-09 also encountered two mineralised sections; 5.0 metres of 13.27g/t gold, 898.6g/t silver, 1.11% lead, and 5.7% zinc, and 0.5 metres averaging 1.64g/t gold, 13.7g/t silver and 0.44% zinc.

LD2017-03 was set up on the same drill site and was oriented to drill between holes LD2003-08 and 09, at azimuth 270° and a -50° inclination. It went to a final depth of 138.99 metres. Production on this hole was hindered by the onset of freezing temperatures which decreased flow into the collection sump, such that parts of the night shift were lost waiting for it to refill. Furthermore, the rock in this hole was very broken which led to difficult drilling and compromised recoveries. The hole was completed between October 15th to 18th.

For the most part, LD2017-03 encountered strongly sheared and graphitic phyllite, siltstone and limestone units which appear to have been tectonically juxtaposed within a wide fault zone. The core was generally badly broken along low core-angle fractures which were commonly graphitic. Several monzonite dykes were also encountered; most notably from 92.87 to 100.92 metres, where the dyke serves as a "marker unit", around which the No.1 Vein mineralisation occurs. From 89 metres to the dyke the core is largely composed of black graphitic mud which contains zones with up to 20% fine pyrite as well as other sulfides. Below the dyke to 105.2 metres, zones of black graphitic argillite and clay with up to 1% pyrite, and broken white quartz veins to one centimetre occur. These are the only quartz veins noted within the Number 1 Vein Zone.

Below this mineralised zone, broken graphitic argillite and siltstone were encountered to the bottom of the hole at 138.99m metres.

The best results of this hole were from the graphitic mud above the dyke, from which a 4.37 metre interval (89.5-93.9 metres) returned 332.6g/t silver, 3.36g/t gold and 1.1% zinc. From within this interval, the 1.32 metres from 89.5 to 90.8 metres ran 856g/t silver, 8.0g/t gold and 2.1% zinc and 0.6% lead. This mineralisation is also accompanied by >1% arsenic and >2000ppm antimony.

# 9.0 Sampling and QA/QC Procedures

Soil samples were taken with a tree planting shovel or a soil auger depending on the ground. Where possible, samples were taken from the "B" horizon. Sample depth, soil horizon and soil colour and relevant notes, such as "swampy ground" were recorded for each sample. Samples were placed in kraft bags labelled with the grid location, were dried in the Tsayta Lake Lodge core shack and were shipped to Bureau Veritas in Vancouver for anlaysis. No duplicates, standards or blanks, save the lab standards, were taken for soil samples.

Rock samples were placed in poly-bags and taken back to camp, where hand specimens were separated from the original sample. Some of these hand specimens were cut and sent to be polished as showpieces. Sampler, location, field description, source and source size, sample type, rock type, mineralisation and alteration were recorded for each sample. Samples were batched in rice bags and sent via courier to bureau veritas for assay. No duplicates, standards or blanks were submitted for either the soil or rock samples, though such were included by the lab as part of their routine QAQC procedures.

All of the 2017 core was sampled and a total of 144 samples were collected. After logging, the core was cut with a rock saw with one half sent for analysis and the other half retained in the core box. Sample intervals were chosen during the logging process based on lithologies and mineralisation noted. Prepared samples and sample blanks were inserted into the sample stream at a ratio of approximately one per twenty. One duplicate sample was also collected, where both halves of the cut core were sent for analysis. As with the other samples, the core was also sent to Bureau Veritas for analysis. The core is currently stored at Tsayta Lake Lodge.

Assay certificates from soil, rock and drill-core sampling can be found in Appendix 9.0.

# 10.0 Conclusions and Recommendations

According to the information that has been gathered by Lorraine Copper Corp. and Sun Metals, over the course of its 70+ year exploration history, Stardust has seen some 80,000m of drilling, 9000m$^2$ of trenching, roughly 7000 soil and rock samples, almost 1000km of geophysical surveys, as well as various geological maps and interpretive reports. This is likely an understatement of the sheer volume of geological data that has been collected on the property over the years since the earlier work is at times not well documented or the results are not available Progress has been made to document and organise the historic data, especially by Aurora Geosciences in 2010-12 and, in the Canyon Creek Skarn zone by Ron Simpson in the publication of his NI-43101 resource. Much work remains to be done to fully utilize

this wealth of historic information. Putting this data to better use is perhaps the easiest and most cost-effective way to increase our understanding of the Stardust property.

As both our analytical methods and our understanding of the processes of the mineralising system to which Stardust belongs have evolved over the years, a vitally important first step in future exploration will be to organize, analyse and equate this data. This work may take many forms including, but not limited to the following:

- Historic data should be digitized. Maps, reports and assay certs should be scanned.
- Historic soil sample results should be levelled so that samples can be properly contextualized to current work.
- Historic geological maps should be gathered and compared and a consensus property map produced. A map showing historic trench locations should also be produced.
- Historic drill logs and surviving drill core should be examined and should be locally re-logged and re-sampled.
- A 3D model compiling all historic drilling should be produced.
- Geophysical data should be compiled and interpreted.

These tasks are ongoing and represent much of the winter work being undertaken in preparation for future field seasons.

Coupled with new results from the 2017 field season, this re-evaluation of historic data has identified several targets for future work. In some of the most recent assessment reports, both Daryl Hanson and Ledwon et al. delineated several yet untested targets for future exploration, some of which have already been discussed in section 7. In 2012 Aurora Geosciences outlined ten property-scale targets in their report on Deposit Potential and Data Evaluation of the Lustdust Property. The only work done on the property since the Aurora report is the soil sampling, IP and ground mag surveys carried out by Sun Metals in 2017. Considering this, some refinement of the Aurora targets should be undertaken; however, their assessment of the regional targets is still valid and is summarized below and shown in Figure 10.1:

The ten targets outlined by Aurora are all outside of the known mineralised zones. Targets 1-7 are carbonate replacement-style anomalies and targets 8-10 are porphyry-style mineralisation. The target identification numbers do not reflect any priority or indicate relative potential. Targets 2, 4, 6, 7, and 8 indicate that the mineralised hydrothermal system may be significantly larger than what has been the focus of historical exploration. These anomalies are adjacent to or along strike of the CRD corridor, and are associated with favorable lithology and alteration. Targets 9 and 10 hold the best potential for porphyry-style mineralisation and cover the interpreted extent of the Glover Stock and the east side of the Pinchi Fault, respectively. The latter is along strike of Serengeti Resources' Central Zone porphyry discovery located to the south. Target 8 covers the ZTEM Western anomaly which could represent additional skarn replacement or porphyry mineralisation.

Target 1. This a large Cu-Ag soil anomaly that follows north-striking stratigraphy from an E/W oriented stream located at 6167000N to the northern limit of the survey and is considered open to the north. Anomalous silver in a sample collected along strike across the river to the south, and two strongly anomalous copper values to the south of this sample may support the continuity of Target 1 across the river and in the southern side of the valley. Exposure of un-

mineralised chert and phyllite at the top of the ridge south of survey line 6166000 define the southern limit of the anomaly. The soil sampling in this area is very wide-spaced (500 metre spaced lines). Prospecting, mapping and more infill soil sampling as well as IP are recommended. The decision to carry out any geophysical surveys should possibly await the results of the initial follow-up work.

Target 2. This Cu-Ag soil anomaly occurs down-slope of unmineralised limestone mapped in 2011. The anomaly occurs across three lines parallel to stratigraphy and is open to the south. Once again, the soil sampling in this area is very wide spaced. Prospecting, mapping and detailed soil sampling are recommended.

Target 3. Coincident anomalous Cu-Ag in soils centered on a limestone exposure occurring over three survey lines. The target is open to the northwest. Again, the soil sampling in this area is very widely spaced and an initial phase of prospecting, mapping and more detailed soil sampling is recommended.

Target 4. This is the same large soil anomaly discussed in the 7.3.5 section on the East Zone. This anomaly occurs in the footwall of the Canyon Creek skarn and on strike to the north of the Number 3 manto and the GD Zone. It also includes the East Zone and soil anomalies to the north of the East Zone. It includes five multi-element soil anomalies north along strike of the CCS Extension Zone, east of the CCS, and north and east of the No. 1, 2, 3, and 3 Ext. zones. This entire target could host manto/chimney style replacement mineralisation related to plunging folds and faults that control mineralisation in the adjacent zones. The area has been extensively soil sampled and consists of five distinct geochemical anomalies. These anomalies show a strike consistent with the orientation of structures controlling carbonate replacement mineralisation of the Canyon Creek Skarn Deposit, No. 4 and No. 3 zones. IP and Extra Low Frequency Electromagnetic (ELF) ground surveys should be performed to delineate coincident anomalies for drilling.

Target 5. This is an area with anomalous Cu-Zn-Pb-Sb-Au soil values, which have been supported by further anomalous soil values in the 2017 work, as discussed in section 8.2.1. It is adjacent to the Pinchi Fault, and may be contained within a fault splay of the Pinchi Fault. 2011 mapping showed outcropping manto or skarn rocks. This target was drill-tested in 2003 with LD2003-40 intersecting weakly anomalous copper values. Target 5 has been drill tested with four holes in 2003 and thoroughly soil sampled. This target is also adjacent to, and perhaps contained within, the Pinchi Fault suture zone. IP and detailed ground magnetic surveys are recommended to define sulphide mineralisation and structure.

Target 6. This is a Cu-Zn-Pb-Ag-Au soil anomaly from the 2011 survey that supports the concept that the Number 1 and 2 zones continue up to one kilometer to the south. Trenching and/or diamond drilling are the recommended follow-up.

Target 7. This is a multi-element soil anomaly outlined in the 2004 and 2005 surveys. Additional soil sampling was undertaken in this area in the 2017 program to further define and extend the anomaly and was also covered by the 2017 IP survey. Linear, northerly-trending magnetic

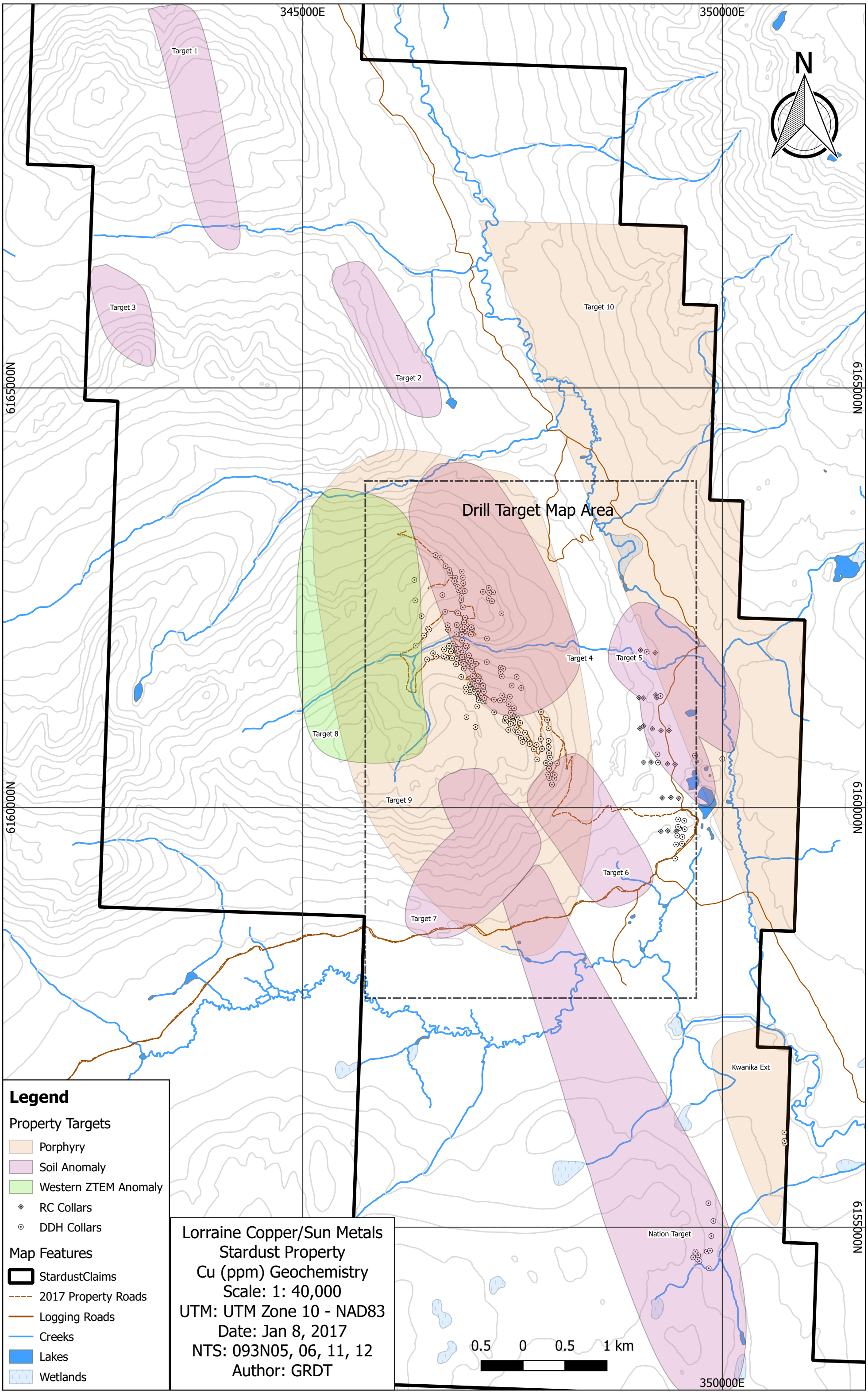
anomalies from the 2008 mag survey indicate that dykes from the Glover Stock are also present. This target is on strike to the south of the Western ZTEM anomaly (Target 8).

Target 8. This covers the buried ZTEM conductor on the west side of the Glover Stock. The geophysical response of this anomaly resembles that of the anomaly on the eastern side of the stock that hosts the Canyon Creek Skarn. Exposed but unmineralised limestone outcrops immediately west of the Glover Stock, supporting the possibility of skarn-hosted sulphide mineralisation at depth. As the ZTEM system is most effective at outlining steeply dipping to sub-vertical conductors, the western and eastern conductors may represent fluid conduits (faults?) responsible for concentrating mineralising fluids as in the case of the Canyon Creek Skarn Deposit, or porphyry alteration and/or ore-bearing fluids. This target should be considered a high priority for additional skarn-hosted sulphide mineralisation and is a drill ready target. It could be tested with a relatively short hole from the Canyon Creek stream valley. If IP and ELF are conducted on the property prior to diamond drilling, an orientation line of IP and a small ELF grid would further define alteration associated with the ZTEM anomaly. IP, ground mag and detailed soil sampling were carried out over this target by Sun Metals in the 2017 fall program. As discussed in section 8.2.1, some 2017 soil samples returned anomalous values for multiple elements, especially in Mo and Cu to the northwest of the 2004-05 soil anomalies. Interpretation of the 2017 geophysical surveys is ongoing.

Target 9. This target covers the interpreted subsurface extent of the Glover Stock, the centre of which was covered by IP survey and ground magnetics in the 2017.This multiphase stock is interpreted to be the source of ore bearing fluids to the Canyon Creek Skarn. The stock is host to porphyry alteration and mineralisation assemblages at surface and at depth adjacent to the CRD corridor (Megaw, 2000; 2001). Drilling in 2000 and 2001 did not test the potential of a larger mineralised intrusive complex than what is exposed at surface, nor has there been any geophysics conducted to explore for such a target. A mineralised porphyry-type system at depth should not be overlooked. To effectively and completely assess the potential for a buried porphyry-style mineralised system at Target 9, a deep looking 3D IP or Quantec's Titan 24 geophysical survey is recommended.

Target 10. Regional mapping has identified Hogem Batholith rocks on the east side the Pinchi Fault. To the south and along strike of these rocks lie the intrusive and supracrustal rocks that host Serengeti Resources' Central Zone and South Zone deposits. This target could host a northern extension of the system discovered by Serengeti Resources. It should be initially followed up with a soil survey and geologic mapping. If the lithologies and alteration mapped to the south on Serengeti Resources' ground are found to underlie this target and soil sampling returns anomalous Cu-Mo-Au values, an IP survey would be recommended.

The above property-scale targets are largely concentrated in the portion of the Stardust claims north of the main access Fall-Tsayta logging road since most of the historic reconnaissance work has been carried out in this area. The area to the south of the Glover stock to the southern boundary of the Stardust property is also considered prospective (the Nation Target). Regional mapping by UTM in 2011 outlined favourable geology including a large package of limestone. In addition, the 2008 airborne mag survey indicates that northerly-trending magnetic dykes from the Glover Stock occur here as well.


345000E
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Target 1
Target 3
Target 2
Target 10
Drill Target Map Area
Target 4
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Target 6
Target 7
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6165000N
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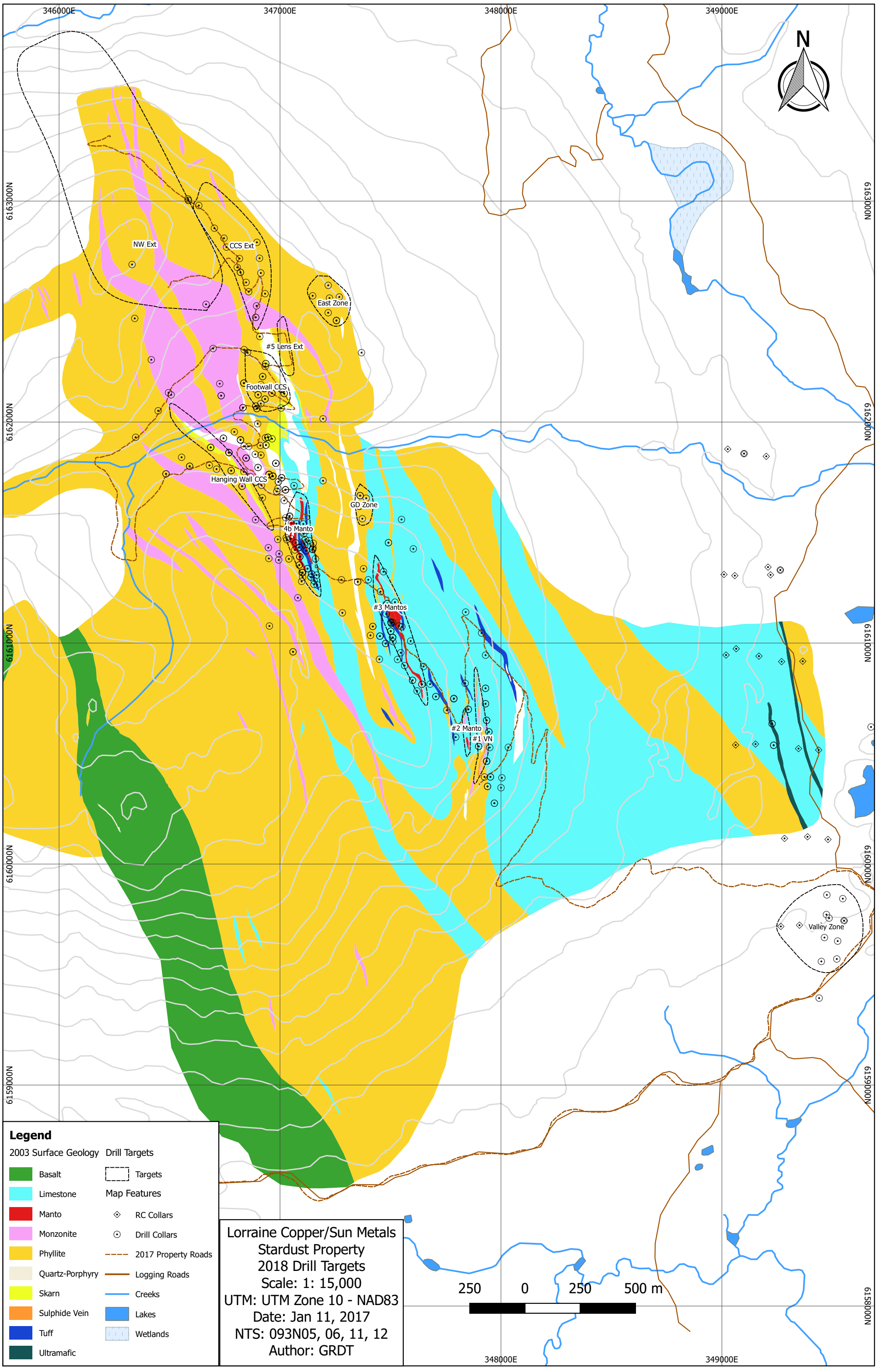
Legend
Property Targets
Porphyry
Soil Anomaly
Western ZTEM Anomaly
RC Collars
DDH Collars
Map Features
StardustClaims
2017 Property Roads
Logging Roads
Creeks
Lakes
Wetlands
Lorraine Copper/Sun Metals
Stardust Property
Cu (ppm) Geochemistry
Scale: 1: 40,000
UTM: UTM Zone 10 - NAD83
Date: Jan 8, 2017
NTS: 093N05, 06, 11, 12
Author: GRDT


346000E
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6163000N
6162000N
6161000N
6160000N
6159000N
6158000N
NW Ext
CCS Ext
East Zone
#5 Lens Ext
Footwall CCS
Hanging Wall CCS
GD Zone
4b Manto
#3 Mantos
#2 Manto
#1 VN
Valley Zone
Legend
2003 Surface Geology
Basalt
Limestone
Manto
Monzonite
Phyllite
Quartz-Porphyry
Skarn
Sulphide Vein
Tuff
Ultramafic
Drill Targets
Targets
Map Features
RC Collars
Drill Collars
2017 Property Roads
Logging Roads
Creeks
Lakes
Wetlands
250 0 250 500 m
Lorraine Copper/Sun Metals
Stardust Property
2018 Drill Targets
Scale: 1: 15,000
UTM: UTM Zone 10 - NAD83
Date: Jan 11, 2017
NTS: 093N05, 06, 11, 12
Author: GRDT

A small grid on the Nation Claims near the southern boundary of the Stardust claims was soil sampled and mapped in 1988. This data contains several samples with coincident anomalous Cu-Zn-Ag-Au values. The intervening ground is a highly prospective regional target and should be soil sampled, mapped and prospected in 2018.

# 11.0 Statement of Costs

Table 11.1: Cost breakdown for June 1 to Dec 31, 2017.

| *Professional Fees:* | *Dates:* | *Rate:* | *Total: ($)* |
|---|---|---|---|
| *G.L. Garratt* | June 6-7, 19-20 | 4 days @ $800/day | 3,200.00 |
| | Aug 2, 3, 8-11, 14-18, 21-23 & 24(½d) | 14½ days @ $800/day | 11,600.00 |
| | Sept 7 & 8(½d), 18-19 & 20(½d) | 4 days @ $800/day | 3,200.00 |
| | Oct 2-3, 16-17, 23 & 24(½d) | 5½ days @ $800/day | 4,400.00 |
| | Nov 6-8, 21 & 27 | 5 days @ $800/day | 4,000.00 |
| | Dec 4,6, 18 & 19(½d) | 3½ days @ $800/day | 2,800.00 |
| *J.W. Morton* | Aug 23 | 1 day @ $800/day | 800.00 |
| | Sept 6, 11, 13, 21 & 28 | 5 days @ $800/day | 4,000.00 |
| | Oct 6, 18-19 & 20 | 4 days @ $800/day | 3,200.00 |
| | Nov 27 & 30 | 2 days @ $800/day | 1,600.00 |
| | Dec 7 & 18 | 2 days @ $800/day | 1,600.00 |
| *B. Laird* | Aug 24-31 | 8 days @ $800/day | 6,400.00 |
| | Sept 19-22 & 25 | 5 days @ $800/day | 4,000.00 |
| *R. Johnston* | Oct 8-22 | 15 days @ $800/day | 12,000.00 |
| | Nov 14 & 15 | 2 days @ $800/day | 1,600.00 |
| | Dec 11 & 12 (½d) | 1½ days @ $800/day | 1,200.00 |
| *G. Titley* | June 8-14 | 7 days @ $520/day | 3,640.00 |
| | Aug 15-17 & 22-31 | 13 days @ $520/day | 6,760.00 |
| | Sept 1-24 & 30 | 25 days @ $520/day | 13,000.00 |
| | Oct 1-21 | 21 days @ $520/day | 10,920.00 |
| | Nov 1-3, 6-7, 15-17, 20-24 & 27 | 14 days @ $520/day | 7,280.00 |
| | Dec 1, 4-7, 11-15, 18-20 | 13 days @ $520/day | 6,760.00 |
| *Field Personnel Fees:* | | | |
| *S. Perreault* | June 8-13, 14(½d) & 15(½d) | 7 days @ $480/day | 3,360.00 |
| | Sept 5-30 | 26 days @ $480/day | 12,480.00 |
| | Oct 1-3, 6-7 & 11 | 6 days @ $480/day | 2,880.00 |
| *J. Perreault* | June 8-13, 14(½d) & 15(½d) | 7 days @ $480/day | 3,360.00 |
| | Sept 5-30 | 26 days @ $480/day | 12,480.00 |
| | Oct 1-3, 6-15, 17-18 | 15 days @ $480/day | 7,200.00 |
| *R. Cadorette* | Aug 22-31 | 10 days @ $460/day | 4,600.00 |
| | Sept 1-22 & 24-30 | 29 days @ $460/day | 13,340.00 |
| | Oct 1-3 & 7-15 | 12 days @ $460/day | 5,520.00 |
| *A. Butler* | Sept 23-30 | 8 days @ $395/day | 3,160.00 |

| | | | |
|---|---|---|---|
| | Oct 1-22 | 22 days @ $395/day | 8,690.00 |
| *K. Laidman* | Sept 2-17 | 16 days @ $370/day | 5,920.00 |
| | Oct 11-21 | 11 days @ $370/day | 4,070.00 |
| *M. Wijma* | Sept 9-30 | 22 days @ $320/day | 7,040.00 |
| | Oct 1-4 | 4 days @ $320/day | 1,280.00 |
| | | | |
| | *Rentals:* | *Rate:* | *Total: ($)* |
| | 2 ATVs | 6 days @ $80/day each | 960.00 |
| | 2 ATVs | 46 days @ $90/day each | 8,280.00 |
| | 2 Radios | 66 days @ $5/day each | 660.00 |
| | SAT Phone | 66 days @ $10/day | 660.00 |
| | Computer (Titley) | 92 days @10/day | 920.00 |
| | Trailer (J Perreault) | 6 days @ $50/day | 300.00 |
| | Saw (J Perreault) | 27 days @ $25/day | 675.00 |
| | Saw (S Perreault) | 33 days @ $25/day | 825.00 |
| | Saw (R Cadorette) | 30 days @ $25/day | 750.00 |
| | Saw (Laird) | 1 day @ $25/day | 25.00 |
| | ATV (Cadorette) | 35 days @ $90/day | 3,150.00 |
| | Radio (Cadorette) | 49 days @ $5/day | 245.00 |
| | Truck (Cadorette) | 6 days @ $80/day | 480.00 |
| | Truck (Laird) | 7 days @ $80/day | 560.00 |
| | Truck (J Perreault) | 1 day @ $80/day | 80.00 |
| | Truck (A Butler) | 4 days @ $80/day | 320.00 |
| | Truck (Enterprise) | | 4,085.12 |
| | Truck (K Miller) | | 5,481.31 |
| | | | |
| | *Plotter:* | | |
| | Line Plot on regular paper | | 996.00 |
| | Fill Plot on regular paper | | 439.00 |
| | Line Plot on Mylar paper | | 1,464.00 |
| | Fill Plot on Mylar paper | | 920.00 |
| | | | |
| | GIS Mapping | | 6,318.75 |
| | | | |
| | *Transportation:* | | |
| | Scheduled Flights | | 3,099.07 |
| | *Travel Expenses:* | | 5,574.26 |
| | *Fuel:* | | 3,298.72 |
| | *Field Equipment* | | 6,719.71 |
| | *Analyses:* | | |
| | Assay | 932 samples @ $18.95/sample | 17,668.20 |
| | *Sub Contractor:* | | |
| | Drilling | | 53,247.71 |

| | | |
|---|---|---|
| Geophysical | | 111,660.29 |
| Geological | | 3,150.00 |
| Excavator / Road Work / Drill pad construction | | 11,428.75 |
| *Communication:* | Telephone | 394.83 |
| *Reproduction:* | Maps | 175.29 |
| *Freight:* | | 2,221.81 |
| *Food:* | | 2,262.08 |
| *Accommodation:* | | 72,576.45 |
| | **Grand Total:** | **541,411.35** |

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# 13.0 Statement of Qualifications

I, R.J. (Bob) Johnston, am a graduate of the University of Saskatchewan with a B.Sc. (Advanced) 1982, in Geological Science.

I, R.J.Johnston, am a member of Engineers and Geoscientists BC (P.Geo.), registration number 19253.

I have practiced my profession since graduation in British Columbia, Yukon, Nunavut, Ontario, Cyprus, Mexico, Jamaica, Belize, Guatemala and Nicaragua.

I, R.J.Johnston, participated in the 2017 Stardust exploration programme outlined in this report, looking after the drill, logging the core, and supervising the core cutting.

Dated this 8th day of February 2018.

Bob Johnston

R.J.Johnston P.Geo.

I, Gavin R.D. Titley, am a graduate of the University of Victoria with a B.Sc. (2017), in Earth and Ocean Sciences.

I, Gavin R.D. Titley, am a member of Engineers and Geoscientists BC (GIT), registration number 195773.

I have worked in the mineral exploration industry in British Columbia and Yukon Territory since 2010.

I, Gavin R.D. Titley, participated in the 2017 Stardust exploration programme outlined in this report supervising the soil and rock sampling.

Dated this 8th day of February 2018.

Gavin Titley

Gavin R.D. Titley, GIT.

Appendix 1: 2017 Soil Sample Notes and Assay Results

| GPS Name | UTM N | UTM E | Date Taken | Horizon | Colour | Depth (cm) | Notes | Sampler(s) | Sample Name | Mo (PPM) | Cu (PPM) | Pb (PPM) | Zn (PPM) | Ag (PPM) | Ni (PPM) | Co (PPM) | Mn (PPM) | Fe (%) | As (PPM) | Au (PPB) | Th (PPM) | Sr (PPM) | Cd (PPM) | Sb (PPM) | Bi (PPM) | V (PPM) | Ca (%) | P (%) | La (PPM) | Cr (PPM) | Mg (%) | Ba (PPM) | Ti (%) | B (PPM) | Al (%) | Na (%) | K (%) | W (PPM) | Hg (PPM) | Sc (PPM) | Tl (PPM) | S (%) | Ga (PPM) | Se (PPM) | Te (PPM) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L10N/2300W | 6161600 | 345700 | 28-Aug | B | red brn | 35 | sandy | Gavin | L10N 2300W | 3.4 | 24.4 | 11.3 | 48 | 0.2 | 10.1 | 5.6 | 793 | 3.49 | 6.5 | 0.6 | 0.3 | 5 | 0.2 | 1.2 | 0.3 | 58 | 0.11 | 0.083 | 12 | 18 | 0.25 | 91 | 0.071 | 0 | 1.35 | 0.002 | 0.05 | 0 | 0.07 | 1.5 | 0.2 | 0.05 | 7 | 0 | 0 |
| L10N/2350W | 6161594 | 345657 | 28-Aug | B | brn | 25 | Sandy | Gavin | L10N 2350W | 2.9 | 26.6 | 10.3 | 57 | 0.2 | 12 | 8 | 1239 | 3.29 | 5.4 | 0.9 | 0.3 | 6 | 0.3 | 1 | 0.3 | 62 | 0.15 | 0.126 | 11 | 22 | 0.28 | 86 | 0.081 | 0 | 1.26 | 0.002 | 0.07 | 0 | 0.06 | 1.5 | 0.1 | 0.05 | 7 | 0 | 0 |
| L10N/2400W | 6161608 | 345596 | 28-Aug | B | brn | 25 | on bank next to crk | Gavin | L10N 2400W | 4.6 | 68.9 | 17.5 | 96 | 0.1 | 25 | 11.9 | 1478 | 3.51 | 10.6 | 2.4 | 0.2 | 10 | 0.4 | 3.1 | 0.3 | 45 | 0.11 | 0.096 | 18 | 30 | 0.41 | 192 | 0.015 | 0 | 1.61 | 0.002 | 0.07 | 0 | 0.09 | 1.5 | 0.1 | 0 | 5 | 0 | 0 |
| L10N/2450W | 6161612 | 345549 | 28-Aug | B | lt brn | 20 |  | Gavin | L10N 2450W | 2.9 | 24.4 | 11.1 | 55 | 0.3 | 14.8 | 4.7 | 281 | 2.66 | 7.6 | 0.8 | 0.8 | 7 | 0.3 | 1.9 | 0.2 | 41 | 0.1 | 0.048 | 13 | 21 | 0.3 | 204 | 0.034 | 0 | 1.3 | 0.002 | 0.06 | 0 | 0.03 | 2 | 0.1 | 0 | 5 | 0 | 0 |
| L10N/2500W | 6161604 | 345503 | 28-Aug | B | brn | 30 |  | Gavin | L10N 2500W | 4.3 | 37.3 | 9.8 | 83 | 0.3 | 16.7 | 7.1 | 1132 | 3.24 | 6.6 | 2.6 | 0.1 | 17 | 0.4 | 1.6 | 0.2 | 42 | 0.26 | 0.081 | 11 | 17 | 0.32 | 260 | 0.024 | 0 | 1.09 | 0.002 | 0.09 | 0 | 0.03 | 0.9 | 0.1 | 0 | 5 | 0.6 | 0 |
| L10N/2550W | 6161608 | 345444 | 28-Aug | B | oj brn | 25 | sandy | Gavin | L10N 2550W | 4.4 | 53.2 | 12.1 | 85 | 0.3 | 22.9 | 7.4 | 401 | 4.55 | 10.6 | 0 | 2.5 | 5 | 0.2 | 1.7 | 0.3 | 47 | 0.09 | 0.172 | 12 | 21 | 0.49 | 103 | 0.029 | 0 | 1.69 | 0.002 | 0.06 | 0 | 0.06 | 3 | 0.2 | 0 | 6 | 0 | 0 |
| L10N/2600W | 6161602 | 345400 | 28-Aug | B | lt oj brn | 20 |  | Gavin | L10N 2600W | 3.7 | 34.1 | 11.3 | 71 | 0.1 | 17.3 | 5.7 | 347 | 3.97 | 14.8 | 0.6 | 1.2 | 5 | 0.2 | 2.4 | 0.3 | 52 | 0.08 | 0.132 | 13 | 21 | 0.35 | 116 | 0.05 | 0 | 1.48 | 0.002 | 0.05 | 0.1 | 0.05 | 2.5 | 0.1 | 0 | 6 | 0.8 | 0 |
| L10N/2650W | 6161600 | 345352 | 28-Aug | B | oj | 25 |  | Gavin | L10N 2650W | 4.3 | 32.4 | 11.9 | 56 | 0 | 11.9 | 4.4 | 330 | 2.74 | 6.2 | 0 | 0.8 | 6 | 0.1 | 1.3 | 0.3 | 59 | 0.09 | 0.086 | 16 | 12 | 0.15 | 95 | 0.08 | 0 | 1.01 | 0.002 | 0.06 | 0 | 0.02 | 1.6 | 0.2 | 0 | 7 | 0.8 | 0 |
| L10N/2700W | 6161608 | 345300 | 28-Aug | B | oj brn | 25 |  | Gavin | L10N 2700W | 4.3 | 35 | 9.6 | 74 | 0.3 | 16 | 5.8 | 484 | 3.75 | 6.4 | 0 | 0.9 | 11 | 0.2 | 1.4 | 0.3 | 55 | 0.16 | 0.111 | 12 | 18 | 0.31 | 149 | 0.071 | 0 | 1.33 | 0.002 | 0.07 | 0 | 0.04 | 2.1 | 0.1 | 0.05 | 7 | 0 | 0 |
| L10N/2750W | 6161604 | 345248 | 28-Aug | B | red brn | 25 |  | Gavin | L10N 2750W | 3.9 | 36.9 | 11.6 | 74 | 0.4 | 16.7 | 6.1 | 313 | 5.06 | 10.2 | 0 | 0.4 | 7 | 0.7 | 1.7 | 0.3 | 67 | 0.13 | 0.142 | 11 | 22 | 0.33 | 112 | 0.072 | 0 | 1.42 | 0.003 | 0.06 | 0 | 0.05 | 1.8 | 0.1 | 0.06 | 7 | 0.7 | 0 |
| L10N/2800W | 6161604 | 345190 | 28-Aug | B | brn | 20 | Moved 10m W to avoid swamp | Gavin | L10N 2800W | 4.2 | 50.9 | 13.4 | 104 | 0.3 | 24.8 | 14 | 998 | 4.37 | 11.9 | 1.2 | 0.3 | 28 | 0.5 | 1.9 | 0.3 | 39 | 0.32 | 0.102 | 12 | 24 | 0.44 | 382 | 0.026 | 0 | 1.62 | 0.002 | 0.11 | 0 | 0.05 | 2 | 0.1 | 0.06 | 6 | 1 | 0 |
| L10N/2850W | 6161604 | 345149 | 28-Aug | B | brn | 30 |  | Gavin | L10N 2850W | 5.1 | 46.3 | 12.1 | 107 | 0.3 | 25.6 | 14.3 | 1381 | 3.43 | 8.9 | 0.9 | 0.2 | 27 | 0.5 | 1.3 | 0.3 | 41 | 0.23 | 0.079 | 13 | 22 | 0.51 | 347 | 0.015 | 0 | 1.61 | 0.002 | 0.08 | 0 | 0.06 | 1.3 | 0.2 | 0.06 | 6 | 0 | 0 |
| L10N/2900W | 6161600 | 345101 | 28-Aug | B | brn | 30 |  | Gavin | L10N 2900W | 4.6 | 91.6 | 15.9 | 105 | 1.9 | 23.5 | 14.7 | 2212 | 3.29 | 13 | 4.1 | 0.3 | 46 | 0.8 | 2.1 | 0.3 | 37 | 0.43 | 0.151 | 19 | 29 | 0.53 | 246 | 0.009 | 0 | 1.76 | 0.003 | 0.08 | 0 | 0.25 | 3 | 0.3 | 0.09 | 5 | 1.2 | 0 |
| L10N/2950W | 6161611 | 345049 | 28-Aug | B | brn | 20 |  | Gavin | L10N 2950W | 3.7 | 32.4 | 10.6 | 80 | 0.2 | 16.4 | 8.4 | 980 | 3.56 | 6.9 | 0.5 | 0.1 | 19 | 0.4 | 1.1 | 0.3 | 51 | 0.18 | 0.082 | 13 | 21 | 0.3 | 226 | 0.04 | 0 | 1.45 | 0.002 | 0.08 | 0 | 0.05 | 1.2 | 0.1 | 0.07 | 7 | 0 | 0 |
| L10N/3000W | 6161600 | 345000 | 28-Aug | B | brn | 25 |  | Gavin | L10N 3000W | 4 | 54.2 | 13.7 | 93 | 0.1 | 18.7 | 14.1 | 1643 | 3.2 | 6.9 | 0.7 | 0.1 | 44 | 0.6 | 1.4 | 0.4 | 30 | 0.29 | 0.125 | 14 | 15 | 0.18 | 363 | 0.015 | 0 | 0.87 | 0.003 | 0.1 | 0 | 0.04 | 0.8 | 0.2 | 0.07 | 4 | 0 | 0 |
| L12N/1550E | 6161805 | 349551 | 07-Sep | B | Brn | 10 | ~10m below road | Gavin/Kevin | L12N 1550E | 3.6 | 84 | 24.5 | 385 | 0.4 | 36.3 | 12.4 | 849 | 3.01 | 181.8 | 7.9 | 1.4 | 21 | 2.5 | 11.5 | 0.9 | 38 | 0.44 | 0.075 | 16 | 35 | 0.72 | 161 | 0.035 | 0 | 1.27 | 0.006 | 0.09 | 0.4 | 0.3 | 4 | 0.2 | 0 | 4 | 0.8 | 0 |
| L12N/1600E | 6161801 | 349600 | 07-Sep | B | Brn | 40 | On bank ~5m from dried up creek bed. | Gavin/Kevin | L12N 1600E | 4.8 | 95.9 | 30.1 | 416 | 0.4 | 36 | 13.9 | 888 | 3.1 | 164.4 | 8.7 | 1.3 | 19 | 2.8 | 12.9 | 1.3 | 38 | 0.38 | 0.09 | 17 | 33 | 0.72 | 158 | 0.032 | 0 | 1.29 | 0.006 | 0.08 | 0.5 | 0.27 | 3.7 | 0.2 | 0 | 4 | 0.9 | 0.3 |
| L12N/1650E | 6161801 | 349647 | 07-Sep | B/C | Brn | 25 | Sandy, on bank of dried creek | Gavin/Kevin | L12N 1650E | 3.8 | 83.4 | 23.3 | 450 | 0.4 | 34.4 | 12.7 | 813 | 2.92 | 159.5 | 8.3 | 1.4 | 30 | 2.8 | 10.3 | 1 | 37 | 0.58 | 0.085 | 14 | 32 | 0.69 | 159 | 0.036 | 0 | 1.12 | 0.007 | 0.08 | 0.5 | 0.37 | 4 | 0.1 | 0 | 4 | 0.9 | 0 |
| L12N/1700E | 6161805 | 349700 | 07-Sep | C | lt brn | 45 | dried up creek bed, sandy | Gavin/Kevin | L12N 1700E | 4 | 71.6 | 24.7 | 396 | 0.4 | 33.2 | 13 | 812 | 3.09 | 164 | 19.3 | 1.5 | 31 | 2.4 | 10.7 | 1 | 39 | 0.64 | 0.092 | 14 | 34 | 0.71 | 151 | 0.035 | 0 | 1.19 | 0.007 | 0.08 | 0.6 | 0.66 | 3.9 | 0.2 | 0 | 4 | 0.6 | 0.3 |
| L12N/1750E | 6161798 | 349743 | 07-Sep | N/S |  |  | Dried up creek seds | Gavin/Kevin |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| L12N/1800E | 6161795 | 349802 | 07-Sep | B | yel brn | 35 |  | Gavin/Kevin | L12N 1800E | 1.6 | 25.5 | 9.2 | 53 | 0.2 | 21.5 | 4 | 206 | 1.96 | 9.3 | 5.5 | 2.2 | 7 | 0.3 | 1.3 | 0.2 | 29 | 0.07 | 0.072 | 14 | 32 | 0.39 | 105 | 0.023 | 0 | 1.15 | 0.003 | 0.05 | 0 | 0.27 | 2.1 | 0.1 | 0 | 3 | 0 | 0 |
| L12N/1850E | 6161803 | 349853 | 07-Sep | B | lt yel | 40 |  | Gavin/Kevin | L12N 1850E | 1.9 | 25.5 | 6.8 | 72 | 0.2 | 23.5 | 5.3 | 249 | 2.09 | 7.9 | 9.2 | 2.5 | 6 | 0.3 | 1.2 | 0.2 | 30 | 0.09 | 0.079 | 15 | 32 | 0.5 | 109 | 0.022 | 0 | 1.34 | 0.003 | 0.06 | 0 | 0.32 | 2.4 | 0.1 | 0 | 4 | 0 | 0 |
| L12N/1900E | 6161800 | 349904 | 07-Sep | B | oj brn | 40 |  | Gavin/Kevin | L12N 1900E | 1.4 | 18.8 | 11.9 | 47 | 0.1 | 30.9 | 10.6 | 348 | 2.94 | 4.8 | 3.2 | 0.9 | 13 | 0 | 0.7 | 0.2 | 92 | 0.25 | 0.042 | 6 | 59 | 0.7 | 163 | 0.049 | 0 | 1.13 | 0.011 | 0.05 | 0.1 | 0.16 | 3.2 | 0 | 0 | 4 | 0 | 0 |
| L12N/1950E | 6161793 | 349950 | 07-Sep | B | yel brn | 35 |  | Gavin/Kevin | L12N 1950E | 1.2 | 14.8 | 11.4 | 58 | 0.2 | 41.1 | 14.1 | 225 | 3.31 | 5.2 | 2.8 | 0.7 | 12 | 0.1 | 0.6 | 0.5 | 103 | 0.29 | 0.046 | 3 | 214 | 0.99 | 150 | 0.096 | 0 | 1 | 0.014 | 0.06 | 0 | 0.07 | 3.1 | 0 | 0 | 6 | 0 | 0 |
| L12N/2000E | 6161800 | 345000 | 07-Sep | B | oj brn | 35 |  | Gavin/Kevin | L12N 2000E | 1.7 | 55.5 | 35.6 | 67 | 0.2 | 52.2 | 25.3 | 446 | 6.58 | 6.5 | 2.3 | 0.6 | 31 | 0 | 0.9 | 0.4 | 285 | 0.59 | 0.146 | 3 | 140 | 1.69 | 200 | 0.186 | 0 | 1.64 | 0.028 | 0.06 | 0 | 0.09 | 5.2 | 0 | 0 | 9 | 0 | 0 |
| L12N/2300W | 6161800 | 345700 | 28-Aug | B | lt brn | 35 |  | Gavin | L12 2300W | 6.5 | 85.3 | 19.2 | 158 | 1.4 | 23.1 | 8.6 | 1389 | 3.33 | 19.3 | 1.6 | 0.2 | 55 | 1.6 | 5.9 | 0.4 | 39 | 0.48 | 0.079 | 14 | 20 | 0.25 | 336 | 0.013 | 0 | 1.37 | 0.003 | 0.07 | 0 | 0.09 | 1.3 | 0.3 | 0.05 | 6 | 0.8 | 0 |
| L12N/2350W | 6161801 | 345651 | 28-Aug | B | oj brn | 20 |  | Gavin | L12 2350W | 6.4 | 37.6 | 18.4 | 75 | 0.4 | 16.4 | 5.5 | 325 | 3.99 | 17.4 | 0 | 0.7 | 11 | 0.4 | 6.6 | 0.5 | 57 | 0.15 | 0.065 | 13 | 23 | 0.27 | 285 | 0.029 | 0 | 1.38 | 0.002 | 0.06 | 0 | 0.03 | 2.3 | 0.2 | 0 | 7 | 0 | 0 |
| L12N/2400W | 6161802 | 345597 | 28-Aug | B | dk brn | 35 | A contamination | Gavin | L12 2400W | 6 | 108.9 | 17.2 | 186 | 4.2 | 36.9 | 12.2 | 1721 | 2.94 | 11.5 | 2.3 | 0.3 | 57 | 1.4 | 4.2 | 0.3 | 29 | 0.65 | 0.147 | 18 | 28 | 0.41 | 252 | 0.007 | 0 | 1.83 | 0.004 | 0.07 | 0 | 0.27 | 1.9 | 0.4 | 0.08 | 4 | 2.5 | 0 |
| L12N/2450W | 6161809 | 345556 | 28-Aug | B | brn | 30 |  | Gavin | L12 2450W | 6.4 | 58.7 | 25.9 | 142 | 0.3 | 33 | 15.4 | 1103 | 4.28 | 15.9 | 0 | 0.3 | 33 | 0.5 | 6.6 | 0.4 | 44 | 0.39 | 0.129 | 13 | 33 | 0.54 | 349 | 0.009 | 0 | 1.64 | 0.002 | 0.08 | 0 | 0.03 | 1.3 | 0.2 | 0.05 | 6 | 0 | 0 |
| L12N/2500W | 6161809 | 345501 | 28-Aug | B | oj brn | 25 |  | Gavin | L12 2500W | 3.5 | 35 | 12.8 | 93 | 0.2 | 38.8 | 12.4 | 1344 | 4.26 | 8.7 | 0 | 0 | 14 | 0.5 | 2.9 | 0.2 | 70 | 0.17 | 0.098 | 11 | 76 | 0.69 | 336 | 0.016 | 0 | 1.52 | 0.002 | 0.09 | 0 | 0.04 | 1 | 0 | 0.06 | 7 | 0 | 0 |
| L12N/2550W | 6161796 | 345452 | 28-Aug | B | oj brn | 25 |  | Gavin | L12 2550W | 2.9 | 31.7 | 9.7 | 67 | 0.3 | 18.9 | 5.9 | 528 | 3.99 | 9.6 | 0 | 0.4 | 5 | 0.2 | 1.9 | 0.2 | 58 | 0.08 | 0.116 | 14 | 27 | 0.39 | 79 | 0.055 | 0 | 1.42 | 0.002 | 0.06 | 0 | 0.06 | 2 | 0 | 0 | 6 | 0 | 0 |
| L12N/2600W | 6161807 | 345404 | 28-Aug | B | oj | 25 |  | Gavin | L12 2600W | 2.9 | 34.9 | 8.2 | 65 | 0.7 | 18.9 | 7 | 585 | 4.47 | 7.3 | 0 | 0.4 | 5 | 0.2 | 1 | 0.2 | 64 | 0.09 | 0.116 | 14 | 25 | 0.5 | 86 | 0.094 | 0 | 1.7 | 0.002 | 0.05 | 0 | 0.05 | 2 | 0.1 | 0 | 7 | 0.6 | 0 |
| L12N/2650W | 6161811 | 345359 | 28-Aug | B | oj | 20 |  | Gavin | L12 2650W | 4.1 | 35.5 | 10.2 | 72 | 0.1 | 20.2 | 7.4 | 593 | 5.39 | 9.7 | 0.9 | 1.3 | 6 | 0.3 | 1.3 | 0.3 | 71 | 0.07 | 0.153 | 15 | 26 | 0.48 | 84 | 0.144 | 0 | 1.56 | 0.002 | 0.06 | 0 | 0.03 | 2.7 | 0.1 | 0 | 8 | 0.5 | 0 |
| L12N/2700W | 6161801 | 345300 | 28-Aug | B | oj brn | 30 |  | Gavin | L12 2700W | 3.6 | 32 | 8.8 | 89 | 0.4 | 21.1 | 11.4 | 1710 | 4.06 | 5.2 | 0 | 0.4 | 10 | 0.3 | 0.8 | 0.2 | 62 | 0.21 | 0.177 | 14 | 28 | 0.52 | 282 | 0.055 | 0 | 1.59 | 0.003 | 0.11 | 0 | 0.05 | 2.2 | 0.1 | 0.05 | 7 | 0 | 0 |
| L12N/2750W | 6161804 | 345254 | 28-Aug | B | oj brn | 20 |  | Gavin | L12 2750W | 3.2 | 29.1 | 8.4 | 69 | 0.3 | 17.6 | 7.9 | 895 | 4.69 | 5.6 | 0.6 | 0.3 | 15 | 0.2 | 0.9 | 0.2 | 77 | 0.2 | 0.2 | 15 | 26 | 0.49 | 128 | 0.115 | 0 | 1.63 | 0.003 | 0.08 | 0 | 0.04 | 2.1 | 0.1 | 0 | 8 | 0 | 0 |
| L12N/2800W | 6161807 | 345206 | 28-Aug | B | oj brn | 15 |  | Gavin | L12 2800W | 4 | 32.8 | 9.8 | 61 | 0 | 14.3 | 5.5 | 381 | 3.51 | 6.8 | 0 | 0.5 | 6 | 0.1 | 1.1 | 0.4 | 59 | 0.08 | 0.085 | 18 | 21 | 0.23 | 87 | 0.085 | 0 | 1.22 | 0.003 | 0.06 | 0 | 0.03 | 1.7 | 0.2 | 0 | 8 | 0 | 0 |
| L12N/2850W | 6161799 | 345150 | 28-Aug | B | brn | 20 |  | Gavin | L12 2850W | 3 | 27.7 | 8.8 | 57 | 0.2 | 15.3 | 4.9 | 299 | 2.8 | 5.4 | 0 | 0.2 | 6 | 0.3 | 0.8 | 0.3 | 46 | 0.08 | 0.061 | 16 | 20 | 0.35 | 80 | 0.038 | 0 | 1.53 | 0.002 | 0.06 | 0 | 0.04 | 1.1 | 0.1 | 0 | 6 | 0 | 0 |
| L12N/2900W | 6161806 | 345100 | 28-Aug | B | brn | 10 | Loamy | Gavin | L12 2900W | 4.6 | 52 | 12 | 95 | 0.2 | 24.1 | 11.3 | 1289 | 4.47 | 10.3 | 0 | 0.4 | 7 | 0.1 | 1.3 | 0.4 | 57 | 0.1 | 0.101 | 17 | 24 | 0.53 | 150 | 0.056 | 0 | 1.57 | 0.002 | 0.06 | 0 | 0.02 | 1.9 | 0.2 | 0 | 7 | 0.5 | 0 |
| L12N/2950W | 6161803 | 345054 | 28-Aug | B | lt oj brn | 20 |  | Gavin | L12 2950W | 3.8 | 44.1 | 10.7 | 96 | 0.2 | 22.8 | 10.6 | 1015 | 4.3 | 9 | 1.5 | 0.5 | 8 | 0.3 | 1.2 | 0.3 | 60 | 0.09 | 0.141 | 16 | 24 | 0.49 | 176 | 0.056 | 0 | 1.52 | 0.003 | 0.07 | 0 | 0.04 | 2.3 | 0.1 | 0 | 7 | 0 | 0 |
| L12N/3000W | 6161800 | 345000 | 28-Aug | B | oj brn | 15 |  | Gavin | L12 3000W | 3.5 | 29.2 | 11.4 | 53 | 0.2 | 12.8 | 5.5 | 302 | 3.72 | 6.2 | 0 | 0.8 | 7 | 0.2 | 0.9 | 0.3 | 81 | 0.11 | 0.119 | 14 | 19 | 0.28 | 136 | 0.126 | 0 | 1.42 | 0.002 | 0.06 | 0 | 0.03 | 2.3 | 0.2 | 0 | 9 | 0 | 0 |
| L12N1000E | 6161796 | 348998 | 14-Oct | C | brn | 40 |  | Radio/Jacques | L12N 1000E | 3.9 | 79.3 | 23.8 | 500 | 0.4 | 32.1 | 10.7 | 708 | 3 | 178.7 | 8 | 2.2 | 30 | 2.6 | 11.2 | 0.9 | 40 | 0.73 | 0.086 | 17 | 31 | 0.69 | 140 | 0.048 | 0 | 1.15 | 0.008 | 0.1 | 1.1 | 0.41 | 3.9 | 0.2 | 0 | 4 | 0.8 | 0 |
| L12N1050E | 6161801 | 349051 | 14-Oct | C | brn | 30 |  | Radio/Jacques | L12N 1050E | 2.5 | 20.5 | 14.7 | 65 | 0.1 | 15.6 | 4.2 | 164 | 3.65 | 49 | 3.4 | 1.9 | 5 | 0.2 | 3.6 | 0.4 | 74 | 0.09 | 0.1 | 10 | 32 | 0.27 | 100 | 0.043 | 0 | 1.34 | 0.002 | 0.03 | 0 | 0.25 | 2.8 | 0.2 | 0 | 7 | 0.5 | 0 |
| L12N1100E | 6161797 | 349099 | 14-Oct | B | brn | 40 |  | Radio/Jacques | L12N 1100E | 3.9 | 55.8 | 18.5 | 123 | 0.5 | 40.1 | 11.6 | 335 | 3.17 | 58.9 | 13.3 | 3.3 | 6 | 0.4 | 6.7 | 0.5 | 39 | 0.09 | 0.042 | 13 | 42 | 0.54 | 88 | 0.042 | 0 | 1.62 | 0.002 | 0.05 | 0.1 | 0.65 | 3.3 | 0.1 | 0 | 3 | 0.6 | 0 |
| L12N1150E | 6161801 | 349149 | 14-Oct | B | brn | 35 |  | Radio/Jacques | L12N 1150E | 3 | 31.7 | 22.4 | 85 | 0.2 | 16.4 | 4.9 | 208 | 3.28 | 75.5 | 3.3 | 2.8 | 5 | 0.2 | 7.2 | 0.8 | 61 | 0.09 | 0.059 | 14 | 35 | 0.31 | 76 | 0.044 | 0 | 1.54 | 0 | 0.04 | 0.1 | 3.75 | 3.1 | 0.2 | 0 | 6 | 0 | 0 |
| L12N1200E | 6161799 | 349199 | 14-Oct | C | brn | 35 |  | Radio/Jacques | L12N 1200E | 3.5 | 34.7 | 13.7 | 138 | 0.2 | 29 | 7.5 | 307 | 3.66 | 50.6 | 1.6 | 2.2 | 6 | 0.4 | 5.1 | 0.5 | 52 | 0.14 | 0.127 | 11 | 46 | 0.52 | 89 | 0.045 | 0 | 1.76 | 0.002 | 0.04 | 0 | 1.89 | 3.5 | 0.2 | 0 | 5 | 0 | 0 |
| L12N1250E | 6161799 | 349249 | 14-Oct | C | brn | 30 |  | Radio/Jacques | L12N 1250E | 3.4 | 32.2 | 13.5 | 137 | 0.5 | 24.6 | 7.5 | 450 | 4.16 | 38.7 | 3.5 | 2.2 | 6 | 0.3 | 5 | 0.4 | 58 | 0.16 | 0.169 | 12 | 43 | 0.51 | 118 | 0.047 | 0 | 1.58 | 0.003 | 0.05 | 0.1 | 0.48 | 3.7 | 0.2 | 0 | 6 | 0 | 0 |
| L12N1300E | 6161800 | 349299 | 14-Oct | B | brn | 35 |  | Radio/Jacques | L12N 1300E | 1.8 | 13.2 | 11.3 | 54 | 0.7 | 10.6 | 2.7 | 110 | 2.05 | 20.1 | 0 | 2.5 | 5 | 0.2 | 1.8 | 0.3 | 40 | 0.07 | 0.053 | 16 | 35 | 0.24 | 94 | 0.036 | 0 | 1.6 | 0.001 | 0.03 | 0 | 1.27 | 2.8 | 0.1 | 0 | 5 | 0 | 0 |
| L12N1350E | 6161799 | 349348 | 14-Oct | B | brn | 35 |  | Radio/Jacques | L12N 1350E | 1.9 | 16.8 | 9.1 | 43 | 0.6 | 11.9 | 2.6 | 116 | 1.83 | 13.9 | 1.8 | 2.3 | 5 | 0.1 | 2.2 | 0.3 | 35 | 0.05 | 0.055 | 15 | 32 | 0.27 | 63 | 0.03 | 0 | 1.31 | 0.002 | 0.03 | 0 | 0.23 | 2.6 | 0.1 | 0 | 4 | 0.6 | 0 |
| L12N1400E | 6161797 | 349399 | 14-Oct | B | brn | 40 |  | Radio/Jacques | L12N 1400E | 3.7 | 41.2 | 13.3 | 105 | 0.3 | 32.4 | 6.9 | 283 | 4.08 | 38 | 3.2 | 3.1 | 6 | 0.5 | 3.7 | 0.4 | 49 | 0.08 | 0.099 | 16 | 47 | 0.58 | 99 | 0.027 | 0 | 1.69 | 0.002 | 0.05 | 0 | 1.98 | 3.4 | 0.1 | 0 | 5 | 0.6 | 0 |
| L12N1450 | 6161800 | 349446 | 14-Oct | C | brn | 60 |  | Radio/Jacques | L12N 1450E | 3 | 33.3 | 8.4 | 65 | 0.2 | 27.7 | 11.5 | 260 | 2.31 | 18.4 | 6.1 | 1.8 | 12 | 0.3 | 2.3 | 0.1 | 31 | 0.27 | 0.05 | 12 | 29 | 0.37 | 122 | 0.037 | 0 | 0.77 | 0.002 | 0.05 | 0 | 0.81 | 2.8 | 0 | 0 | 3 | 0 | 0 |
| L12N1500E | 6161800 | 349501 | 14-Oct | B | gry | 35 |  | Radio/Jacques | L12N 1500E | 4.2 | 68.7 | 23.4 | 434 | 0.2 | 32.2 | 12.2 | 752 | 3.09 | 150 | 7.7 | 2.1 | 22 | 2.4 | 11.8 | 1.3 | 41 | 0.53 | 0.078 | 17 | 30 | 0.63 | 127 | 0.043 | 0 | 1.1 | 0.006 | 0.09 | 1 | 0.26 | 3.5 | 0.2 | 0 | 4 | 0.9 | 0.2 |
| L12N200E | 6161799 | 348204 | 14-Oct | B | brn | 30 |  | Radio/Jacques | L12N 200E | 1.8 | 9.9 | 10.6 | 31 | 0.2 | 7.2 | 1.8 | 119 | 1.95 | 22.8 | 1.3 | 1.2 | 6 | 0.1 | 1.2 | 0.3 | 46 | 0.05 | 0.055 | 15 | 21 | 0.2 | 61 | 0.022 | 0 | 1.22 | 0.002 | 0.05 | 0 | 0.28 | 2.6 | 0.2 | 0 | 7 | 0 | 0 |
| L12N250E | 6161800 | 348251 | 14-Oct | C | brn | 30 |  | Radio/Jacques | L12N 250E | 1.8 | 14.3 | 12.3 | 47 | 0.4 | 12.5 | 3.2 | 230 | 1.93 | 16.5 | 1.6 | 2.1 | 9 | 0.1 | 1.1 | 0.3 | 46 | 0.08 | 0.041 | 17 | 26 | 0.37 | 121 | 0.024 | 0 | 1.5 | 0.002 | 0.08 | 0 | 0.11 | 3.2 | 0.3 | 0 | 7 | 0 | 0 |
| L12N300E | 6161800 | 348300 | 14-Oct | B | brn | 35 |  | Radio/Jacques | L12N 300E | 7.7 | 57.3 | 17.8 | 102 | 0.4 | 26.8 | 9 | 560 | 3.88 | 43.8 | 2.3 | 0.6 | 22 | 0.7 | 2.9 | 0.6 | 55 | 0.23 | 0.053 | 18 | 37 | 0.4 | 452 | 0.02 | 0 | 1.57 | 0.003 | 0.11 | 0 | 0.16 | 2.5 | 0.3 | 0 | 7 | 0 | 0 |
| L12N350E | 6161800 | 348351 | 14-Oct | B | brn | 40 |  | Radio/Jacques | L12N 350E | 2.2 | 21.7 | 13.4 | 58 | 0.5 | 13.7 | 3.2 | 159 | 2.07 | 27.6 | 9.9 | 0.4 | 7 | 0.5 | 2.1 | 0.2 | 39 | 0.07 | 0.033 | 15 | 30 | 0.31 | 98 | 0.026 | 0 | 1.46 | 0.002 | 0.06 | 0 | 0.25 | 2.3 | 0.2 | 0 | 5 | 0 | 0 |
| L12N400E | 6161799 | 348405 | 14-Oct | B | brn | 35 |  | Radio/Jacques | L12N 400E | 2.3 | 16.3 | 14.1 | 54 | 0.3 | 15.3 | 3.2 | 208 | 2.25 | 24.5 | 1.5 | 1.2 | 8 | 0.2 | 2.2 | 0.2 | 46 | 0.1 | 0.087 | 15 | 31 | 0.37 | 113 | 0.021 | 0 | 1.3 | 0.001 | 0.07 | 0 | 0.12 | 2.5 | 0.2 | 0 | 6 | 0 | 0 |
| L12N450E | 6161801 | 348450 | 14-Oct | C | brn | 30 |  | Radio/Jacques | L12N 450E | 3.5 | 27 | 18.3 | 118 | 0.3 | 14.9 | 4.7 | 276 | 3.71 | 244.4 | 2.7 | 1 | 19 | 0.5 | 4.7 | 0.7 | 86 | 0.53 | 0.065 | 13 | 29 | 0.29 | 348 | 0.043 | 0 | 1.51 | 0.003 | 0.05 | 0 | 0.08 | 3.4 | 0.3 | 0 | 10 | 0.6 | 0.2 |
| L12N500E | 6161799 | 348503 | 14-Oct | B | brn | 40 |  | Radio/Jacques | L12N 500E | 3.7 | 21.5 | 16.3 | 306 | 0.7 | 15.9 | 3.8 | 196 | 2.63 | 445.7 | 0.9 | 0.8 | 20 | 0.8 | 4.6 | 0.4 | 62 | 0.65 | 0.041 | 13 | 33 | 0.27 | 336 | 0.036 | 0 | 1.37 | 0.002 | 0.06 | 0 | 0.48 | 3.1 | 0.2 | 0 | 6 | 0.8 | 0 |
| L12N550E | 6161799 | 348552 | 14-Oct | B | brn | 35 |  | Radio/Jacques | L12N 550E | 2.6 | 29.1 | 11.9 | 125 | 0.2 | 26.2 | 6.2 | 297 | 3.68 | 33.9 | 4.7 | 1.6 | 10 | 0.7 | 3.2 | 0.3 | 53 | 0.18 | 0.065 | 12 | 48 | 0.53 | 117 | 0.042 | 0 | 1.97 | 0.003 | 0.07 | 0 | 0.65 | 3.8 | 0.2 | 0 | 5 | 0.6 | 0 |
| L12N600E | 6161799 | 348602 | 14-Oct | C | brn | 35 |  | Radio/Jacques | L12N 600E | 1.6 | 3.8 | 10.1 | 16 | 0 | 1.8 | 0.5 | 35 | 0.4 | 16.4 | 0.6 | 0.6 | 6 | 0 | 1.6 | 0.5 | 35 | 0.07 | 0.013 | 17 | 11 | 0.1 | 57 | 0.041 | 0 | 0.94 | 0.002 | 0.04 | 0 | 0.07 | 1.9 | 0.2 | 0 | 8 | 0 | 0 |
| L12N650E | 6161800 | 348651 | 14-Oct | C | brn | 40 |  | Radio/Jacques | L12N 650E | 3.8 | 55.8 | 19.7 | 119 | 0.4 | 33.4 | 7 | 336 | 3.46 | 89.7 | 13.3 | 3 | 10 | 0.5 | 7.6 | 0.7 | 51 | 0.19 | 0.102 | 15 | 37 | 0.63 | 94 | 0.051 | 0 | 1.42 | 0.003 | 0.07 | 0 | 0.5 | 3.8 | 0.2 | 0 | 5 | 0 | 0 |
| L12N700E | 6161802 | 348702 | 14-Oct | C | brn | 45 |  | Radio/Jacques | L12N 700E | 1.3 | 37.1 | 11.4 | 780 | 0.4 | 31.2 | 7.4 | 329 | 2.15 | 424.9 | 7 | 0.7 | 21 | 2 | 5.6 | 0.3 | 37 | 0.82 | 0.047 | 12 | 40 | 0.52 | 182 | 0.021 | 0 | 1.17 | 0.005 | 0.07 | 0 | 0.37 | 2.9 | 0.2 | 0 | 4 | 0 | 0 |
| L12N750E | 6161798 | 348752 | 14-Oct | B | brn | 30 |  | Radio/Jacques | L12N 750E | 1.2 | 5.1 | 10 | 17 | 0.3 | 3.7 | 0.9 | 54 | 1.09 | 27.9 | 0.7 | 1.1 | 6 | 0 | 1.2 | 0.5 | 41 | 0.06 | 0.052 | 15 | 14 | 0.14 | 45 | 0.024 | 0 | 0.9 | 0.001 | 0.04 | 0 | 0.1 | 2.2 | 0.2 | 0 | 7 | 0 | 0 |
| L12N800E | 6161800 | 348802 | 14-Oct | C | brn | 30 |  | Radio/Jacques | L12N 800E | 3 | 32.6 | 11.1 | 65 | 0.2 | 14.8 | 4.1 | 283 | 2.86 | 54.4 | 1.2 | 1.6 | 7 | 0.2 | 3.4 | 0.3 | 62 | 0.12 | 0.121 | 12 | 29 | 0.28 | 47 | 0.05 | 0 | 1.07 | 0.004 | 0.05 | 0.3 | 1.95 | 3 | 0.3 | 0 | 7 | 0 | 0 |
| L12N850E | 6161800 | 348851 | 14-Oct | C | brn | 30 |  | Radio/Jacques | L12N 850E | 2.6 | 25.4 | 11.1 | 77 | 0.3 | 19.1 | 5.5 | 328 | 4.55 | 42.3 | 1.9 | 1.5 | 7 | 0.2 | 2.1 | 0.3 | 67 | 0.19 | 0.203 | 8 | 37 | 0.59 | 77 | 0.052 | 0 | 1.69 | 0.004 | 0.06 | 0 | 0.1 | 4.1 | 0.2 | 0 | 8 | 0 | 0 |
| L12N900E | 6161797 | 348902 | 14-Oct | C | brn | 30 |  | Radio/Jacques | L12N 900E | 2.5 | 25.1 | 8.7 | 49 | 0 | 11.2 | 3.3 | 164 | 2.06 | 37 | 0.9 | 1 | 6 | 0.1 | 2.4 | 0.3 | 64 | 0.17 | 0.046 | 12 | 19 | 0.27 | 59 | 0.067 | 0 | 1.19 | 0.003 | 0.05 | 0 | 0.05 | 3.1 | 0.2 | 0 | 8 | 0 | 0 |
| L12N950E | 6161794 | 348942 | 14-Oct | C | brn | 35 |  | Radio/Jacques | L12N 950E | 2.9 | 36.3 | 23.8 | 311 | 0.5 | 29.3 | 19.3 | 889 | 2.94 | 107.4 | 3.5 | 1.4 | 21 | 1.6 | 8.6 | 0.5 | 42 | 0.72 | 0.179 | 15 | 41 | 0.58 | 158 | 0.027 | 0 | 1.41 | 0.007 | 0.08 | 0.7 | 2.34 | 3.7 | 0.2 | 0 | 4 | 0 | 0 |
| L14N/0W | 6162004 | 348005 | 06-Sep | B | brn | 30 |  | Gavin/Kevin | L14N 000W | 3.4 | 26.7 | 16.2 | 68 | 0.9 | 21.9 | 5.4 | 339 | 2.53 | 43.1 | 5.3 | 0.4 | 9 | 0.5 | 5 | 0.3 | 32 | 0.14 | 0.046 | 12 | 33 | 0.45 | 178 | 0.021 | 0 | 1.06 | 0.003 | 0.08 | 0 | 0.18 | 1.5 | 0.1 | 0 | 4 | 0.7 | 0 |
| L14N/1000E | 6161993 | 349005 | 06-Sep | B | lt brn | 60 |  | Gavin/Kevin | L14N 1000E | 1.9 | 15.7 | 9.2 | 44 | 0.2 | 14.8 | 4.3 | 297 | 1.87 | 13.2 | 2.3 | 1.9 | 7 | 0.2 | 1.9 | 0.3 | 42 | 0.09 | 0.063 | 13 | 29 | 0.31 | 79 | 0.059 | 0 | 1.16 | 0.003 | 0.05 | 0 | 1.06 | 2.1 | 0.1 | 0 | 6 | 0.5 | 0 |
| L14N/100E | 6162003 | 348099 | 06-Sep | B | oj brn | 30 |  | Gavin/Kevin | L14N 100E | 4.2 | 35 | 16.2 | 90 | 1.3 | 20.5 | 5.4 | 294 | 3.73 | 83 | 3.4 | 2.2 | 6 | 0.4 | 6.5 | 0.6 | 50 | 0.1 | 0.094 | 12 | 33 | 0.49 | 91 | 0.033 | 0 | 1.68 | 0.003 | 0.05 | 0.1 | 0.34 | 3.2 | 0.2 | 0 | 6 | 0 | 0.2 |
| L14N/1050E | 6161997 | 349050 | 06-Sep | B | oj brn | 20 |  | Gavin/Kevin | L14N 1050E | 2.7 | 28.8 | 10.1 | 81 | 0.4 | 22.1 | 6.2 | 381 | 4.1 | 20.4 | 2.4 | 1.6 | 6 | 0.2 | 2.4 | 0.2 | 84 | 0.1 | 0.241 | 9 | 40 | 0.35 | 63 | 0.08 | 0 | 1.24 | 0.004 | 0.04 | 0 | 1.03 | 3.2 | 0.1 | 0 | 7 | 0 | 0 |
| L14N/1100E | 6161992 | 349103 | 06-Sep | B | oj brn | 45 |  | Gavin/Kevin | L14N 1100E | 2.2 | 33.2 | 7 | 75 | 0.5 | 27.8 | 7.6 | 300 | 3.77 | 14.9 | 0.5 | 1.2 | 5 | 0.4 | 1.6 | 0.1 | 60 | 0.08 | 0.105 | 6 | 38 | 0.45 | 90 | 0.042 | 0 | 1.48 | 0.002 | 0.04 | 0 | 0.39 | 3.2 | 0.1 | 0 | 5 | 0.6 | 0 |
| L14N/1150E | 6161995 | 349145 | 06-Sep | B | oj brn | 25 |  | Gavin/Kevin | L14N 1150E | 2.2 | 22.6 | 8.9 | 64 | 0.3 | 22 | 5.7 | 255 | 3.16 | 17.4 | 0 | 1.7 | 5 | 0.2 | 2 | 0.2 | 54 | 0.05 | 0.066 | 10 | 44 | 0.44 | 89 | 0.041 | 0 | 1.57 | 0.003 | 0.04 | 0 | 0.41 | 3.2 | 0.1 | 0 | 5 | 0 | 0 |
| L14N/1200E | 6162006 | 349198 | 06-Sep | B | brn | 45 |  | Gavin/Kevin | L14N 1200E | 1.7 | 38.5 | 8.5 | 72 | 0.3 | 32.2 | 11.9 | 452 | 2.21 | 27.5 | 4.2 | 0.5 | 16 | 0.5 | 2.3 | 0.2 | 33 | 0.46 | 0.05 | 10 | 64 | 0.43 | 159 | 0.027 | 0 | 1 | 0.004 | 0.05 | 0 | 0.6 | 2.7 | 0 | 0 | 3 | 0.7 | 0 |
| L14N/1250E | 6161995 | 349253 | 06-Sep | B | brn | 25 |  | Gavin/Kevin | L14N 1250E | 1.6 | 23.5 | 7.2 | 56 | 0.3 | 18.3 | 5.5 | 198 | 1.9 | 17.6 | 0.8 | 0.3 | 17 | 0.2 | 1.9 | 0.3 | 31 | 0.52 | 0.05 | 8 | 34 | 0.34 | 187 | 0.026 | 0 | 0.88 | 0.004 | 0.04 | 0 | 7.36 | 1.8 | 0.1 | 0 | 3 | 0 | 0 |
| L14N/1300E | 6162002 | 349300 | 06-Sep | B | lt brn | 45 |  | Gavin/Kevin | L14N 1300E | 2.5 | 48.4 | 9.9 | 89 | 0.4 | 43.9 | 10.1 | 609 | 2.48 | 22.2 | 4.2 | 1.1 | 15 | 0.5 | 2.9 | 0.3 | 36 | 0.43 | 0.069 | 12 | 56 | 0.54 | 160 | 0.033 | 0 | 1.33 | 0.004 | 0.07 | 0 | 1.58 | 3.5 | 0.1 | 0 | 4 | 0 | 0 |
| L14N/1350E | 6161999 | 349352 | 06-Sep | B | grey | 50 | Clayey, moved slightly off marsh | Gavin/Kevin | L14N 1350E | 3.4 | 24.3 | 9.5 | 77 | 0.3 | 26.8 | 8.4 | 629 | 2.87 | 24.1 | 1 | 0.7 | 22 | 0.3 | 1.7 | 0.3 | 39 | 0.82 | 0.071 | 9 | 47 | 0.55 | 307 | 0.03 | 0 | 1.14 | 0.009 | 0.06 | 0.1 | 0.53 | 3.5 | 0 | 0.05 | 4 | 1.7 | 0 |
| L14N/1400E | 6162000 | 349399 | 06-Sep | B | grey | 60 |  | Gavin/Kevin | L14N 1400E | 1.2 | 41.5 | 8.5 | 66 | 0.1 | 29 | 6.3 | 233 | 1.54 | 4.4 | 4 | 1.9 | 12 | 0.3 | 2.2 | 0.2 | 25 | 0.25 | 0.047 | 11 | 33 | 0.46 | 108 | 0.044 | 0 | 0.74 | 0.004 | 0.06 | 0 | 0.45 | 3 | 0 | 0 | 3 | 0 | 0 |
| L14N/1450E | 6162006 | 349457 | 06-Sep | B | brn | 30 |  | Gavin/Kevin | L14N 1450E | 3.6 | 61.4 | 21 | 315 | 0.4 | 31.5 | 12.4 | 797 | 2.91 | 151.9 | 5.4 | 1.2 | 14 | 1.4 | 10 | 0.8 | 38 | 0.27 | 0.075 | 14 | 34 | 0.65 | 126 | 0.03 | 0 | 1.27 | 0.005 | 0.07 | 0.4 | 0.35 | 3.4 | 0.1 | 0 | 4 | 1.1 | 0 |
| L14N/1500E | 6162000 | 349502 | 06-Sep | B | lt brn | 30 |  | Gavin/Kevin | L14N 1500E | 3.4 | 46.1 | 20.1 | 226 | 0.4 | 26.2 | 13.3 | 900 | 2.83 | 140.4 | 3.4 | 0.2 | 26 | 3.1 | 8 | 0.8 | 37 | 0.46 | 0.113 | 11 | 32 | 0.56 | 201 | 0.014 | 0 | 1.12 | 0.004 | 0.08 | 0.2 | 0.16 | 1.4 | 0.1 | 0 | 4 | 0 | 0 |
| L14N/150E | 6161997 | 348151 | 06-Sep | B | lt brn | 45 |  | Gavin/Kevin | L14N 150E | 3.4 | 36.6 | 13.6 | 57 | 0.6 | 21.1 | 4.8 | 272 | 2.75 | 33 | 2.5 | 0.8 | 7 | 0.4 | 6.2 | 0.3 | 38 | 0.09 | 0.038 | 12 | 39 | 0.4 | 159 | 0.029 | 0 | 1.19 | 0.002 | 0.06 | 0 | 0.22 | 2.1 | 0.1 | 0 | 5 | 0.5 | 0 |
| L14N/1550E | 6162000 | 349548 | 06-Sep | B | lt brn | 25 |  | Gavin/Kevin | L14N 1550E | 3.4 | 51.9 | 22.6 | 324 | 0.7 | 31.8 | 13.1 | 958 | 2.92 | 176.2 | 6.8 | 0.2 | 19 | 2.9 | 8.7 | 0.8 | 41 | 0.33 | 0.076 | 13 | 37 | 0.65 | 178 | 0.017 | 0 | 1.33 | 0.004 | 0.07 | 0.2 | 0.19 | 1.9 | 0.2 | 0 | 5 | 1.1 | 0 |

| GPS Name | UTM N | UTM E | Date Taken | Horizon | Colour | Depth (cm) | Notes | Sampler(s) | Sample Name | Mo (PPM) | Cu (PPM) | Pb (PPM) | Zn (PPM) | Ag (PPM) | Ni (PPM) | Co (PPM) | Mn (PPM) | Fe (%) | As (PPM) | Au (PPB) | Th (PPM) | Sr (PPM) | Cd (PPM) | Sb (PPM) | Bi (PPM) | V (PPM) | Ca (%) | P (%) | La (PPM) | Cr (PPM) | Mg (%) | Ba (PPM) | Ti (%) | B (PPM) | Al (%) | Na (%) | K (%) | W (PPM) | Hg (PPM) | Sc (PPM) | Tl (PPM) | S (%) | Ga (PPM) | Se (PPM) | Te (PPM) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L14N/1600E | 6162005 | 349602 | 06-Sep | B | lt brn | 40 | | Gavin/Kevin | L14N 1600E | 4.2 | 82.5 | 25.2 | 330 | 0.6 | 35.8 | 12.5 | 859 | 3.02 | 188.6 | 7.8 | 1 | 29 | 1.9 | 11.3 | 0.9 | 41 | 0.52 | 0.083 | 15 | 36 | 0.67 | 169 | 0.028 | 0 | 1.18 | 0.005 | 0.07 | 0.3 | 0.37 | 3.7 | 0.2 | 0 | 4 | 1.4 | 0.2 |
| L14N/1650E | 6162003 | 349651 | 06-Sep | B | grey brn | 35 | | Gavin/Kevin | L14N 1650E | 2.1 | 35.5 | 7.6 | 60 | 0 | 30.9 | 8.9 | 548 | 1.96 | 10.2 | 4.9 | 1.1 | 14 | 0.3 | 1.8 | 0.2 | 26 | 0.3 | 0.062 | 12 | 34 | 0.38 | 130 | 0.029 | 0 | 0.69 | 0.003 | 0.05 | 0 | 0.91 | 2.3 | 0 | 0 | 2 | 0 | 0 |
| L14N/1700E | 6162004 | 349701 | 06-Sep | B | lt brn | 20 | | Gavin/Kevin | L14N 1700E | 2.3 | 26.3 | 6.2 | 64 | 0.2 | 26.3 | 6.7 | 365 | 1.98 | 5.9 | 2.5 | 1 | 10 | 0.4 | 1.2 | 0.2 | 29 | 0.16 | 0.055 | 13 | 37 | 0.53 | 239 | 0.019 | 0 | 1.16 | 0.003 | 0.09 | 0 | 0.29 | 2.5 | 0 | 0 | 4 | 0 | 0 |
| L14N/1750E | 6162000 | 349753 | 07-Sep | B | lt brn | 25 | | Gavin/Kevin | L14N 1750E | 1.9 | 37.2 | 7.6 | 72 | 0.1 | 33.1 | 8.4 | 452 | 2.41 | 11.3 | 5.5 | 1.7 | 14 | 0.3 | 2.2 | 0.2 | 31 | 0.23 | 0.069 | 14 | 37 | 0.6 | 178 | 0.025 | 0 | 1.01 | 0.004 | 0.07 | 0 | 0.34 | 3 | 0 | 0 | 4 | 0 | 0 |
| L14N/1800E | 6161999 | 349803 | 07-Sep | B | lt brn | 25 | | Gavin/Kevin | L14N 1800E | 1.9 | 42.3 | 9.9 | 86 | 0.1 | 36.1 | 11.3 | 766 | 2.72 | 14.4 | 5.2 | 2.4 | 17 | 0.3 | 2.2 | 0.2 | 36 | 0.33 | 0.067 | 17 | 44 | 0.7 | 264 | 0.023 | 0 | 1.27 | 0.004 | 0.07 | 0 | 1.88 | 3.8 | 0 | 0 | 4 | 0 | 0 |
| L14N/1850E | 6162002 | 349852 | 07-Sep | B | lt brn | 30 | | Gavin/Kevin | L14N 1850E | 2.5 | 29.4 | 8.3 | 66 | 0.2 | 41.9 | 9.7 | 490 | 2.72 | 7.8 | 0.9 | 0.8 | 20 | 0.2 | 0.9 | 0.2 | 47 | 0.3 | 0.044 | 12 | 70 | 0.63 | 466 | 0.017 | 0 | 1.61 | 0.004 | 0.09 | 0 | 0.14 | 3.6 | 0 | 0 | 5 | 0 | 0 |
| L14N/1900E | 6162002 | 349905 | 07-Sep | B | brn | 35 | | Gavin/Kevin | L14N 1900E | 0.8 | 13.1 | 8.2 | 26 | 0.1 | 13.4 | 2.5 | 99 | 1.22 | 2.4 | 0.9 | 0 | 10 | 0.2 | 0.3 | 0.1 | 33 | 0.11 | 0.038 | 9 | 39 | 0.23 | 228 | 0.016 | 0 | 1.04 | 0.004 | 0.06 | 0 | 0.12 | 1.5 | 0 | 0 | 5 | 1.1 | 0 |
| L14N/1950E | 6161997 | 349953 | 07-Sep | B | lt brn | 35 | | Gavin/Kevin | L14N 1950E | 1.2 | 15.3 | 12.5 | 38 | 0.1 | 29.4 | 6.4 | 192 | 2.27 | 4.3 | 0 | 1.1 | 14 | 0 | 0.5 | 0.2 | 64 | 0.29 | 0.019 | 8 | 78 | 0.48 | 252 | 0.046 | 0 | 1.23 | 0.005 | 0.06 | 0 | 0.09 | 3.2 | 0 | 0.06 | 5 | 0 | 0 |
| L14N/2000E | 6162000 | 345000 | 07-Sep | B | yel brn | 10 | | Gavin/Kevin | L14N 2000E | 0.8 | 18.9 | 4.8 | 36 | 0 | 25.4 | 7.3 | 266 | 2.23 | 2.8 | 0 | 0.8 | 16 | 0.1 | 0.2 | 0 | 72 | 0.24 | 0.03 | 5 | 59 | 0.51 | 201 | 0.064 | 0 | 1.03 | 0.007 | 0.06 | 0 | 0.01 | 3.2 | 0 | 0 | 4 | 0 | 0 |
| L14N/200E | 6162001 | 348201 | 06-Sep | B | lt brn | 40 | | Gavin/Kevin | L14N 200E | 3.6 | 26 | 13.8 | 82 | 3 | 19.6 | 5.2 | 443 | 2.01 | 34.1 | 4 | 0.6 | 6 | 0.3 | 2.8 | 0.4 | 36 | 0.07 | 0.077 | 12 | 41 | 0.31 | 161 | 0.024 | 0 | 1.23 | 0.002 | 0.06 | 0 | 0.15 | 2.2 | 0.1 | 0 | 5 | 0.6 | 0 |
| L14N/2300W | 6161985 | 345693 | 12-Oct | B | brn | 10 | | Gavin/Kevin | L14N 2300W | 6.3 | 26 | 12.6 | 67 | 0 | 7.8 | 3.8 | 508 | 1.86 | 7.1 | 0 | 0.6 | 7 | 0.6 | 3.4 | 0.3 | 45 | 0.05 | 0.038 | 27 | 13 | 0.09 | 181 | 0.019 | 0 | 0.88 | 0.002 | 0.07 | 0 | 0 | 1.6 | 0.3 | 0 | 6 | 0 | 0 |
| L14N/2350W | 6161980 | 345647 | 12-Oct | B | brn | 15 | | Gavin/Kevin | L14N 2350W | 2.5 | 17.7 | 9.9 | 39 | 0.4 | 7.6 | 2.4 | 123 | 1.61 | 6.5 | 0 | 0 | 6 | 0 | 1.9 | 0.3 | 45 | 0.08 | 0.048 | 20 | 16 | 0.17 | 78 | 0.021 | 0 | 1.03 | 0.003 | 0.05 | 0 | 0.02 | 0.8 | 0.2 | 0 | 8 | 0 | 0 |
| L14N/2400W | 6161985 | 345602 | 12-Oct | B | oj brn | 35 | | Gavin/Kevin | L14N 2400W | 3.4 | 25.5 | 9.5 | 75 | 1 | 16.2 | 5.8 | 404 | 3.23 | 7.3 | 0 | 0.3 | 7 | 0.3 | 1.5 | 0.2 | 49 | 0.1 | 0.082 | 17 | 27 | 0.4 | 96 | 0.026 | 0 | 1.8 | 0.003 | 0.06 | 0 | 0.07 | 1.7 | 0.1 | 0 | 7 | 0.6 | 0 |
| L14N/2450W | 6161989 | 345551 | 12-Oct | B | brn | 20 | | Gavin/Kevin | L14N 2450W | 3 | 21.2 | 8.8 | 50 | 0.5 | 12.4 | 4.5 | 428 | 2.54 | 5.7 | 0 | 0.2 | 7 | 0.2 | 1.5 | 0.2 | 53 | 0.1 | 0.083 | 17 | 23 | 0.25 | 79 | 0.031 | 0 | 1.24 | 0.003 | 0.07 | 0 | 0.03 | 1.6 | 0.2 | 0 | 7 | 0 | 0 |
| L14N/2500W | 6161995 | 345504 | 12-Oct | B | brn | 20 | | Gavin/Kevin | L14N 2500W | 3.2 | 26.1 | 11.1 | 57 | 0.2 | 14.2 | 5.2 | 642 | 3.02 | 8.7 | 0.5 | 0.2 | 6 | 0.1 | 1.7 | 0.2 | 54 | 0.11 | 0.078 | 17 | 26 | 0.33 | 83 | 0.021 | 0 | 1.43 | 0.003 | 0.06 | 0 | 0.05 | 1.9 | 0.2 | 0 | 7 | 0.5 | 0 |
| L14N/250E | 6161999 | 348252 | 06-Sep | B | brn | 40 | | Gavin/Kevin | L14N 250E | 2.7 | 43.5 | 12.1 | 105 | 0.4 | 41.9 | 10.9 | 889 | 2.45 | 22.9 | 3.5 | 0.3 | 21 | 0.6 | 3.1 | 0.2 | 33 | 0.31 | 0.061 | 15 | 50 | 0.55 | 245 | 0.021 | 0 | 1.34 | 0.004 | 0.08 | 0 | 0.48 | 2.5 | 0.1 | 0 | 4 | 0.5 | 0 |
| L14N/2550W | 6161997 | 345454 | 12-Oct | B | brn | 25 | | Gavin/Kevin | L14N 2550W | 2.6 | 22.9 | 8 | 51 | 0.3 | 11.1 | 4.6 | 513 | 2.79 | 4.8 | 0 | 0.2 | 6 | 0.1 | 0.9 | 0.2 | 55 | 0.11 | 0.093 | 18 | 21 | 0.31 | 106 | 0.044 | 0 | 1.47 | 0.003 | 0.07 | 0 | 0.06 | 1.7 | 0.2 | 0 | 8 | 0 | 0 |
| L14N/2600W | 6161996 | 345400 | 12-Oct | B | brn | 30 | | Gavin/Kevin | L14N 2600W | 3.1 | 31.7 | 8.6 | 74 | 0.2 | 18.9 | 7.2 | 690 | 3.82 | 7.2 | 0 | 0.6 | 8 | 0.2 | 1 | 0.2 | 66 | 0.14 | 0.135 | 18 | 25 | 0.55 | 172 | 0.062 | 0 | 1.81 | 0.003 | 0.08 | 0 | 0.04 | 3 | 0.1 | 0 | 8 | 0 | 0 |
| L14N/2650W | 6162002 | 345348 | 12-Oct | B | brn | 25 | | Gavin/Kevin | L14N 2650W | 2.8 | 23.1 | 8.2 | 60 | 0.1 | 13.2 | 9.9 | 2023 | 3.9 | 3.9 | 0 | 0.4 | 7 | 0.2 | 0.6 | 0.3 | 79 | 0.15 | 0.086 | 14 | 30 | 0.4 | 140 | 0.104 | 0 | 1.84 | 0.004 | 0.07 | 0 | 0.03 | 2.7 | 0.2 | 0 | 9 | 0 | 0 |
| L14N/2700W | 6162002 | 345301 | 12-Oct | B | brn | 20 | | Gavin/Kevin | L14N 2700W | 2.5 | 25.2 | 8.6 | 57 | 0.6 | 11.4 | 6 | 898 | 3.16 | 3.8 | 0 | 0 | 8 | 0.3 | 0.7 | 0.2 | 68 | 0.2 | 0.095 | 16 | 23 | 0.33 | 131 | 0.052 | 0 | 1.48 | 0.003 | 0.08 | 0 | 0.03 | 1.6 | 0.1 | 0 | 8 | 0 | 0 |
| L14N/2750W | 6162002 | 345250 | 12-Oct | B | brn | 25 | | Gavin/Kevin | L14N 2750W | 2.5 | 23.1 | 8.3 | 51 | 0.1 | 12.6 | 5.7 | 618 | 3.24 | 3.6 | 0 | 0 | 7 | 0 | 0.6 | 0.2 | 71 | 0.15 | 0.119 | 14 | 24 | 0.33 | 124 | 0.052 | 0 | 1.38 | 0.002 | 0.08 | 0 | 0.06 | 1.1 | 0.2 | 0 | 8 | 0 | 0 |
| L14N/2800W | 6161997 | 345201 | 12-Oct | B | lt brn | 25 | | Gavin/Kevin | L14N 2800W | 2.3 | 15.6 | 7.1 | 33 | 0.3 | 8.4 | 2.6 | 185 | 1.83 | 3 | 0 | 0 | 6 | 0.1 | 0.4 | 0.2 | 44 | 0.1 | 0.059 | 18 | 21 | 0.29 | 83 | 0.014 | 0 | 1.51 | 0.003 | 0.05 | 0 | 0.2 | 0.9 | 0.2 | 0 | 7 | 0 | 0 |
| L14N/2850W | 6162002 | 345151 | 12-Oct | B | lt brn | 20 | | Gavin/Kevin | L14N 2850W | 2.3 | 19.8 | 7.9 | 45 | 0.3 | 9.1 | 4.9 | 413 | 2.43 | 4 | 0 | 0 | 6 | 0.2 | 0.6 | 0.2 | 43 | 0.29 | 0.068 | 10 | 17 | 0.36 | 86 | 0.021 | 0 | 1.56 | 0.006 | 0.08 | 0 | 0.04 | 1.2 | 0.1 | 0 | 7 | 0 | 0 |
| L14N/2900W | 6162003 | 345100 | 12-Oct | B | red brn | 15 | | Gavin/Kevin | L14N 2900W | 3.8 | 39.4 | 10.8 | 60 | 0.2 | 13.5 | 5.1 | 388 | 3.46 | 6.9 | 0 | 0.2 | 8 | 0.2 | 1.1 | 0.3 | 61 | 0.2 | 0.107 | 15 | 18 | 0.34 | 82 | 0.019 | 0 | 1.62 | 0.004 | 0.07 | 0 | 0.03 | 1.7 | 0.2 | 0 | 8 | 0 | 0 |
| L14N/2950W | 6162003 | 345048 | 12-Oct | B | lt grey | 10 | | Gavin/Kevin | L14N 2950W | 4.9 | 34.1 | 10.7 | 48 | 0.4 | 9 | 5 | 587 | 2.32 | 5.8 | 0.7 | 0.3 | 13 | 0.1 | 1 | 0.3 | 43 | 0.2 | 0.076 | 15 | 12 | 0.16 | 127 | 0.018 | 0 | 1.03 | 0.004 | 0.11 | 0 | 0.03 | 1.3 | 0.2 | 0 | 6 | 0 | 0 |
| L14N/3000W | 6162000 | 345000 | 12-Oct | B | brn | 20 | | Gavin/Kevin | L14N 3000W | 7.8 | 38.8 | 7.2 | 47 | 0.1 | 10.2 | 3.8 | 352 | 1.84 | 4.5 | 1.4 | 0 | 8 | 0.1 | 1 | 0.3 | 44 | 0.11 | 0.047 | 13 | 11 | 0.11 | 175 | 0.014 | 0 | 0.92 | 0.004 | 0.07 | 0 | 0.02 | 0.9 | 0.2 | 0 | 6 | 0 | 0 |
| L14N/300E | 6161997 | 348302 | 06-Sep | B | oj brn | 40 | | Gavin/Kevin | L14N 300E | 3.7 | 29.6 | 16.9 | 73 | 0.5 | 15.8 | 5.4 | 305 | 3.13 | 91.6 | 2.6 | 0.7 | 10 | 0.3 | 6.4 | 1.1 | 86 | 0.18 | 0.052 | 10 | 32 | 0.48 | 214 | 0.096 | 0 | 1.42 | 0.005 | 0.08 | 0.2 | 0.24 | 3.2 | 0.2 | 0 | 9 | 0 | 0.3 |
| L14N/350E | 6162003 | 348350 | 06-Sep | B | brn | 20 | | Gavin/Kevin | L14N 350E | 7.7 | 44 | 46.2 | 106 | 0.8 | 14.2 | 9.3 | 3019 | 2.65 | 87.2 | 0 | 0.4 | 30 | 1.7 | 8.4 | 0.9 | 59 | 0.45 | 0.075 | 17 | 22 | 0.34 | 353 | 0.065 | 0 | 1.37 | 0.006 | 0.07 | 0.2 | 0.14 | 2.4 | 0.2 | 0 | 9 | 0.8 | 0 |
| L14N/400E | 6161999 | 348400 | 06-Sep | B | grey brn | 20 | | Gavin/Kevin | L14N 400E | 5.5 | 19.6 | 29.8 | 56 | 0.8 | 7.2 | 5.8 | 805 | 1.25 | 28 | 0 | 0.2 | 25 | 0.6 | 14.9 | 0.5 | 41 | 0.46 | 0.041 | 14 | 16 | 0.19 | 318 | 0.037 | 0 | 1.09 | 0.004 | 0.07 | 0 | 0.09 | 1.5 | 0.2 | 0 | 6 | 0 | 0 |
| L14N/450E | 6162003 | 348451 | 06-Sep | B | brn | 25 | | Gavin/Kevin | L14N 450E | 8.8 | 109.2 | 48.7 | 206 | 2.9 | 68.6 | 21 | 2981 | 4.4 | 130.4 | 11.1 | 0.3 | 60 | 2.8 | 7.1 | 0.8 | 57 | 0.84 | 0.168 | 42 | 72 | 0.52 | 569 | 0.017 | 0 | 2.73 | 0.008 | 0.13 | 0 | 0.47 | 3.2 | 0.3 | 0.09 | 8 | 2 | 0 |
| L14N/500E | 6161995 | 348500 | 06-Sep | B | lt brn | 35 | | Gavin/Kevin | L14N 500E | 2.7 | 27.6 | 10.7 | 86 | 0.6 | 31.2 | 8.2 | 470 | 2.47 | 20.7 | 5.2 | 0.4 | 18 | 0.3 | 3 | 0.3 | 34 | 0.34 | 0.061 | 15 | 41 | 0.61 | 283 | 0.019 | 0 | 1.21 | 0.004 | 0.09 | 0 | 0.66 | 2.1 | 0.1 | 0 | 4 | 0 | 0 |
| L14N/50E | 6162001 | 348051 | 06-Sep | B | oj brn | 35 | | Gavin/Kevin | L14N 50E | 3.9 | 41.4 | 18.6 | 90 | 0.5 | 19 | 7 | 417 | 4.11 | 82.1 | 1.5 | 1.7 | 6 | 0.4 | 7.6 | 0.7 | 69 | 0.12 | 0.136 | 11 | 32 | 0.49 | 129 | 0.066 | 0 | 1.33 | 0.004 | 0.09 | 0 | 0.05 | 3.2 | 0.2 | 0 | 7 | 0.6 | 0 |
| L14N/550E | 6161998 | 348550 | 06-Sep | B | oj brn | 30 | | Gavin/Kevin | L14N 550E | 3.1 | 45.1 | 13.1 | 100 | 0.3 | 51.5 | 14.1 | 635 | 3.19 | 33 | 4.4 | 1 | 11 | 0.6 | 4.1 | 0.3 | 43 | 0.21 | 0.062 | 15 | 58 | 0.65 | 219 | 0.022 | 0 | 1.67 | 0.004 | 0.07 | 0 | 1.79 | 3.1 | 0.1 | 0 | 4 | 0.8 | 0 |
| L14N/600E | 6162009 | 348602 | 06-Sep | B | lt brn | 25 | | Gavin/Kevin | L14N 600E | 1.8 | 23.2 | 9.1 | 94 | 0.2 | 29.6 | 7.4 | 317 | 2.7 | 18.3 | 1 | 1.9 | 6 | 0.3 | 2.4 | 0.2 | 42 | 0.1 | 0.04 | 14 | 42 | 0.65 | 142 | 0.027 | 0 | 1.65 | 0.003 | 0.06 | 0 | 0.81 | 3 | 0.1 | 0 | 5 | 0.6 | 0 |
| L14N/650E | 6162000 | 348653 | 06-Sep | B | oj brn | 35 | | Gavin/Kevin | L14N 650E | 2.3 | 24.7 | 10.1 | 87 | 0.1 | 31 | 8.2 | 502 | 2.95 | 19.6 | 0.8 | 2.1 | 6 | 0.5 | 2.8 | 0.2 | 43 | 0.07 | 0.101 | 13 | 45 | 0.57 | 106 | 0.022 | 0 | 1.93 | 0.002 | 0.05 | 0 | 0.36 | 2.9 | 0.2 | 0 | 5 | 0 | 0 |
| L14N/700E | 6161999 | 348703 | 06-Sep | B | lt brn | 30 | | Gavin/Kevin | L14N 700E | 2.2 | 42.5 | 12.5 | 88 | 0.1 | 55.3 | 9.7 | 367 | 3.83 | 30.5 | 8.1 | 1.6 | 8 | 0.8 | 4.8 | 0.3 | 51 | 0.16 | 0.054 | 12 | 66 | 0.75 | 153 | 0.026 | 0 | 2.01 | 0.003 | 0.05 | 0 | 1.66 | 3.6 | 0.1 | 0 | 5 | 0.7 | 0 |
| L14N/750E | 6162005 | 348751 | 06-Sep | B | brn | 35 | | Gavin/Kevin | L14N 750E | 1.8 | 19.4 | 9.8 | 86 | 0.2 | 22.5 | 6.2 | 291 | 2.54 | 19.4 | 2.7 | 0.8 | 6 | 0.4 | 6 | 0.2 | 52 | 0.07 | 0.036 | 11 | 43 | 0.39 | 123 | 0.034 | 0 | 1.59 | 0.003 | 0.04 | 0 | 0.75 | 2.9 | 0.1 | 0 | 6 | 0.8 | 0 |
| L14N/800E | 6162001 | 348808 | 06-Sep | B | oj brn | 30 | | Gavin/Kevin | L14N 800E | 3.2 | 29.9 | 14.8 | 60 | 0.1 | 23.5 | 5 | 337 | 4.06 | 53.4 | 0.8 | 1.8 | 6 | 0.1 | 4.8 | 0.5 | 71 | 0.08 | 0.216 | 11 | 40 | 0.42 | 71 | 0.044 | 0 | 1.29 | 0.003 | 0.05 | 0.1 | 1.13 | 2.8 | 0.2 | 0 | 6 | 0 | 0 |
| L14N/850E | 6161996 | 348851 | 06-Sep | B | oj brn | 30 | | Gavin/Kevin | L14N 850E | 3.6 | 33.3 | 15.2 | 83 | 0.3 | 22.1 | 6.4 | 351 | 3.31 | 48.5 | 3.5 | 2.3 | 6 | 0.3 | 7.2 | 0.4 | 40 | 0.1 | 0.106 | 12 | 38 | 0.37 | 71 | 0.029 | 0 | 1.54 | 0.002 | 0.04 | 0.1 | 0.78 | 2.7 | 0.1 | 0 | 4 | 0.6 | 0 |
| L14N/900E | 6162000 | 348904 | 06-Sep | B | lt brn | 40 | | Gavin/Kevin | L14N 900E | 3.3 | 37.5 | 15.2 | 98 | 0.5 | 26.8 | 10.5 | 536 | 2.91 | 48 | 9.1 | 2.4 | 5 | 0.4 | 6.5 | 0.5 | 37 | 0.07 | 0.067 | 13 | 37 | 0.43 | 90 | 0.038 | 0 | 1.49 | 0.003 | 0.05 | 0 | 0.63 | 2.9 | 0.1 | 0 | 4 | 0 | 0 |
| L14N/950E | 6162003 | 348949 | 06-Sep | B | oj brn | 45 | | Gavin/Kevin | L14N 950E | 2.2 | 10 | 10.3 | 34 | 1 | 9.4 | 2.5 | 174 | 1.94 | 20.3 | 1.1 | 1.7 | 6 | 0.2 | 2.2 | 0.3 | 42 | 0.06 | 0.102 | 13 | 28 | 0.22 | 61 | 0.038 | 0 | 1.2 | 0.003 | 0.04 | 0 | 0.3 | 2.1 | 0.1 | 0 | 5 | 0 | 0 |
| L15S/1000W | 6159195 | 347001 | 03-Oct | B | lt brn | 40 | | Gavin/Michael | L15S 1000W | 3.3 | 25.2 | 6 | 215 | 0.3 | 25.9 | 16.5 | 556 | 4.92 | 4 | 1.1 | 1 | 16 | 1.4 | 0.4 | 0.2 | 174 | 0.22 | 0.054 | 5 | 83 | 1.09 | 141 | 0.06 | 0 | 2.03 | 0.003 | 0.05 | 0 | 0.04 | 8.2 | 0 | 0 | 13 | 0 | 0 |
| L15S/1050W | 6159205 | 346953 | 03-Oct | B | brn | 45 | | Gavin/Michael | L15S 1050W | 10.2 | 366 | 14 | 160 | 2.3 | 114 | 23.6 | 7740 | 4.17 | 11.5 | 11.2 | 2 | 81 | 2.7 | 1.2 | 0.3 | 48 | 0.93 | 0.138 | 80 | 33 | 0.87 | 378 | 0.013 | 0 | 2.53 | 0.004 | 0.08 | 0 | 0.85 | 14.2 | 0.6 | 0 | 5 | 1.2 | 0 |
| L15S/1100W | 6159192 | 346899 | 03-Oct | B | red brn | 70 | | Gavin/Michael | L15S 1100W | 4 | 83 | 2.5 | 229 | 0.1 | 38.2 | 50.7 | 1212 | 14.85 | 7.5 | 0.8 | 0.5 | 20 | 0.7 | 1 | 0.1 | 383 | 0.72 | 0.136 | 4 | 68 | 1.62 | 231 | 0.6 | 0 | 3.45 | 0.004 | 0.1 | 0.2 | 0.31 | 11.3 | 0.1 | 0 | 21 | 0 | 0 |
| L15S/1150W | 6159200 | 346850 | 03-Oct | N/S | | | | Gavin/Michael | L15S 1150W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L15S/1200W | 6159199 | 346802 | 03-Oct | B | lt brn | 35 | | Gavin/Michael | L15S 1200W | 11.5 | 80.9 | 25.8 | 300 | 0.1 | 32.4 | 14.6 | 1748 | 4.78 | 13.8 | 1.6 | 5.9 | 39 | 0.4 | 0.7 | 0.7 | 41 | 0.35 | 0.063 | 41 | 24 | 0.48 | 577 | 0.001 | 0 | 2.09 | 0.001 | 0.14 | 0 | 0.09 | 4.1 | 0.3 | 0 | 7 | 0.6 | 0 |
| L15S/1250W | 6159201 | 346745 | 03-Oct | C | brn | 35 | | Gavin/Michael | L15S 1250W | 6.3 | 122.1 | 17 | 114 | 0.4 | 30 | 12 | 1064 | 3.49 | 7.9 | 3.3 | 2.2 | 90 | 0.8 | 0.8 | 0.5 | 43 | 1.49 | 0.064 | 16 | 21 | 0.32 | 389 | 0.002 | 0 | 1.38 | 0.003 | 0.09 | 0 | 0.17 | 4.6 | 0.3 | 0 | 5 | 1.7 | 0 |
| L15S/1300W | 6159206 | 346700 | 03-Oct | B | brn | 40 | | Gavin/Michael | L15S 1300W | 9.6 | 196.3 | 24.1 | 177 | 1.3 | 83.8 | 22.5 | 4700 | 3.99 | 9.5 | 4.7 | 4.3 | 85 | 2.2 | 0.9 | 0.6 | 27 | 1.12 | 0.106 | 17 | 20 | 0.32 | 386 | 0.002 | 0 | 2.36 | 0.005 | 0.1 | 0 | 0.34 | 7.3 | 0.5 | 0 | 5 | 1.6 | 0 |
| L15S/1350W | 6159202 | 346654 | 03-Oct | B | lt brn | 30 | | Gavin/Michael | L15S 1350W | 31 | 186.3 | 30.5 | 251 | 1.8 | 100.3 | 28.2 | 1179 | 5.79 | 22.2 | 5.5 | 6.5 | 54 | 0.9 | 1.4 | 0.8 | 29 | 0.6 | 0.075 | 14 | 18 | 0.34 | 421 | 0 | 0 | 2.05 | 0.004 | 0.13 | 0 | 0.26 | 5.7 | 0.7 | 0 | 4 | 2.1 | 0 |
| L15S/1400W | 6159198 | 346597 | 03-Oct | B/C | lt red | 40 | | Gavin/Michael | L15S 1400W | 1.4 | 55.5 | 10.1 | 86 | 0 | 23.2 | 4.7 | 692 | 3.49 | 2.5 | 0 | 6.2 | 8 | 0 | 0.3 | 0.5 | 25 | 0.08 | 0.042 | 28 | 7 | 0.06 | 214 | 0.001 | 0 | 0.59 | 0 | 0.11 | 0 | 0.03 | 2.2 | 0.1 | 0 | 3 | 0 | 0 |
| L15S/1450W | 6159205 | 346553 | 03-Oct | B | brn | 35 | | Gavin/Michael | L15S 1450W | 16.6 | 70.9 | 13.8 | 117 | 0.2 | 33.4 | 13.4 | 413 | 3.85 | 7.6 | 2.1 | 4.4 | 43 | 0.3 | 1.8 | 0.3 | 44 | 0.67 | 0.04 | 26 | 19 | 0.21 | 355 | 0 | 0 | 1.17 | 0.002 | 0.09 | 0 | 0.07 | 5.2 | 0.2 | 0 | 3 | 0 | 0 |
| L15S/1500W | 6159201 | 346495 | 03-Oct | B | red brn | 40 | | Gavin/Michael | L15S 1500W | 2.9 | 32.8 | 4.4 | 148 | 0.3 | 17.2 | 16 | 829 | 8.47 | 1.8 | 0.9 | 0.6 | 12 | 0.4 | 0.5 | 0.2 | 324 | 1.07 | 0.136 | 2 | 74 | 0.63 | 145 | 0.631 | 0 | 2.34 | 0.006 | 0.06 | 0 | 0.04 | 5.4 | 0.1 | 0 | 15 | 0 | 0 |
| L15S/1550W | 6159205 | 346448 | 03-Oct | | | | Notes missing | Gavin/Michael | L15S 1550W | 3.2 | 88.3 | 10.9 | 103 | 0.2 | 19.5 | 13.8 | 585 | 4.49 | 5.5 | 0.7 | 1 | 86 | 0.4 | 0.4 | 0.3 | 119 | 1.48 | 0.056 | 15 | 37 | 0.37 | 371 | 0.03 | 0 | 1.86 | 0.006 | 0.07 | 0 | 0.08 | 6.7 | 0.1 | 0 | 7 | 1.4 | 0 |
| L15S/200W | 6159200 | 347800 | 03-Oct | B | brn | 40 | | Gavin/Michael | L15S 200W | 4 | 105.5 | 18.8 | 106 | 0.6 | 39.9 | 13.4 | 802 | 3.24 | 14.7 | 5.8 | 1.8 | 93 | 0.8 | 2.9 | 0.5 | 43 | 0.75 | 0.054 | 18 | 37 | 0.62 | 350 | 0.011 | 0 | 1.83 | 0.004 | 0.09 | 0 | 0.29 | 6.8 | 0.2 | 0 | 5 | 1.7 | 0 |
| L15S/250W | 6159201 | 347750 | 03-Oct | B | brn | 40 | | Gavin/Michael | L15S 250W | 4.9 | 140.8 | 14.9 | 96 | 0.8 | 35.2 | 10.6 | 664 | 3.03 | 15.8 | 8.9 | 1 | 69 | 0.6 | 3.1 | 0.5 | 35 | 0.59 | 0.105 | 25 | 34 | 0.53 | 225 | 0.01 | 0 | 1.49 | 0.006 | 0.08 | 0 | 0.47 | 5.9 | 0.2 | 0 | 4 | 0.6 | 0 |
| L15S/300W | 6159204 | 347695 | 03-Oct | B | brn | 40 | | Gavin/Michael | L15S 300W | 5.9 | 128.6 | 20.8 | 166 | 0.7 | 40.2 | 13.4 | 878 | 3.53 | 25.4 | 3.3 | 0.6 | 81 | 0.9 | 6.5 | 0.7 | 53 | 0.76 | 0.079 | 24 | 32 | 0.53 | 512 | 0.01 | 0 | 1.98 | 0.005 | 0.14 | 0.1 | 0.15 | 4.6 | 0.2 | 0 | 6 | 0.7 | 0 |
| L15S/350W | 6159202 | 347648 | 03-Oct | B | brn | 35 | | Gavin/Michael | L15S 350W | 4.8 | 86.6 | 9.6 | 74 | 0.6 | 20.7 | 7.8 | 346 | 3.28 | 11 | 5.9 | 1.1 | 37 | 0.5 | 2.2 | 0.3 | 63 | 0.33 | 0.047 | 32 | 25 | 0.34 | 252 | 0.036 | 0 | 1.37 | 0.004 | 0.07 | 0 | 0.15 | 5 | 0.1 | 0 | 6 | 0.6 | 0 |
| L15S/400W | 6159208 | 347588 | 03-Oct | B | lt oj brn | 45 | | Gavin/Michael | L15S 400W | 3 | 24 | 5.4 | 66 | 0.2 | 13.7 | 4.7 | 222 | 2.74 | 5.1 | 1.1 | 2.1 | 19 | 0.3 | 0.6 | 0.2 | 61 | 0.19 | 0.031 | 14 | 25 | 0.32 | 173 | 0.056 | 0 | 1.03 | 0.003 | 0.07 | 0 | 0.02 | 2.4 | 0 | 0 | 5 | 0 | 0 |
| L15S/450W | 6159201 | 347547 | 03-Oct | B | brn | 30 | | Gavin/Michael | L15S 450W | 5.8 | 193.7 | 12.4 | 100 | 1.3 | 36.8 | 11.7 | 1111 | 2.95 | 5.5 | 6.7 | 0.9 | 97 | 1.9 | 0.9 | 0.4 | 32 | 0.67 | 0.12 | 39 | 23 | 0.28 | 329 | 0.004 | 0 | 1.61 | 0.002 | 0.09 | 0 | 0.66 | 4.6 | 0.2 | 0 | 4 | 2.9 | 0 |
| L15S/500W | 6159202 | 347498 | 03-Oct | B | red brn | 40 | | Gavin/Michael | L15S 500W | 8.3 | 118.1 | 14.9 | 141 | 0.8 | 34.3 | 14.5 | 495 | 4.31 | 8.7 | 4.1 | 2.9 | 62 | 0.6 | 1 | 0.5 | 48 | 0.37 | 0.044 | 15 | 22 | 0.24 | 303 | 0.003 | 0 | 1.69 | 0.003 | 0.11 | 0 | 0.19 | 4.2 | 0.2 | 0 | 5 | 1.2 | 0 |
| L15S/550W | 6159199 | 347448 | 03-Oct | B | lt brn | 45 | | Gavin/Michael | L15S 550W | 5.1 | 51.5 | 13.6 | 96 | 0.3 | 18.1 | 6.3 | 488 | 3.14 | 5.8 | 0.8 | 1.1 | 18 | 0.4 | 0.7 | 0.4 | 40 | 0.16 | 0.091 | 21 | 15 | 0.24 | 211 | 0.005 | 0 | 1.02 | 0.003 | 0.17 | 0 | 0.03 | 2 | 0.2 | 0 | 5 | 0 | 0.2 |
| L15S/600W | 6159193 | 347397 | 03-Oct | B | lt brn | 30 | | Gavin/Michael | L15S 600W | 3.9 | 30.9 | 6.8 | 88 | 0.2 | 16.8 | 6.2 | 232 | 2.84 | 3.8 | 0.9 | 1.7 | 34 | 0.4 | 0.6 | 0.2 | 73 | 0.28 | 0.035 | 15 | 23 | 0.29 | 195 | 0.035 | 0 | 1.32 | 0.005 | 0.08 | 0 | 0.04 | 3.2 | 0 | 0 | 7 | 0 | 0 |
| L15S/650W | 6159191 | 347351 | 03-Oct | B | oj brn | 35 | | Gavin/Michael | L15S 650W | 5.7 | 35.6 | 8.7 | 81 | 0.2 | 16.9 | 6.2 | 255 | 3.38 | 6.7 | 1.9 | 2.1 | 31 | 0.7 | 0.8 | 0.3 | 54 | 0.18 | 0.032 | 15 | 19 | 0.36 | 195 | 0.015 | 0 | 1.14 | 0.003 | 0.11 | 0 | 0.03 | 2.5 | 0 | 0 | 5 | 0.5 | 0 |
| L15S/700W | 6159205 | 347303 | 03-Oct | B | lt brn | 40 | | Gavin/Michael | L15S 700W | 3 | 41.9 | 10.7 | 277 | 0.5 | 22.4 | 19.4 | 661 | 3.66 | 2.9 | 2.4 | 1.4 | 46 | 2.4 | 0.5 | 0.3 | 92 | 0.43 | 0.073 | 16 | 34 | 0.37 | 368 | 0.055 | 0 | 1.52 | 0.018 | 0.08 | 0 | 0.04 | 4.1 | 0.1 | 0 | 8 | 0.5 | 0 |
| L15S/750W | 6159193 | 347246 | 03-Oct | B | brn | 25 | | Gavin/Michael | L15S 750W | 7.5 | 89.8 | 15.9 | 117 | 0.8 | 13.2 | 5.2 | 268 | 2.35 | 4.5 | 1.8 | 2.6 | 67 | 2.4 | 0.8 | 0.4 | 42 | 0.51 | 0.055 | 24 | 14 | 0.15 | 437 | 0.002 | 0 | 1.12 | 0.003 | 0.15 | 0 | 0.04 | 2.2 | 0.1 | 0 | 6 | 0 | 0.2 |
| L15S/800W | 6159196 | 347202 | 03-Oct | B | lt brn | 30 | | Gavin/Michael | L15S 800W | 4.6 | 85.4 | 14.1 | 199 | 0.8 | 25.6 | 16.6 | 497 | 4.5 | 8.1 | 2.1 | 1.5 | 57 | 1 | 0.5 | 0.3 | 72 | 0.56 | 0.063 | 12 | 28 | 0.41 | 382 | 0.041 | 0 | 2.23 | 0.006 | 0.06 | 0.1 | 0.1 | 4.7 | 0.1 | 0 | 9 | 1.8 | 0 |
| L15S/850W | 6159193 | 347150 | 03-Oct | B | lt oj brn | 45 | | Gavin/Michael | L15S 850W | 2.4 | 28.2 | 8.1 | 96 | 0 | 14.1 | 5.5 | 241 | 3.02 | 4.5 | 10.7 | 1.9 | 7 | 0.9 | 0.3 | 0.2 | 77 | 0.35 | 0.073 | 10 | 34 | 0.53 | 174 | 0.019 | 0 | 2.82 | 0.005 | 0.03 | 0 | 0.04 | 5.7 | 0 | 0 | 10 | 0 | 0 |
| L15S/900W | 6159202 | 347101 | 03-Oct | B | lt brn | 30 | | Gavin/Michael | L15S 900W | 4.1 | 85.4 | 13.3 | 271 | 0.2 | 38.2 | 14.2 | 1013 | 3.65 | 6 | 2.5 | 3.3 | 12 | 2.9 | 0.4 | 0.4 | 115 | 0.22 | 0.164 | 34 | 54 | 0.31 | 294 | 0.004 | 0 | 2.49 | 0.003 | 0.06 | 0 | 0.03 | 6.6 | 0.2 | 0 | 8 | 1 | 0 |
| L15S/950W | 6159193 | 347056 | 03-Oct | B | lt brn | 30 | | Gavin/Michael | L15S 950W | 7.9 | 702.3 | 23.1 | 148 | 6.3 | 131.3 | 32.2 | 5245 | 4.7 | 11.8 | 33.1 | 6.4 | 86 | 3.5 | 1.6 | 0.6 | 39 | 0.81 | 0.126 | 25 | 41 | 0.41 | 443 | 0.009 | 0 | 3.38 | 0.006 | 0.11 | 0 | 1.13 | 18.8 | 0.9 | 0 | 5 | 3.6 | 0 |
| L16N/0W | 6162204 | 348002 | 27-Aug | B | brn | 25 | | Gavin/Radio | L16N 0W | 4.9 | 49.9 | 16.1 | 93 | 0.4 | 37.1 | 15 | 683 | 2.8 | 25.3 | 3.2 | 0.3 | 12 | 0.5 | 3.3 | 0.3 | 47 | 0.15 | 0.059 | 16 | 48 | 0.64 | 271 | 0.022 | 0 | 1.62 | 0.004 | 0.07 | 0 | 0.2 | 1.8 | 0.2 | 0 | 5 | 0 | 0 |
| L16N/1000E | 6162191 | 349006 | 27-Aug | B | oj | 30 | | Gavin/Radio | L16N 1000E | 2.4 | 34 | 8 | 80 | 0 | 25.4 | 7.9 | 287 | 2.85 | 15.8 | 0.8 | 1.9 | 5 | 0.3 | 1.8 | 0.2 | 44 | 0.09 | 0.076 | 9 | 40 | 0.34 | 82 | 0.051 | 0 | 1.19 | 0.003 | 0.03 | 0 | 0.84 | 2.8 | 0 | 0 | 3 | 0 | 0 |
| L16N/100E | 6162201 | 348101 | 27-Aug | B | brn | 30 | | Gavin/Radio | L16N 100E | 5.7 | 80.1 | 13.3 | 119 | 2.3 | 50.7 | 21.6 | 1036 | 2.62 | 18.5 | 4.1 | 0.2 | 26 | 0.7 | 3.1 | 0.3 | 39 | 0.24 | 0.082 | 21 | 73 | 0.46 | 218 | 0.015 | 0 | 2.12 | 0.004 | 0.08 | 0 | 0.87 | 1.8 | 0.2 | 0 | 5 | 1.6 | 0 |
| L16N/100W | 6162198 | 347902 | 27-Aug | B | oj brn | 25 | | Gavin/Radio | L16N 100W | 4.3 | 27.1 | 12 | 60 | 0.5 | 19.2 | 5.3 | 313 | 3.22 | 27.3 | 2.9 | 0.4 | 6 | 0.4 | 3.4 | 0.6 | 44 | 0.07 | 0.088 | 12 | 38 | 0.43 | 118 | 0.031 | 0 | 1.35 | 0.003 | 0.06 | 0 | 0.17 | 1.7 | 0.2 | 0 | 5 | 0.5 | 0 |
| L16N/1050E | 6162196 | 349053 | 27-Aug | B | oj | 35 | Sandy | Gavin/Radio | L16N 1050E | 2.6 | 41 | 9.7 | 98 | 0.1 | 34.8 | 12.7 | 543 | 4.02 | 25.6 | 1.1 | 2 | 7 | 0.6 | 2.9 | 0.2 | 78 | 0.14 | 0.11 | 11 | 49 | 0.54 | 195 | 0.056 | 0 | 2.03 | 0.003 | 0.04 | 0 | 2.13 | 4.4 | 0.1 | 0 | 6 | 0 | 0 |
| L16N/1100E | 6162196 | 349100 | 27-Aug | B | oj | 50 | | Gavin/Radio | L16N 1100E | 2.6 | 31.2 | 7.2 | 60 | 0.3 | 22.7 | 6.5 | 223 | 2.56 | 20.7 | 1.2 | 0.5 | 15 | 0.4 | 2.2 | 0.2 | 47 | 0.55 | 0.05 | 8 | 70 | 0.32 | 179 | 0.039 | 0 | 1.04 | 0.002 | 0.03 | 0 | 24.47 | 2.1 | 0 | 0 | 3 | 0.6 | 0 |
| L16N/1150E | 6162200 | 349152 | 27-Aug | N/S | | | Marsh | Gavin/Radio | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L16N/1200E | 6162200 | 349201 | 27-Aug | N/S | | | Marsh | Gavin/Radio | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L16N/1250E | 6162205 | 349251 | 27-Aug | N/S | | | Marsh | Gavin/Radio | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L16N/1300E | 6162203 | 349300 | 27-Aug | N/S | | | Marsh | Gavin/Radio | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L16N/1350N | 6162197 | 349351 | 27-Aug | B | lt brn | 25 | | Gavin/Radio | L16N 1350E | 2.5 | 48.9 | 7.7 | 66 | 0 | 32.2 | 10 | 381 | 2.21 | 10.2 | 6 | 1.3 | 9 | 0.3 | 1.6 | 0.2 | 33 | 0.15 | 0.047 | 11 | 39 | 0.39 | 109 | 0.033 | 0 | 0.83 | 0.003 | 0.04 | 0 | 0.37 | 2.6 | 0 | 0 | 2 | 0 | 0 |
| L16N/1400E | 6162207 | 349406 | 27-Aug | B | yel brn | 30 | | Gavin/Radio | L16N 1400E | 2.3 | 34.5 | 6.9 | 66 | 0.2 | 27.8 | 6.3 | 177 | 2.08 | 9.4 | 2.8 | 2.3 | 5 | 0.2 | 1.1 | 0.2 | 33 | 0.05 | 0.104 | 10 | 36 | 0.3 | 74 | 0.036 | 0 | 1.11 | 0.001 | 0.02 | 0 | 1.23 | 2.2 | 0.1 | 0 | 2 | 0 | 0 |
| L16N/1450E | 6162203 | 349450 | 27-Aug | B | yel brn | 30 | | Gavin/Radio | L16N 1450E | 1.9 | 30.5 | 6.8 | 58 | 0.3 | 23.6 | 5.8 | 246 | 2.09 | 7.4 | 3.7 | 2.6 | 6 | 0.2 | 1.6 | 0.2 | 33 | 0.08 | 0.068 | 15 | 35 | 0.52 | 97 | 0.026 | 0 | 1.21 | 0.003 | 0.04 | 0 | 0.46 | 2.3 | 0.1 | 0 | 4 | 0 | 0 |

| GPS Name | UTM N | UTM E | Date Taken | Horizon | Colour | Depth (cm) | Notes | Sampler(s) | Sample Name | Mo (PPM) | Cu (PPM) | Pb (PPM) | Zn (PPM) | Ag (PPM) | Ni (PPM) | Co (PPM) | Mn (PPM) | Fe (%) | As (PPM) | Au (PPB) | Th (PPM) | Sr (PPM) | Cd (PPM) | Sb (PPM) | Bi (PPM) | V (PPM) | Ca (%) | P (%) | La (PPM) | Cr (PPM) | Mg (%) | Ba (PPM) | Ti (%) | B (PPM) | Al (%) | Na (%) | K (%) | W (PPM) | Hg (PPM) | Sc (PPM) | Tl (PPM) | S (%) | Ga (PPM) | Se (PPM) | Te (PPM) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L16N/1500E | 6162195 | 349501 | 27-Aug | B | yel brn | 35 | clayey | Gavin/Radio | L16N 1500E | 2.3 | 29.9 | 7.6 | 60 | 0.1 | 24.8 | 6.1 | 310 | 2.16 | 8.8 | 3.6 | 2.9 | 6 | 0.2 | 2 | 0.2 | 31 | 0.08 | 0.057 | 17 | 32 | 0.52 | 82 | 0.037 | 0 | 1.06 | 0.003 | 0.06 | 0 | 0.55 | 2.1 | 0 | 0 | 3 | 0 | 0 |
| L16N/150E | 6162200 | 348154 | 27-Aug | B | oj brn | 30 | grey A horiz above | Gavin/Radio | L16N 150E | 2.8 | 21.4 | 10.6 | 45 | 0.2 | 17.6 | 3.9 | 216 | 2.29 | 14.3 | 0.7 | 0.2 | 13 | 0.3 | 2.1 | 0.2 | 43 | 0.14 | 0.031 | 13 | 35 | 0.41 | 112 | 0.028 | 0 | 1.16 | 0.003 | 0.05 | 0 | 0.4 | 1.3 | 0.1 | 0 | 5 | 0 | 0 |
| L16N/150W | 6162209 | 347853 | 27-Aug | B | brn | 25 | | Gavin/Radio | L16N 150W | 5.5 | 67.4 | 18 | 117 | 4.6 | 37 | 22.1 | 930 | 2.37 | 50.1 | 18 | 0 | 11 | 0.9 | 4.5 | 0.5 | 41 | 0.11 | 0.082 | 18 | 48 | 0.42 | 241 | 0.017 | 0 | 2.1 | 0.004 | 0.06 | 0 | 0.65 | 1.4 | 0.3 | 0 | 6 | 1.1 | 0 |
| L16N/1550E | 6162200 | 349550 | 27-Aug | B | yel brn | 30 | clayey | Gavin/Radio | L16N 1550E | 2.2 | 33.5 | 6.7 | 54 | 0 | 24.3 | 6.1 | 258 | 1.8 | 8.8 | 3.3 | 0.5 | 8 | 0.2 | 1.4 | 0.2 | 25 | 0.09 | 0.051 | 11 | 29 | 0.29 | 79 | 0.03 | 0 | 0.72 | 0.002 | 0.04 | 0 | 0.3 | 1.6 | 0 | 0 | 2 | 0 | 0 |
| L16N/200E | 6162202 | 348206 | 27-Aug | B | brn | 30 | | Gavin/Radio | L16N 200E | 6.1 | 57 | 13.7 | 98 | 1 | 40.4 | 8.4 | 411 | 2.9 | 27.6 | 4.7 | 0.4 | 11 | 0.4 | 4.3 | 0.3 | 44 | 0.14 | 0.057 | 16 | 57 | 0.59 | 134 | 0.034 | 0 | 1.51 | 0.003 | 0.06 | 0 | 1.64 | 2.4 | 0.2 | 0 | 5 | 0.8 | 0 |
| L16N/200W | 6162195 | 347806 | 27-Aug | B | brn | 25 | | Gavin/Radio | L16N 200W | 4.5 | 30.9 | 12.5 | 74 | 0.6 | 24.1 | 6 | 363 | 2.8 | 33.4 | 3.1 | 0.8 | 8 | 0.4 | 4.6 | 0.4 | 44 | 0.08 | 0.044 | 16 | 38 | 0.51 | 144 | 0.049 | 0 | 1.27 | 0.003 | 0.07 | 0 | 0.14 | 2.2 | 0.1 | 0 | 5 | 0 | 0 |
| L16N/2500W | 6162200 | 345500 | 25-Aug | B | oj brn | 35 | | Gavin/Radio | L16N 2500W | 5 | 40.8 | 18.8 | 80 | 0.7 | 22.3 | 10.2 | 1809 | 4.42 | 10.4 | 0 | 0.2 | 5 | 0.4 | 2.3 | 0.4 | 68 | 0.05 | 0.114 | 16 | 46 | 0.27 | 169 | 0.009 | 0 | 1.67 | 0.002 | 0.08 | 0 | 0.08 | 1.1 | 0.3 | 0 | 9 | 0 | 0 |
| L16N/250E | 6162203 | 348259 | 27-Aug | B | grey brn | 35 | Clayey | Gavin/Radio | L16N 250E | 2.9 | 35.5 | 11.5 | 64 | 0.5 | 28 | 6.5 | 320 | 2.38 | 13.7 | 2.6 | 0.1 | 9 | 0.3 | 2.5 | 0.2 | 42 | 0.12 | 0.065 | 15 | 42 | 0.63 | 171 | 0.019 | 0 | 1.6 | 0.003 | 0.07 | 0 | 0.25 | 1.2 | 0.2 | 0 | 5 | 0 | 0 |
| L16N/250W | 6162197 | 347756 | 27-Aug | B | brn | 30 | | Gavin/Radio | L16N 250W | 3.8 | 44.5 | 13.6 | 74 | 0.6 | 26.2 | 7.1 | 410 | 3.3 | 32.6 | 5.5 | 0.5 | 8 | 0.4 | 5.2 | 0.4 | 40 | 0.08 | 0.041 | 15 | 39 | 0.52 | 103 | 0.028 | 0 | 1.52 | 0.002 | 0.05 | 0 | 0.17 | 2 | 0.1 | 0 | 4 | 0.6 | 0 |
| L16N/2550W | 6162202 | 345453 | 25-Aug | B | lt brn | 30 | | Gavin/Radio | L16N 2550W | 6.3 | 57.4 | 17.7 | 91 | 0.2 | 36.2 | 11.1 | 859 | 3.85 | 20.4 | 2.8 | 0.2 | 7 | 0.3 | 2.8 | 0.3 | 49 | 0.06 | 0.16 | 13 | 39 | 0.52 | 129 | 0.008 | 0 | 1.52 | 0.002 | 0.06 | 0 | 0.06 | 1.3 | 0.2 | 0 | 5 | 0 | 0 |
| L16N/2600W | 6162199 | 345401 | 25-Aug | B | oj brn | 20 | | Gavin/Radio | L16N 2600W | 5.4 | 40.3 | 13.1 | 65 | 0.3 | 17.1 | 6.7 | 263 | 4.3 | 8.5 | 0 | 0.3 | 6 | 0.3 | 1.3 | 0.4 | 78 | 0.11 | 0.144 | 14 | 28 | 0.25 | 115 | 0.033 | 0 | 1.36 | 0.002 | 0.07 | 0 | 0.05 | 1.6 | 0.1 | 0 | 8 | 0 | 0 |
| L16N/2650W | 6162201 | 345350 | 25-Aug | B | oj brn | 15 | | Gavin/Radio | L16N 2650W | 6.1 | 35.5 | 10.9 | 59 | 0.1 | 23.5 | 6.7 | 334 | 3.29 | 9 | 1.3 | 0.2 | 5 | 0.2 | 0.9 | 0.3 | 61 | 0.1 | 0.077 | 18 | 40 | 0.52 | 129 | 0.014 | 0 | 1.82 | 0.004 | 0.05 | 0 | 0.06 | 1.4 | 0.3 | 0 | 8 | 0 | 0 |
| L16N/2700W | 6162199 | 345305 | 25-Aug | B | brn | 35 | | Gavin/Radio | L16N 2700W | 3 | 26.6 | 8.8 | 55 | 0.2 | 13.9 | 5.6 | 384 | 2.27 | 4.6 | 0.6 | 0.1 | 5 | 0.2 | 0.7 | 0.3 | 44 | 0.14 | 0.073 | 15 | 19 | 0.33 | 74 | 0.019 | 0 | 1.46 | 0.003 | 0.06 | 0 | 0.04 | 1.1 | 0.2 | 0 | 6 | 0 | 0 |
| L16N/2750W | 6162205 | 345250 | 25-Aug | B | lt brn | 25 | | Gavin/Radio | L16N 2750W | 3.3 | 30.3 | 11.9 | 49 | 0.1 | 12.5 | 4.7 | 248 | 2.6 | 5.2 | 0.9 | 0.1 | 5 | 0.3 | 0.6 | 0.3 | 66 | 0.21 | 0.072 | 12 | 22 | 0.42 | 103 | 0.024 | 0 | 2.23 | 0.005 | 0.04 | 0 | 0.05 | 1.5 | 0.2 | 0 | 9 | 0 | 0 |
| L16N/2800W | 6162201 | 345201 | 25-Aug | B | lt brn | 20 | | Gavin/Radio | L16N 2800W | 1.6 | 20.3 | 7.1 | 35 | 0.1 | 8.1 | 3.5 | 220 | 1.76 | 3.1 | 1.1 | 0 | 5 | 0.2 | 0.4 | 0.2 | 48 | 0.24 | 0.041 | 11 | 16 | 0.28 | 83 | 0.035 | 0 | 1.72 | 0.004 | 0.05 | 0 | 0.04 | 1.2 | 0.2 | 0 | 8 | 0 | 0 |
| L16N/2850W | 6162199 | 345151 | 25-Aug | B | oj brn | 15 | | Gavin/Radio | L16N 2850W | 2.9 | 33.4 | 8.1 | 57 | 0.6 | 11.9 | 5.9 | 591 | 3.29 | 5.4 | 1.3 | 0.1 | 6 | 0.4 | 0.7 | 0.2 | 66 | 0.36 | 0.076 | 10 | 23 | 0.4 | 102 | 0.039 | 0 | 2.33 | 0.005 | 0.04 | 0 | 0.06 | 1.8 | 0.2 | 0 | 9 | 0 | 0 |
| L16N/2900W | 6162202 | 345100 | 25-Aug | B | lt brn | 25 | | Gavin/Radio | L16N 2900W | 8.7 | 84.3 | 15.7 | 70 | 0.3 | 16.8 | 6.7 | 203 | 2.76 | 8.1 | 1.3 | 0.1 | 9 | 0.2 | 1 | 0.5 | 44 | 0.07 | 0.089 | 16 | 13 | 0.15 | 136 | 0.006 | 0 | 1.28 | 0.003 | 0.06 | 0 | 0.05 | 0.7 | 0.3 | 0 | 6 | 0.5 | 0 |
| L16N/2950W | 6162200 | 345052 | 25-Aug | B | brn | 20 | | Gavin/Radio | L16N 2950W | 4.2 | 26.7 | 10.5 | 50 | 0.9 | 11.2 | 5 | 278 | 2.08 | 6.5 | 2.8 | 0.1 | 8 | 0.2 | 0.6 | 0.3 | 37 | 0.11 | 0.066 | 10 | 15 | 0.45 | 228 | 0.007 | 0 | 1.85 | 0.003 | 0.05 | 0 | 0.1 | 0.8 | 0.3 | 0 | 6 | 0 | 0 |
| L16N/3000W | 6162200 | 345000 | 25-Aug | B | brn | 25 | | Gavin/Radio | L16N 3000W | 2.3 | 55.2 | 13.2 | 107 | 0.4 | 17.6 | 12.1 | 1580 | 3.63 | 9 | 3.3 | 0 | 24 | 0.6 | 1.8 | 0.3 | 32 | 0.26 | 0.163 | 7 | 15 | 0.35 | 305 | 0.005 | 0 | 1.27 | 0.004 | 0.09 | 0 | 0.05 | 0.5 | 0.2 | 0.07 | 4 | 0.6 | 0 |
| L16N/300E | 6162201 | 348300 | 27-Aug | B | oj brn | 30 | | Gavin/Radio | L16N 300E | 3.2 | 25.8 | 11.6 | 67 | 0.2 | 27.1 | 6.5 | 337 | 3.4 | 18.7 | 1.5 | 0.2 | 7 | 0.4 | 2.7 | 0.2 | 44 | 0.08 | 0.114 | 10 | 48 | 0.55 | 149 | 0.015 | 0 | 1.41 | 0.003 | 0.05 | 0 | 0.24 | 1.2 | 0.1 | 0 | 5 | 0 | 0 |
| L16N/300W | 6162200 | 347700 | 27-Aug | B | brn | 25 | | Gavin/Radio | L16N 300W | 4.3 | 46.3 | 22.9 | 55 | 0.9 | 17.2 | 3.8 | 148 | 1.76 | 104.8 | 173.8 | 0.3 | 9 | 0.4 | 14.3 | 0.5 | 44 | 0.09 | 0.031 | 15 | 30 | 0.2 | 103 | 0.044 | 0 | 0.85 | 0.003 | 0.05 | 0 | 0.13 | 1.4 | 0.2 | 0 | 5 | 0.8 | 0 |
| L16N/350E | 6162202 | 348353 | 27-Aug | B | brn | 30 | | Gavin/Radio | L16N 350E | 3.3 | 24.8 | 11.2 | 46 | 0.3 | 16.2 | 6.1 | 333 | 2 | 14.8 | 1.1 | 0.2 | 8 | 0.4 | 2.2 | 0.2 | 38 | 0.12 | 0.053 | 14 | 32 | 0.29 | 174 | 0.027 | 0 | 1 | 0.003 | 0.07 | 0 | 0.62 | 1.1 | 0.2 | 0 | 5 | 0 | 0 |
| L16N/400E | 6162203 | 348404 | 27-Aug | B | lt brn | 30 | | Gavin/Radio | L16N 400E | 3.1 | 49.3 | 13.4 | 98 | 0.2 | 51.4 | 10.1 | 457 | 3.17 | 28.7 | 4.4 | 1.6 | 10 | 0.5 | 5.7 | 0.3 | 45 | 0.17 | 0.071 | 16 | 53 | 0.77 | 126 | 0.046 | 0 | 1.5 | 0.004 | 0.07 | 0 | 0.43 | 3 | 0.1 | 0 | 4 | 0.6 | 0 |
| L16N/450E | 6162207 | 348455 | 27-Aug | B/C | grey brn | 35 | clayey | Gavin/Radio | L16N 450E | 3.8 | 44.5 | 12.4 | 126 | 0.5 | 52.7 | 12.1 | 511 | 3.19 | 18.2 | 6.2 | 0.2 | 13 | 0.5 | 2.4 | 0.3 | 47 | 0.33 | 0.079 | 17 | 65 | 0.68 | 219 | 0.013 | 0 | 1.92 | 0.005 | 0.08 | 0 | 0.66 | 2.3 | 0.2 | 0 | 5 | 0 | 0 |
| L16N/500E | 6162199 | 348501 | 27-Aug | B | oj brn | 30 | | Gavin/Radio | L16N 500E | 2.6 | 43.8 | 11.8 | 117 | 0.2 | 54.3 | 14.8 | 504 | 3.25 | 23.4 | 4.8 | 0.8 | 9 | 0.5 | 3.3 | 0.3 | 50 | 0.24 | 0.061 | 14 | 61 | 0.72 | 217 | 0.025 | 0 | 1.65 | 0.004 | 0.08 | 0 | 0.82 | 3 | 0.1 | 0 | 5 | 0 | 0 |
| L16N/50E | 6162205 | 348055 | 27-Aug | B | brn | 30 | | Gavin/Radio | L16N 50E | 4.4 | 64.6 | 14.8 | 73 | 0.9 | 32.3 | 9.3 | 545 | 2.73 | 17.7 | 5.2 | 0.2 | 9 | 0.5 | 2.9 | 0.3 | 42 | 0.09 | 0.061 | 14 | 49 | 0.48 | 159 | 0.02 | 0 | 1.63 | 0.003 | 0.07 | 0 | 0.32 | 1.6 | 0.2 | 0 | 5 | 0 | 0 |
| L16N/50W | 6162205 | 347958 | 27-Aug | B | brn | 30 | | Gavin/Radio | L16N 50W | 4.4 | 62 | 12 | 156 | 0.7 | 58.2 | 11.8 | 1015 | 2.69 | 26.7 | 7.4 | 0.3 | 15 | 0.8 | 4.2 | 0.4 | 38 | 0.22 | 0.093 | 17 | 67 | 0.6 | 212 | 0.015 | 0 | 1.65 | 0.004 | 0.06 | 0 | 0.38 | 2.2 | 0.1 | 0 | 4 | 0.9 | 0 |
| L16N/550E | 6162191 | 348554 | 27-Aug | B | brn | 30 | | Gavin/Radio | L16N 550E | 1.7 | 24.6 | 11.9 | 109 | 0.3 | 21.3 | 7.2 | 318 | 2.08 | 15.4 | 0.8 | 0.5 | 10 | 0.7 | 1.9 | 0.2 | 50 | 0.62 | 0.044 | 14 | 38 | 0.33 | 265 | 0.019 | 0 | 1.38 | 0.004 | 0.06 | 0 | 0.85 | 2.3 | 0.1 | 0 | 5 | 0 | 0 |
| L16N/600E | 6162201 | 348598 | 27-Aug | B | oj brn | 30 | | Gavin/Radio | L16N 600E | 2.3 | 45.9 | 11.9 | 162 | 0.4 | 66.7 | 15.7 | 321 | 3.22 | 19.6 | 4.3 | 2.1 | 9 | 0.9 | 3.4 | 0.2 | 59 | 0.29 | 0.05 | 13 | 67 | 0.6 | 286 | 0.025 | 0 | 2.6 | 0.003 | 0.06 | 0 | 3.21 | 4.8 | 0.2 | 0 | 7 | 0 | 0 |
| L16N/650E | 6162199 | 348650 | 27-Aug | B | oj | 35 | grey A horiz above | Gavin/Radio | L16N 650E | 1.9 | 20.9 | 12 | 190 | 0.2 | 29.6 | 12.3 | 1625 | 3.83 | 15.1 | 0.8 | 0.5 | 8 | 2.1 | 5.7 | 0.2 | 85 | 0.26 | 0.243 | 11 | 71 | 0.32 | 157 | 0.049 | 0 | 2.27 | 0.003 | 0.03 | 0 | 3.01 | 3.1 | 0 | 0 | 8 | 0 | 0 |
| L16N/700E | 6162195 | 348700 | 27-Aug | B | lt oj brn | 30 | On 55 deg slope above cliff | Gavin/Radio | L16N 700E | 1.1 | 10.9 | 4.1 | 39 | 0 | 25.2 | 5 | 212 | 2.21 | 5.4 | 0 | 0.4 | 7 | 0.3 | 1.5 | 0 | 59 | 0.16 | 0.034 | 6 | 59 | 0.3 | 73 | 0.082 | 0 | 1.19 | 0.004 | 0.04 | 0 | 0.14 | 2.2 | 0 | 0 | 5 | 0 | 0 |
| L16N/750E | 6162195 | 348752 | 27-Aug | B | oj brn | 25 | | Gavin/Radio | L16N 750E | 1.3 | 23.8 | 6.5 | 53 | 0 | 35.9 | 6.6 | 221 | 2.49 | 9.8 | 1.1 | 1 | 7 | 0.2 | 2.6 | 0.1 | 51 | 0.13 | 0.026 | 7 | 55 | 0.38 | 116 | 0.06 | 0 | 1.19 | 0.004 | 0.03 | 0 | 0.47 | 2.9 | 0 | 0 | 4 | 0 | 0 |
| L16N/800E | 6162198 | 348800 | 27-Aug | B | lt oj brn | 25 | grey A horiz above | Gavin/Radio | L16N 800E | 0.9 | 23.9 | 4.4 | 47 | 0 | 59.2 | 8.3 | 234 | 2.45 | 6.4 | 0.6 | 1 | 7 | 0.2 | 1.5 | 0 | 53 | 0.15 | 0.028 | 5 | 83 | 0.59 | 119 | 0.058 | 0 | 1.5 | 0.004 | 0.03 | 0 | 0.33 | 3.2 | 0 | 0 | 4 | 0 | 0 |
| L16N/850E | 6162196 | 348851 | 27-Aug | B | oj | 30 | | Gavin/Radio | L16N 850E | 2 | 15.2 | 7 | 44 | 0.1 | 9.7 | 3.9 | 623 | 2.71 | 5.8 | 0 | 1.1 | 5 | 0.1 | 0.7 | 0.2 | 60 | 0.06 | 0.145 | 7 | 19 | 0.13 | 69 | 0.087 | 0 | 0.81 | 0.003 | 0.03 | 0 | 0.09 | 1.9 | 0 | 0 | 6 | 0 | 0 |
| L16N/900E | 6162200 | 348909 | 27-Aug | B | oj brn | 45 | | Gavin/Radio | L16N 900E | 2.5 | 41.4 | 13 | 75 | 0.4 | 34.5 | 7.1 | 231 | 3.13 | 41 | 4.4 | 2 | 8 | 0.4 | 5.4 | 0.3 | 44 | 0.14 | 0.056 | 11 | 45 | 0.5 | 153 | 0.041 | 0 | 1.34 | 0.003 | 0.03 | 0 | 1.61 | 3.2 | 0 | 0 | 4 | 0 | 0 |
| L16N/950E | 6162195 | 348951 | 27-Aug | B | oj | 30 | | Gavin/Radio | L16N 950E | 3.1 | 20.8 | 10.3 | 52 | 0.3 | 15.5 | 5 | 519 | 2.8 | 25.6 | 0 | 1.7 | 5 | 0.2 | 3.1 | 0.3 | 55 | 0.08 | 0.122 | 9 | 32 | 0.23 | 82 | 0.082 | 0 | 0.78 | 0.003 | 0.04 | 0.1 | 0.3 | 2.1 | 0 | 0 | 4 | 0 | 0 |
| L17S/1000W | 6159002 | 347002 | 01-Oct | B | brn | 25 | | Andy/Michael | L17S 1000W | 3.8 | 39.1 | 5.1 | 90 | 0.1 | 24.5 | 20.9 | 603 | 4.46 | 2.9 | 1 | 1.3 | 30 | 0.2 | 0.4 | 0.2 | 136 | 0.66 | 0.047 | 9 | 27 | 0.5 | 246 | 0.167 | 0 | 1.57 | 0.004 | 0.08 | 0 | 0.05 | 4.5 | 0 | 0 | 8 | 0 | 0 |
| L17S/1050W | 6159003 | 346951 | 01-Oct | B | brn | 30 | | Andy/Michael | L17S 1050W | 2.8 | 41 | 5.2 | 94 | 0.1 | 25.2 | 23.3 | 678 | 6.54 | 4.5 | 0 | 0.5 | 20 | 0.4 | 0.2 | 0.2 | 300 | 0.37 | 0.055 | 3 | 87 | 1.18 | 121 | 0.148 | 0 | 2.11 | 0.002 | 0.03 | 0 | 0.06 | 9 | 0 | 0 | 12 | 0 | 0 |
| L17S/1100W | 6159000 | 346902 | 01-Oct | B | brn | 40 | | Andy/Michael | L17S 1100W | 1.9 | 16 | 5.9 | 94 | 0 | 22.9 | 9.5 | 262 | 3.14 | 1.5 | 0 | 0.8 | 53 | 0.3 | 0.3 | 0.2 | 113 | 0.46 | 0.055 | 7 | 36 | 0.39 | 87 | 0.183 | 0 | 1.32 | 0.014 | 0.04 | 0 | 0.03 | 2.7 | 0 | 0 | 10 | 0 | 0 |
| L17S/1150W | 6158996 | 346852 | 01-Oct | C | grey | 45 | | Andy/Michael | L17S 1150W | 17.7 | 86.9 | 30.7 | 126 | 0.2 | 15.6 | 7.8 | 165 | 3.96 | 12.1 | 3.1 | 7.4 | 16 | 0.3 | 1.6 | 0.6 | 35 | 0.14 | 0.05 | 29 | 18 | 0.16 | 416 | 0.002 | 0 | 1.42 | 0.003 | 0.11 | 0 | 0.05 | 2.8 | 0.2 | 0 | 6 | 1 | 0 |
| L17S/1200W | 6158994 | 346803 | 01-Oct | B | brn | 40 | | Andy/Michael | L17S 1200W | 9.6 | 146.5 | 22 | 205 | 1 | 59.6 | 22.7 | 2044 | 3.73 | 11.8 | 1.8 | 3.7 | 97 | 1.2 | 1.2 | 0.6 | 41 | 1.32 | 0.061 | 17 | 22 | 0.42 | 427 | 0.002 | 0 | 1.98 | 0.004 | 0.1 | 0 | 0.15 | 4.3 | 0.3 | 0 | 5 | 1.4 | 0 |
| L17S/1250W | 6158999 | 346753 | 01-Oct | B | grey brn | 25 | | Andy/Michael | L17S 1250W | 14.9 | 46.9 | 15 | 80 | 0.1 | 14 | 5.2 | 116 | 2.31 | 9 | 0 | 3.1 | 21 | 0.2 | 1.7 | 0.5 | 42 | 0.41 | 0.053 | 32 | 13 | 0.11 | 146 | 0.002 | 0 | 1.02 | 0.001 | 0.11 | 0 | 0.05 | 2.1 | 0.2 | 0 | 6 | 0 | 0 |
| L17S/1300W | 6159004 | 346701 | 01-Oct | B | red brn | 30 | | Andy/Michael | L17S 1300W | 1.3 | 8 | 10.3 | 46 | 0 | 5.8 | 6.1 | 1491 | 1.61 | 0.8 | 0 | 0.8 | 10 | 0.2 | 0.2 | 0.2 | 74 | 0.39 | 0.04 | 9 | 20 | 0.21 | 193 | 0.112 | 0 | 0.87 | 0.005 | 0.04 | 0 | 0.04 | 2 | 0 | 0 | 5 | 0 | 0 |
| L17S/1350W | 6158997 | 346655 | 01-Oct | B | brn | 35 | | Andy/Michael | L17S 1350W | 3.3 | 158.8 | 5.4 | 177 | 0.4 | 39.9 | 26 | 3023 | 5.78 | 2.4 | 0 | 0.9 | 56 | 0.9 | 0.5 | 0.1 | 154 | 1 | 0.077 | 11 | 56 | 0.66 | 195 | 0.18 | 0 | 1.97 | 0.004 | 0.04 | 0.1 | 0.09 | 16.1 | 0 | 0 | 8 | 0.8 | 0 |
| L17S/1400W | 6159001 | 346608 | 01-Oct | B | brn | 40 | | Andy/Michael | L17S 1400W | 9.4 | 333.8 | 12.3 | 125 | 0.6 | 44 | 19.1 | 1574 | 3.36 | 10.4 | 2.4 | 1.9 | 98 | 0.8 | 1.7 | 0.5 | 44 | 1.58 | 0.151 | 28 | 24 | 0.41 | 498 | 0.002 | 0 | 1.89 | 0.005 | 0.07 | 0 | 0.3 | 12 | 0.2 | 0 | 4 | 2.6 | 0 |
| L17S/1450W | 6159009 | 346550 | 01-Oct | B | brn | 35 | | Andy/Michael | L17S 1450W | 2.9 | 35.2 | 8 | 80 | 0 | 14.1 | 6.4 | 236 | 2.12 | 5.4 | 0 | 1.3 | 16 | 0.3 | 0.4 | 0.2 | 48 | 0.14 | 0.049 | 15 | 15 | 0.16 | 169 | 0.005 | 0 | 0.76 | 0.002 | 0.1 | 0 | 0.02 | 2.4 | 0 | 0 | 5 | 0 | 0 |
| L17S/1500W | 6158999 | 346500 | 01-Oct | B | brn | 35 | | Andy/Michael | L17S 1500W | 8.6 | 63.3 | 12.3 | 91 | 0.2 | 20.2 | 6.1 | 143 | 2.84 | 5.6 | 1 | 3.8 | 11 | 0.2 | 1.3 | 0.4 | 43 | 0.13 | 0.041 | 23 | 17 | 0.12 | 258 | 0.001 | 0 | 1.24 | 0.002 | 0.08 | 0 | 0.04 | 3.3 | 0.2 | 0 | 6 | 0.5 | 0 |
| L17S/1550W | 6158997 | 346452 | 01-Oct | B | lt brn | 40 | | Andy/Michael | L17S 1550W | 15.7 | 106.9 | 26.1 | 175 | 1.5 | 33 | 22 | 1099 | 4.43 | 13.3 | 1.1 | 5.9 | 12 | 0.6 | 1.5 | 0.5 | 45 | 0.13 | 0.156 | 22 | 21 | 0.27 | 325 | 0.002 | 0 | 2.01 | 0.004 | 0.15 | 0 | 0.18 | 3.8 | 0.4 | 0 | 6 | 1.4 | 0 |
| L17S/1600W | 6158997 | 346405 | 01-Oct | B | red brn | 30 | | Andy/Michael | L17S 1600W | 5.9 | 88 | 11.6 | 66 | 0.9 | 30 | 8.7 | 1408 | 2.25 | 5 | 2 | 1.1 | 105 | 0.8 | 1.2 | 0.3 | 39 | 1.18 | 0.073 | 15 | 20 | 0.27 | 459 | 0.004 | 0 | 1.34 | 0.004 | 0.09 | 0 | 0.35 | 3.4 | 0.2 | 0 | 4 | 1.4 | 0 |
| L17S/1650W | 6158999 | 346350 | 01-Oct | B | lt brn | 25 | | Andy/Michael | L17S 1650W | 8.9 | 67.4 | 19.5 | 168 | 0.5 | 25.4 | 17.3 | 743 | 3.77 | 12.2 | 0.9 | 2.7 | 22 | 0.6 | 2.8 | 0.4 | 54 | 0.16 | 0.075 | 13 | 29 | 0.33 | 359 | 0.003 | 0 | 1.67 | 0.006 | 0.22 | 0 | 0.04 | 3.3 | 0.2 | 0 | 7 | 0 | 0 |
| L17S/1700W | 6159003 | 346306 | 01-Oct | B | lt brn | 30 | | Andy/Michael | L17S 1700W | 1.9 | 14.7 | 6.9 | 87 | 0 | 21.6 | 8.1 | 347 | 2.57 | 4.6 | 0 | 1.5 | 13 | 0.2 | 0.7 | 0.2 | 63 | 0.16 | 0.042 | 13 | 45 | 0.38 | 148 | 0.014 | 0 | 1.33 | 0.002 | 0.08 | 0 | 0.01 | 3.4 | 0 | 0 | 5 | 0 | 0 |
| L17S/1750W | 6158999 | 346245 | 01-Oct | B | lt brn | 25 | | Andy/Michael | L17S 1750W | 5.3 | 120 | 12.6 | 86 | 0.3 | 42.2 | 18.1 | 896 | 3.5 | 7.4 | 1.6 | 2.1 | 77 | 0.4 | 0.8 | 0.3 | 68 | 0.94 | 0.056 | 27 | 42 | 0.39 | 400 | 0.005 | 0 | 1.62 | 0.004 | 0.07 | 0 | 0.3 | 6 | 0.2 | 0 | 5 | 1.4 | 0 |
| L17S/1800W | 6159003 | 346203 | 01-Oct | B | brn | 40 | | Andy/Michael | L17S 1800W | 1.6 | 72.1 | 10.8 | 144 | 0.2 | 105 | 38.1 | 4282 | 7.18 | 2 | 0 | 1.2 | 47 | 0.5 | 0.1 | 0.2 | 174 | 0.58 | 0.103 | 9 | 186 | 1.99 | 305 | 0.004 | 0 | 2.46 | 0.005 | 0.04 | 0 | 0.07 | 14.1 | 0 | 0 | 10 | 0 | 0 |
| L17S/1850W | 6158998 | 346151 | 01-Oct | N/S | | | | Andy/Michael | L17S 1850W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L17S/1900W | 6159001 | 346101 | 01-Oct | B | brn | 30 | | Andy/Michael | L17S 1900W | 4.7 | 64.7 | 9.7 | 100 | 0.2 | 20.7 | 10 | 343 | 3.79 | 5.8 | 0.7 | 1.8 | 24 | 0.2 | 0.5 | 0.2 | 65 | 0.08 | 0.038 | 13 | 21 | 0.11 | 254 | 0.001 | 0 | 1.14 | 0.004 | 0.07 | 0 | 0.31 | 4.5 | 0.2 | 0 | 5 | 0 | 0 |
| L17S/1950W | 6159002 | 346053 | 01-Oct | B | brn | 40 | | Andy/Michael | L17S 1950W | 2.2 | 12.7 | 5.2 | 44 | 0 | 7.6 | 3.2 | 118 | 1.4 | 1.9 | 0 | 0.8 | 19 | 0.2 | 0.4 | 0.2 | 61 | 0.35 | 0.021 | 8 | 17 | 0.16 | 127 | 0.027 | 0 | 0.91 | 0.004 | 0.02 | 0 | 0.02 | 2.6 | 0 | 0 | 7 | 0 | 0 |
| L17S/2000W | 6159000 | 346000 | 01-Oct | B | brn | 40 | | Andy/Michael | L17S 2000W | 6.8 | 66.1 | 12.6 | 86 | 0.5 | 20.2 | 10.4 | 310 | 3.41 | 6.7 | 0 | 2.2 | 14 | 0.3 | 0.8 | 0.3 | 40 | 0.14 | 0.06 | 17 | 14 | 0.25 | 175 | 0 | 0 | 0.97 | 0.001 | 0.14 | 0 | 0.05 | 2 | 0.2 | 0 | 4 | 0.5 | 0 |
| L17S/200W | 6159000 | 347800 | 01-Oct | C | lt brn | 30 | | Andy/Michael | L17S 200W | 2.6 | 18.9 | 5.6 | 56 | 0.2 | 9.5 | 3.9 | 244 | 1.78 | 2.6 | 3.1 | 1.2 | 10 | 0.4 | 0.4 | 0.2 | 56 | 0.13 | 0.041 | 10 | 12 | 0.14 | 63 | 0.028 | 0 | 0.83 | 0.002 | 0.06 | 0 | 0.02 | 2.3 | 0.1 | 0 | 7 | 0 | 0 |
| L17S/250W | 6158997 | 347748 | 01-Oct | B | lt brn | 25 | | Andy/Michael | L17S 250W | 1 | 8.3 | 3.7 | 25 | 0.2 | 6.4 | 2.5 | 148 | 1 | 1.3 | 27.1 | 0.7 | 9 | 0.2 | 0.2 | 0 | 40 | 0.09 | 0.02 | 9 | 13 | 0.11 | 38 | 0.051 | 0 | 0.58 | 0.003 | 0.04 | 0 | 0 | 1.7 | 0 | 0 | 5 | 0 | 0 |
| L17S/300W | 6158993 | 347696 | 01-Oct | B | brn | 40 | | Andy/Michael | L17S 300W | 2.9 | 18.1 | 5 | 50 | 0 | 14.4 | 5.1 | 872 | 2.63 | 5.7 | 0 | 1 | 5 | 0.2 | 0.6 | 0.1 | 49 | 0.08 | 0.097 | 6 | 28 | 0.28 | 74 | 0.058 | 0 | 0.94 | 0 | 0.04 | 0 | 0 | 2.1 | 0 | 0 | 5 | 0.5 | 0 |
| L17S/350W | 6158999 | 347654 | 01-Oct | B | brn | 35 | | Andy/Michael | L17S 350W | 5.3 | 144.2 | 15.5 | 138 | 1.1 | 42.6 | 14.9 | 1220 | 3.55 | 11.3 | 5 | 1.8 | 101 | 1.2 | 1.7 | 0.4 | 44 | 0.97 | 0.072 | 27 | 32 | 0.46 | 489 | 0.007 | 0 | 1.82 | 0.005 | 0.12 | 0 | 0.36 | 6 | 0.3 | 0 | 5 | 1.3 | 0 |
| L17S/400W | 6159005 | 347599 | 01-Oct | B | brn | 40 | | Andy/Michael | L17S 400W | 4.3 | 212.5 | 13.3 | 109 | 1.4 | 44.4 | 13.2 | 1608 | 3.1 | 6.1 | 3 | 1.2 | 130 | 1.9 | 1 | 0.3 | 45 | 1.05 | 0.068 | 38 | 32 | 0.35 | 463 | 0.01 | 0 | 1.67 | 0.005 | 0.08 | 0 | 0.33 | 6.6 | 0.2 | 0 | 5 | 2 | 0 |
| L17S/450W | 6159000 | 347552 | 01-Oct | B | brn grey | 35 | | Andy/Michael | L17S 450W | 1.7 | 8 | 4 | 30 | 0 | 4.7 | 1.7 | 169 | 0.87 | 1.2 | 0 | 0.9 | 10 | 0.1 | 0.3 | 0.1 | 30 | 0.14 | 0.029 | 11 | 10 | 0.1 | 71 | 0.023 | 0 | 0.72 | 0.004 | 0.04 | 0 | 0.03 | 1.8 | 0.1 | 0 | 5 | 0 | 0 |
| L17S/500W | 6158998 | 347500 | 01-Oct | B | brn | 30 | | Andy/Michael | L17S 500W | 6.6 | 139 | 7.8 | 83 | 0.8 | 24.9 | 8.3 | 2289 | 2.56 | 4.3 | 2 | 1.9 | 67 | 0.6 | 0.5 | 0.3 | 54 | 0.51 | 0.046 | 36 | 48 | 0.4 | 425 | 0.012 | 0 | 1.86 | 0.004 | 0.09 | 0 | 0.25 | 8.9 | 0.3 | 0 | 7 | 0.5 | 0 |
| L17S/550W | 6159005 | 347454 | 01-Oct | B | lt brn | 35 | | Andy/Michael | L17S 550W | 4.1 | 38.9 | 7 | 94 | 0.1 | 21.4 | 7.6 | 363 | 3.07 | 8.4 | 0 | 1.4 | 14 | 0.4 | 0.8 | 0.1 | 58 | 0.17 | 0.045 | 11 | 27 | 0.31 | 110 | 0.041 | 0 | 1.13 | 0.004 | 0.05 | 0 | 0.02 | 3 | 0.1 | 0 | 6 | 0 | 0 |
| L17S/600W | 6158993 | 347402 | 01-Oct | B | brn | 30 | | Andy/Michael | L17S 600W | 3.5 | 33.8 | 7.4 | 131 | 0 | 21.8 | 6.8 | 289 | 2.79 | 7 | 1.4 | 1.4 | 19 | 0.5 | 0.8 | 0.1 | 50 | 0.22 | 0.045 | 11 | 29 | 0.34 | 112 | 0.027 | 0 | 1.12 | 0.003 | 0.06 | 0 | 0.02 | 2.7 | 0.1 | 0 | 5 | 0 | 0 |
| L17S/650W | 6159002 | 347357 | 01-Oct | B | lt brn | 40 | | Andy/Michael | L17S 650W | 3.4 | 33 | 6.6 | 66 | 0 | 17.6 | 4.5 | 203 | 2.22 | 7.8 | 1.9 | 1.2 | 29 | 0.3 | 0.8 | 0.1 | 37 | 0.2 | 0.041 | 8 | 24 | 0.21 | 58 | 0.03 | 0 | 0.59 | 0.002 | 0.07 | 0 | 0.02 | 2 | 0 | 0 | 3 | 0.6 | 0 |
| L17S/700W | 6158996 | 347302 | 01-Oct | B | brn | 35 | | Andy/Michael | L17S 700W | 7 | 57.4 | 17.1 | 162 | 0.3 | 19.2 | 10.8 | 241 | 2.52 | 5.6 | 1.4 | 1.9 | 49 | 1.4 | 1.1 | 0.3 | 29 | 0.28 | 0.071 | 13 | 19 | 0.26 | 291 | 0.003 | 0 | 1.21 | 0.005 | 0.11 | 0 | 0.08 | 2.2 | 0.2 | 0 | 5 | 0.6 | 0 |
| L17S/750W | 6158997 | 347256 | 01-Oct | B | lt brn | 40 | | Andy/Michael | L17S 750W | 7.9 | 147.6 | 12.6 | 127 | 1.9 | 52.9 | 11 | 1212 | 3.12 | 6.6 | 4.3 | 2.6 | 67 | 1.2 | 0.9 | 0.3 | 36 | 0.45 | 0.048 | 26 | 18 | 0.21 | 487 | 0.002 | 0 | 1.48 | 0.002 | 0.09 | 0 | 0.3 | 5.8 | 0.3 | 0 | 4 | 0.9 | 0 |
| L17S/800W | 6158993 | 347202 | 01-Oct | B | lt brn | 45 | | Andy/Michael | L17S 800W | 3.4 | 30.3 | 7.1 | 93 | 0.2 | 21.2 | 9.1 | 335 | 4.13 | 6.6 | 0.7 | 2.1 | 11 | 0.3 | 0.8 | 0.3 | 86 | 0.21 | 0.093 | 13 | 36 | 0.47 | 181 | 0.065 | 0 | 1.8 | 0.003 | 0.08 | 0 | 0.04 | 3.6 | 0.1 | 0 | 8 | 0 | 0 |
| L17S/850W | 6158991 | 347155 | 01-Oct | B/C | brn | 20 | | Andy/Michael | L17S 850W | 2.6 | 20.6 | 5.9 | 57 | 0 | 12 | 4.9 | 174 | 1.65 | 3.4 | 0 | 1.4 | 9 | 0.2 | 0.6 | 0.2 | 49 | 0.24 | 0.056 | 18 | 16 | 0.19 | 96 | 0.055 | 0 | 0.68 | 0 | 0.07 | 0 | 0.02 | 2 | 0 | 0 | 5 | 0 | 0 |
| L17S/900W | 6158996 | 347102 | 01-Oct | B | red brn | 30 | | Andy/Michael | L17S 900W | 0.8 | 8.3 | 7.5 | 43 | 0 | 8.8 | 8.3 | 405 | 3 | 0 | 1.4 | 0.9 | 10 | 0.5 | 0 | 0.2 | 191 | 2.2 | 0.058 | 6 | 39 | 0.37 | 107 | 0.281 | 0 | 2.52 | 0.007 | 0.04 | 0 | 0.02 | 3.4 | 0 | 0 | 14 | 0 | 0 |
| L17S/950W | 6159000 | 347052 | 01-Oct | B | brn | 40 | | Andy/Michael | L17S 950W | 2.1 | 38.4 | 5.7 | 160 | 0.1 | 28.5 | 52.7 | 2726 | 8.06 | 3.1 | 0 | 0.8 | 26 | 0.5 | 0.4 | 0.2 | 226 | 0.82 | 0.091 | 5 | 61 | 0.79 | 249 | 0.299 | 0 | 2.1 | 0.004 | 0.06 | 0.1 | 0.06 | 5.6 | 0.1 | 0 | 12 | 0 | 0 |
| L18N/000W | 6162413 | 348000 | 14-Oct | B | lt oj brn | 30 | | Kevin/Andy | L18N 0W | 2.6 | 30.1 | 9.2 | 50 | 0.4 | 25.2 | 5.8 | 343 | 2.39 | 13.1 | 1.6 | 0.2 | 11 | 0.4 | 1.9 | 0.2 | 42 | 0.11 | 0.048 | 14 | 45 | 0.5 | 144 | 0.032 | 0 | 1.33 | 0.003 | 0.09 | 0 | 0.28 | 1.9 | 0.2 | 0 | 5 | 0 | 0 |
| L18N/050E | 6162402 | 348044 | 14-Oct | B | grey brn | 30 | | Kevin/Andy | L18N 50E | 3.2 | 29.1 | 8.9 | 62 | 0.1 | 26.1 | 8.5 | 423 | 2.39 | 10.6 | 1 | 0.4 | 9 | 0.2 | 1.4 | 0.2 | 41 | 0.08 | 0.032 | 14 | 53 | 0.52 | 132 | 0.029 | 0 | 1.58 | 0.003 | 0.07 | 0 | 0.2 | 2.5 | 0.2 | 0 | 5 | 0 | 0 |
| L18N/050W | 6162418 | 347946 | 14-Oct | B | brn | 20 | | Kevin/Andy | L18N 50W | 5 | 32.4 | 11.6 | 93 | 0.3 | 34.7 | 17 | 1211 | 2.81 | 16.3 | 3.8 | 0.4 | 15 | 0.5 | 1.7 | 0.2 | 51 | 0.15 | 0.053 | 16 | 51 | 0.59 | 294 | 0.026 | 0 | 1.59 | 0.002 | 0.11 | 0 | 0.25 | 2.6 | 0.2 | 0 | 5 | 0 | 0 |
| L18N/1000E | 6162395 | 349004 | 14-Oct | B | red brn | 40 | Clay. In marsh/swamp. | Kevin/Andy | L18N 1000E | 47.5 | 79.7 | 11 | 677 | 0.5 | 52.3 | 31.1 | 4244 | 19.74 | 1358.8 | 9 | 1.8 | 29 | 4 | 18.6 | 0.4 | 37 | 1.02 | 0.156 | 9 | 79 | 0.51 | 538 | 0.023 | 0 | 1.11 | 0.004 | 0.1 | 0 | 0.62 | 4.6 | 0.2 | 0 | 3 | 2.7 | 0 |
| L18N/100E | 6162405 | 348097 | 14-Oct | B | grey | 30 | | Kevin/Andy | L18N 100E | 0.7 | 5 | 8.4 | 15 | 0.1 | 5.2 | 1.2 | 71 | 0.6 | 2.7 | 1 | 0.2 | 9 | 0 | 0.5 | 0.1 | 26 | 0.1 | 0.018 | 17 | 20 | 0.15 | 100 | 0.035 | 0 | 0.77 | 0 | 0.07 | 0 | 0.1 | 1.6 | 0.2 | 0 | 5 | 0 | 0 |
| L18N/100W | 6162416 | 347898 | 14-Oct | B | brn | 25 | | Kevin/Andy | L18N 100W | 3.9 | 24.1 | 12.5 | 36 | 0.2 | 13.5 | 2.8 | 139 | 2.07 | 18.5 | 0.5 | 0.3 | 9 | 0.3 | 1.7 | 0.2 | 54 | 0.08 | 0.027 | 15 | 35 | 0.26 | 150 | 0.037 | 0 | 1.26 | 0.003 | 0.07 | 0 | 0.51 | 2.2 | 0.3 | 0 | 6 | 0 | 0 |
| L18N/1050E | 6162405 | 349050 | 14-Oct | B/C | grey | 70 | Clay. In marsh/swamp. | Kevin/Andy | L18N 1050E | 1.1 | 91.5 | 20.1 | 395 | 0.4 | 36.2 | 9 | 377 | 2.3 | 50.6 | 7.9 | 1.8 | 26 | 3.2 | 6.7 | 0.6 | 56 | 0.65 | 0.085 | 16 | 52 | 0.92 | 437 | 0.024 | 0 | 2.12 | 0.007 | 0.1 | 0.1 | 0.52 | 6.1 | 0.4 | 0.08 | 7 | 1.3 | 0 |
| L18N/1100E | 6162396 | 349103 | 14-Oct | B/C | grey | 40 | Clay. In marsh/swamp. | Kevin/Andy | L18N 1100E | 1.7 | 68.5 | 19.3 | 419 | 0.4 | 38.5 | 10.5 | 336 | 2.52 | 46.6 | 6.7 | 2.1 | 23 | 4.5 | 7.6 | 0.6 | 46 | 0.64 | 0.09 | 14 | 45 | 0.79 | 314 | 0.027 | 0 | 1.69 | 0.006 | 0.1 | 0 | 0.4 | 5 | 0.2 | 0 | 5 | 2.4 | 0 |
| L18N/1150E | 6162397 | 349149 | 14-Oct | B/C | grey | 50 | Clay. In marsh/swamp. | Kevin/Andy | L18N 1150E | 2.1 | 66.1 | 19.8 | 455 | 0.7 | 39.3 | 11.9 | 387 | 2.49 | 52.6 | 10 | 1.2 | 36 | 3 | 11.2 | 0.7 | 40 | 0.64 | 0.1 | 14 | 39 | 0.69 | 237 | 0.035 | 0 | 1.38 | 0.008 | 0.11 | 0.2 | 0.46 | 4 | 0.2 | 0 | 4 | 1.6 | 0 |

| GPS Name | UTM N | UTM E | Date Taken | Horizon | Colour | Depth (cm) | Notes | Sampler(s) | Sample Name | Mo (PPM) | Cu (PPM) | Pb (PPM) | Zn (PPM) | Ag (PPM) | Ni (PPM) | Co (PPM) | Mn (PPM) | Fe (%) | As (PPM) | Au (PPB) | Th (PPM) | Sr (PPM) | Cd (PPM) | Sb (PPM) | Bi (PPM) | V (PPM) | Ca (%) | P (%) | La (PPM) | Cr (PPM) | Mg (%) | Ba (PPM) | Ti (%) | B (PPM) | Al (%) | Na (%) | K (%) | W (PPM) | Hg (PPM) | Sc (PPM) | Tl (PPM) | S (%) | Ga (PPM) | Se (PPM) | Te (PPM) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L18N/1200E | 6162407 | 349205 | 14-Oct | N/S | | | Marsh/swamp | Kevin/Andy | L18N 1200E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L18N/1250E | 6162406 | 349251 | 14-Oct | B | oj brn | 30 | | Kevin/Andy | L18N 1250E | 1.3 | 16.4 | 5.6 | 42 | 0.1 | 27.5 | 4.2 | 199 | 1.82 | 6.8 | 2.1 | 0 | 10 | 0.4 | 0.7 | 0.1 | 38 | 0.15 | 0.04 | 10 | 45 | 0.39 | 96 | 0.033 | 0 | 1.07 | 0.003 | 0.05 | 0 | 0.44 | 1.4 | 0 | 0 | 4 | 0 | 0 |
| L18N/1300E | 6162394 | 349301 | 14-Oct | B | lt brn | 25 | | Kevin/Andy | L18N 1300E | 1.9 | 15.8 | 6.3 | 44 | 0.2 | 17 | 4.2 | 207 | 1.85 | 6.5 | 1.8 | 1.6 | 9 | 0.2 | 1.1 | 0.1 | 35 | 0.09 | 0.047 | 14 | 33 | 0.43 | 79 | 0.038 | 0 | 1.1 | 0.003 | 0.07 | 0 | 0.23 | 2.3 | 0 | 0 | 4 | 0 | 0 |
| L18N/1350E | 6162401 | 349350 | 14-Oct | B | oj brn | 20 | | Kevin/Andy | L18N 1350E | 2.3 | 14.4 | 7 | 36 | 0.3 | 12.8 | 2.8 | 125 | 2.68 | 8.6 | 2.5 | 1.2 | 6 | 0.1 | 0.8 | 0.1 | 52 | 0.06 | 0.09 | 10 | 43 | 0.26 | 68 | 0.051 | 0 | 1.45 | 0.001 | 0.03 | 0 | 0.34 | 2.4 | 0 | 0 | 5 | 0 | 0 |
| L18N/1400E | 6162400 | 349400 | 14-Oct | B | lt brn | 20 | | Kevin/Andy | L18N 1400E | 1.4 | 24.7 | 5.9 | 41 | 0 | 17.7 | 3.9 | 212 | 1.65 | 5.9 | 3.7 | 2.2 | 8 | 0.2 | 1 | 0.1 | 26 | 0.09 | 0.047 | 15 | 27 | 0.4 | 62 | 0.034 | 0 | 0.92 | 0.002 | 0.05 | 0 | 0.49 | 2.2 | 0 | 0 | 3 | 0 | 0 |
| L18N/150E | 6162402 | 348146 | 14-Oct | B | brn | 40 | | Kevin/Andy | L18N 150E | 2.3 | 14.2 | 11.4 | 40 | 0.2 | 14.7 | 3.4 | 177 | 2.74 | 13.4 | 5.3 | 0.5 | 9 | 0.3 | 1.5 | 0.2 | 59 | 0.14 | 0.044 | 11 | 42 | 0.35 | 107 | 0.048 | 0 | 1.39 | 0.001 | 0.05 | 0 | 0.43 | 2.8 | 0.2 | 0 | 7 | 0 | 0 |
| L18N/150W | 6162419 | 347849 | 14-Oct | B/C | grey | 40 | Clay. Swampy | Kevin/Andy | L18N 150W | 2.3 | 37.1 | 14.4 | 98 | 0.7 | 35 | 13.5 | 679 | 1.93 | 17.1 | 5.5 | 0.2 | 21 | 0.5 | 1.6 | 0.3 | 41 | 0.27 | 0.056 | 18 | 54 | 0.54 | 280 | 0.018 | 0 | 1.58 | 0.004 | 0.09 | 0 | 0.32 | 2.6 | 0.2 | 0 | 5 | 0.8 | 0 |
| L18N/200E | 6162403 | 348196 | 14-Oct | B | oj brn | 30 | | Kevin/Andy | L18N 200E | 3.2 | 36.5 | 11.8 | 68 | 0.4 | 24.8 | 6.5 | 436 | 2.3 | 12.9 | 4 | 0.3 | 14 | 0.5 | 1.4 | 0.2 | 44 | 0.16 | 0.048 | 15 | 43 | 0.47 | 239 | 0.032 | 0 | 1.53 | 0 | 0.1 | 0 | 0.82 | 2.4 | 0.2 | 0 | 5 | 0 | 0 |
| L18N/200W | 6162420 | 347800 | 14-Oct | B | dk brn | 20 | | Kevin/Andy | L18N 200W | 8.2 | 40.1 | 16.9 | 57 | 0.5 | 14.6 | 5.9 | 346 | 2.01 | 34 | 1.7 | 0.2 | 11 | 0.7 | 4.3 | 0.4 | 42 | 0.18 | 0.052 | 17 | 25 | 0.14 | 128 | 0.034 | 0 | 0.83 | 0.004 | 0.07 | 0 | 0.1 | 1.4 | 0.2 | 0 | 5 | 0.7 | 0 |
| L18N/2500W | 6162359 | 345510 | 12-Oct | C | brn | 25 | moved from cliff | Jacques/Radio | L18N 2500W | 4.8 | 17.1 | 9.9 | 26 | 0.5 | 6.4 | 2.1 | 164 | 0.99 | 2.2 | 0.6 | 0.2 | 5 | 0 | 0.5 | 0.3 | 36 | 0.04 | 0.039 | 25 | 12 | 0.18 | 115 | 0.006 | 0 | 1.56 | 0.002 | 0.06 | 0 | 0.02 | 1.5 | 0.6 | 0 | 9 | 0 | 0 |
| L18N/250E | 6162403 | 348243 | 14-Oct | B | lt brn | 25 | | Kevin/Andy | L18N 250E | 3.4 | 47.7 | 11.1 | 75 | 0.2 | 37.7 | 9.6 | 407 | 2.68 | 17.2 | 1.5 | 0.9 | 15 | 0.5 | 2 | 0.2 | 49 | 0.16 | 0.045 | 20 | 54 | 0.61 | 237 | 0.052 | 0 | 1.42 | 0.003 | 0.09 | 0 | 2.65 | 3.1 | 0.2 | 0 | 5 | 0.6 | 0 |
| L18N/250W | 6162416 | 347748 | 14-Oct | B | lt brn | 50 | | Kevin/Andy | L18N 250W | 4.1 | 37.4 | 16.5 | 81 | 0.6 | 34.7 | 7.7 | 346 | 2.88 | 31 | 5.6 | 1.1 | 11 | 0.4 | 3.6 | 0.2 | 45 | 0.12 | 0.029 | 16 | 49 | 0.68 | 174 | 0.032 | 0 | 1.77 | 0.002 | 0.09 | 0 | 0.18 | 2.7 | 0.2 | 0 | 5 | 0 | 0 |
| L18N/2550W | 6162292 | 345447 | 12-Oct | C | brn | 25 | moved from cliff | Jacques/Radio | L18N 2550W | 12.5 | 66.8 | 22.1 | 98 | 0.1 | 69.1 | 22.9 | 2966 | 4.29 | 11 | 0.8 | 1.6 | 6 | 0.2 | 4.2 | 0.3 | 42 | 0.05 | 0.149 | 17 | 66 | 0.9 | 131 | 0.004 | 0 | 1.72 | 0.004 | 0.08 | 0 | 0.09 | 2.6 | 0.3 | 0 | 6 | 0.8 | 0 |
| L18N/2600W | 6162400 | 345400 | 12-Oct | N/S | | | cliffed out | Jacques/Radio | L18N 2600W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L18N/2650W | 6162400 | 345350 | 12-Oct | N/S | | | cliffed out | Jacques/Radio | L18N 2650W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L18N/2700W | 6162400 | 345300 | 12-Oct | N/S | | | cliffed out | Jacques/Radio | L18N 2700W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L18N/2750W | 6162400 | 345250 | 12-Oct | N/S | | | cliffed out | Jacques/Radio | L18N 2750W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L18N/2800W | 6162400 | 345200 | 12-Oct | N/S | | | cliffed out | Jacques/Radio | L18N 2800W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L18N/2850W | 6162349 | 345153 | 29-Aug | B | lt brn | 45 | moved from cliff | Gavin | L18N 2850W | 7.4 | 301 | 30.6 | 239 | 5.8 | 126.2 | 43.4 | 2138 | 3.65 | 14.1 | 10.1 | 1.5 | 32 | 1.2 | 3.7 | 0.5 | 16 | 0.24 | 0.24 | 21 | 28 | 0.15 | 207 | 0.002 | 0 | 3.45 | 0.006 | 0.1 | 0 | 1.14 | 4.4 | 0.6 | 0.08 | 2 | 2.5 | 0 |
| L18N/2900W | 6162385 | 345099 | 29-Aug | B | lt brn | 25 | very rocky, moved from cliff | Gavin | L18N 2900W | 4.8 | 113.2 | 8.4 | 137 | 0 | 39.7 | 11.9 | 165 | 3.25 | 5.9 | 0 | 1.7 | 42 | 0.1 | 1.2 | 0.5 | 27 | 0 | 0.064 | 25 | 11 | 0.05 | 123 | 0.001 | 0 | 0.74 | 0.002 | 0.07 | 0 | 0 | 2 | 0.2 | 0 | 4 | 0 | 0 |
| L18N/2950W | 6162396 | 345048 | 29-Aug | B | lt oj brn | 40 | | Gavin | L18N 2950W | 1.8 | 31.4 | 8.1 | 44 | 0.2 | 6.1 | 6 | 1640 | 2.44 | 4.2 | 1.6 | 0 | 8 | 0.1 | 0.5 | 0.2 | 41 | 0.29 | 0.091 | 11 | 15 | 0.3 | 149 | 0.006 | 0 | 1.88 | 0.004 | 0.07 | 0 | 0.03 | 0.9 | 0.3 | 0 | 8 | 0 | 0 |
| L18N/3000W | 6162400 | 345000 | 29-Aug | B | oj brn | 65 | | Gavin | L18N 3000W | 2.6 | 33.5 | 6 | 45 | 0.2 | 13.7 | 4.8 | 247 | 2.48 | 4.9 | 0 | 0.3 | 4 | 0 | 0.6 | 0.2 | 29 | 0.05 | 0.047 | 17 | 15 | 0.31 | 57 | 0.006 | 0 | 1.38 | 0.003 | 0.04 | 0 | 0.02 | 1.3 | 0.2 | 0 | 5 | 0 | 0 |
| L18N/300E | 6162405 | 348300 | 14-Oct | B | lt grey | 25 | clay | Kevin/Andy | L18N 300E | 2.4 | 34.1 | 11.1 | 95 | 0.4 | 46 | 20.3 | 1126 | 2.61 | 10.1 | 3.9 | 0.4 | 19 | 0.4 | 1.4 | 0.2 | 46 | 0.22 | 0.054 | 18 | 55 | 0.7 | 257 | 0.027 | 0 | 1.73 | 0.004 | 0.12 | 0 | 0.71 | 3.1 | 0.2 | 0 | 6 | 0 | 0 |
| L18N/300W | 6162419 | 347698 | 14-Oct | B | brn | 40 | | Kevin/Andy | L18N 300W | 5.1 | 52.4 | 16.2 | 90 | 0.9 | 26.1 | 5.6 | 274 | 2.47 | 50.8 | 3.4 | 0.3 | 12 | 0.5 | 4.3 | 0.3 | 48 | 0.11 | 0.039 | 18 | 39 | 0.54 | 184 | 0.024 | 0 | 1.54 | 0.003 | 0.09 | 0 | 0.24 | 2.1 | 0.3 | 0 | 5 | 0 | 0 |
| L18N/350E | 6162405 | 348350 | 14-Oct | B | lt brn | 30 | | Kevin/Andy | L18N 350E | 3.3 | 34.4 | 10.8 | 77 | 0.9 | 31.2 | 6.7 | 282 | 2.94 | 18.2 | 2.8 | 0.8 | 15 | 0.6 | 1.8 | 0.2 | 60 | 0.13 | 0.034 | 16 | 52 | 0.53 | 374 | 0.044 | 0 | 1.38 | 0.003 | 0.1 | 0 | 1.4 | 3.2 | 0.2 | 0 | 6 | 0 | 0 |
| L18N/400E | 6162403 | 348401 | 14-Oct | B | lt brn | 40 | clayey | Kevin/Andy | L18N 400E | 3.6 | 34.2 | 11.5 | 86 | 0.1 | 35.8 | 8.2 | 363 | 2.94 | 17.3 | 3.2 | 0.9 | 18 | 0.3 | 1.8 | 0.2 | 53 | 0.23 | 0.039 | 17 | 57 | 0.6 | 235 | 0.042 | 0 | 1.56 | 0.002 | 0.12 | 0 | 0.96 | 3 | 0.2 | 0 | 6 | 0 | 0 |
| L18N/450E | 6162397 | 348435 | 14-Oct | B | oj brn | 25 | | Kevin/Andy | L18N 450E | 2.3 | 24.6 | 8.7 | 66 | 0.2 | 29.7 | 6.2 | 309 | 2.95 | 10 | 6 | 1.7 | 7 | 0.4 | 1 | 0.3 | 49 | 0.09 | 0.053 | 12 | 49 | 0.68 | 103 | 0.038 | 0 | 1.89 | 0.003 | 0.06 | 0 | 1.07 | 3.2 | 0.1 | 0 | 5 | 0 | 0 |
| L18N/500E | 6162411 | 348491 | 14-Oct | B | lt oj brn | 30 | | Kevin/Andy | L18N 500E | 2.6 | 35.2 | 11 | 99 | 0.3 | 41.3 | 7.8 | 408 | 3.48 | 20.6 | 3.2 | 2 | 7 | 0.4 | 3 | 0.3 | 60 | 0.08 | 0.07 | 12 | 62 | 0.72 | 104 | 0.033 | 0 | 2.39 | 0.002 | 0.07 | 0 | 4.89 | 4.1 | 0.2 | 0 | 7 | 0 | 0 |
| L18N/550E | 6162405 | 348548 | 14-Oct | B | lt brn | 40 | | Kevin/Andy | L18N 550E | 2.2 | 19.9 | 11.9 | 65 | 0.2 | 20.3 | 4.6 | 266 | 2.78 | 16.5 | 0.9 | 2.1 | 8 | 0.2 | 2.9 | 0.2 | 61 | 0.08 | 0.061 | 15 | 40 | 0.46 | 95 | 0.04 | 0 | 1.6 | 0.002 | 0.08 | 0 | 0.43 | 3.5 | 0.2 | 0 | 7 | 0 | 0 |
| L18N/600E | 6162400 | 348600 | 14-Oct | B | red brn | 40 | On top of very steep hill | Kevin/Andy | L18N 600E | 1.6 | 23.9 | 9.9 | 90 | 0 | 32.5 | 6 | 266 | 3.06 | 22.2 | 1.9 | 1.4 | 7 | 0.5 | 6.6 | 0.2 | 67 | 0.14 | 0.106 | 12 | 55 | 0.49 | 97 | 0.041 | 0 | 1.92 | 0 | 0.04 | 0.1 | 1.1 | 4.1 | 0.1 | 0 | 7 | 0 | 0 |
| L18N/650E | 6162410 | 348649 | 14-Oct | B | lt brn | 45 | Steep hill running N-S | Kevin/Andy | L18N 650E | 0.8 | 19.2 | 5.9 | 61 | 0.2 | 27.3 | 7.3 | 468 | 2.26 | 11.4 | 2.2 | 0.5 | 12 | 0.7 | 5.2 | 0.1 | 47 | 0.57 | 0.059 | 8 | 46 | 0.49 | 152 | 0.046 | 0 | 1.55 | 0.003 | 0.04 | 0.1 | 0.92 | 3 | 0 | 0 | 4 | 0 | 0 |
| L18N/700E | 6162396 | 348702 | 14-Oct | B | oj brn | 30 | | Kevin/Andy | L18N 700E | 1.3 | 21.2 | 4.1 | 37 | 0 | 45.7 | 6.2 | 233 | 2.03 | 5.2 | 1.6 | 0.9 | 11 | 0.1 | 0.5 | 0.1 | 39 | 0.18 | 0.033 | 7 | 73 | 0.57 | 80 | 0.062 | 0 | 0.86 | 0.003 | 0.04 | 0 | 0.12 | 2.4 | 0 | 0 | 3 | 0 | 0 |
| L18N/750E | 6162407 | 348747 | 14-Oct | B | lt brn | 30 | | Kevin/Andy | L18N 750E | 1.4 | 20.1 | 4.7 | 45 | 0.1 | 33.9 | 8.9 | 445 | 1.91 | 5.3 | 2.1 | 0.4 | 13 | 0.3 | 0.5 | 0.1 | 32 | 0.25 | 0.045 | 9 | 53 | 0.47 | 115 | 0.045 | 0 | 0.8 | 0.004 | 0.05 | 0 | 0.57 | 2.2 | 0 | 0 | 2 | 0 | 0 |
| L18N/800E | 6162405 | 348801 | 14-Oct | B | lt brn | 25 | | Kevin/Andy | L18N 800E | 1 | 18.1 | 4.6 | 36 | 0 | 26.1 | 5.4 | 278 | 1.63 | 4.4 | 1.2 | 0.5 | 9 | 0.2 | 0.6 | 0 | 33 | 0.14 | 0.052 | 8 | 41 | 0.4 | 55 | 0.043 | 0 | 0.85 | 0.002 | 0.04 | 0 | 0.28 | 2 | 0 | 0 | 3 | 0 | 0 |
| L18N/850E | 6162401 | 348849 | 14-Oct | B | lt brn | 25 | | Kevin/Andy | L18N 850E | 0.3 | 1 | 2.4 | 5 | 0 | 0.7 | 0.1 | 16 | 0.11 | 0 | 1.1 | 0 | 4 | 0 | 0.1 | 0 | 12 | 0.03 | 0.008 | 10 | 7 | 0.03 | 27 | 0.024 | 0 | 0.39 | 0 | 0.01 | 0 | 0.42 | 0.4 | 0 | 0 | 4 | 0 | 0 |
| L18N/900E | 6162400 | 348897 | 14-Oct | B | lt brn | 20 | | Kevin/Andy | L18N 900E | 0.4 | 1.9 | 3.7 | 12 | 0 | 3.2 | 0.6 | 46 | 0.54 | 2.3 | 0.9 | 0.3 | 6 | 0 | 0.4 | 0.1 | 25 | 0.1 | 0.028 | 9 | 16 | 0.12 | 32 | 0.054 | 0 | 0.7 | 0.003 | 0.03 | 0 | 0.18 | 1.5 | 0 | 0 | 4 | 0 | 0 |
| L18N/950E | 6162396 | 348948 | 14-Oct | B | oj brn | 35 | | Kevin/Andy | L18N 950E | 1.1 | 9 | 4.4 | 40 | 0.1 | 15 | 3 | 177 | 1.88 | 6 | 0.7 | 1 | 7 | 0.1 | 1 | 0 | 40 | 0.1 | 0.048 | 8 | 40 | 0.35 | 50 | 0.056 | 0 | 1.22 | 0.004 | 0.04 | 0 | 0.97 | 2.5 | 0 | 0 | 5 | 0 | 0 |
| L19S/1000W | 6158803 | 347007 | 08-Sep | B | lt grey | 45 | | Gavin/Kevin | L19S 1000W | 7.1 | 62.5 | 18.5 | 117 | 0.2 | 19.2 | 9.9 | 292 | 3.72 | 19.5 | 6.3 | 3.3 | 29 | 0.1 | 2.2 | 0.5 | 26 | 0.15 | 0.026 | 29 | 10 | 0.04 | 229 | 0.002 | 0 | 0.63 | 0.001 | 0.11 | 0 | 0.15 | 2 | 0 | 0 | 2 | 1 | 0 |
| L19S/1050W | 6158798 | 346952 | 08-Sep | B | lt brn | 20 | | Gavin/Kevin | L19S 1050W | 1.6 | 61.3 | 7.4 | 70 | 0.2 | 22.5 | 11.5 | 835 | 2.25 | 3.6 | 0.7 | 0.5 | 32 | 0.4 | 0.4 | 0.2 | 42 | 0.35 | 0.039 | 12 | 25 | 0.41 | 488 | 0.014 | 0 | 1.46 | 0.005 | 0.08 | 0 | 0.03 | 2.6 | 0.1 | 0 | 5 | 1 | 0 |
| L19S/1100W | 6158799 | 346902 | 08-Sep | B | lt oj brn | 30 | | Gavin/Kevin | L19S 1100W | 2.2 | 24.7 | 5.1 | 64 | 0 | 17.5 | 5.1 | 238 | 2.36 | 4.9 | 0 | 1.5 | 7 | 0.2 | 0.7 | 0.1 | 38 | 0.1 | 0.037 | 11 | 22 | 0.43 | 149 | 0.029 | 0 | 0.95 | 0.004 | 0.06 | 0 | 0.02 | 2.1 | 0 | 0 | 4 | 0 | 0 |
| L19S/1150W | 6158800 | 346850 | 08-Sep | B | brn | 20 | | Gavin/Kevin | L19S 1150W | 1 | 15.6 | 7.9 | 89 | 0.2 | 10.7 | 11.7 | 1290 | 3.53 | 0 | 0 | 0.3 | 8 | 2 | 0.2 | 0.2 | 185 | 1.54 | 0.073 | 4 | 55 | 0.36 | 117 | 0.462 | 0 | 1.83 | 0.012 | 0.03 | 0 | 0.04 | 3.8 | 0 | 0 | 11 | 0.8 | 0 |
| L19S/1200W | 6158800 | 346814 | 08-Sep | B | brn | 25 | | Gavin/Kevin | L19S 1200W | 4.9 | 105.3 | 12.5 | 224 | 0.3 | 36.9 | 17.1 | 3219 | 3.16 | 3.9 | 1.4 | 1.3 | 69 | 2.4 | 0.5 | 0.3 | 54 | 0.89 | 0.053 | 19 | 34 | 0.39 | 359 | 0.016 | 0 | 2.3 | 0.005 | 0.04 | 0 | 0.07 | 5.1 | 0.2 | 0 | 7 | 1.1 | 0 |
| L19S/1250W | 6158797 | 346750 | 08-Sep | B | dk brn | 30 | | Gavin/Kevin | L19S 1250W | 3.6 | 19.7 | 6.3 | 53 | 0 | 9.8 | 3.7 | 111 | 1.9 | 3.1 | 0 | 1.1 | 10 | 0.3 | 0.6 | 0.2 | 56 | 0.15 | 0.029 | 13 | 17 | 0.13 | 162 | 0.013 | 0 | 0.9 | 0.004 | 0.05 | 0 | 0.03 | 2.1 | 0 | 0 | 6 | 0 | 0 |
| L19S/1300W | 6158798 | 346698 | 08-Sep | B | lt oj brn | 20 | | Gavin/Kevin | L19S 1300W | 4.1 | 76.8 | 12.8 | 178 | 0.5 | 36.4 | 19.9 | 1048 | 3.53 | 4.8 | 1 | 1.9 | 44 | 0.6 | 0.6 | 0.4 | 58 | 0.52 | 0.049 | 15 | 35 | 0.4 | 484 | 0.011 | 0 | 2.21 | 0.005 | 0.05 | 0 | 0.07 | 4.1 | 0.2 | 0 | 7 | 0 | 0 |
| L19S/1350W | 6158805 | 346646 | 08-Sep | B | brn | 25 | | Gavin/Kevin | L19S 1350W | 4.1 | 55.4 | 14 | 130 | 0.7 | 24.4 | 15.8 | 2388 | 3.32 | 5.5 | 0 | 1.6 | 56 | 1 | 0.9 | 0.3 | 49 | 0.59 | 0.041 | 17 | 25 | 0.26 | 462 | 0.007 | 0 | 1.55 | 0.005 | 0.07 | 0 | 0.04 | 3.8 | 0.1 | 0 | 5 | 0 | 0 |
| L19S/1400W | 6158801 | 346601 | 08-Sep | B | dk brn | 50 | In old cut-block. A contamination | Gavin/Kevin | L19S 1400W | 4 | 75.6 | 12.4 | 188 | 1.2 | 32.1 | 14.2 | 776 | 3.17 | 9.6 | 1.4 | 1.3 | 65 | 0.7 | 1.5 | 0.4 | 39 | 0.91 | 0.059 | 14 | 28 | 0.42 | 339 | 0.01 | 0 | 1.49 | 0.006 | 0.05 | 0 | 0.23 | 5.1 | 0.1 | 0 | 5 | 1.3 | 0 |
| L19S/1450W | 6158795 | 346547 | 08-Sep | B | brn | 45 | In old cut-block. A contamination | Gavin/Kevin | L19S 1450W | 11.4 | 42.9 | 11.3 | 89 | 0.1 | 20.6 | 6.9 | 210 | 2.5 | 14.1 | 1.2 | 3.2 | 15 | 0.3 | 5.8 | 0.5 | 34 | 0.21 | 0.041 | 16 | 14 | 0.05 | 228 | 0.002 | 0 | 0.57 | 0.004 | 0.07 | 0 | 0.15 | 2.8 | 0.2 | 0 | 3 | 0.5 | 0 |
| L19S/1500W | 6158803 | 346501 | 08-Sep | B | brn | 35 | | Gavin/Kevin | L19S 1500W | 7.4 | 146.4 | 12.3 | 62 | 0.6 | 51.3 | 19.2 | 1853 | 3.36 | 5.8 | 0.9 | 1 | 135 | 1 | 1.2 | 0.3 | 51 | 1.8 | 0.098 | 22 | 44 | 0.43 | 582 | 0.003 | 0 | 1.37 | 0.006 | 0.07 | 0 | 0.43 | 4.9 | 0.2 | 0.07 | 4 | 2.9 | 0 |
| L19S/1550W | 6158788 | 346447 | 08-Sep | B | lt oj brn | 15 | | Gavin/Kevin | L19S 1550W | 2.6 | 64.9 | 8.7 | 98 | 0.1 | 41.8 | 8.1 | 330 | 3.35 | 8.4 | 1.9 | 2.5 | 7 | 0.3 | 0.9 | 0.2 | 36 | 0.12 | 0.105 | 12 | 30 | 0.51 | 138 | 0.015 | 0 | 1.76 | 0.004 | 0.07 | 0 | 0.06 | 3 | 0.1 | 0 | 4 | 0.8 | 0 |
| L19S/1600W | 6158790 | 346393 | 08-Sep | B | lt oj brn | 45 | | Gavin/Kevin | L19S 1600W | 2.7 | 20.8 | 5.3 | 53 | 0 | 16.4 | 4.7 | 246 | 2.45 | 5.1 | 0 | 1.3 | 7 | 0.3 | 0.5 | 0.1 | 31 | 0.09 | 0.032 | 10 | 19 | 0.39 | 140 | 0.023 | 0 | 1.03 | 0.003 | 0.07 | 0 | 0.02 | 1.8 | 0 | 0 | 4 | 0 | 0 |
| L19S/1650W | 6158791 | 346339 | 08-Sep | B | lt brn | 35 | | Gavin/Kevin | L19S 1650W | 6.9 | 38.8 | 12.7 | 117 | 0.3 | 30.7 | 14.3 | 1487 | 3.31 | 5.7 | 0 | 2 | 6 | 0.5 | 1 | 0.4 | 63 | 0.2 | 0.107 | 13 | 58 | 0.67 | 341 | 0.061 | 0 | 1.55 | 0.004 | 0.13 | 0 | 0.03 | 4.1 | 0.2 | 0 | 7 | 0 | 0 |
| L19S/1700W | 6158802 | 346295 | 08-Sep | B | grey brn | 20 | | Gavin/Kevin | L19S 1700W | 5.9 | 48.5 | 12.3 | 134 | 0 | 52 | 7.5 | 1292 | 4.15 | 3.1 | 0 | 2.3 | 9 | 0.1 | 0.5 | 0.3 | 111 | 0.07 | 0.052 | 33 | 29 | 0.07 | 145 | 0.009 | 0 | 0.61 | 0.002 | 0.09 | 0 | 0.02 | 2.8 | 0.2 | 0 | 5 | 0 | 0 |
| L19S/1750W | 6158807 | 346250 | 08-Sep | B | lt brn | 30 | | Gavin/Kevin | L19S 1800W | 2.6 | 16.7 | 6.3 | 48 | 0.4 | 16.5 | 4.6 | 179 | 2.47 | 5.7 | 0.6 | 1.3 | 7 | 0.2 | 0.7 | 0.1 | 45 | 0.06 | 0.035 | 8 | 29 | 0.27 | 52 | 0.063 | 0 | 0.81 | 0.003 | 0.06 | 0 | 0.02 | 1.8 | 0 | 0 | 4 | 0 | 0 |
| L19S/1800W | 6158806 | 346200 | 08-Sep | B | grey brn | 20 | | Gavin/Kevin | L19S 1750W | 8.8 | 52.3 | 12 | 85 | 0.1 | 10.7 | 4.9 | 94 | 2.06 | 4 | 0 | 3.1 | 6 | 0.3 | 0.8 | 0.4 | 34 | 0.02 | 0.049 | 30 | 9 | 0.09 | 121 | 0.003 | 0 | 1.07 | 0.003 | 0.09 | 0 | 0.03 | 1.4 | 0.3 | 0 | 5 | 0.5 | 0 |
| L19S/1850W | 6158797 | 346150 | 08-Sep | B | lt brn | 20 | | Gavin/Kevin | L19S 1850W | 2.5 | 95.5 | 18.2 | 121 | 0 | 35 | 10.1 | 416 | 4.17 | 5.8 | 0 | 4.1 | 9 | 0.1 | 0.6 | 0.9 | 28 | 0.06 | 0.086 | 20 | 22 | 0.16 | 232 | 0.004 | 0 | 0.93 | 0.001 | 0.11 | 0 | 0.14 | 2.9 | 0.2 | 0 | 4 | 0.6 | 0 |
| L19S/1900W | 6158796 | 346100 | 08-Sep | B | brn | 40 | | Gavin/Kevin | L19S 1900W | 3.9 | 23.9 | 6.7 | 50 | 0.2 | 29.8 | 5.9 | 191 | 2.24 | 3.5 | 0 | 1.1 | 8 | 0.2 | 0.6 | 0.2 | 66 | 0.06 | 0.034 | 13 | 45 | 0.21 | 120 | 0.012 | 0 | 0.73 | 0.004 | 0.06 | 0 | 0.01 | 2 | 0 | 0 | 6 | 0.6 | 0 |
| L19S/1950W | 6158800 | 346050 | 09-Sep | B | lt grey | 45 | | Gavin/Kevin | L19S 1950W | 3.6 | 56.6 | 10.1 | 95 | 0.2 | 21 | 10 | 234 | 3.35 | 7.4 | 1.5 | 1.1 | 9 | 0.1 | 1.4 | 0.3 | 33 | 0.06 | 0.065 | 13 | 13 | 0.05 | 102 | 0.002 | 0 | 0.48 | 0.003 | 0.08 | 0 | 0.36 | 2 | 0.1 | 0 | 2 | 0.6 | 0 |
| L19S/200W | 6158800 | 347800 | 08-Sep | B | oj brn | 25 | | Gavin/Kevin | L19S 200W | 1.9 | 18.1 | 7 | 66 | 0.3 | 32.1 | 6.4 | 401 | 2.73 | 7.7 | 1 | 1.2 | 4 | 0.3 | 0.8 | 0.3 | 47 | 0.05 | 0.163 | 7 | 38 | 0.24 | 65 | 0.04 | 0 | 1.27 | 0.003 | 0.03 | 0 | 0.03 | 2.3 | 0 | 0 | 5 | 0.9 | 0 |
| L19S/250W | 6158793 | 347749 | 08-Sep | B | oj brn | 20 | | Gavin/Kevin | L19S 250W | 3.4 | 30.5 | 8.4 | 84 | 0.2 | 23.8 | 8.2 | 426 | 4.07 | 11 | 1.5 | 2.1 | 4 | 0.2 | 1 | 0.3 | 47 | 0.05 | 0.281 | 5 | 48 | 0.3 | 69 | 0.025 | 0 | 2.62 | 0.003 | 0.03 | 0 | 0.08 | 3.2 | 0.1 | 0 | 5 | 0.7 | 0 |
| L19S/300W | 6158799 | 347702 | 08-Sep | B | oj brn | 20 | | Gavin/Kevin | L19S 300W | 2.3 | 18 | 6.2 | 77 | 0.2 | 17 | 6 | 344 | 2.6 | 5.4 | 1 | 1.4 | 5 | 0.3 | 0.6 | 0.2 | 42 | 0.05 | 0.118 | 7 | 30 | 0.27 | 84 | 0.036 | 0 | 1.53 | 0.003 | 0.03 | 0 | 0.04 | 2.5 | 0.1 | 0 | 5 | 0.7 | 0 |
| L19S/350W | 6158797 | 347651 | 08-Sep | B | oj brn | 25 | | Gavin/Kevin | L19S 350W | 2.3 | 15.2 | 5.8 | 63 | 0.3 | 14.4 | 4.9 | 221 | 2.59 | 5.8 | 1.3 | 1.2 | 4 | 0.2 | 0.6 | 0.2 | 48 | 0.05 | 0.099 | 6 | 28 | 0.27 | 70 | 0.036 | 0 | 1.64 | 0.004 | 0.03 | 0 | 0.04 | 2.3 | 0 | 0 | 6 | 0.6 | 0 |
| L19S/400W | 6158796 | 347599 | 08-Sep | B | oj brn | 25 | | Gavin/Kevin | L19S 400W | 1.8 | 12.5 | 4.6 | 37 | 0 | 10.1 | 3.6 | 251 | 1.81 | 4.3 | 0 | 1.2 | 3 | 0 | 0.5 | 0.2 | 42 | 0.05 | 0.08 | 6 | 21 | 0.21 | 60 | 0.043 | 0 | 1.25 | 0.003 | 0.02 | 0 | 0.01 | 1.9 | 0.1 | 0 | 5 | 0 | 0 |
| L19S/450W | 6158795 | 347548 | 08-Sep | B | lt brn | 30 | | Gavin/Kevin | L19S 450W | 3.1 | 29.2 | 7.9 | 74 | 0.3 | 22.1 | 7.5 | 329 | 3.27 | 9.9 | 0 | 1.6 | 6 | 0.3 | 0.7 | 0.2 | 49 | 0.07 | 0.166 | 6 | 37 | 0.38 | 84 | 0.03 | 0 | 1.47 | 0.004 | 0.05 | 0 | 0.03 | 2.6 | 0.1 | 0 | 5 | 0.9 | 0 |
| L19S/500W | 6158808 | 347493 | 08-Sep | B | brn | 30 | | Gavin/Kevin | L19S 500W | 1.9 | 17.9 | 6.5 | 57 | 0.2 | 14.9 | 4.3 | 341 | 2.35 | 6.4 | 2.8 | 1 | 5 | 0.2 | 0.7 | 0.2 | 45 | 0.08 | 0.151 | 7 | 30 | 0.19 | 45 | 0.036 | 0 | 0.95 | 0.002 | 0.03 | 0 | 0.03 | 2.1 | 0 | 0 | 5 | 0 | 0 |
| L19S/550W | 6158796 | 347452 | 08-Sep | B | lt brn | 40 | | Gavin/Kevin | L19S 550W | 1.6 | 11.6 | 4.8 | 47 | 0.2 | 9 | 3.3 | 238 | 1.57 | 3.2 | 0 | 1.1 | 4 | 0.2 | 0.4 | 0.2 | 34 | 0.06 | 0.068 | 7 | 17 | 0.15 | 50 | 0.042 | 0 | 0.93 | 0.003 | 0.03 | 0 | 0.02 | 1.3 | 0 | 0 | 5 | 0 | 0 |
| L19S/600W | 6158802 | 347397 | 08-Sep | B | brn | 20 | | Gavin/Kevin | L19S 600W | 3.1 | 30.1 | 7.1 | 54 | 0.1 | 15.6 | 4.3 | 209 | 2.4 | 6.7 | 0.5 | 1.3 | 43 | 0.3 | 0.8 | 0.2 | 52 | 0.46 | 0.062 | 11 | 26 | 0.23 | 141 | 0.031 | 0 | 0.85 | 0.004 | 0.06 | 0 | 0.03 | 2.1 | 0.1 | 0 | 5 | 0.7 | 0 |
| L19S/650W | 6158796 | 347352 | 08-Sep | B | brn | 30 | | Gavin/Kevin | L19S 650W | 4.9 | 168.4 | 15.6 | 117 | 1.3 | 51.9 | 17.2 | 1074 | 3.95 | 8.4 | 8.1 | 1.2 | 47 | 1.5 | 1.3 | 0.4 | 45 | 0.37 | 0.101 | 30 | 31 | 0.38 | 574 | 0.009 | 0 | 1.71 | 0.003 | 0.07 | 0 | 0.4 | 5.5 | 0.3 | 0 | 4 | 4.8 | 0 |
| L19S/650W | 6158797 | 347307 | 08-Sep | B | lt grey | 20 | | Gavin/Kevin | L19S 700W | 1.8 | 11.6 | 5.4 | 53 | 0.2 | 11.2 | 3.8 | 197 | 1.99 | 3.5 | 0 | 0.8 | 4 | 0.3 | 0.5 | 0.2 | 46 | 0.06 | 0.072 | 7 | 23 | 0.2 | 40 | 0.051 | 0 | 0.9 | 0.003 | 0.03 | 0 | 0.02 | 1.6 | 0 | 0 | 5 | 0 | 0 |
| L19S/750W | 6158803 | 347254 | 08-Sep | B | brn | 40 | | Gavin/Kevin | L19S 750W | 1.6 | 12.4 | 5.3 | 34 | 0.2 | 10 | 3.9 | 249 | 1.48 | 3.2 | 0 | 1 | 4 | 0.2 | 0.5 | 0.2 | 34 | 0.06 | 0.042 | 7 | 16 | 0.16 | 77 | 0.049 | 0 | 0.59 | 0.003 | 0.04 | 0 | 0.01 | 1.4 | 0 | 0 | 4 | 0 | 0 |
| L19S/800W | 6158801 | 347205 | 08-Sep | B | lt oj | 30 | | Gavin/Kevin | L19S 800W | 2.4 | 26.1 | 4.5 | 58 | 0.1 | 20.9 | 5.4 | 276 | 2.42 | 5.3 | 0.6 | 1.6 | 8 | 0.2 | 0.6 | 0.1 | 40 | 0.13 | 0.04 | 12 | 26 | 0.45 | 106 | 0.048 | 0 | 1.03 | 0.003 | 0.06 | 0 | 0.03 | 1.9 | 0 | 0 | 4 | 0.5 | 0 |
| L19S/850W | 6158794 | 347150 | 08-Sep | B | brn | 20 | | Gavin/Kevin | L19S 850W | 1.8 | 81.5 | 7.3 | 208 | 0.1 | 42.4 | 65.3 | 4970 | 6.4 | 10.3 | 0 | 0.8 | 46 | 0.6 | 0.4 | 0.2 | 184 | 0.89 | 0.084 | 7 | 53 | 1.05 | 491 | 0.146 | 0 | 2.76 | 0.005 | 0.09 | 0.1 | 0.06 | 11.5 | 0.2 | 0 | 10 | 1 | 0 |
| L19S/900W | 6158808 | 347100 | 08-Sep | B | brn | 30 | In area next to o/c, not much soil | Gavin/Kevin | L19S 900W | 1.6 | 62.9 | 5.2 | 331 | 0.2 | 29.4 | 80.7 | >10000 | 7.05 | 6.7 | 2.1 | 0.3 | 70 | 1.3 | 0.2 | 0.2 | 220 | 1.26 | 0.129 | 4 | 20 | 0.74 | 1316 | 0.336 | 0 | 1.86 | 0.006 | 0.14 | 0.2 | 0.13 | 11.9 | 0.3 | 0 | 11 | 0.7 | 0 |
| L19S/950W | 6158806 | 347054 | 08-Sep | B | brn | 25 | | Gavin/Kevin | L19S 950W | 2 | 124 | 8 | 80 | 0.7 | 33.7 | 11.3 | 965 | 3.31 | 5.3 | 2.4 | 1.5 | 68 | 0.5 | 0.5 | 0.2 | 60 | 0.88 | 0.055 | 20 | 27 | 0.4 | 290 | 0.009 | 0 | 1.64 | 0.007 | 0.06 | 0 | 0.12 | 13 | 0.2 | 0 | 5 | 0.7 | 0 |
| L1N/1400W | 6160800 | 346600 | 03-Sep | B | brn | 20 | | Gavin/Kevin | L1N 1400W | 2.6 | 128.5 | 12.4 | 149 | 1.3 | 28.9 | 16.9 | 535 | 3.91 | 13.3 | 7.6 | 1.1 | 79 | 0.5 | 2.2 | 0.4 | 48 | 0.6 | 0.072 | 20 | 31 | 0.88 | 210 | 0.005 | 0 | 2.17 | 0.006 | 0.08 | 0.1 | 0.22 | 6.6 | 0.2 | 0 | 6 | 1.5 | 0 |
| L1N/1450W | 6160805 | 346547 | 03-Sep | B | lt brn | 10 | | Gavin/Kevin | L1N 1450W | 5.5 | 39.2 | 18.2 | 113 | 0 | 15.6 | 6.7 | 569 | 2.61 | 14.1 | 2.8 | 0.2 | 25 | 0.4 | 4.5 | 0.5 | 42 | 0.18 | 0.062 | 14 | 21 | 0.34 | 287 | 0.011 | 0 | 1.42 | 0.003 | 0.07 | 0 | 0.01 | 1.4 | 0.2 | 0 | 5 | 0.6 | 0 |
| L1N/1500W | 6160799 | 346502 | 03-Sep | B | lt brn | 15 | | Gavin/Kevin | L1N 1500W | 5.1 | 99.2 | 14.3 | 126 | 0.3 | 29.9 | 10.8 | 756 | 2.89 | 13.2 | 3.7 | 0.6 | 50 | 0.7 | 3.9 | 0.4 | 34 | 0.38 | 0.08 | 24 | 25 | 0.62 | 262 | 0.009 | 0 | 1.67 | 0.005 | 0.07 | 0 | 0.06 | 2.8 | 0.2 | 0 | 4 | 1 | 0 |
| L1N/1550W | 6160800 | 346450 | 03-Sep | B | dk-brn | 20 | | Gavin/Kevin | L1N 1550W | 4.8 | 104.1 | 11.3 | 159 | 1 | 27.5 | 8 | 674 | 3.22 | 7.7 | 6.5 | 0.6 | 88 | 1 | 1.4 | 0.4 | 39 | 0.72 | 0.201 | 22 | 27 | 0.69 | 350 | 0.006 | 0 | 2.2 | 0.006 | 0.08 | 0.1 | 0.22 | 3.2 | 0.3 | 0 | 5 | 1.9 | 0 |
| L1N/1600W | 6160805 | 346396 | 03-Sep | B | brn | 15 | | Gavin/Kevin | L1N 1600W | 4.1 | 39.2 | 26.7 | 101 | 0.3 | 23.4 | 13.9 | 1094 | 3.16 | 10 | 3 | 0.1 | 13 | 0.4 | 2.6 | 0.4 | 40 | 0.18 | 0.141 | 10 | 33 | 0.45 | 234 | 0.007 | 0 | 1.36 | 0.004 | 0.09 | 0 | 0.06 | 1 | 0.2 | 0 | 4 | 1 | 0 |
| L1N/1650W | 6160801 | 346350 | 03-Sep | B | brn | 20 | | Gavin/Kevin | L1N 1650W | 3.8 | 22.3 | 12 | 45 | 0.4 | 10.8 | 4.3 | 441 | 2.64 | 6.5 | 1.7 | 0 | 5 | 0.4 | 1.8 | 0.3 | 62 | 0.08 | 0.076 | 13 | 25 | 0.21 | 97 | 0.016 | 0 | 1.24 | 0.003 | 0.05 | 0 | 0.05 | 0.7 | 0.2 | 0 | 7 | 0 | 0 |
| L1N/1700W | 6160802 | 346299 | 03-Sep | B | brn | 15 | | Gavin/Kevin | L1N 1700W | 4.3 | 38.6 | 795.2 | 86 | 3 | 15.4 | 8.6 | 2437 | 2.85 | 43.9 | 11.2 | 0.2 | 5 | 0.7 | 440.9 | 0.5 | 62 | 0.05 | 0.066 | 14 | 26 | 0.25 | 273 | 0.028 | 0 | 1.16 | 0.003 | 0.09 | 0 | 0.06 | 1.6 | 0.2 | 0 | 6 | 0 | 0 |
| L1N/1750W | 6160810 | 346252 | 03-Sep | B | brn | 10 | | Gavin/Kevin | L1N 1750W | 4.8 | 32.4 | 86.7 | 89 | 2.2 | 11.6 | 4.6 | 219 | 3.57 | 59.7 | 1.2 | 0.3 | 6 | 0.8 | 36 | 0.5 | 121 | 0.15 | 0.067 | 14 | 21 | 0.16 | 106 | 0.127 | 0 | 1.24 | 0.003 | 0.04 | 0 | 0.06 | 2.2 | 0.2 | 0 | 8 | 0 | 0 |
| L1N/1800W | 6160793 | 346208 | 03-Sep | B | oj brn | 10 | | Gavin/Kevin | L1N 1800W | 7.1 | 52.9 | 38.4 | 75 | 0.1 | 16.8 | 12.2 | 1730 | 3.34 | 28.7 | 1.4 | 0.7 | 8 | 0.3 | 9.1 | 0.4 | 57 | 0.1 | 0.087 | 16 | 22 | 0.15 | 217 | 0.022 | 0 | 1 | 0.003 | 0.08 | 0 | 0.03 | 2.2 | 0.2 | 0 | 5 | 0 | 0 |

| GPS Name | UTM N | UTM E | Date Taken | Horizon | Colour | Depth (cm) | Notes | Sampler(s) | Sample Name | Mo (PPM) | Cu (PPM) | Pb (PPM) | Zn (PPM) | Ag (PPM) | Ni (PPM) | Co (PPM) | Mn (PPM) | Fe (%) | As (PPM) | Au (PPB) | Th (PPM) | Sr (PPM) | Cd (PPM) | Sb (PPM) | Bi (PPM) | V (PPM) | Ca (%) | P (%) | La (PPM) | Cr (PPM) | Mg (%) | Ba (PPM) | Ti (%) | B (PPM) | Al (%) | Na (%) | K (%) | W (PPM) | Hg (PPM) | Sc (PPM) | Tl (PPM) | S (%) | Ga (PPM) | Se (PPM) | Te (PPM) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L1N/1850W | 6160798 | 346147 | 03-Sep | B | brn | 20 | | Gavin/Kevin | L1N 1850W | 5.3 | 39.6 | 127.4 | 99 | 0.6 | 17.1 | 5.5 | 325 | 2.97 | 128.9 | 5.2 | 0.2 | 5 | 0.1 | 65.7 | 0.5 | 52 | 0.03 | 0.064 | 17 | 27 | 0.34 | 121 | 0.014 | 0 | 1.54 | 0.002 | 0.05 | 0 | 0.04 | 1.3 | 0.2 | 0 | 6 | 0.5 | 0 |
| L1N/1900W | 6160799 | 346107 | 03-Sep | B | brn | 15 | | Gavin/Kevin | L1N 1900W | 10.2 | 90.8 | 10.6 | 71 | 0.2 | 31.3 | 9.6 | 340 | 3.14 | 16 | 1.4 | 0.1 | 8 | 0 | 8.7 | 0.4 | 33 | 0.01 | 0.095 | 10 | 14 | 0.06 | 118 | 0.003 | 0 | 0.64 | 0.001 | 0.06 | 0 | 0.02 | 0.4 | 0.2 | 0 | 4 | 0.7 | 0 |
| L1N/1950W | 6160806 | 346042 | 03-Sep | B | brn | 15 | | Gavin/Kevin | L1N 1950W | 6.7 | 41.7 | 10.6 | 103 | 0.8 | 22.3 | 7.1 | 2169 | 2.68 | 9.2 | 0 | 0 | 27 | 1.4 | 2.2 | 0.5 | 48 | 0.3 | 0.11 | 12 | 30 | 0.32 | 474 | 0.009 | 0 | 1.58 | 0.004 | 0.07 | 0 | 0.04 | 0.6 | 0.3 | 0 | 6 | 0.6 | 0 |
| L1N/2000W | 6160806 | 346000 | 03-Sep | B | brn | 20 | | Gavin/Kevin | L1N 2000W | 0.9 | 6.3 | 4.7 | 12 | 0.1 | 3.2 | 0.6 | 58 | 0.45 | 1.1 | 0 | 0 | 4 | 0 | 0.1 | 0.2 | 19 | 0.03 | 0.072 | 14 | 12 | 0.07 | 62 | 0.005 | 0 | 0.74 | 0.003 | 0.03 | 0 | 0.02 | 0.2 | 0.1 | 0 | 5 | 0 | 0 |
| L1N/2050W | 6160804 | 345948 | 03-Sep | B | grey brn | 10 | | Gavin/Kevin | L1N 2050W | 1.3 | 6.8 | 3.3 | 12 | 0.1 | 2.9 | 0.7 | 57 | 0.35 | 0 | 0 | 0 | 4 | 0 | 0 | 0.1 | 15 | 0.01 | 0.056 | 16 | 13 | 0.05 | 72 | 0.005 | 0 | 0.63 | 0.002 | 0.04 | 0 | 0.02 | 0.3 | 0.2 | 0 | 5 | 0 | 0 |
| L1N/2100W | 6160799 | 345902 | 03-Sep | B | brn | 10 | | Gavin/Kevin | L1N 2100W | 3.8 | 23.6 | 7 | 37 | 0.8 | 9.1 | 3.4 | 154 | 1.58 | 2.6 | 8.4 | 0 | 4 | 0.2 | 0.5 | 0.4 | 50 | 0.04 | 0.063 | 16 | 22 | 0.12 | 165 | 0.007 | 0 | 1.1 | 0.003 | 0.04 | 0 | 0.05 | 0.4 | 0.3 | 0 | 7 | 0 | 0 |
| L1N/2150W | 6160806 | 345846 | 03-Sep | B | brn | 10 | | Gavin/Kevin | L1N 2150W | 2.6 | 16.1 | 5.7 | 26 | 0.4 | 6 | 2.9 | 631 | 1.49 | 2 | 0.7 | 0 | 4 | 0 | 0.3 | 0.3 | 47 | 0.04 | 0.083 | 14 | 19 | 0.12 | 85 | 0.007 | 0 | 0.86 | 0.002 | 0.05 | 0 | 0.03 | 0.2 | 0.2 | 0 | 5 | 0 | 0 |
| L1N/2200W | 6160799 | 345802 | 03-Sep | B | brn | 10 | | Gavin/Kevin | L1N 2200W | 2.8 | 31 | 7.7 | 44 | 0.2 | 14.1 | 4.5 | 249 | 3.67 | 5.4 | 1.3 | 0 | 4 | 0.2 | 0.9 | 0.3 | 69 | 0.06 | 0.097 | 11 | 31 | 0.35 | 74 | 0.014 | 0 | 1.42 | 0.003 | 0.04 | 0 | 0.07 | 0.5 | 0.1 | 0 | 7 | 0 | 0 |
| L1N/2250W | 6160800 | 345753 | 03-Sep | B | lt brn | 25 | | Gavin/Kevin | L1N 2250W | 2.3 | 29.1 | 8.3 | 56 | 0.2 | 18.3 | 5.6 | 452 | 2.29 | 3.9 | 0.6 | 0 | 6 | 0.3 | 0.8 | 0.3 | 36 | 0.05 | 0.067 | 15 | 25 | 0.43 | 156 | 0.011 | 0 | 1.32 | 0.003 | 0.05 | 0 | 0.03 | 0.6 | 0.2 | 0 | 5 | 0 | 0 |
| L1N/2300W | 6160805 | 345705 | 03-Sep | B | brn | 15 | | Gavin/Kevin | L1N 2300W | 1.4 | 17.6 | 6.4 | 25 | 0.4 | 6.8 | 1.6 | 103 | 0.97 | 2.1 | 0.6 | 0.2 | 4 | 0.1 | 0.3 | 0.2 | 24 | 0.03 | 0.052 | 14 | 13 | 0.2 | 93 | 0.007 | 0 | 1.31 | 0.002 | 0.04 | 0 | 0.03 | 0.6 | 0.2 | 0 | 5 | 0 | 0 |
| L1N/2350W | 6160796 | 345658 | 03-Sep | B | brn | 15 | | Gavin/Kevin | L1N 2350W | 0.5 | 9 | 4.3 | 14 | 0.2 | 2.4 | 0.7 | 72 | 0.48 | 0.8 | 0 | 0 | 2 | 0 | 0.1 | 0.2 | 22 | 0.03 | 0.052 | 6 | 10 | 0.08 | 81 | 0.008 | 0 | 0.93 | 0.003 | 0.04 | 0 | 0.03 | 0.2 | 0.2 | 0 | 6 | 0 | 0 |
| L1N/2400W | 6160802 | 345608 | 03-Sep | B | lt brn | 15 | | Gavin/Kevin | L1N 2400W | 1.4 | 14.7 | 8 | 18 | 0.2 | 3 | 1.2 | 186 | 0.68 | 1.7 | 0 | 0 | 4 | 0 | 0.3 | 0.3 | 29 | 0.05 | 0.079 | 20 | 11 | 0.09 | 91 | 0.005 | 0 | 1.14 | 0.003 | 0.05 | 0 | 0.01 | 0.2 | 0.3 | 0 | 7 | 0 | 0 |
| L1N/2450W | 6160798 | 345549 | 03-Sep | B | lt brn | 15 | | Gavin/Kevin | L1N 2450W | 0.9 | 23 | 7.1 | 33 | 0.2 | 6.5 | 3.9 | 584 | 2.01 | 2.4 | 3.3 | 0 | 4 | 0 | 0.3 | 0.3 | 65 | 0.12 | 0.071 | 7 | 22 | 0.24 | 115 | 0.054 | 0 | 1.47 | 0.003 | 0.05 | 0 | 0.03 | 1 | 0.2 | 0 | 8 | 0 | 0 |
| L1N/2500W | 6160793 | 345507 | 03-Sep | B | brn | 20 | | Gavin/Kevin | L1N 2500W | 0.8 | 33.8 | 4.6 | 68 | 0.3 | 22.9 | 10 | 481 | 4.1 | 2.7 | 0 | 0.2 | 9 | 0.2 | 0.3 | 0.2 | 83 | 0.47 | 0.121 | 9 | 64 | 0.61 | 109 | 0.06 | 0 | 2.15 | 0.005 | 0.06 | 0 | 0.07 | 2.7 | 0.1 | 0 | 7 | 0 | 0 |
| L1N/2550W | 6160803 | 345453 | 03-Sep | B | brn | 15 | | Gavin/Kevin | L1N 2550W | 1.5 | 23.9 | 5.3 | 39 | 0 | 15 | 5.9 | 197 | 2.36 | 1.9 | 0 | 0.2 | 7 | 0.2 | 0.3 | 0.2 | 76 | 0.24 | 0.044 | 11 | 35 | 0.43 | 51 | 0.074 | 0 | 1.64 | 0.004 | 0.03 | 0 | 0.03 | 2 | 0 | 0 | 7 | 0 | 0 |
| L1N/2600W | 6160804 | 345403 | 03-Sep | B | brn | 5 | | Gavin/Kevin | L1N 2600W | 3.1 | 33.6 | 5.2 | 43 | 1.3 | 13.5 | 9.1 | 731 | 3.4 | 1.5 | 0 | 0 | 10 | 0.7 | 0.4 | 0.2 | 121 | 0.5 | 0.123 | 5 | 49 | 0.35 | 138 | 0.15 | 0 | 1.43 | 0.005 | 0.08 | 0 | 0.08 | 2.1 | 0 | 0.05 | 7 | 0 | 0 |
| L1N/2650W | 6160799 | 345345 | 03-Sep | B | oj brn | 15 | | Gavin/Kevin | L1N 2650W | 3.5 | 28.9 | 9.8 | 31 | 0.4 | 7.1 | 2.6 | 260 | 1.7 | 4.1 | 0 | 0.1 | 7 | 0 | 0.5 | 0.3 | 38 | 0.02 | 0.077 | 20 | 13 | 0.18 | 73 | 0.005 | 0 | 1.19 | 0.003 | 0.06 | 0 | 0.02 | 0.4 | 0.3 | 0 | 8 | 0 | 0 |
| L1N/2700W | 6160797 | 345295 | 03-Sep | B | red brn | 20 | | Gavin/Kevin | L1N 2700W | 3.3 | 42.2 | 9.1 | 57 | 0.5 | 17.2 | 6.7 | 860 | 4.21 | 5.5 | 0 | 0.2 | 6 | 0.2 | 0.8 | 0.3 | 67 | 0.08 | 0.122 | 11 | 29 | 0.42 | 107 | 0.017 | 0 | 1.67 | 0.002 | 0.04 | 0 | 0.05 | 1.1 | 0.2 | 0 | 7 | 0.6 | 0 |
| L1N/2750W | 6160795 | 345250 | 03-Sep | B | brn | 20 | | Gavin/Kevin | L1N 2750W | 2.9 | 19.8 | 10.1 | 21 | 0.2 | 6.6 | 1.5 | 89 | 1.21 | 3.5 | 0 | 0.3 | 8 | 0 | 0.3 | 0.3 | 20 | 0.02 | 0.055 | 14 | 9 | 0.16 | 115 | 0.004 | 0 | 1.08 | 0.001 | 0.05 | 0 | 0.03 | 0.5 | 0.3 | 0 | 5 | 0 | 0 |
| L1N/2800W | 6160805 | 345198 | 03-Sep | B | brn | 25 | | Gavin/Kevin | L1N 2800W | 1.6 | 12.5 | 6.3 | 14 | 0.4 | 4.3 | 1.1 | 45 | 0.98 | 2.3 | 0 | 0 | 5 | 0 | 0.2 | 0.2 | 23 | 0.03 | 0.044 | 18 | 11 | 0.09 | 56 | 0.007 | 0 | 0.89 | 0.002 | 0.02 | 0 | 0.04 | 0.3 | 0.1 | 0 | 5 | 0 | 0 |
| L1N/2850W | 6160800 | 345150 | 03-Sep | B | oj | 20 | | Gavin/Kevin | L1N 2850W | 3.2 | 36.8 | 9.6 | 56 | 0.3 | 15.9 | 6.1 | 524 | 3.52 | 6.7 | 0 | 0.2 | 5 | 0.3 | 0.9 | 0.2 | 53 | 0.11 | 0.084 | 15 | 20 | 0.31 | 65 | 0.022 | 0 | 1.14 | 0.002 | 0.04 | 0 | 0.04 | 1.1 | 0.1 | 0 | 5 | 0 | 0 |
| L1N/2900W | 6160800 | 345100 | 03-Sep | B | yel brn | 30 | | Gavin/Kevin | L1N 2900W | 1.6 | 25.8 | 8.5 | 55 | 0 | 12.8 | 6.4 | 405 | 3.58 | 4 | 0 | 0.3 | 9 | 0.3 | 0.6 | 0.2 | 92 | 0.65 | 0.086 | 10 | 25 | 0.49 | 91 | 0.107 | 0 | 2.09 | 0.007 | 0.05 | 0 | 0.02 | 2.6 | 0 | 0 | 10 | 0 | 0 |
| L1S/1400W | 6160594 | 346597 | 13-Oct | C | brn | 30 | | Jacques/Radio | L1S 1400W | 5.3 | 38.3 | 11.1 | 71 | 0.2 | 13.8 | 8.5 | 562 | 1.96 | 5.8 | 0 | 0 | 8 | 0.2 | 1.4 | 0.3 | 41 | 0.05 | 0.055 | 14 | 20 | 0.37 | 159 | 0.006 | 0 | 1.65 | 0.001 | 0.12 | 0 | 0.02 | 0.6 | 0.3 | 0 | 7 | 0 | 0 |
| L1S/1450W | 6160599 | 346546 | 13-Oct | C | brn | 25 | | Jacques/Radio | L1S 1450W | 2.2 | 14.6 | 8.6 | 18 | 0.1 | 3.4 | 0.9 | 75 | 0.69 | 2.4 | 0.8 | 0.2 | 6 | 0.1 | 0.5 | 0.2 | 20 | 0.06 | 0.057 | 19 | 10 | 0.09 | 163 | 0.003 | 0 | 0.92 | 0 | 0.08 | 0 | 0.02 | 0.5 | 0.2 | 0 | 5 | 0 | 0 |
| L1S/1500W | 6160608 | 346501 | 13-Oct | C | brn | 25 | | Jacques/Radio | L1S 1500W | 2.6 | 15.4 | 8 | 28 | 0.1 | 5.5 | 2.3 | 399 | 1.4 | 3 | 0 | 0.1 | 6 | 0.2 | 0.7 | 0.2 | 41 | 0.11 | 0.033 | 16 | 14 | 0.16 | 133 | 0.007 | 0 | 1.13 | 0.001 | 0.08 | 0 | 0.03 | 1.3 | 0.2 | 0 | 6 | 0 | 0 |
| L1S/1550W | 6160615 | 346448 | 13-Oct | C | brn | 30 | | Jacques/Radio | L1S 1550W | 4.8 | 33.5 | 11 | 57 | 0.3 | 17.9 | 5.4 | 274 | 2.66 | 7.6 | 2.9 | 0.8 | 5 | 0.2 | 1.1 | 0.2 | 37 | 0.05 | 0.038 | 16 | 22 | 0.5 | 75 | 0.006 | 0 | 1.63 | 0 | 0.05 | 0 | 0.1 | 2.1 | 0.2 | 0 | 5 | 0 | 0 |
| L1S/1600W | 6160621 | 346398 | 13-Oct | C | brn | 25 | | Jacques/Radio | L1S 1600W | 4.6 | 27.9 | 11 | 39 | 0.4 | 8.4 | 3.4 | 254 | 2.19 | 8.2 | 0 | 0.2 | 5 | 0.2 | 1.1 | 0.2 | 43 | 0.03 | 0.066 | 16 | 15 | 0.16 | 100 | 0.003 | 0 | 1.2 | 0 | 0.06 | 0 | 0.04 | 0.9 | 0.3 | 0 | 6 | 0 | 0 |
| L1S/1650W | 6160626 | 346348 | 13-Oct | C | brn | 20 | | Jacques/Radio | L1S 1650W | 5.4 | 28.3 | 50.5 | 135 | 0.2 | 17.6 | 8.5 | 1346 | 2.75 | 30.7 | 1.8 | 0.1 | 27 | 1.1 | 9.4 | 0.4 | 39 | 0.29 | 0.111 | 13 | 23 | 0.32 | 395 | 0.006 | 0 | 1.26 | 0.001 | 0.14 | 0 | 0.03 | 0.9 | 0.2 | 0 | 6 | 0 | 0 |
| L1S/1700W | 6160611 | 346299 | 13-Oct | C | brn | 25 | | Jacques/Radio | L1S 1700W | 5.7 | 56.3 | 106.7 | 157 | 0.4 | 29.9 | 10.9 | 823 | 4.4 | 109.5 | 2.9 | 1.2 | 6 | 0.4 | 47.9 | 0.4 | 56 | 0.06 | 0.115 | 20 | 35 | 0.51 | 152 | 0.004 | 0 | 1.6 | 0 | 0.11 | 0 | 0.03 | 2.3 | 0.2 | 0 | 6 | 0.6 | 0 |
| L1S/1750W | 6160601 | 346248 | 13-Oct | C | brn | 25 | | Jacques/Radio | L1S 1750W | 3 | 29.8 | 23.7 | 46 | 0 | 15.8 | 7.2 | 865 | 2.03 | 21 | 2.5 | 0.3 | 5 | 0 | 7.3 | 0.3 | 69 | 0.07 | 0.051 | 21 | 27 | 0.3 | 121 | 0.009 | 0 | 1.34 | 0.002 | 0.06 | 0 | 0.02 | 2.4 | 0.3 | 0 | 8 | 0 | 0 |
| L1S/1800W | 6160604 | 346198 | 13-Oct | C | brn | 30 | | Jacques/Radio | L1S 1800W | 3.7 | 32.8 | 7.9 | 44 | 0.4 | 13 | 5 | 282 | 3.22 | 5.7 | 0.9 | 0.1 | 6 | 0.2 | 1 | 0.2 | 68 | 0.08 | 0.105 | 13 | 23 | 0.25 | 89 | 0.015 | 0 | 1.34 | 0.001 | 0.05 | 0 | 0.05 | 1.5 | 0.2 | 0 | 6 | 0 | 0 |
| L1S/1850W | 6160602 | 346152 | 13-Oct | C | brn | 35 | | Jacques/Radio | L1S 1850W | 2.6 | 39.7 | 6.7 | 56 | 0 | 14.3 | 8.8 | 1072 | 3.12 | 2.9 | 0 | 0.3 | 9 | 0 | 0.9 | 0.2 | 106 | 0.25 | 0.066 | 15 | 23 | 0.29 | 142 | 0.073 | 0 | 1.23 | 0.002 | 0.06 | 0 | 0.03 | 3.4 | 0.2 | 0 | 8 | 0 | 0 |
| L1S/1900W | 6160602 | 346098 | 13-Oct | C | brn | 30 | | Jacques/Radio | L1S 1900W | 1 | 50.9 | 4.1 | 79 | 0.1 | 24 | 19.5 | 1343 | 8.14 | 3 | 0 | 0.7 | 11 | 0 | 0.4 | 0.2 | 227 | 0.5 | 0.111 | 6 | 57 | 0.89 | 128 | 0.313 | 0 | 2.39 | 0.004 | 0.05 | 0 | 0.05 | 6.8 | 0.1 | 0 | 12 | 0 | 0 |
| L1S/1950W | 6160598 | 346050 | 13-Oct | C | brn | 25 | | Jacques/Radio | L1S 1950W | 2.1 | 17.6 | 7.1 | 30 | 0.7 | 10.1 | 2.6 | 100 | 1.12 | 1.6 | 0 | 0.2 | 9 | 0.2 | 0.2 | 0.2 | 42 | 0.12 | 0.034 | 17 | 26 | 0.26 | 113 | 0.018 | 0 | 1.55 | 0 | 0.05 | 0 | 0.04 | 1.7 | 0.2 | 0 | 6 | 0 | 0 |
| L1S/2000W | 6160598 | 346000 | 13-Oct | C | brn | 30 | | Jacques/Radio | L1S 2000W | 2.9 | 40.1 | 9.7 | 67 | 0.7 | 15.5 | 5.8 | 869 | 3.79 | 4.5 | 0.7 | 0.2 | 8 | 0.3 | 0.5 | 0.3 | 72 | 0.09 | 0.109 | 14 | 30 | 0.46 | 143 | 0.009 | 0 | 1.96 | 0.002 | 0.07 | 0 | 0.06 | 1.3 | 0.2 | 0 | 9 | 0.5 | 0 |
| L1S/2050W | 6160600 | 345946 | 13-Oct | C | brn | 30 | | Jacques/Radio | L1S 2050W | 2 | 30.7 | 9.1 | 49 | 0.4 | 14.1 | 4.8 | 245 | 3.8 | 5.1 | 9.2 | 0.2 | 7 | 0.2 | 0.6 | 0.2 | 69 | 0.1 | 0.075 | 13 | 28 | 0.28 | 83 | 0.022 | 0 | 1.42 | 0.004 | 0.06 | 0 | 0.05 | 1.7 | 0.2 | 0 | 7 | 0 | 0 |
| L1S/2100W | 6160612 | 345904 | 04-Sep | B | brn | 20 | | Gavin/Kevin | L1S 2100W | 2.6 | 32.9 | 7.5 | 52 | 0.3 | 21 | 6.1 | 266 | 3.25 | 4.9 | 0.8 | 0.2 | 6 | 0.4 | 0.8 | 0.2 | 48 | 0.1 | 0.053 | 10 | 32 | 0.47 | 80 | 0.026 | 0 | 1.6 | 0.003 | 0.04 | 0 | 0.05 | 1.7 | 0.1 | 0 | 5 | 0 | 0 |
| L1S/2150W | 6160599 | 345853 | 04-Sep | B | lt brn | 30 | | Gavin/Kevin | L1S 2150W | 3.1 | 46.3 | 8.8 | 87 | 0 | 29 | 11.3 | 539 | 3.23 | 6.1 | 0 | 0.3 | 7 | 0.3 | 1.2 | 0.2 | 47 | 0.11 | 0.051 | 13 | 32 | 0.55 | 164 | 0.022 | 0 | 1.49 | 0.004 | 0.05 | 0 | 0.03 | 2.1 | 0.1 | 0 | 5 | 0 | 0 |
| L1S/2200W | 6160612 | 345803 | 04-Sep | B | brn | 25 | | Gavin/Kevin | L1S 2200W | 2.7 | 26.1 | 7.2 | 41 | 0.2 | 9 | 6.2 | 1205 | 1.9 | 3.1 | 0 | 0 | 12 | 0.4 | 0.6 | 0.2 | 37 | 0.17 | 0.102 | 11 | 20 | 0.18 | 131 | 0.007 | 0 | 1.07 | 0.003 | 0.08 | 0 | 0.02 | 0.3 | 0.1 | 0 | 5 | 0 | 0 |
| L1S/2250W | 6160615 | 345758 | 04-Sep | B | lt grey | 65 | Clayey, marshy meadow | Gavin/Kevin | L1S 2250W | 1.6 | 29.5 | 10.6 | 68 | 0.5 | 18.5 | 7.8 | 314 | 2.13 | 4 | 0.8 | 0.4 | 25 | 0.4 | 0.7 | 0.2 | 55 | 0.36 | 0.062 | 16 | 38 | 0.74 | 337 | 0.015 | 0 | 1.95 | 0.007 | 0.06 | 0 | 0.07 | 3.9 | 0.2 | 0 | 6 | 0.7 | 0 |
| L1S/2300W | 6160611 | 345708 | 04-Sep | B | lt grey | 50 | Clay, marshy meadow | Gavin/Kevin | L1S 2300W | 3 | 23 | 8.7 | 60 | 0.2 | 24.8 | 11.1 | 348 | 2.58 | 4.5 | 0 | 1.6 | 31 | 0.1 | 0.5 | 0.2 | 66 | 0.46 | 0.042 | 12 | 45 | 0.96 | 632 | 0.013 | 0 | 1.96 | 0.005 | 0.04 | 0 | 0.13 | 6.7 | 0.2 | 0 | 6 | 0 | 0 |
| L1S/2350W | 6160612 | 345654 | 04-Sep | B | brn | 30 | | Gavin/Kevin | L1S 2350W | 3.8 | 38.9 | 7.2 | 60 | 0.4 | 14.8 | 7.6 | 1231 | 4.28 | 3.9 | 4.6 | 0.1 | 4 | 0.3 | 0.6 | 0.4 | 73 | 0.09 | 0.09 | 10 | 39 | 0.35 | 90 | 0.026 | 0 | 1.87 | 0.003 | 0.05 | 0.1 | 0.05 | 1.4 | 0.2 | 0 | 8 | 0 | 0 |
| L1S/2400W | 6160611 | 345603 | 04-Sep | B | brn oj | 40 | | Gavin/Kevin | L1S 2400W | 1.6 | 31.4 | 7.1 | 56 | 0.4 | 22 | 6.4 | 191 | 2.51 | 4.2 | 5.2 | 0.4 | 9 | 0.2 | 0.4 | 0.3 | 44 | 0.12 | 0.059 | 12 | 37 | 0.47 | 61 | 0.027 | 0 | 1.82 | 0.004 | 0.04 | 0 | 0.07 | 1.7 | 0 | 0 | 5 | 0 | 0 |
| L1S/2450W | 6160604 | 345555 | 04-Sep | B | brn | 30 | | Gavin/Kevin | L1S 2450W | 3.2 | 56.6 | 8.3 | 69 | 0.1 | 25.6 | 8.3 | 270 | 3.91 | 7.6 | 2.9 | 0.2 | 6 | 0.4 | 0.9 | 0.3 | 58 | 0.06 | 0.067 | 11 | 38 | 0.49 | 71 | 0.015 | 0 | 1.58 | 0.003 | 0.04 | 0 | 0.06 | 1.5 | 0.1 | 0 | 5 | 0 | 0 |
| L1S/2500W | 6160602 | 345504 | 04-Sep | B | brn | 25 | | Gavin/Kevin | L1S 2500W | 2.3 | 38.3 | 6.6 | 57 | 0.4 | 16 | 6.2 | 272 | 3.59 | 4 | 1.2 | 0 | 5 | 0.2 | 0.6 | 0.3 | 68 | 0.08 | 0.102 | 11 | 30 | 0.38 | 83 | 0.021 | 0 | 1.52 | 0.003 | 0.05 | 0 | 0.06 | 1 | 0.1 | 0 | 6 | 0 | 0 |
| L1S/2550W | 6160614 | 345456 | 04-Sep | | | | Notes missing | Gavin/Kevin | L1S 2550W | 2.8 | 45.6 | 9.6 | 60 | 0.1 | 19.9 | 5.9 | 298 | 3.12 | 6.3 | 1.4 | 0.3 | 5 | 0.2 | 0.7 | 0.3 | 45 | 0.1 | 0.081 | 14 | 24 | 0.53 | 53 | 0.011 | 0 | 1.7 | 0.003 | 0.03 | 0 | 0.02 | 1.3 | 0.1 | 0 | 5 | 0 | 0 |
| L1S/2600W | 6160607 | 345399 | 03-Sep | B | brn | 20 | | Gavin/Kevin | L1S 2600W | 4 | 71.7 | 9.1 | 79 | 0.2 | 18.8 | 6.2 | 377 | 2.43 | 4.6 | 1 | 0.2 | 11 | 0.3 | 0.7 | 0.4 | 27 | 0.09 | 0.099 | 20 | 14 | 0.12 | 135 | 0.003 | 0 | 1.04 | 0.001 | 0.07 | 0 | 0.03 | 0.4 | 0.3 | 0 | 4 | 0 | 0 |
| L1S/2650W | 6160606 | 345351 | 03-Sep | B | brn | 20 | | Gavin/Kevin | L1S 2650W | 10.5 | 55.1 | 8.1 | 73 | 0.4 | 16.8 | 4.6 | 199 | 2.22 | 7.3 | 3.7 | 0.6 | 23 | 0.2 | 1 | 0.4 | 14 | 0.19 | 0.101 | 13 | 6 | 0.09 | 254 | 0.001 | 0 | 0.58 | 0.001 | 0.07 | 0 | 0.04 | 1.1 | 0.1 | 0 | 2 | 0.8 | 0 |
| L1S/2700W | 6160597 | 345305 | 03-Sep | B | dk-brn | 25 | | Gavin/Kevin | L1S 2700W | 6.4 | 52.1 | 12.1 | 96 | 0.1 | 17.5 | 10.8 | 2629 | 2.35 | 4.2 | 1.3 | 0 | 49 | 1.4 | 0.7 | 0.4 | 28 | 0.53 | 0.19 | 11 | 14 | 0.22 | 329 | 0.003 | 0 | 1.01 | 0.003 | 0.09 | 0 | 0.04 | 0.3 | 0.2 | 0.05 | 3 | 0 | 0 |
| L1S/2750W | 6160595 | 345258 | 03-Sep | B | brn | 20 | | Gavin/Kevin | L1S 2750W | 4.8 | 65.4 | 13.9 | 165 | 0.3 | 27 | 10.2 | 878 | 3.03 | 5.9 | 1.6 | 0.2 | 28 | 0.4 | 0.7 | 0.4 | 36 | 0.31 | 0.14 | 13 | 23 | 0.57 | 327 | 0.006 | 0 | 1.86 | 0.003 | 0.07 | 0 | 0.03 | 0.7 | 0.2 | 0 | 5 | 0.8 | 0 |
| L1S/2800W | 6160600 | 345200 | 03-Sep | B | lt brn | 15 | | Gavin/Kevin | L1S 2800W | 4.6 | 30.5 | 10.8 | 41 | 0.3 | 8.3 | 3.5 | 347 | 2.57 | 3.3 | 7.4 | 0 | 4 | 0.2 | 0.6 | 0.4 | 47 | 0.05 | 0.066 | 15 | 16 | 0.12 | 104 | 0.01 | 0 | 1.15 | 0.002 | 0.06 | 0 | 0.04 | 0.4 | 0.2 | 0 | 7 | 0 | 0 |
| L20N/0W | 6162602 | 347993 | 13-Oct | B | brn | 45 | | Gavin/Kevin | L20N 0W | 4 | 34.8 | 13.6 | 124 | 0.4 | 40.1 | 13 | 896 | 2.55 | 21.8 | 2.7 | 0.5 | 24 | 0.6 | 3 | 0.3 | 46 | 0.35 | 0.068 | 17 | 54 | 0.63 | 240 | 0.029 | 0 | 1.54 | 0.004 | 0.09 | 0 | 0.23 | 3.3 | 0.2 | 0 | 5 | 0.6 | 0 |
| L20N/1000E | 6162601 | 349000 | 13-Oct | C/B | grey | 60 | Clay, marshy meadow | Gavin/Kevin | L20N 1000E | 0.2 | 42.8 | 19.4 | 251 | 0.2 | 25.2 | 5.4 | 210 | 1.66 | 14.1 | 6.2 | 2 | 20 | 1 | 5.5 | 0.5 | 47 | 0.31 | 0.06 | 17 | 38 | 0.62 | 250 | 0.035 | 0 | 1.42 | 0.004 | 0.06 | 0 | 0.36 | 4 | 0.3 | 0 | 4 | 0.5 | 0 |
| L20N/100E | 6162601 | 348099 | 13-Oct | B | yel-brn | 35 | Clayey | Gavin/Kevin | L20N 100E | 2.6 | 28.8 | 10 | 69 | 1.2 | 34.7 | 7.3 | 346 | 2.99 | 14.6 | 2.8 | 0.6 | 9 | 0.2 | 1 | 0.2 | 52 | 0.1 | 0.048 | 14 | 58 | 0.61 | 120 | 0.029 | 0 | 1.56 | 0.005 | 0.08 | 0 | 1.34 | 3.1 | 0.2 | 0 | 6 | 0 | 0 |
| L20N/100W | 6162606 | 347904 | 13-Oct | B | brn | 40 | | Gavin/Kevin | L20N 100W | 3.9 | 41.2 | 12.3 | 100 | 0.7 | 40.2 | 8.6 | 456 | 2.02 | 11.5 | 3.8 | 0.2 | 22 | 0.5 | 2.1 | 0.2 | 38 | 0.27 | 0.106 | 18 | 62 | 0.55 | 164 | 0.016 | 0 | 1.72 | 0.003 | 0.09 | 0 | 0.96 | 1.7 | 0.2 | 0 | 5 | 0 | 0 |
| L20N/1050E | 6162599 | 349051 | 13-Oct | C/B | grey | 55 | Clay, marshy meadow | Gavin/Kevin | L20N 1050E | 0.3 | 57.8 | 18.3 | 304 | 0.2 | 28.6 | 5.2 | 215 | 1.68 | 40 | 6.6 | 1.5 | 22 | 1.3 | 7.9 | 0.5 | 50 | 0.33 | 0.065 | 17 | 45 | 0.6 | 286 | 0.031 | 0 | 1.69 | 0.005 | 0.08 | 0 | 0.42 | 4.6 | 0.2 | 0 | 5 | 1.7 | 0 |
| L20N/1100E | 6162597 | 349103 | 13-Oct | N/S | | | Marshy | Gavin/Kevin | L20N 1100E | 0.2 | 33.5 | 18.3 | 257 | 0.2 | 24.9 | 4.8 | 201 | 1.59 | 11.6 | 7 | 2 | 18 | 0.8 | 2.5 | 0.4 | 43 | 0.36 | 0.063 | 17 | 38 | 0.58 | 228 | 0.036 | 0 | 1.41 | 0.003 | 0.06 | 0.2 | 0.4 | 3.6 | 0.2 | 0 | 4 | 0 | 0 |
| L20N/1150E | 6162599 | 349153 | 13-Oct | N/S | | | Marshy | Gavin/Kevin | L20N 1150E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L20N/1200E | | | | | | | | | L20N 1200E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L20N/150E | 6162602 | 348150 | 13-Oct | B | lt brn | 40 | Clayey | Gavin/Kevin | L20N 150E | 2.5 | 31.2 | 12.9 | 110 | 0.3 | 41.3 | 13.6 | 1029 | 2.44 | 19.2 | 3 | 0.4 | 29 | 0.7 | 1 | 0.2 | 43 | 0.43 | 0.066 | 15 | 56 | 0.57 | 328 | 0.018 | 0 | 1.54 | 0.004 | 0.09 | 0 | 0.36 | 2.9 | 0.2 | 0 | 5 | 0.6 | 0 |
| L20N/150W | 6162584 | 347852 | 13-Oct | B | oj brn | 30 | | Gavin/Kevin | L20N 150W | 3.2 | 37.7 | 10.3 | 71 | 0.6 | 35.1 | 6.1 | 272 | 2.26 | 27 | 8.8 | 0.3 | 14 | 0.3 | 2.4 | 0.2 | 43 | 0.21 | 0.056 | 17 | 53 | 0.47 | 109 | 0.027 | 0 | 1.7 | 0.002 | 0.05 | 0 | 1.25 | 2.6 | 0.2 | 0 | 5 | 0 | 0 |
| L20N/1850W | 6162600 | 346150 | 29-Aug | B | oj brn | 25 | grey A horiz above | Gavin | L20N 1850W | 30 | 84.2 | 31.1 | 85 | 0.8 | 26.2 | 6.6 | 286 | 4.42 | 64.4 | 3.7 | 0.8 | 26 | 0.8 | 7.8 | 0.9 | 73 | 0.03 | 0.069 | 17 | 38 | 0.73 | 194 | 0.022 | 0 | 2.7 | 0.009 | 0.18 | 0 | 0.06 | 4 | 0.8 | 0.11 | 9 | 2.9 | 0.3 |
| L20N/1900W | 6162605 | 346105 | 29-Aug | B/C | brn | 5 | thin, shallow B horizon, lots of small rocks | Gavin | L20N 1900W | 17.3 | 135.4 | 40.4 | 123 | 0.8 | 54.4 | 13.4 | 517 | 5.03 | 35.2 | 8.2 | 1.9 | 14 | 0.3 | 17.6 | 0.9 | 107 | 0.08 | 0.113 | 12 | 45 | 1.06 | 460 | 0.06 | 0 | 3.08 | 0.004 | 0.33 | 0.1 | 0.04 | 5.1 | 0.6 | 0 | 10 | 1.5 | 0.3 |
| L20N/1950W | 6162599 | 346051 | 29-Aug | B | oj brn | 35 | grey A horiz above | Gavin | L20N 1950W | 4.2 | 30.1 | 14.5 | 74 | 0.3 | 19 | 5.9 | 300 | 4.22 | 15 | 0 | 0.6 | 7 | 0.3 | 2.9 | 0.4 | 70 | 0.06 | 0.08 | 17 | 29 | 0.39 | 96 | 0.056 | 0 | 1.74 | 0.003 | 0.06 | 0 | 0.04 | 2.2 | 0.2 | 0 | 8 | 0 | 0 |
| L20N/2000N | 6162596 | 346000 | 29-Aug | B | oj brn | 30 | rocky, possibly C not B? | Gavin | L20N 2000W | 10.9 | 37.4 | 21.7 | 69 | 0.7 | 12.1 | 3.8 | 438 | 4.08 | 22.5 | 2.3 | 0.6 | 5 | 0.1 | 8.2 | 0.5 | 50 | 0.03 | 0.159 | 19 | 20 | 0.22 | 134 | 0.012 | 0 | 1.83 | 0.002 | 0.07 | 0 | 0.06 | 1.9 | 0.4 | 0 | 7 | 1 | 0 |
| L20N/200E | 6162605 | 348202 | 13-Oct | B | oj brn | 30 | Clayey | Gavin/Kevin | L20N 200E | 2.2 | 23 | 9.9 | 86 | 0.5 | 28.8 | 7.1 | 319 | 2.65 | 14.4 | 2.3 | 0.3 | 10 | 0.4 | 0.7 | 0.2 | 42 | 0.14 | 0.073 | 13 | 55 | 0.52 | 154 | 0.018 | 0 | 1.38 | 0.002 | 0.08 | 0 | 0.15 | 1.8 | 0.2 | 0 | 5 | 0 | 0 |
| L20N/200W | 6162597 | 347798 | 13-Oct | B | brn | 45 | | Gavin/Kevin | L20N 200W | 11.7 | 60.6 | 20.5 | 131 | 1.1 | 42.7 | 15.1 | 904 | 3.87 | 67.6 | 6.5 | 0.4 | 27 | 0.8 | 2.8 | 0.4 | 60 | 0.34 | 0.082 | 16 | 74 | 0.55 | 194 | 0.027 | 0 | 2.04 | 0.006 | 0.09 | 0 | 0.52 | 2.5 | 0.2 | 0 | 6 | 0.9 | 0 |
| L20N/2050W | 6162595 | 345948 | 29-Aug | B | lt grey | 20 | very rocky, more brown with depth, but that may be C horizon | Gavin | L20N 2050W | 12.8 | 17 | 18.7 | 58 | 0.2 | 7.2 | 1.4 | 58 | 1.79 | 7.1 | 0.7 | 1.8 | 8 | 0 | 1.2 | 0.5 | 41 | 0.01 | 0.063 | 47 | 10 | 0.07 | 167 | 0.003 | 0 | 1.14 | 0.002 | 0.06 | 0 | 0 | 1.4 | 0.4 | 0 | 8 | 0 | 0 |
| L20N/2100W | 6162602 | 345901 | 29-Aug | B | oj brn | 20 | | Gavin | L20N 2100W | 10.8 | 35.1 | 18.4 | 55 | 0.4 | 10.4 | 3.5 | 353 | 3.81 | 11 | 1.2 | 0.3 | 6 | 0.2 | 1.9 | 0.5 | 53 | 0.03 | 0.11 | 20 | 17 | 0.15 | 146 | 0.013 | 0 | 1.35 | 0.002 | 0.06 | 0 | 0.04 | 1.1 | 0.5 | 0.06 | 7 | 1.1 | 0 |
| L20N/2150W | 6162598 | 345851 | 29-Aug | B | oj brn | 25 | very rocky | Gavin | L20N 2150W | 20.2 | 105.2 | 17.1 | 173 | 0.3 | 28.7 | 9.6 | 271 | 4.31 | 9.7 | 1.8 | 0.3 | 6 | 0.3 | 1.9 | 0.6 | 61 | 0.02 | 0.13 | 19 | 22 | 0.24 | 180 | 0.007 | 0 | 1.94 | 0.002 | 0.06 | 0 | 0.04 | 1.5 | 0.4 | 0 | 8 | 1.2 | 0.2 |
| L20N/2200W | 6162594 | 345805 | 29-Aug | B | brn | 15 | rocks at ~20cm depth | Gavin | L20N 2200W | 7.9 | 36.4 | 16.7 | 51 | 0.3 | 9.6 | 2.9 | 93 | 2.23 | 6 | 2 | 0.2 | 9 | 0.2 | 0.9 | 0.5 | 47 | 0.03 | 0.069 | 22 | 16 | 0.14 | 103 | 0.01 | 0 | 1.67 | 0.004 | 0.06 | 0 | 0.04 | 1.1 | 0.4 | 0.05 | 8 | 0.8 | 0 |
| L20N/2250W | 6162591 | 345753 | 29-Aug | C | yel-oj | 30 | | Gavin | L20N 2250W | 3.1 | 45.5 | 9.8 | 67 | 0.2 | 13.7 | 5.8 | 574 | 4.91 | 7.8 | 0.6 | 0.9 | 3 | 0 | 0.8 | 0.3 | 66 | 0.02 | 0.084 | 11 | 24 | 0.64 | 73 | 0.052 | 0 | 2.14 | 0.005 | 0.06 | 0.1 | 0.03 | 3.3 | 0.2 | 0 | 8 | 1.1 | 0 |
| L20N/2300W | 6162593 | 345707 | 29-Aug | B | lt brn | 30 | | Gavin | L20N 2300W | 6.8 | 51.7 | 14.3 | 59 | 0.1 | 11.6 | 8.6 | 880 | 3.44 | 10 | 0.6 | 0.2 | 8 | 0.2 | 1.2 | 0.4 | 39 | 0.03 | 0.096 | 19 | 16 | 0.32 | 108 | 0.006 | 0 | 1.59 | 0.003 | 0.08 | 0 | 0.04 | 0.8 | 0.3 | 0.05 | 6 | 0.8 | 0.2 |
| L20N/2350W | 6162595 | 345656 | 29-Aug | B | brn | 35 | | Gavin | L20N 2350W | 3.9 | 24.3 | 8.3 | 31 | 0.4 | 7.8 | 2.4 | 161 | 2.39 | 4.8 | 1.4 | 0.1 | 3 | 0.1 | 0.7 | 0.3 | 43 | 0.05 | 0.037 | 15 | 16 | 0.23 | 82 | 0.014 | 0 | 1.56 | 0.002 | 0.05 | 0 | 0.04 | 1.2 | 0.2 | 0 | 6 | 0.9 | 0 |
| L20N/2400W | 6162598 | 345600 | 29-Aug | B | brn | 30 | | Gavin | L20N 2400W | 10.5 | 65.5 | 20.4 | 77 | 1 | 20.5 | 6.9 | 509 | 4.13 | 10.4 | 4 | 0.4 | 9 | 0.3 | 2.7 | 0.3 | 32 | 0.03 | 0.088 | 16 | 20 | 0.41 | 88 | 0.006 | 0 | 1.57 | 0.003 | 0.06 | 0 | 0.06 | 1.1 | 0.2 | 0.06 | 5 | 1.8 | 0 |
| L20N/2450W | 6162599 | 345553 | 29-Aug | B | brn | 35 | | Gavin | L20N 2450W | 16.8 | 63.2 | 17.4 | 82 | 0.3 | 20 | 4.8 | 270 | 4.36 | 10.5 | 2.1 | 1 | 12 | 0.3 | 2.5 | 0.4 | 33 | 0.02 | 0.08 | 16 | 19 | 0.35 | 96 | 0.006 | 0 | 1.6 | 0.004 | 0.05 | 0 | 0.03 | 1.7 | 0.3 | 0.05 | 5 | 1.6 | 0 |
| L20N/2500W | 6162595 | 345504 | 29-Aug | B | brn | 35 | | Gavin | L20N 2500W | 15.9 | 69.3 | 17.2 | 69 | 0.5 | 16.8 | 4.1 | 207 | 5.17 | 14.1 | 2 | 0.5 | 9 | 0.3 | 2.7 | 0.6 | 67 | 0.01 | 0.084 | 12 | 20 | 0.23 | 126 | 0.013 | 0 | 1.51 | 0.003 | 0.05 | 0 | 0.03 | 1.5 | 0.4 | 0 | 8 | 1 | 0.3 |
| L20N/250E | 6162604 | 348254 | 13-Oct | B | brn | 40 | | Gavin/Kevin | L20N 250E | 2.3 | 48.9 | 12.8 | 104 | 0.4 | 65.5 | 12.4 | 543 | 3.3 | 22.5 | 5.2 | 1.4 | 20 | 0.5 | 2.3 | 0.2 | 54 | 0.3 | 0.05 | 17 | 68 | 0.85 | 183 | 0.043 | 0 | 1.89 | 0.005 | 0.12 | 0 | 1.34 | 3.6 | 0.2 | 0 | 6 | 0 | 0 |
| L20N/250W | 6162603 | 347755 | 13-Oct | B | brn | 35 | | Gavin/Kevin | L20N 250W | 4.3 | 67.9 | 14.2 | 43 | 0.8 | 16.7 | 3.2 | 128 | 1.79 | 25.8 | 4.5 | 0.2 | 17 | 1.2 | 1.7 | 0.3 | 41 | 0.23 | 0.035 | 22 | 38 | 0.21 | 161 | 0.029 | 0 | 1.24 | 0.002 | 0.05 | 0 | 0.25 | 1.5 | 0.2 | 0 | 5 | 0 | 0 |
| L20N/2550W | 6162599 | 345455 | 29-Aug | B | oj | 20 | | Gavin | L20N 2550W | 34.6 | 73.1 | 12.2 | 133 | 0.7 | 23.1 | 7.4 | 606 | 5.88 | 13.1 | 2.7 | 0.9 | 7 | 0.5 | 1.4 | 0.3 | 83 | 0.02 | 0.089 | 7 | 25 | 0.41 | 116 | 0.012 | 0 | 2.77 | 0.001 | 0.04 | 0 | 0.12 | 2.2 | 0.5 | 0 | 7 | 1.7 | 0 |

| GPS Name | UTM N | UTM E | Date Taken | Horizon | Colour | Depth (cm) | Notes | Sampler(s) | Sample Name | Mo (PPM) | Cu (PPM) | Pb (PPM) | Zn (PPM) | Ag (PPM) | Ni (PPM) | Co (PPM) | Mn (PPM) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L20N/2600W | 6162598 | 345402 | 29-Aug | B | brn | 40 | on edge of avalanche path | Gavin | L20N 2600W | 5.4 | 30.1 | 10.7 | 45 | 0.3 | 10.1 | 4.6 | 482 |
| L20N/2650W | 6162595 | 345350 | 29-Aug | B | brn | 40 | | Gavin | L20N 2650W | 3.2 | 33.3 | 9.1 | 51 | 0.3 | 13.1 | 5.4 | 315 |
| L20N/2700W | 6162604 | 345303 | 29-Aug | B | red brn | 40 | | Gavin | L20N 2700W | 6.5 | 46.8 | 13.1 | 78 | 0.2 | 20.6 | 12.2 | 671 |
| L20N/2750W | 6162599 | 345256 | 29-Aug | B | dk brn | 60 | some black mineral? Soil | Gavin | L20N 2750W | 6.4 | 294.9 | 15.5 | 124 | 1.9 | 33 | 18.5 | 5616 |
| L20N/2800W | 6162604 | 345201 | 29-Aug | B | lt brn | 45 | | Gavin | L20N 2800W | 14.8 | 73.4 | 16.8 | 97 | 0.4 | 25.6 | 16.8 | 534 |
| L20N/2850N | 6162611 | 345150 | 29-Aug | B | oj brn | 30 | | Gavin | L20N 2850W | 5.7 | 32.9 | 7.6 | 46 | 0.3 | 13.3 | 8.1 | 432 |
| L20N/2900W | 6162593 | 345097 | 29-Aug | B | brn | 60 | | Gavin | L20N 2900W | 8.3 | 98.3 | 21 | 122 | 0.1 | 25.6 | 15.2 | 1282 |
| L20N/2950W | 6162598 | 345053 | 29-Aug | B | lt brn | 10 | | Gavin | L20N 2950W | 5.6 | 59.2 | 12 | 84 | 0.2 | 16.9 | 9.2 | 518 |
| L20N/3000W | 6162600 | 345000 | 29-Aug | B | oj | 25 | | Gavin | L20N 3000W | 4.5 | 58.9 | 10.2 | 87 | 0.3 | 21.1 | 8.4 | 361 |
| L20N/300E | 6162608 | 348303 | 13-Oct | B | yel-brn | 30 | | Gavin/Kevin | L20N 300E | 2 | 36.6 | 11.4 | 115 | 0.2 | 52.6 | 12.1 | 659 |
| L20N/300W | 6162600 | 347700 | 13-Oct | B | brn | 30 | | Gavin/Kevin | L20N 300W | 1.8 | 11.9 | 11.7 | 41 | 0.2 | 12 | 4 | 379 |
| L20N/350E | 6162597 | 348352 | 13-Oct | B | or brn | 40 | | Gavin/Kevin | L20N 350E | 2.7 | 38 | 15.5 | 107 | 0.2 | 44 | 10.5 | 596 |
| L20N/400E | 6162607 | 348394 | 13-Oct | B | yel-brn | 30 | | Gavin/Kevin | L20N 400E | 2.5 | 42.6 | 13.1 | 98 | 0.3 | 50.1 | 10.3 | 444 |
| L20N/450E | 6162601 | 348451 | 13-Oct | B | lt oj brn | 30 | | Gavin/Kevin | L20N 450E | 2.4 | 26.1 | 12.1 | 136 | 0.1 | 36.7 | 8.3 | 353 |
| L20N/500E | 6162605 | 348488 | 13-Oct | B | lt oj brn | 30 | | Gavin/Kevin | L20N 500E | 2.1 | 29.6 | 9.6 | 113 | 0.1 | 41.2 | 9 | 393 |
| L20N/50E | 6162603 | 348054 | 13-Oct | B | red brn | 25 | | Gavin/Kevin | L20N 50E | 2.1 | 19.6 | 8.8 | 64 | 0.5 | 22.4 | 6.4 | 717 |
| L20N/50W | 6162600 | 347950 | 13-Oct | B | lt yel | 35 | | Gavin/Kevin | L20N 50W | 3.3 | 28.2 | 10.9 | 63 | 0.2 | 26.7 | 6.5 | 303 |
| L20N/550E | 6162604 | 348549 | 13-Oct | B | oj yel | 35 | ~10m above cliff | Gavin/Kevin | L20N 550E | 1.8 | 38.6 | 11.2 | 112 | 0.1 | 62.6 | 12.4 | 369 |
| L20N/600E | 6162605 | 348598 | 13-Oct | B | brn | 35 | Just below 30x60m locally dolomitized grey, fg LST cliff. | Gavin/Kevin | L20N 600E | 0.7 | 24.8 | 22.7 | 132 | 0.4 | 48.5 | 12.6 | 1963 |
| L20N/650E | 6162597 | 348653 | 13-Oct | B | red-brn | 40 | | Gavin/Kevin | L20N 650E | 2 | 16.9 | 6.5 | 55 | 0 | 29.4 | 6.4 | 292 |
| L20N/700E | 6162598 | 348703 | 13-Oct | B | yel-brn | 30 | | Gavin/Kevin | L20N 700E | 1.5 | 24 | 5.3 | 59 | 0.1 | 59.1 | 9.8 | 327 |
| L20N/750E | 6162606 | 348751 | 13-Oct | B | yel-brn | 25 | | Gavin/Kevin | L20N 750E | 1 | 14.8 | 4.8 | 40 | 0.2 | 33.6 | 6.4 | 231 |
| L20N/800E | 6162602 | 348791 | 13-Oct | B/C | grey | 20 | Clayey, sandy. On edge of marshy meadow. | Gavin/Kevin | L20N 800E | 0.8 | 17.8 | 3.9 | 41 | 0.1 | 37.8 | 7.3 | 373 |
| L20N/850E | 6162600 | 348850 | 13-Oct | N/S | | | Would have been in creek. | Gavin/Kevin | L20N 850E | | | | | | | | |
| L20N/900E | 6162567 | 348902 | 13-Oct | N/S | | | Marshy | Gavin/Kevin | L20N 900E | | | | | | | | |
| L20N/950E | 6162595 | 348952 | 13-Oct | N/S | | | Marshy | Gavin/Kevin | L20N 950E | | | | | | | | |
| L21S/1000W | 6158605 | 347001 | 11-Sep | B | brn | 20 | | Kevin/Michael | L21S 1000W | 4 | 110.6 | 10.6 | 126 | 0.2 | 73.5 | 16.7 | 829 |
| L21S/1050W | 6158606 | 346942 | 11-Sep | B | lt brn | 40 | | Kevin/Michael | L21S 1050W | 3.5 | 105.6 | 9.1 | 110 | 0.3 | 67.3 | 16 | 809 |
| L21S/1100W | 6158602 | 346895 | 11-Sep | B | brn | 40 | | Kevin/Michael | L21S 1100W | 7.7 | 173.6 | 18.4 | 241 | 1.3 | 76.9 | 20.2 | 1957 |
| L21S/1150W | 6158601 | 346848 | 11-Sep | B | lt brn | 35 | | Kevin/Michael | L21S 1150W | 2.8 | 22.1 | 10.3 | 69 | 0.5 | 16.1 | 5.9 | 207 |
| L21S/1200W | 6158600 | 346802 | 11-Sep | B | lt oj brn | 30 | | Kevin/Michael | L21S 1200W | 3.8 | 43.9 | 6.2 | 56 | 0 | 16.6 | 7.1 | 199 |
| L21S/1250W | 6158601 | 346751 | 11-Sep | B | lt oj brn | 40 | | Kevin/Michael | L21S 1250W | 2.2 | 24 | 4.9 | 76 | 0 | 24.1 | 6 | 253 |
| L21S/1300W | 6158593 | 346704 | 11-Sep | B | oj brn | 40 | | Kevin/Michael | L21S 1300W | 2.5 | 34 | 7.3 | 63 | 0 | 19.4 | 5.4 | 291 |
| L21S/1350W | 6158601 | 346644 | 11-Sep | N/S | | | Marsh, Auger down to handle, still A | Kevin/Michael | L21S 1350W | | | | | | | | |
| L21S/1400W | 6158594 | 346606 | 11-Sep | B | oj brn | 40 | | Kevin/Michael | L21S 1400W | 7 | 37.9 | 6.1 | 86 | 0 | 57.2 | 16.7 | 493 |
| L21S/1450W | 6158602 | 346557 | 11-Sep | N/S | | | Dried up marsh, 60cm of A | Kevin/Michael | L21S 1450W | | | | | | | | |
| L21S/1500W | 6158601 | 346497 | 11-Sep | B | lt brn | 45 | | Kevin/Michael | L21S 1500W | 2.9 | 21.9 | 7.1 | 128 | 0.3 | 17 | 8.8 | 526 |
| L21S/1550W | 6158597 | 346449 | 11-Sep | B | lt brn | 35 | | Kevin/Michael | L21S 1550W | 3.4 | 43 | 7.4 | 112 | 0.2 | 24.3 | 14.2 | 776 |
| L21S/1600W | 6158598 | 346398 | 11-Sep | B | lt brn | 30 | | Kevin/Michael | L21S 1600W | 5.2 | 168.7 | 16 | 241 | 3 | 133.8 | 25.9 | 5362 |
| L21S/1650W | 6158604 | 346349 | 11-Sep | B | lt oj brn | 45 | | Kevin/Michael | L21S 1650W | 3 | 57.6 | 7.6 | 194 | 0.6 | 44.2 | 15 | 913 |
| L21S/1700W | 6158601 | 346299 | 11-Sep | B | lt brn | 25 | | Kevin/Michael | L21S 1700W | 3.9 | 68.6 | 11.3 | 191 | 0.7 | 57.7 | 16.8 | 1442 |
| L21S/1750W | 6158599 | 346251 | 11-Sep | B | lt oj brn | 35 | | Kevin/Michael | L21S 1750W | 2.4 | 22 | 6.9 | 75 | 0.1 | 17.3 | 6.1 | 246 |
| L21S/1800W | 6158600 | 346200 | 11-Sep | B | lt oj brn | 40 | | Kevin/Michael | L21S 1800W | 2 | 40.2 | 10 | 127 | 0.6 | 31.1 | 17.4 | 1548 |
| L21S/1850W | 6158600 | 346150 | 11-Sep | B | lt brn | | | Kevin/Michael | L21S 1850W | 1.9 | 33.5 | 7.5 | 71 | 0.7 | 21.8 | 8.6 | 604 |
| L21S/200W | 6158600 | 347800 | 11-Sep | B | brn | 30 | | Kevin/Michael | L21S 200W | 3.3 | 21 | 8.6 | 95 | 0.3 | 18.8 | 6.5 | 428 |
| L21S/250W | 6158603 | 347750 | 11-Sep | B | lt brn | 25 | | Kevin/Michael | L21S 250W | 4.3 | 28.6 | 8.6 | 151 | 0.2 | 21 | 12.8 | 299 |
| L21S/300W | 6158597 | 347699 | 11-Sep | B | lt brn | 60 | | Kevin/Michael | L21S 300W | 2.6 | 76.4 | 9 | 72 | 0.2 | 23.8 | 10.9 | 577 |
| L21S/350W | 6158595 | 347651 | 11-Sep | N/S | | | Boggy. 50cm of A above bedrock | Kevin/Michael | L21S 350W | | | | | | | | |
| L21S/400W | 6158597 | 347602 | 11-Sep | B | oj brn | 35 | | Kevin/Michael | L21S 400W | 3.7 | 24.1 | 6.8 | 60 | 0 | 16.8 | 5.3 | 239 |
| L21S/450W | 6158599 | 347552 | 11-Sep | B | brn | 30 | | Kevin/Michael | L21S 450W | 2.7 | 25.6 | 7.4 | 86 | 0.2 | 20.6 | 6.7 | 395 |
| L21S/500W | 6158598 | 347501 | 11-Sep | B | lt oj brn | 50 | | Kevin/Michael | L21S 500W | 2.1 | 14.7 | 6.3 | 43 | 0 | 9.3 | 3.2 | 166 |
| L21S/550W | 6158604 | 347449 | 11-Sep | B | lt brn | 45 | | Kevin/Michael | L21S 550W | 4.1 | 78.8 | 13.3 | 87 | 0.4 | 36.8 | 13 | 621 |
| L21S/600W | 6158601 | 347399 | 11-Sep | B | brn | 50 | | Kevin/Michael | L21S 600W | 3.5 | 184.6 | 18.1 | 168 | 1.7 | 51.5 | 11.8 | 502 |
| L21S/650W | 6158600 | 347349 | 11-Sep | B | lt brn | 40 | | Kevin/Michael | L21S 650W | 4.6 | 126.4 | 11.9 | 84 | 0.6 | 42.2 | 15.1 | 3507 |
| L21S/700W | 6158601 | 347299 | 11-Sep | B | brn | 35 | | Kevin/Michael | L21S 700W | 4.8 | 181.2 | 12.2 | 106 | 0.6 | 55.5 | 13.2 | 1499 |
| L21S/750W | 6158607 | 347249 | 11-Sep | B | lt brn | 35 | | Kevin/Michael | L21S 750W | 3 | 76.5 | 7.6 | 63 | 0.8 | 46.8 | 11.4 | 425 |
| L21S/800W | 6158597 | 347202 | 11-Sep | B | lt brn | 60 | | Kevin/Michael | L21S 800W | 2.3 | 41.8 | 6.5 | 91 | 0.4 | 38 | 12.9 | 627 |
| L21S/850W | 6158604 | 347146 | 11-Sep | B | oj brn | 25 | | Kevin/Michael | L21S 850W | 3.1 | 22.7 | 6.6 | 68 | 0.2 | 19 | 7 | 282 |
| L21S/900W | 6158603 | 347100 | 11-Sep | B | oj brn | 40 | | Kevin/Michael | L21S 900W | 3 | 24.4 | 7.7 | 129 | 0.2 | 19.5 | 8.6 | 455 |
| L21S/950W | 6158603 | 347050 | 11-Sep | B | red brn | 40 | | Kevin/Michael | L21S 950W | 2.6 | 88.7 | 10.3 | 92 | 0.4 | 32.9 | 11.6 | 1060 |
| L22N 50E | | | | | | | | | L22N 50E | 3 | 27.3 | 10.7 | 66 | 0.3 | 27.8 | 6.3 | 283 |
| L22N/050E | 6162789 | 348050 | 15-Oct | B | lt brn | 25 | | Gavin/Kevin | L21S 1000W | 4 | 110.6 | 10.6 | 126 | 0.2 | 73.5 | 16.7 | 829 |
| L22N/0W | 6162783 | 347999 | 15-Oct | B/C | grey | 35 | Clay. In swampy spot. | Gavin/Kevin | L22N 0W | 2.5 | 34.2 | 11 | 103 | 0.3 | 41.9 | 10.4 | 438 |
| L22N/1000E | 6162791 | 349004 | 07-Sep | B | grey brn | 25 | | Gavin/Kevin | L22N 1000E | 0.2 | 2.3 | 6 | 13 | 0.1 | 3.9 | 1.1 | 37 |
| L22N/100E | 6162783 | 348092 | 15-Oct | B | lt brn | 30 | | Gavin/Kevin | L22N 100E | 2.6 | 24.3 | 9 | 64 | 0.1 | 32.3 | 6.8 | 335 |
| L22N/100W | 6162784 | 347900 | 15-Oct | B | brn | 25 | | Gavin/Kevin | L22N 100W | 3.3 | 25.2 | 9.8 | 99 | 0.2 | 29.8 | 8.4 | 458 |
| L22N/1050E | 6162797 | 349054 | 07-Sep | B | oj | 20 | | Gavin/Kevin | L22N 1050E | 1.7 | 16.9 | 8.8 | 59 | 0.6 | 27.1 | 7.4 | 339 |
| L22N/1100E | 6162799 | 349102 | 07-Sep | B | oj brn | 15 | | Gavin/Kevin | L22N 1100E | 1.5 | 13.9 | 7.9 | 57 | 0.1 | 22 | 6.4 | 311 |
| L22N/1150E | 6162798 | 349152 | 07-Sep | B | oj brn | 15 | | Gavin/Kevin | L22N 1150E | 2.1 | 13 | 7.4 | 32 | 0.5 | 11.7 | 3.1 | 362 |
| L22N/1200E | 6162800 | 349200 | 07-Sep | B | lt brn | 35 | ~10m W of road | Gavin/Kevin | L22N 1200E | 1.6 | 10.6 | 6.4 | 34 | 0 | 12.1 | 3.8 | 421 |
| L22N/150E | 6162801 | 348151 | 15-Oct | B | lt oj brn | 25 | | Gavin/Kevin | L22N 150E | 3.1 | 38 | 14.4 | 88 | 0.9 | 37.8 | 9.4 | 492 |
| L22N/150E | 6162781 | 347847 | 15-Oct | B | brn | 25 | | Gavin/Kevin | L22N 150W | 2.8 | 26.7 | 11 | 68 | 0.3 | 30.1 | 12.9 | 631 |
| L22N/1850W | 6162799 | 346184 | 12-Oct | C | brn | 25 | | Jacques/Radio | L22N 1850W | 4 | 19.8 | 7 | 22 | 0.6 | 11.4 | 2 | 95 |
| L22N/1900W | 6162792 | 346100 | 12-Oct | C | brn | 25 | | Jacques/Radio | L22N 1900W | 8.8 | 42.9 | 11.8 | 58 | 0.3 | 16 | 4 | 283 |
| L22N/1950W | 6162777 | 346053 | 12-Oct | C | brn | 20 | | Jacques/Radio | L22N 1950W | 3.9 | 21.7 | 8 | 29 | 0.4 | 7.7 | 2.5 | 234 |
| L22N/2000W | 6162779 | 346003 | 12-Oct | C | brn | 20 | | Jacques/Radio | L22N 2000W | 0.7 | 4.2 | 2.7 | 11 | 0 | 1.4 | 0.3 | 39 |
| L22N/200E | 6162801 | 348204 | 15-Oct | B | oj brn | 30 | | Gavin/Kevin | L22N 200E | 2.2 | 38.8 | 11.1 | 111 | 0.1 | 54.6 | 10.8 | 497 |
| L22N/200W | 6162783 | 347802 | 15-Oct | B | lt brn | 30 | | Gavin/Kevin | L22N 200W | 3.2 | 43.5 | 11.9 | 105 | 0.2 | 47.3 | 13.3 | 756 |
| L22N/2050W | 6162773 | 345951 | 12-Oct | C | brn | 20 | | Jacques/Radio | L22N 2050W | 4.6 | 31.9 | 16.5 | 87 | 0.2 | 15.4 | 5.6 | 583 |
| L22N/2100W | 6162777 | 345900 | 12-Oct | C | brn | 20 | | Jacques/Radio | L22N 2100W | 7.5 | 31.2 | 18.1 | 83 | 0.5 | 12.6 | 5.4 | 916 |
| L22N/2150W | 6162778 | 345851 | 12-Oct | C | brn | 20 | | Jacques/Radio | L22N 2150W | 7.9 | 31.6 | 21.3 | 48 | 0.2 | 7.8 | 2.8 | 729 |

| GPS Name | Fe (%) | As (PPM) | Au (PPB) | Th (PPM) | Sr (PPM) | Cd (PPM) | Sb (PPM) | Bi (PPM) | V (PPM) | Ca (%) | P (%) | La (PPM) | Cr (PPM) | Mg (%) | Ba (PPM) | Ti (%) | B (PPM) | Al (%) | Na (%) | K (%) | W (PPM) | Hg (PPM) | Sc (PPM) | Tl (PPM) | S (%) | Ga (PPM) | Se (PPM) | Te (PPM) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L20N/2600W | 2.79 | 5.8 | 1.1 | 0.2 | 6 | 0.4 | 0.9 | 0.3 | 46 | 0.13 | 0.056 | 14 | 16 | 0.25 | 86 | 0.028 | 0 | 1.51 | 0.003 | 0.07 | 0 | 0.03 | 1.3 | 0.2 | 0 | 6 | 0.5 | 0 |
| L20N/2650W | 3.52 | 7 | 1.3 | 0.1 | 5 | 0.4 | 0.9 | 0.2 | 54 | 0.22 | 0.053 | 10 | 20 | 0.33 | 142 | 0.021 | 0 | 1.9 | 0.004 | 0.03 | 0 | 0.06 | 1.4 | 0.2 | 0 | 7 | 0.7 | 0 |
| L20N/2700W | 5.29 | 11.1 | 2.7 | 0.8 | 5 | 0.3 | 1.2 | 0.3 | 54 | 0.11 | 0.073 | 11 | 34 | 0.39 | 158 | 0.019 | 0 | 2.25 | 0.002 | 0.05 | 0 | 0.14 | 3 | 0.2 | 0.06 | 7 | 0 | 0 |
| L20N/2750W | 3.01 | 12.7 | 4.7 | 0.6 | 114 | 2 | 1.6 | 0.4 | 26 | 1.45 | 0.301 | 30 | 54 | 0.29 | 343 | 0.009 | 0 | 2.34 | 0.004 | 0.12 | 0 | 1.26 | 7.2 | 0.4 | 0.14 | 4 | 2.7 | 0 |
| L20N/2800W | 3.05 | 8.8 | 2.1 | 1.5 | 5 | 0.7 | 0.7 | 0.6 | 47 | 0.02 | 0.115 | 13 | 26 | 0.27 | 465 | 0.003 | 0 | 2.14 | 0.001 | 0.05 | 0 | 0.09 | 2.2 | 0.4 | 0 | 8 | 0 | 0 |
| L20N/2850N | 3.65 | 6.1 | 0.9 | 0.1 | 4 | 0.2 | 0.5 | 0.3 | 63 | 0.09 | 0.074 | 10 | 35 | 0.23 | 144 | 0.007 | 0 | 1.7 | 0.002 | 0.04 | 0 | 0.09 | 1.2 | 0.2 | 0 | 7 | 0 | 0 |
| L20N/2900W | 5.41 | 17.2 | 3.1 | 0.3 | 12 | 0.2 | 2.2 | 0.6 | 41 | 0.04 | 0.207 | 12 | 16 | 0.24 | 140 | 0.008 | 0 | 1.31 | 0.003 | 0.07 | 0.1 | 0.05 | 1.1 | 0.2 | 0 | 7 | 0.5 | 0 |
| L20N/2950W | 3.54 | 8.2 | 1.5 | 0.2 | 6 | 0.2 | 0.9 | 0.4 | 48 | 0.12 | 0.071 | 12 | 15 | 0.11 | 138 | 0.009 | 0 | 1.04 | 0.002 | 0.07 | 0 | 0.07 | 1.4 | 0.1 | 0 | 5 | 0 | 0 |
| L20N/3000W | 4.92 | 11.7 | 2.9 | 1 | 5 | 0.3 | 1.1 | 0.3 | 41 | 0.12 | 0.05 | 11 | 20 | 0.34 | 78 | 0.031 | 0 | 1.76 | 0.003 | 0.04 | 0 | 0.06 | 3.4 | 0.1 | 0 | 5 | 0.7 | 0 |
| L20N/300E | 3.41 | 20.9 | 4.1 | 1 | 13 | 0.4 | 2.1 | 0.2 | 55 | 0.29 | 0.047 | 17 | 66 | 0.95 | 243 | 0.047 | 0 | 2.07 | 0.005 | 0.12 | 0 | 1.32 | 3.5 | 0.3 | 0 | 6 | 0 | 0 |
| L20N/300W | 1.25 | 15.8 | 1.1 | 0.4 | 12 | 0.2 | 0.8 | 0.3 | 44 | 0.14 | 0.032 | 18 | 32 | 0.36 | 239 | 0.036 | 0 | 1.22 | 0.003 | 0.09 | 0 | 1.18 | 2.1 | 0.2 | 0 | 6 | 0 | 0 |
| L20N/350E | 3.72 | 38.4 | 4.4 | 1.8 | 11 | 0.5 | 3.6 | 0.3 | 58 | 0.15 | 0.125 | 14 | 69 | 0.68 | 145 | 0.041 | 0 | 1.75 | 0.004 | 0.11 | 0 | 47.97 | 4 | 2.7 | 0 | 6 | 0 | 0 |
| L20N/400E | 3.54 | 18.9 | 5.8 | 2.4 | 11 | 0.4 | 2.2 | 0.2 | 64 | 0.12 | 0.059 | 16 | 72 | 0.85 | 156 | 0.044 | 0 | 2.14 | 0.002 | 0.1 | 0 | 6.04 | 4.3 | 0.4 | 0 | 6 | 0.5 | 0 |
| L20N/450E | 3.12 | 13.5 | 1.2 | 2.5 | 10 | 0.5 | 1.7 | 0.2 | 81 | 0.11 | 0.082 | 16 | 67 | 0.56 | 129 | 0.041 | 0 | 2.54 | 0.003 | 0.08 | 0 | 0.51 | 5.7 | 0.2 | 0 | 9 | 0 | 0 |
| L20N/500E | 3.74 | 14.9 | 6.3 | 2.1 | 9 | 0.3 | 1 | 0.2 | 69 | 0.13 | 0.126 | 14 | 71 | 0.76 | 111 | 0.036 | 0 | 2.22 | 0.002 | 0.08 | 0 | 0.37 | 4.8 | 0.2 | 0 | 8 | 0 | 0 |
| L20N/50E | 2.73 | 10.3 | 1 | 0.7 | 9 | 0.2 | 1.3 | 0.2 | 62 | 0.15 | 0.14 | 12 | 54 | 0.45 | 111 | 0.047 | 0 | 1.49 | 0.004 | 0.08 | 0 | 0.37 | 3 | 0.2 | 0 | 7 | 0 | 0 |
| L20N/50W | 2.64 | 14.1 | 1.9 | 1.5 | 9 | 0.3 | 1.8 | 0.3 | 54 | 0.11 | 0.03 | 18 | 50 | 0.54 | 152 | 0.041 | 0 | 1.65 | 0.002 | 0.1 | 0 | 0.36 | 3.2 | 0.2 | 0 | 6 | 0 | 0 |
| L20N/550E | 3.49 | 14.7 | 2.5 | 1.6 | 10 | 0.9 | 1 | 0.2 | 73 | 0.17 | 0.032 | 14 | 78 | 0.88 | 169 | 0.048 | 0 | 2.85 | 0.003 | 0.05 | 0 | 0.95 | 5.3 | 0.2 | 0 | 8 | 0 | 0 |
| L20N/600E | 3.83 | 18.9 | 2.5 | 1.2 | 22 | 5.7 | 3.6 | 0.3 | 80 | 2.6 | 0.129 | 53 | 83 | 0.39 | 150 | 0.022 | 0 | 2.06 | 0.004 | 0.08 | 0 | 13.23 | 5.9 | 0.2 | 0 | 5 | 0 | 0 |
| L20N/650E | 3.94 | 10.5 | 1.2 | 1.2 | 10 | 0.3 | 0.6 | 0 | 69 | 0.15 | 0.079 | 8 | 101 | 0.4 | 95 | 0.091 | 0 | 1.06 | 0.003 | 0.04 | 0 | 0.33 | 2.8 | 0 | 0 | 5 | 0 | 0 |
| L20N/700E | 2.87 | 8.9 | 1 | 1.3 | 13 | 0.6 | 0.6 | 0 | 47 | 0.22 | 0.104 | 8 | 111 | 0.67 | 92 | 0.066 | 0 | 1.09 | 0.002 | 0.04 | 0 | 0.32 | 3 | 0 | 0 | 3 | 0 | 0 |
| L20N/750E | 1.77 | 4.5 | 1.4 | 0.8 | 14 | 0.2 | 0.3 | 0 | 40 | 0.2 | 0.029 | 10 | 74 | 0.54 | 163 | 0.065 | 0 | 0.98 | 0.004 | 0.06 | 0 | 0.12 | 2.9 | 0 | 0 | 4 | 0 | 0 |
| L20N/800E | 1.41 | 2.6 | 1.3 | 0.4 | 15 | 0.2 | 0.4 | 0 | 35 | 0.24 | 0.046 | 10 | 79 | 0.56 | 140 | 0.054 | 0 | 0.95 | 0.004 | 0.04 | 0 | 0.46 | 2.6 | 0 | 0 | 3 | 0 | 0 |
| L20N/850E | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L20N/900E | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L20N/950E | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L21S/1000W | 4.32 | 12 | 2 | 3 | 33 | 0.4 | 1.1 | 0.2 | 55 | 0.47 | 0.055 | 17 | 51 | 0.63 | 260 | 0.029 | 0 | 1.93 | 0.003 | 0.1 | 0 | 0.1 | 5.5 | 0.2 | 0 | 5 | 0.8 | 0 |
| L21S/1050W | 3.52 | 7.6 | 2.8 | 3.3 | 24 | 0.5 | 1 | 0.2 | 58 | 0.38 | 0.032 | 20 | 116 | 0.82 | 289 | 0.022 | 0 | 1.65 | 0.002 | 0.06 | 0 | 0.09 | 8.8 | 0.2 | 0 | 5 | 0 | 0 |
| L21S/1100W | 5.11 | 12.6 | 3 | 5.8 | 76 | 1.3 | 0.8 | 0.7 | 69 | 0.83 | 0.063 | 27 | 48 | 0.42 | 815 | 0.004 | 0 | 3.41 | 0.003 | 0.12 | 0 | 0.15 | 8.7 | 0.4 | 0 | 9 | 0.7 | 0 |
| L21S/1150W | 3.14 | 6.7 | 0.8 | 2.2 | 7 | 0.3 | 0.7 | 0.2 | 75 | 0.07 | 0.144 | 11 | 36 | 0.3 | 136 | 0.044 | 0 | 1.92 | 0 | 0.05 | 0 | 0.09 | 3.9 | 0.1 | 0 | 8 | 0 | 0 |
| L21S/1200W | 2.49 | 6.6 | 2.4 | 2.6 | 7 | 0 | 0.6 | 0.2 | 62 | 0.07 | 0.023 | 18 | 22 | 0.18 | 82 | 0.019 | 0 | 0.89 | 0 | 0.06 | 0 | 0.01 | 2.5 | 0.1 | 0 | 6 | 0 | 0 |
| L21S/1250W | 2.23 | 3.2 | 0.6 | 1.8 | 7 | 0.2 | 0.3 | 0 | 35 | 0.1 | 0.03 | 12 | 28 | 0.42 | 118 | 0.025 | 0 | 1.43 | 0 | 0.05 | 0 | 0.02 | 2.5 | 0 | 0 | 4 | 0 | 0 |
| L21S/1300W | 3.42 | 6.5 | 0 | 2.3 | 5 | 0 | 0.5 | 0.1 | 52 | 0.06 | 0.049 | 12 | 32 | 0.44 | 112 | 0.03 | 0 | 1.82 | 0 | 0.05 | 0 | 0.02 | 3 | 0.1 | 0 | 5 | 0 | 0 |
| L21S/1350W | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L21S/1400W | 4.75 | 6.3 | 0 | 2 | 7 | 0.4 | 1.3 | 0.2 | 214 | 0.09 | 0.033 | 11 | 194 | 0.95 | 170 | 0.004 | 0 | 2.11 | 0 | 0.03 | 0 | 0.03 | 9.7 | 0.1 | 0 | 14 | 0 | 0 |
| L21S/1450W | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L21S/1500W | 1.96 | 2.6 | 0 | 1.2 | 27 | 0.4 | 0.2 | 0.1 | 54 | 0.34 | 0.022 | 11 | 39 | 0.42 | 268 | 0.038 | 0 | 1.73 | 0.001 | 0.04 | 0 | 0.02 | 3.6 | 0.1 | 0 | 7 | 0 | 0 |
| L21S/1550W | 4.9 | 13.6 | 0.7 | 1.5 | 10 | 0.4 | 0.8 | 0.2 | 87 | 0.18 | 0.203 | 10 | 41 | 0.42 | 99 | 0.071 | 0 | 1.51 | 0 | 0.06 | 0 | 0.03 | 5.6 | 0 | 0 | 7 | 0 | 0 |
| L21S/1600W | 4.49 | 9.6 | 6 | 1.6 | 76 | 5 | 1 | 0.3 | 61 | 1.37 | 0.143 | 50 | 82 | 0.48 | 506 | 0.024 | 0 | 3.06 | 0.006 | 0.1 | 0 | 0.25 | 9.3 | 0.4 | 0 | 7 | 1.6 | 0 |
| L21S/1650W | 2.75 | 4.1 | 2.1 | 1.3 | 42 | 0.9 | 0.6 | 0.1 | 52 | 0.56 | 0.045 | 21 | 44 | 0.6 | 314 | 0.027 | 0 | 2.03 | 0.002 | 0.07 | 0 | 0.05 | 3.9 | 0.1 | 0 | 6 | 0 | 0 |
| L21S/1700W | 3.89 | 8.4 | 1.1 | 2.1 | 52 | 1.2 | 0.9 | 0.3 | 58 | 0.52 | 0.077 | 16 | 52 | 0.51 | 336 | 0.026 | 0 | 2.18 | 0.001 | 0.1 | 0 | 0.06 | 5.2 | 0.2 | 0 | 6 | 0 | 0 |
| L21S/1750W | 2.64 | 16.2 | 1.1 | 1.3 | 21 | 0.4 | 1 | 0.2 | 53 | 0.25 | 0.082 | 10 | 29 | 0.2 | 117 | 0.066 | 0 | 0.83 | 0 | 0.08 | 0 | 0.03 | 2.4 | 0 | 0 | 5 | 0 | 0 |
| L21S/1800W | 2.84 | 4 | 5.2 | 1.2 | 52 | 0.9 | 0.4 | 0.2 | 65 | 0.6 | 0.045 | 13 | 44 | 0.39 | 387 | 0.028 | 0 | 1.79 | 0.002 | 0.07 | 0 | 0.03 | 4.5 | 0 | 0 | 7 | 0 | 0 |
| L21S/1850W | 2.13 | 5 | 1.1 | 0.7 | 49 | 0.6 | 0.5 | 0.1 | 49 | 0.58 | 0.054 | 19 | 32 | 0.31 | 289 | 0.037 | 0 | 1.51 | 0 | 0.05 | 0 | 0.04 | 3.3 | 0 | 0 | 5 | 0 | 0 |
| L21S/200W | 3.76 | 9.4 | 0.7 | 1.8 | 6 | 0.3 | 1 | 0.2 | 58 | 0.08 | 0.151 | 8 | 38 | 0.27 | 59 | 0.075 | 0 | 1.47 | 0 | 0.06 | 0.2 | 0.04 | 2.5 | 0 | 0 | 7 | 0 | 0 |
| L21S/250W | 4.52 | 7.6 | 0 | 1.4 | 32 | 0.4 | 0.8 | 0.2 | 81 | 0.25 | 0.071 | 14 | 39 | 0.29 | 229 | 0.028 | 0 | 1.73 | 0.001 | 0.06 | 0 | 0.04 | 3.2 | 0 | 0 | 9 | 0 | 0 |
| L21S/300W | 2.69 | 5.1 | 4.5 | 1.5 | 63 | 0.5 | 0.6 | 0.2 | 45 | 0.63 | 0.028 | 10 | 48 | 0.47 | 278 | 0.074 | 0 | 1.41 | 0.003 | 0.06 | 0 | 0.11 | 5 | 0.1 | 0 | 5 | 0.8 | 0 |
| L21S/350W | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L21S/400W | 3.23 | 8.7 | 41.5 | 1.2 | 9 | 0.2 | 1 | 0.2 | 73 | 0.11 | 0.04 | 6 | 32 | 0.26 | 74 | 0.07 | 0 | 1.09 | 0 | 0.05 | 0 | 0.03 | 2.3 | 0 | 0 | 6 | 0 | 0 |
| L21S/450W | 2.9 | 8.7 | 0 | 1.1 | 8 | 0.3 | 0.9 | 0.2 | 47 | 0.13 | 0.097 | 9 | 36 | 0.28 | 97 | 0.045 | 0 | 1.29 | 0.001 | 0.05 | 0 | 0.03 | 2.4 | 0 | 0 | 5 | 0 | 0 |
| L21S/500W | 1.69 | 4.5 | 0.5 | 1.2 | 6 | 0.2 | 0.6 | 0.1 | 52 | 0.09 | 0.038 | 9 | 18 | 0.15 | 69 | 0.069 | 0 | 0.85 | 0 | 0.04 | 0 | 0.02 | 1.7 | 0 | 0 | 6 | 0 | 0 |
| L21S/550W | 3.34 | 19.2 | 2.1 | 1.7 | 47 | 0.4 | 2 | 0.3 | 44 | 0.59 | 0.06 | 12 | 52 | 0.59 | 343 | 0.014 | 0 | 1.64 | 0.004 | 0.1 | 0 | 0.18 | 4 | 0.1 | 0 | 5 | 1.1 | 0 |
| L21S/600W | 3.6 | 9.1 | 14 | 4.3 | 75 | 0.5 | 0.6 | 0.7 | 26 | 0.91 | 0.118 | 31 | 40 | 0.67 | 312 | 0.002 | 0 | 1.91 | 0 | 0.1 | 0 | 0.66 | 5.8 | 0.2 | 0 | 4 | 1.5 | 0 |
| L21S/650W | 3.03 | 8 | 0.7 | 1.6 | 63 | 1 | 0.9 | 0.2 | 69 | 0.82 | 0.038 | 22 | 62 | 0.44 | 484 | 0.029 | 0 | 1.86 | 0.001 | 0.06 | 0 | 0.19 | 6.1 | 0.2 | 0 | 7 | 0.8 | 0 |
| L21S/700W | 3.25 | 11.7 | 10.3 | 2.1 | 48 | 0.7 | 1 | 0.3 | 56 | 0.52 | 0.038 | 22 | 59 | 0.58 | 402 | 0.019 | 0 | 2 | 0.005 | 0.06 | 0 | 0.25 | 6.4 | 0.2 | 0 | 7 | 1.2 | 0 |
| L21S/750W | 3.08 | 13.2 | 2.1 | 1.6 | 53 | 0.7 | 1.2 | 0.2 | 45 | 0.62 | 0.029 | 13 | 41 | 0.5 | 303 | 0.025 | 0 | 1.4 | 0.002 | 0.06 | 0 | 0.1 | 4.1 | 0.1 | 0 | 4 | 0 | 0 |
| L21S/800W | 2.75 | 3.7 | 3.2 | 1.1 | 37 | 0.2 | 0.6 | 0.1 | 43 | 0.5 | 0.044 | 10 | 54 | 0.7 | 251 | 0.02 | 0 | 1.4 | 0.003 | 0.08 | 0 | 0.35 | 6.8 | 0.1 | 0 | 4 | 0 | 0 |
| L21S/850W | 2.62 | 6.5 | 0 | 1.6 | 8 | 0.2 | 0.6 | 0.1 | 51 | 0.08 | 0.042 | 9 | 34 | 0.38 | 186 | 0.038 | 0 | 1.48 | 0 | 0.06 | 0 | 0.04 | 2.8 | 0.1 | 0 | 6 | 0 | 0 |
| L21S/900W | 2.91 | 6.1 | 0.9 | 1.4 | 35 | 0.9 | 0.6 | 0.2 | 56 | 0.45 | 0.054 | 9 | 36 | 0.32 | 314 | 0.043 | 0 | 1.15 | 0.001 | 0.11 | 0 | 0.04 | 2.7 | 0 | 0 | 6 | 0 | 0 |
| L21S/950W | 2.8 | 4.7 | 1.5 | 2.2 | 56 | 0.6 | 0.5 | 0.2 | 52 | 0.81 | 0.037 | 20 | 33 | 0.47 | 368 | 0.014 | 0 | 1.65 | 0.002 | 0.08 | 0 | 0.07 | 4.6 | 0.2 | 0 | 5 | 0.6 | 0 |
| L22N 50E | 2.88 | 14.1 | 1.3 | 0.8 | 7 | 0.4 | 1.7 | 0.2 | 45 | 0.09 | 0.028 | 14 | 49 | 0.46 | 171 | 0.035 | 0 | 1.63 | 0.002 | 0.08 | 0 | 1.07 | 2.8 | 0.2 | 0 | 6 | 0 | 0 |
| L22N/050E | 4.32 | 12 | 2 | 3 | 33 | 0.4 | 1.1 | 0.2 | 55 | 0.47 | 0.055 | 17 | 51 | 0.63 | 260 | 0.029 | 0 | 1.93 | 0.003 | 0.1 | 0 | 0.1 | 5.5 | 0.2 | 0 | 5 | 0.8 | 0 |
| L22N/0W | 2.44 | 11.9 | 5 | 0.5 | 17 | 0.5 | 1.1 | 0.2 | 40 | 0.23 | 0.058 | 17 | 54 | 0.64 | 209 | 0.022 | 0 | 1.42 | 0.003 | 0.1 | 0 | 0.5 | 3 | 0.2 | 0 | 5 | 0 | 0 |
| L22N/1000E | 0.38 | 1 | 0.9 | 0.2 | 11 | 0.2 | 0.2 | 0.1 | 24 | 0.23 | 0.013 | 12 | 22 | 0.12 | 102 | 0.035 | 0 | 0.65 | 0 | 0.04 | 0 | 0.49 | 1 | 0.1 | 0 | 5 | 0 | 0 |
| L22N/100E | 3.25 | 12.5 | 1.7 | 1.3 | 9 | 0.3 | 1.5 | 0.2 | 51 | 0.09 | 0.034 | 13 | 63 | 0.54 | 107 | 0.047 | 0 | 1.53 | 0.001 | 0.08 | 0 | 0.37 | 3.3 | 0.2 | 0 | 6 | 0 | 0 |
| L22N/100W | 2.39 | 15 | 2.8 | 0.2 | 15 | 0.4 | 0.6 | 0.2 | 48 | 0.18 | 0.045 | 15 | 53 | 0.57 | 195 | 0.019 | 0 | 1.71 | 0.003 | 0.07 | 0 | 0.34 | 2.1 | 0.2 | 0 | 6 | 0.5 | 0 |
| L22N/1050E | 4.02 | 12 | 0.8 | 1.3 | 8 | 0.2 | 1.8 | 0.1 | 91 | 0.16 | 0.169 | 8 | 81 | 0.54 | 73 | 0.096 | 0 | 1.57 | 0 | 0.04 | 0.2 | 0.18 | 3.5 | 0 | 0 | 7 | 0 | 0 |
| L22N/1100E | 3.05 | 8.3 | 0.7 | 1.2 | 6 | 0.1 | 1.7 | 0.2 | 88 | 0.1 | 0.127 | 8 | 55 | 0.33 | 47 | 0.109 | 0 | 1.37 | 0 | 0.03 | 0 | 0.21 | 3.2 | 0 | 0 | 9 | 0 | 0 |
| L22N/1150E | 2.03 | 11.4 | 1 | 1.5 | 6 | 0.2 | 1.1 | 0.1 | 48 | 0.08 | 0.107 | 10 | 33 | 0.18 | 77 | 0.054 | 0 | 0.87 | 0 | 0.03 | 0 | 0.26 | 2 | 0 | 0 | 4 | 0 | 0 |
| L22N/1200E | 1.6 | 6.9 | 0.8 | 2 | 8 | 0.2 | 0.8 | 0.1 | 42 | 0.09 | 0.07 | 16 | 25 | 0.24 | 87 | 0.04 | 0 | 0.89 | 0 | 0.06 | 0 | 0.04 | 2 | 0 | 0 | 5 | 0 | 0 |
| L22N/150E | 5.62 | 19.3 | 1.5 | 2.1 | 9 | 0.4 | 2.1 | 0.2 | 83 | 0.09 | 0.093 | 13 | 69 | 0.69 | 133 | 0.065 | 0 | 2.15 | 0.004 | 0.11 | 0 | 0.16 | 4.4 | 0.2 | 0 | 8 | 0.7 | 0 |
| L22N/150E | 2.45 | 19.3 | 4.3 | 0.4 | 14 | 0.2 | 2.4 | 0.2 | 37 | 0.23 | 0.057 | 13 | 48 | 0.58 | 147 | 0.028 | 0 | 1.23 | 0.003 | 0.07 | 0 | 0.5 | 2.2 | 0.1 | 0 | 4 | 0 | 0 |
| L22N/1850W | 2.09 | 6.5 | 3.8 | 0.6 | 19 | 0 | 1.5 | 0.5 | 61 | 0.02 | 0.061 | 7 | 21 | 0.39 | 93 | 0.036 | 0 | 1.33 | 0.006 | 0.14 | 0 | 0.02 | 2.6 | 0.5 | 0 | 9 | 0 | 0 |
| L22N/1900W | 4.21 | 28.4 | 0 | 0.4 | 8 | 0 | 3.6 | 1.2 | 87 | 0.02 | 0.09 | 10 | 31 | 0.63 | 120 | 0.035 | 0 | 1.94 | 0.005 | 0.12 | 0 | 0.06 | 2.5 | 0.5 | 0 | 9 | 1.2 | 0.3 |
| L22N/1950W | 1.72 | 5.2 | 0 | 0.1 | 4 | 0 | 2 | 0.3 | 46 | 0.03 | 0.048 | 11 | 13 | 0.24 | 66 | 0.049 | 0 | 1.22 | 0.003 | 0.08 | 0 | 0.02 | 1.3 | 0.3 | 0 | 8 | 0 | 0 |
| L22N/2000W | 0.24 | 0.8 | 0 | 1.1 | 4 | 0 | 0.4 | 0.1 | 16 | 0.01 | 0.031 | 30 | 7 | 0.09 | 46 | 0.004 | 0 | 0.86 | 0.002 | 0.05 | 0 | 0 | 1.2 | 0.3 | 0 | 6 | 0 | 0 |
| L22N/200E | 4.19 | 18.1 | 2.2 | 2.5 | 12 | 0.3 | 1.2 | 0.2 | 70 | 0.17 | 0.206 | 14 | 86 | 0.93 | 150 | 0.036 | 0 | 2.53 | 0.006 | 0.09 | 0 | 0.42 | 5.4 | 0.2 | 0 | 7 | 0 | 0 |
| L22N/200W | 2.99 | 26.6 | 3.9 | 1.8 | 15 | 0.3 | 2.6 | 0.2 | 43 | 0.25 | 0.053 | 18 | 61 | 0.75 | 114 | 0.05 | 0 | 1.42 | 0.005 | 0.07 | 0 | 0.51 | 3.6 | 0.1 | 0 | 4 | 0 | 0 |
| L22N/2050W | 2.64 | 19.4 | 0.9 | 0.2 | 6 | 0.1 | 7.8 | 0.3 | 39 | 0.06 | 0.074 | 18 | 20 | 0.26 | 106 | 0.011 | 0 | 1.33 | 0.002 | 0.07 | 0 | 0.03 | 1.2 | 0.2 | 0 | 7 | 0 | 0 |
| L22N/2100W | 2.48 | 19.4 | 1.1 | 0.2 | 7 | 0.1 | 5.6 | 0.3 | 33 | 0.07 | 0.099 | 21 | 14 | 0.13 | 116 | 0.007 | 0 | 0.92 | 0.005 | 0.08 | 0 | 0.04 | 0.7 | 0.2 | 0 | 5 | 0 | 0 |
| L22N/2150W | 1.78 | 6.8 | 0.6 | 1.3 | 9 | 0 | 2.1 | 0.4 | 32 | 0.08 | 0.105 | 29 | 10 | 0.09 | 128 | 0.002 | 0 | 0.91 | 0.005 | 0.1 | 0 | 0.04 | 1 | 0.3 | 0 | 7 | 0 | 0 |

| GPS Name | UTM N | UTM E | Date Taken | Horizon | Colour | Depth (cm) | Notes | Sampler(s) | Sample Name | Mo (PPM) | Cu (PPM) | Pb (PPM) | Zn (PPM) | Ag (PPM) | Ni (PPM) | Co (PPM) | Mn (PPM) | Fe (%) | As (PPM) | Au (PPB) | Th (PPM) | Sr (PPM) | Cd (PPM) | Sb (PPM) | Bi (PPM) | V (PPM) | Ca (%) | P (%) | La (PPM) | Cr (PPM) | Mg (%) | Ba (PPM) | Ti (%) | B (PPM) | Al (%) | Na (%) | K (%) | W (PPM) | Hg (PPM) | Sc (PPM) | Tl (PPM) | S (%) | Ga (PPM) | Se (PPM) | Te (PPM) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L22N/2200W | 6162779 | 345801 | 12-Oct | C | grey | 30 | | Jacques/Radio | L22N 2200W | 3.2 | 40.8 | 34.6 | 229 | 0.3 | 31 | 21.6 | 1148 | 4.21 | 10.8 | 2.7 | 0.9 | 33 | 3.1 | 4.9 | 0.3 | 67 | 1.07 | 0.414 | 43 | 51 | 0.61 | 253 | 0.009 | 0 | 2.36 | 0.005 | 0.05 | 0 | 0.18 | 3.2 | 0.2 | 0 | 5 | 0.6 | 0 |
| L22N/2250W | 6162778 | 345745 | 12-Oct | C | brn | 20 | | Jacques/Radio | L22N 2250W | 4.7 | 53.4 | 10.9 | 190 | 0.7 | 14.7 | 11.6 | 667 | 3.2 | 5.4 | 0 | 0 | 7 | 0.4 | 0.7 | 0.3 | 51 | 0.07 | 0.079 | 13 | 20 | 0.35 | 131 | 0.008 | 0 | 2.14 | 0.004 | 0.06 | 0 | 0.07 | 0.9 | 0.3 | 0 | 7 | 0 | 0 |
| L22N/2300W | 6162781 | 345692 | 12-Oct | C | brn | 25 | | Jacques/Radio | L22N 2300W | 7.1 | 81.4 | 23 | 125 | 0.6 | 12.9 | 51.7 | 2219 | 2.33 | 3.1 | 1.9 | 0.1 | 31 | 0.9 | 0.4 | 0.5 | 46 | 0.25 | 0.098 | 19 | 16 | 0.19 | 303 | 0.004 | 0 | 1.61 | 0.006 | 0.08 | 0 | 0.04 | 0.5 | 0.5 | 0 | 7 | 0.5 | 0 |
| L22N/2350W | 6162780 | 345651 | 12-Oct | C | brn | 25 | | Jacques/Radio | L22N 2350W | 5.8 | 85.6 | 10.8 | 143 | 0.3 | 29.8 | 10.9 | 591 | 3.39 | 8.2 | 1.6 | 2.3 | 65 | 0.4 | 1.5 | 0.4 | 38 | 0.52 | 0.086 | 22 | 22 | 0.74 | 298 | 0.004 | 0 | 2 | 0.004 | 0.09 | 0 | 0.06 | 3.5 | 0.3 | 0 | 6 | 1 | 0 |
| L22N/2400W | 6162782 | 345600 | 12-Oct | C | brn | 30 | | Jacques/Radio | L22N 2400W | 7.2 | 142.5 | 16.2 | 134 | 0.8 | 24.9 | 13.3 | 2101 | 2.85 | 7.7 | 0.9 | 0.4 | 80 | 2.4 | 1.1 | 0.5 | 37 | 0.57 | 0.101 | 32 | 23 | 0.46 | 294 | 0.008 | 0 | 1.84 | 0.007 | 0.1 | 0.1 | 0.1 | 2.8 | 0.3 | 0 | 6 | 1.1 | 0 |
| L22N/2450W | 6162784 | 345549 | 12-Oct | C | brn | 30 | | Jacques/Radio | L22N 2450W | 6.7 | 205.3 | 13.3 | 153 | 0.8 | 40.2 | 15.6 | 1376 | 3.45 | 14.2 | 2.4 | 1.4 | 80 | 2 | 1.9 | 0.3 | 38 | 0.61 | 0.128 | 51 | 45 | 0.67 | 137 | 0.026 | 0 | 1.56 | 0.005 | 0.09 | 0 | 0.33 | 4.5 | 0.4 | 0 | 5 | 1.9 | 0 |
| L22N/2500W | 6162788 | 345500 | 12-Oct | C | brn | 25 | | Jacques/Radio | L22N 2500W | 7.6 | 51.8 | 9.9 | 153 | 0.3 | 14.2 | 8.8 | 560 | 3.13 | 4.7 | 0 | 0.5 | 50 | 0.6 | 0.4 | 0.2 | 76 | 0.38 | 0.066 | 20 | 26 | 0.39 | 284 | 0.022 | 0 | 2.25 | 0.004 | 0.07 | 0 | 0.04 | 3.5 | 0.3 | 0 | 9 | 0.8 | 0 |
| L22N/250E | 6162799 | 348250 | 15-Oct | B | yel brn | 40 | clayey | Gavin/Kevin | L22N 250E | 2 | 23.3 | 8.6 | 53 | 0.1 | 29 | 6.1 | 280 | 2.94 | 11.2 | 5.6 | 1.7 | 9 | 0.2 | 0.7 | 0.2 | 59 | 0.11 | 0.043 | 14 | 58 | 0.56 | 94 | 0.048 | 0 | 1.76 | 0.001 | 0.06 | 0 | 0.43 | 3.7 | 0.2 | 0 | 6 | 0 | 0 |
| L22N/2550W | 6162786 | 345449 | 12-Oct | C | brn | 30 | | Jacques/Radio | L22N 2550W | 24.1 | 368 | 24.7 | 703 | 1 | 99 | 31.7 | 7879 | 4.39 | 8 | 2.8 | 1.1 | 130 | 5.9 | 0.7 | 0.4 | 55 | 0.71 | 0.158 | 45 | 39 | 0.48 | 327 | 0.012 | 0 | 3.85 | 0.007 | 0.1 | 0 | 0.17 | 2.8 | 1.2 | 0 | 7 | 3.3 | 0 |
| L22N/2600W | 6162791 | 345399 | 12-Oct | C | brn | 25 | | Jacques/Radio | L22N 2600W | 6.3 | 75.4 | 11.2 | 222 | 0 | 32.3 | 7.3 | 749 | 2.84 | 3 | 0 | 0.8 | 59 | 1.4 | 0.6 | 0.3 | 48 | 0.38 | 0.054 | 21 | 20 | 0.58 | 483 | 0.007 | 0 | 1.83 | 0.003 | 0.07 | 0 | 0.06 | 2.3 | 0.2 | 0 | 7 | 1.2 | 0 |
| L22N/2650W | 6162788 | 345347 | 12-Oct | C | brn | 25 | | Jacques/Radio | L22N 2650W | 3 | 28.5 | 6.6 | 87 | 0.4 | 15 | 4.1 | 215 | 1.92 | 2.2 | 0 | 1.2 | 8 | 0.3 | 0.3 | 0.2 | 41 | 0.09 | 0.022 | 16 | 20 | 0.47 | 86 | 0.018 | 0 | 1.57 | 0.001 | 0.06 | 0 | 0.04 | 2.9 | 0.2 | 0 | 6 | 0 | 0 |
| L22N/2700W | 6162789 | 345296 | 12-Oct | C | brn | 25 | | Jacques/Radio | L22N 2700W | 2.2 | 5.5 | 7.5 | 21 | 0 | 3.2 | 1.3 | 78 | 0.55 | 1.2 | 0 | 1.5 | 9 | 0 | 0.5 | 0.2 | 51 | 0.11 | 0.014 | 27 | 12 | 0.14 | 149 | 0.074 | 0 | 1.15 | 0.004 | 0.06 | 0 | 0.02 | 1.9 | 0.3 | 0 | 8 | 0 | 0 |
| L22N/2750W | 6162790 | 345245 | 12-Oct | C | brn | 25 | | Jacques/Radio | L22N 2750W | 4.3 | 56.4 | 11.9 | 187 | 0.3 | 28.6 | 12.7 | 1235 | 3.26 | 7.6 | 0.9 | 0.5 | 54 | 1.1 | 0.8 | 0.3 | 48 | 0.74 | 0.111 | 17 | 37 | 0.53 | 304 | 0.014 | 0 | 2 | 0.004 | 0.11 | 0 | 0.12 | 3.2 | 0.2 | 0 | 6 | 1.2 | 0 |
| L22N/2800W | 6162797 | 345199 | 12-Oct | C | brn | 25 | | Jacques/Radio | L22N 2800W | 1.9 | 16.6 | 8.5 | 39 | 0.2 | 7.5 | 3.3 | 195 | 2.19 | 4.3 | 0 | 0.4 | 7 | 0.2 | 0.6 | 0.2 | 77 | 0.31 | 0.047 | 12 | 18 | 0.24 | 93 | 0.068 | 0 | 1.37 | 0.004 | 0.06 | 0 | 0.12 | 2 | 0.1 | 0 | 9 | 0 | 0 |
| L22N/2850W | 6162794 | 345147 | 12-Oct | B | brn | 25 | | Jacques/Radio | L22N 2850W | 2.9 | 51.2 | 10.9 | 116 | 0.3 | 15.3 | 11.3 | 1949 | 3.03 | 6.1 | 1.5 | 0.2 | 14 | 0.4 | 0.5 | 0.2 | 54 | 0.29 | 0.109 | 16 | 26 | 0.41 | 229 | 0.014 | 0 | 2.17 | 0.006 | 0.09 | 0 | 0.07 | 2.6 | 0.2 | 0 | 7 | 1 | 0 |
| L22N/2900W | 6162799 | 345098 | 12-Oct | C | brn | 30 | | Jacques/Radio | L22N 2900W | 6 | 192.4 | 20.6 | 252 | 0.8 | 72.7 | 24 | 4647 | 4.66 | 9.9 | 4 | 2.2 | 88 | 2.6 | 1.1 | 0.3 | 65 | 0.91 | 0.168 | 22 | 45 | 0.89 | 759 | 0.01 | 0 | 4.14 | 0.008 | 0.21 | 0 | 0.25 | 8.1 | 0.5 | 0 | 9 | 1.9 | 0 |
| L22N/2950W | 6162801 | 345051 | 12-Oct | B | brn | 30 | | Jacques/Radio | L22N 2950W | 4.3 | 60.9 | 9.1 | 248 | 0.3 | 25.9 | 13.5 | 3393 | 3.92 | 5.7 | 0.7 | 1.6 | 28 | 1 | 0.5 | 0.2 | 63 | 0.4 | 0.088 | 16 | 30 | 0.47 | 447 | 0.037 | 0 | 2.99 | 0.006 | 0.08 | 0 | 0.13 | 5.1 | 0.3 | 0 | 9 | 0.9 | 0 |
| L22N/3000W | 6162801 | 345001 | 12-Oct | C | brn | 25 | | Jacques/Radio | L22N 3000W | 9.8 | 94.2 | 19.5 | 180 | 0.2 | 32.8 | 20.2 | 2400 | 3.33 | 8.8 | 1.5 | 1.8 | 19 | 0.4 | 0.8 | 0.4 | 34 | 0.17 | 0.096 | 17 | 14 | 0.14 | 430 | 0.003 | 0 | 1.39 | 0.005 | 0.09 | 0 | 0.12 | 3.2 | 0.2 | 0 | 4 | 1 | 0 |
| L22N/300E | 6162804 | 348303 | 15-Oct | B | lt brn | 25 | | Gavin/Kevin | L22N 300E | 1.9 | 19.1 | 8 | 71 | 0.2 | 34.7 | 6.9 | 394 | 2.73 | 8.9 | 1.8 | 1.5 | 10 | 0.2 | 0.7 | 0.1 | 51 | 0.12 | 0.053 | 15 | 59 | 0.74 | 132 | 0.038 | 0 | 1.77 | 0.003 | 0.11 | 0 | 0.19 | 3.4 | 0.2 | 0 | 6 | 0 | 0 |
| L22N/350E | 6162809 | 348345 | 15-Oct | B | lt brn | 35 | | Gavin/Kevin | L22N 350E | 2.6 | 43.1 | 11.8 | 115 | 0.2 | 70.9 | 9.9 | 466 | 4.09 | 18.8 | 2.1 | 1.7 | 10 | 0.6 | 1 | 0.2 | 66 | 0.16 | 0.092 | 11 | 89 | 0.87 | 129 | 0.035 | 0 | 2.14 | 0.002 | 0.09 | 0 | 0.56 | 4.3 | 0.2 | 0 | 7 | 0 | 0 |
| L22N/400E | 6162799 | 348402 | 15-Oct | B | lt oj brn | 35 | | Gavin/Kevin | L22N 400E | 2.5 | 21.8 | 12 | 72 | 0.1 | 31.1 | 7 | 383 | 4.32 | 21 | 0.9 | 1.2 | 8 | 0.3 | 1.1 | 0.2 | 66 | 0.1 | 0.112 | 12 | 66 | 0.53 | 79 | 0.054 | 0 | 1.72 | 0.003 | 0.06 | 0 | 1.25 | 3.6 | 0.2 | 0 | 6 | 0 | 0 |
| L22N/450E | 6162796 | 348452 | 15-Oct | B | oj brn | 30 | | Gavin/Kevin | L22N 450E | 1.4 | 11.9 | 7.3 | 52 | 0.2 | 17.5 | 3.5 | 207 | 2.64 | 10.2 | 0 | 1.2 | 8 | 0.2 | 0.5 | 0 | 67 | 0.12 | 0.048 | 10 | 53 | 0.3 | 50 | 0.068 | 0 | 1.42 | 0.003 | 0.03 | 0 | 0.27 | 3.7 | 0.1 | 0 | 7 | 0 | 0 |
| L22N/500E | 6162785 | 348502 | 15-Oct | B | oj brn | 40 | | Gavin/Kevin | L22N 500E | 2.3 | 27.9 | 9.7 | 77 | 0.3 | 27.5 | 6.5 | 210 | 3.56 | 24.2 | 2 | 1.7 | 10 | 0.3 | 0.9 | 0.1 | 61 | 0.11 | 0.071 | 10 | 73 | 0.41 | 94 | 0.032 | 0 | 1.75 | 0.004 | 0.07 | 0 | 1.09 | 3.8 | 0.1 | 0 | 6 | 0 | 0 |
| L22N/50W | 6162788 | 347947 | 15-Oct | B | brn | 35 | clayey | Gavin/Kevin | L22N 50W | 3.3 | 41.5 | 12.8 | 90 | 0.5 | 45.3 | 10.9 | 366 | 2.89 | 15.3 | 3.5 | 0.4 | 16 | 0.4 | 0.8 | 0.2 | 48 | 0.23 | 0.042 | 17 | 62 | 0.61 | 221 | 0.023 | 0 | 1.97 | 0.004 | 0.09 | 0 | 0.25 | 2.7 | 0.2 | 0 | 6 | 0 | 0 |
| L22N/550E | 6162799 | 348554 | 15-Oct | B | lt brn | 40 | | Gavin/Kevin | L22N 550E | 1.6 | 29.3 | 6.7 | 73 | 0.4 | 68.9 | 11.2 | 294 | 3.46 | 17 | 1.7 | 1.7 | 13 | 0.4 | 0.7 | 0 | 63 | 0.26 | 0.094 | 7 | 153 | 0.79 | 92 | 0.063 | 0 | 1.44 | 0.005 | 0.05 | 0 | 0.12 | 4 | 0 | 0 | 5 | 0 | 0 |
| L22N/600E | 6162799 | 348602 | 15-Oct | B | oj brn | 35 | | Gavin/Kevin | L22N 600E | 1.4 | 25.2 | 4.2 | 61 | 0.1 | 79.1 | 9.7 | 259 | 3.28 | 10.5 | 2.7 | 1.5 | 11 | 0.3 | 0.6 | 0 | 52 | 0.2 | 0.085 | 7 | 124 | 0.82 | 110 | 0.067 | 0 | 1.33 | 0.003 | 0.04 | 0 | 0.26 | 3.4 | 0 | 0 | 4 | 0 | 0 |
| L22N/650E | 6162803 | 348644 | 15-Oct | B | lt oj brn | 40 | | Gavin/Kevin | L22N 650E | 2 | 22.2 | 5.7 | 64 | 0 | 53.5 | 8.4 | 260 | 3.1 | 8.9 | 0 | 1.4 | 10 | 0.3 | 0.6 | 0 | 66 | 0.19 | 0.122 | 7 | 125 | 0.62 | 100 | 0.075 | 0 | 1.82 | 0.003 | 0.04 | 0 | 0.1 | 3.8 | 0 | 0 | 6 | 0 | 0 |
| L22N/700E | 6162799 | 348697 | 15-Oct | B | lt oj brn | 35 | | Gavin/Kevin | L22N 700E | 1.8 | 31 | 8.6 | 70 | 0.3 | 43.2 | 7.7 | 308 | 3.93 | 20.2 | 0 | 1.8 | 10 | 0.4 | 1.9 | 0.2 | 65 | 0.19 | 0.28 | 7 | 109 | 0.62 | 88 | 0.052 | 0 | 1.67 | 0.005 | 0.05 | 0 | 1.01 | 4.1 | 0.2 | 0 | 6 | 0 | 0 |
| L22N/750E | 6162796 | 348751 | 15-Oct | B/C | grey | 40 | Clay. Next to Marsh | Gavin/Kevin | L22N 750E | 0.6 | 34 | 13.4 | 101 | 0.3 | 51.2 | 9.8 | 258 | 2.53 | 26.8 | 4.5 | 2 | 10 | 0.3 | 2.3 | 0.2 | 43 | 0.18 | 0.043 | 19 | 62 | 0.68 | 284 | 0.024 | 0 | 1.74 | 0.006 | 0.06 | 0 | 2.12 | 4.5 | 0.5 | 0 | 5 | 0 | 0 |
| L22N/800E | 6162800 | 348802 | 07-Sep | N/S | | | Marsh | Gavin/Kevin | L22N 800E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L22N/850E | 6162800 | 348851 | 07-Sep | N/S | | | Marsh | Gavin/Kevin | L22N 850E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L22N/900E | 6162799 | 348901 | 07-Sep | N/S | | | Marsh | Gavin/Kevin | L22N 900E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L22N/950E | 6162801 | 348953 | 07-Sep | N/S | | | Marsh | Gavin/Kevin | L22N 950E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L23S/1000W | 6158399 | 346999 | 24-Aug | B | oj brn | 30 | Wht A horiz above B | Gavin/Radio | L23S 1000W | 1.9 | 19.4 | 4 | 59 | 0.3 | 14.5 | 3.7 | 148 | 1.65 | 2.9 | 0.8 | 2 | 4 | 0.2 | 0.4 | 0.1 | 24 | 0.05 | 0.049 | 12 | 20 | 0.31 | 70 | 0.021 | 0 | 1.11 | 0.002 | 0.03 | 0 | 0.04 | 1.7 | 0 | 0 | 3 | 0 | 0 |
| L23S/1050W | 6158404 | 346951 | 24-Aug | B | lt grey | 35 | 15cm thick lt grey A horiz above B | Gavin/Radio | L23S 1050W | 1.1 | 4.7 | 4.6 | 22 | 0 | 5.6 | 1.7 | 91 | 0.77 | 1.5 | 1.7 | 1.5 | 5 | 0 | 0.2 | 0.1 | 18 | 0.06 | 0.017 | 18 | 11 | 0.17 | 83 | 0.025 | 0 | 0.53 | 0.004 | 0.05 | 0 | 0 | 0.9 | 0 | 0 | 3 | 0 | 0 |
| L23S/1100W | 6158399 | 346902 | 24-Aug | B | oj brn | 35 | | Gavin/Radio | L23S 1100W | 10.1 | 59.4 | 15.2 | 143 | 0.3 | 32.5 | 13.1 | 286 | 4.23 | 14.4 | 0.7 | 3.7 | 11 | 0.9 | 1.6 | 0.4 | 34 | 0.04 | 0.12 | 24 | 19 | 0.15 | 133 | 0.012 | 0 | 0.86 | 0.002 | 0.08 | 0 | 0.04 | 3.6 | 0.1 | 0 | 4 | 0.6 | 0 |
| L23S/1150W | 6158400 | 346851 | 24-Aug | B | lt oj brn | 30 | Very pale colour, next to OCG01 | Gavin/Radio | L23S 1150W | 1.6 | 26 | 5.2 | 64 | 0.1 | 18.1 | 5 | 191 | 1.93 | 3.8 | 1.8 | 2.4 | 6 | 0.1 | 0.4 | 0.1 | 31 | 0.07 | 0.067 | 13 | 24 | 0.38 | 116 | 0.025 | 0 | 1.42 | 0.002 | 0.04 | 0 | 0.02 | 2.4 | 0 | 0 | 4 | 0 | 0 |
| L23S/1200W | 6158399 | 346801 | 24-Aug | B | lt brn | 30 | | Gavin/Radio | L23S 1200W | 1.5 | 7.8 | 5.2 | 29 | 0 | 9.1 | 2.7 | 132 | 1.2 | 2 | 2.1 | 1.1 | 5 | 0 | 0.3 | 0.1 | 32 | 0.08 | 0.017 | 13 | 16 | 0.28 | 142 | 0.045 | 0 | 0.83 | 0.002 | 0.05 | 0 | 0 | 1.4 | 0 | 0 | 4 | 0 | 0 |
| L23S/1250W | 6158393 | 346757 | 24-Aug | B | lt brn | 25 | | Gavin/Radio | L23S 1250W | 1.7 | 22.9 | 6.2 | 76 | 0.2 | 15.9 | 5.2 | 225 | 2.27 | 3.8 | 0.9 | 1.9 | 5 | 0.1 | 0.4 | 0.1 | 43 | 0.06 | 0.101 | 12 | 30 | 0.42 | 89 | 0.023 | 0 | 1.68 | 0.002 | 0.04 | 0 | 0.05 | 3.1 | 0.1 | 0 | 5 | 0 | 0 |
| L23S/1300W | 6158400 | 346702 | 24-Aug | B | lt oj brn | 20 | Very pale colour, silty, on old road? With | Gavin/Radio | L23S 1300W | 1.3 | 9.9 | 5.7 | 29 | 0 | 8.5 | 2.8 | 131 | 1.73 | 3.1 | 0.6 | 1.7 | 5 | 0 | 0.3 | 0.1 | 45 | 0.07 | 0.038 | 13 | 19 | 0.22 | 40 | 0.06 | 0 | 1.04 | 0.002 | 0.03 | 0 | 0.02 | 2 | 0 | 0 | 5 | 0 | 0 |
| L23S/1350W | 6158397 | 346653 | 24-Aug | B | oj brn | 30 | Wht A horiz above B | Gavin/Radio | L23S 1350W | 1.4 | 10.6 | 5.4 | 55 | 0 | 10.2 | 3.4 | 145 | 1.93 | 2.8 | 0 | 1.6 | 5 | 0 | 0.3 | 0.1 | 41 | 0.08 | 0.073 | 11 | 24 | 0.26 | 69 | 0.057 | 0 | 1.68 | 0.003 | 0.03 | 0 | 0.02 | 2.6 | 0 | 0 | 5 | 0 | 0 |
| L23S/1400W | 6158398 | 346603 | 24-Aug | B | lt brn | 30 | | Gavin/Radio | L23S 1400W | 2.4 | 28.7 | 7 | 129 | 0 | 30 | 12.6 | 641 | 2.42 | 4.9 | 0.7 | 1.5 | 17 | 0.3 | 0.5 | 0.2 | 49 | 0.26 | 0.038 | 12 | 48 | 0.49 | 381 | 0.013 | 0 | 1.62 | 0.003 | 0.06 | 0 | 0.02 | 3.6 | 0.2 | 0 | 5 | 0 | 0 |
| L23S/1450W | 6158398 | 346554 | 24-Aug | B | lt brn | 35 | | Gavin/Radio | L23S 1450W | 1.7 | 25 | 4.8 | 77 | 0.1 | 19.1 | 4.5 | 186 | 2 | 2.9 | 1 | 1.7 | 7 | 0.2 | 0.3 | 0.1 | 31 | 0.09 | 0.076 | 11 | 24 | 0.36 | 119 | 0.023 | 0 | 1.41 | 0.003 | 0.06 | 0 | 0.03 | 2.3 | 0 | 0 | 4 | 0 | 0 |
| L23S/1500W | 6158401 | 346501 | 24-Aug | B | lt brn | 35 | | Gavin/Radio | L23S 1500W | 1.7 | 28.4 | 4.9 | 70 | 0.1 | 19.6 | 6.6 | 242 | 2.04 | 3.6 | 0.8 | 1 | 10 | 0.3 | 0.4 | 0.2 | 34 | 0.13 | 0.021 | 13 | 24 | 0.41 | 236 | 0.024 | 0 | 1.25 | 0.002 | 0.06 | 0 | 0.03 | 2.3 | 0 | 0 | 4 | 0 | 0 |
| L23S/1550W | 6158399 | 346450 | 24-Aug | B | oj brn | 35 | Wht A horiz above B | Gavin/Radio | L23S 1550W | 1.4 | 12.7 | 5.4 | 77 | 0 | 11 | 3.6 | 159 | 1.46 | 2.6 | 3.8 | 1.1 | 10 | 0.2 | 0.2 | 0.1 | 32 | 0.15 | 0.02 | 13 | 18 | 0.31 | 155 | 0.027 | 0 | 1.01 | 0.002 | 0.05 | 0 | 0.01 | 1.7 | 0 | 0 | 4 | 0 | 0 |
| L23S/1600W | 6158400 | 346405 | 24-Aug | B | oj brn | 35 | Wht A horiz above B | Gavin/Radio | L23S 1600W | 2.1 | 27.9 | 5.2 | 72 | 0 | 17.6 | 5.1 | 185 | 2.26 | 5.6 | 1.7 | 2 | 5 | 0.2 | 0.5 | 0.1 | 29 | 0.07 | 0.1 | 11 | 21 | 0.32 | 97 | 0.026 | 0 | 1.31 | 0.002 | 0.04 | 0 | 0.03 | 1.9 | 0 | 0 | 3 | 0 | 0 |
| L23S/1650W | 6158402 | 346354 | 24-Aug | B | oj brn | 30 | Wht A horiz above B | Gavin/Radio | L23S 1650W | 2.2 | 21.9 | 4.1 | 56 | 0 | 15.6 | 4.1 | 211 | 1.98 | 3.7 | 1.3 | 1.2 | 6 | 0.2 | 0.3 | 0.1 | 30 | 0.1 | 0.051 | 14 | 20 | 0.35 | 121 | 0.025 | 0 | 1.06 | 0.003 | 0.06 | 0 | 0.01 | 1.8 | 0 | 0 | 4 | 0 | 0 |
| L23S/1700W | 6158388 | 346304 | 24-Aug | B | lt grey | 50 | Clayey | Gavin/Radio | L23S 1700W | 2 | 39.6 | 5.9 | 57 | 0 | 22.8 | 10.1 | 388 | 1.97 | 4.2 | 2.3 | 1.4 | 20 | 0.2 | 0.6 | 0.1 | 30 | 0.29 | 0.048 | 15 | 19 | 0.4 | 148 | 0.038 | 0 | 0.86 | 0.003 | 0.06 | 0 | 0.05 | 2.6 | 0 | 0 | 3 | 0 | 0 |
| L23S/1750W | 6158407 | 346250 | 24-Aug | B | lt brn | 35 | Some A contamination, swampy | Gavin/Radio | L23S 1750W | 3.3 | 16.4 | 7.3 | 48 | 0 | 12.2 | 4.3 | 355 | 2.23 | 4 | 0.8 | 1.2 | 47 | 0.3 | 0.4 | 0.2 | 41 | 0.64 | 0.022 | 10 | 18 | 0.29 | 292 | 0.05 | 0 | 0.92 | 0.004 | 0.06 | 0 | 0.03 | 1.8 | 0 | 0 | 5 | 0 | 0 |
| L23S/1800W | 6158399 | 346201 | 24-Aug | B | lt brn | 30 | Some A contamination, swampy | Gavin/Radio | L23S 1800W | 3.3 | 39.5 | 8.7 | 77 | 0.2 | 21.2 | 12.2 | 1241 | 2.41 | 5.1 | 2.1 | 0.9 | 54 | 0.6 | 0.5 | 0.3 | 41 | 0.7 | 0.041 | 10 | 22 | 0.32 | 223 | 0.018 | 0 | 1.13 | 0.005 | 0.06 | 0 | 0.06 | 2.5 | 0.1 | 0 | 4 | 0 | 0 |
| L23S/200W | 6158399 | 347801 | 24-Aug | B/C | lt brn | 30 | | Gavin/Radio | L23S 200W | 1.6 | 5.4 | 5.1 | 22 | 0 | 4.1 | 1.3 | 58 | 1.05 | 3.4 | 3.1 | 1.1 | 5 | 0 | 0.3 | 0.1 | 29 | 0.05 | 0.015 | 11 | 14 | 0.08 | 109 | 0.039 | 0 | 0.67 | 0.002 | 0.02 | 0 | 0.01 | 1 | 0 | 0 | 3 | 0 | 0 |
| L23S/250W | 6158399 | 347753 | 24-Aug | B | oj brn | 25 | | Gavin/Radio | L23S 250W | 3.1 | 30.1 | 8.6 | 91 | 0.3 | 22 | 5.9 | 467 | 3.82 | 9.2 | 1.9 | 1.1 | 8 | 0.3 | 0.8 | 0.3 | 60 | 0.19 | 0.276 | 7 | 44 | 0.25 | 117 | 0.038 | 0 | 1.55 | 0.002 | 0.04 | 0 | 0.09 | 2.5 | 0 | 0 | 6 | 0.7 | 0 |
| L23S/300W | 6158402 | 347708 | 24-Aug | B | brn | 30 | | Gavin/Radio | L23S 300W | 3.7 | 43.3 | 7.5 | 65 | 0.4 | 19.3 | 7.4 | 1011 | 2.04 | 4.6 | 1.5 | 0.3 | 55 | 0.5 | 0.6 | 0.2 | 44 | 0.68 | 0.048 | 19 | 42 | 0.34 | 357 | 0.028 | 0 | 1.3 | 0.004 | 0.04 | 0 | 0.09 | 2.8 | 0.1 | 0 | 5 | 1.3 | 0 |
| L23S/350W | 6158400 | 347654 | 24-Aug | B | lt brn | 15 | | Gavin/Radio | L23S 350W | 6.3 | 37.4 | 8.2 | 59 | 0.1 | 17.8 | 5.4 | 190 | 2.76 | 9.4 | 1.4 | 1.2 | 5 | 0.2 | 1.2 | 0.3 | 56 | 0.06 | 0.044 | 11 | 22 | 0.19 | 69 | 0.047 | 0 | 0.81 | 0.002 | 0.03 | 0 | 0.05 | 2.3 | 0.1 | 0 | 5 | 0.7 | 0 |
| L23S/400W | 6158419 | 347600 | 24-Aug | N/S | | | Would be in middle of lake | Gavin/Radio | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L23S/450W | 6158428 | 347559 | 24-Aug | B/C | brn | 35 | Moved N away from lake | Gavin/Radio | L23S 450W | 3.7 | 30.7 | 7.3 | 49 | 0.2 | 21.6 | 7.3 | 243 | 3 | 9.8 | 1.2 | 1.3 | 31 | 0.5 | 0.9 | 0.2 | 45 | 0.37 | 0.03 | 8 | 34 | 0.34 | 178 | 0.049 | 0 | 1.24 | 0.003 | 0.05 | 0 | 0.04 | 2.5 | 0 | 0 | 4 | 0.8 | 0 |
| L23S/500W | 6158430 | 347507 | 24-Aug | B | oj | 25 | Moved N away from marshy area | Gavin/Radio | L23S 500W | 3.4 | 22 | 8.3 | 65 | 0.2 | 15.4 | 5.7 | 169 | 3.48 | 9 | 1.6 | 1.6 | 4 | 0.2 | 0.8 | 0.2 | 59 | 0.04 | 0.088 | 7 | 33 | 0.19 | 84 | 0.062 | 0 | 1.58 | 0.002 | 0.03 | 0 | 0.04 | 2.7 | 0 | 0 | 6 | 0 | 0 |
| L23S/550W | 6158414 | 347454 | 24-Aug | B | oj | 20 | Moved N away from marshy area | Gavin/Radio | L23S 550W | 2.2 | 14.3 | 7.8 | 51 | 0.4 | 10.6 | 3.6 | 150 | 2.65 | 6 | 0 | 1.7 | 6 | 0.1 | 0.5 | 0.2 | 56 | 0.06 | 0.067 | 9 | 25 | 0.16 | 139 | 0.063 | 0 | 1.22 | 0.003 | 0.03 | 0 | 0.05 | 2.3 | 0 | 0 | 6 | 0 | 0 |
| L23S/600W | 6158396 | 347401 | 24-Aug | B | lt brn | 30 | rocky | Gavin/Radio | L23S 600W | 2.7 | 107.1 | 11.4 | 125 | 0.1 | 41.6 | 11.2 | 462 | 4.8 | 2.6 | 1 | 8.9 | 9 | 0.3 | 0.3 | 0.7 | 26 | 0.04 | 0.051 | 47 | 21 | 0.92 | 135 | 0 | 0 | 1.57 | 0.001 | 0.09 | 0 | 0.03 | 2.4 | 0 | 0 | 6 | 0 | 0 |
| L23S/650W | 6158399 | 347355 | 24-Aug | B | brn | 40 | | Gavin/Radio | L23S 650W | 15.4 | 112.3 | 11.9 | 99 | 0.2 | 66.1 | 128 | >10000 | 15.57 | 9.3 | 7.6 | 3.3 | 56 | 0.6 | 1.5 | 0.4 | 16 | 0.23 | 0.043 | 10 | 11 | 0.07 | 2561 | 0.002 | 0 | 0.6 | 0 | 0.07 | 0 | 0.13 | 2.7 | 0.1 | 0 | 0 | 3.8 | 0.2 |
| L23S/700W | 6158399 | 347293 | 24-Aug | N/S | | | A->water | Gavin/Radio | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L23S/750W | 6158406 | 347245 | 24-Aug | B | lt brn | 35 | | Gavin/Radio | L23S 750W | 1.4 | 20.7 | 6.3 | 49 | 0.2 | 14.5 | 7.1 | 275 | 1.77 | 2.4 | 1.3 | 0.9 | 15 | 0.2 | 0.2 | 0.1 | 42 | 0.19 | 0.029 | 12 | 26 | 0.28 | 193 | 0.028 | 0 | 1.2 | 0.003 | 0.04 | 0 | 0.02 | 2.7 | 0 | 0 | 5 | 0 | 0 |
| L23S/800W | 6158405 | 347206 | 24-Aug | B | lt grey | 50 | Next to small crk | Gavin/Radio | L23S 800W | 0.9 | 22.2 | 7.9 | 63 | 0.2 | 21.8 | 12.1 | 344 | 2.66 | 2 | 0.7 | 1.2 | 21 | 0.6 | 0.1 | 0.2 | 65 | 0.45 | 0.034 | 9 | 44 | 0.84 | 347 | 0.068 | 0 | 1.8 | 0.006 | 0.06 | 0 | 0.05 | 4.3 | 0 | 0 | 7 | 0 | 0 |
| L23S/850W | 6158412 | 347151 | 24-Aug | C | grey | 50 | clayey, some brn B, but is thin horizon | Gavin/Radio | L23S 850W | 4.4 | 62.5 | 12 | 120 | 0.5 | 43.1 | 12.9 | 301 | 3.11 | 7.4 | 6.8 | 3.5 | 35 | 0.2 | 0.5 | 0.4 | 37 | 0.33 | 0.053 | 23 | 24 | 0.4 | 442 | 0.003 | 0 | 1.82 | 0.003 | 0.08 | 0 | 0.1 | 3.7 | 0.2 | 0 | 4 | 0 | 0 |
| L23S/900W | 6158398 | 347102 | 24-Aug | B | lt brn | 30 | Chunks of barren Qz in soil | Gavin/Radio | L23S 900W | 1.1 | 22.4 | 3.5 | 47 | 0 | 16.4 | 4.5 | 205 | 1.28 | 2.5 | 1.4 | 0.6 | 9 | 0.2 | 0.3 | 0 | 22 | 0.13 | 0.049 | 11 | 18 | 0.31 | 115 | 0.018 | 0 | 0.76 | 0.002 | 0.04 | 0 | 0.02 | 1.6 | 0 | 0 | 2 | 0 | 0 |
| L23S/950W | 6158404 | 347055 | 24-Aug | B | lt brn | 40 | Lt grey A horiz ~5cm | Gavin/Radio | L23S 950W | 2.1 | 27 | 4.2 | 57 | 0 | 12.7 | 3.9 | 151 | 1.92 | 4.7 | 0 | 1.4 | 5 | 0.2 | 0.5 | 0.1 | 35 | 0.07 | 0.049 | 12 | 19 | 0.25 | 43 | 0.061 | 0 | 0.66 | 0 | 0.04 | 0 | 0.02 | 1.7 | 0 | 0 | 4 | 0 | 0 |
| L24N/0W | 6163006 | 347999 | 05-Sep | B | oj brn | 30 | | Gavin/Kevin | L24N00W | 2.9 | 33 | 10.6 | 79 | 0.2 | 35.5 | 8.6 | 493 | 4 | 16.1 | 1.2 | 1.6 | 7 | 0.3 | 2.5 | 0.2 | 54 | 0.07 | 0.09 | 11 | 54 | 0.63 | 84 | 0.033 | 0 | 1.63 | 0.004 | 0.06 | 0 | 0.13 | 3.1 | 0.1 | 0 | 5 | 0 | 0 |
| L24N/1000E | 6163000 | 349008 | 07-Sep | N/S | | | Marsh | Gavin/Kevin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L24N/100E | 6163001 | 348101 | 05-Sep | B | yel brn | 35 | | Gavin/Kevin | L24N100E | 2.3 | 21.5 | 8.9 | 63 | 0.2 | 25.4 | 6.5 | 333 | 3.13 | 9.5 | 0.9 | 1.3 | 6 | 0.2 | 1.6 | 0.2 | 52 | 0.07 | 0.056 | 11 | 49 | 0.54 | 90 | 0.032 | 0 | 1.86 | 0.003 | 0.06 | 0 | 0.12 | 2.8 | 0.2 | 0 | 7 | 0.7 | 0 |
| L24N/100W | 6163001 | 347907 | 05-Sep | B | grey | 30 | | Gavin/Kevin | L24N100W | 3.6 | 31.1 | 12.9 | 90 | 0.5 | 37.3 | 12.3 | 642 | 2.9 | 16.1 | 2.5 | 0.2 | 14 | 0.3 | 1.9 | 0.3 | 47 | 0.19 | 0.073 | 14 | 53 | 0.66 | 277 | 0.014 | 0 | 1.64 | 0.004 | 0.09 | 0 | 0.32 | 1.9 | 0.1 | 0 | 5 | 0 | 0 |
| L24N/1050E | 6163002 | 349045 | 07-Sep | B | lt grey | 35 | | Gavin/Kevin | L24N1050E | 2.3 | 33.5 | 7.1 | 69 | 0 | 46.8 | 12.1 | 514 | 2.76 | 9.1 | 2.9 | 2 | 38 | 0.3 | 1.1 | 0.2 | 33 | 0.28 | 0.068 | 11 | 55 | 0.7 | 156 | 0.035 | 0 | 1.06 | 0.004 | 0.07 | 0 | 0.2 | 3.1 | 0 | 0 | 3 | 0 | 0 |
| L24N/1100E | 6163000 | 349100 | 07-Sep | B | lt brn | 40 | | Gavin/Kevin | L24N1100E | 1.6 | 20.3 | 6.5 | 53 | 0 | 26.2 | 5.8 | 410 | 1.9 | 5 | 0 | 0.5 | 48 | 0.2 | 0.8 | 0.3 | 34 | 0.27 | 0.061 | 10 | 43 | 0.42 | 202 | 0.029 | 0 | 0.79 | 0.004 | 0.07 | 0.2 | 0.14 | 1.6 | 0 | 0 | 3 | 0 | 0 |
| L24N/150E | 6163004 | 348153 | 05-Sep | B | lt yel | 45 | | Gavin/Kevin | L24N150E | 1.8 | 17.6 | 6.6 | 42 | 0.2 | 25.4 | 4.6 | 202 | 2.06 | 10.9 | 2 | 0.5 | 7 | 0.3 | 1.5 | 0.1 | 34 | 0.1 | 0.048 | 10 | 48 | 0.47 | 83 | 0.035 | 0 | 1.19 | 0.003 | 0.04 | 0 | 0.48 | 1.7 | 0 | 0 | 4 | 0 | 0 |
| L24N/150W | 6162996 | 347850 | 05-Sep | B | lt brn | 15 | | Gavin/Kevin | L24N150W | 3.1 | 30.1 | 9 | 88 | 0.2 | 33.3 | 10.2 | 873 | 2.66 | 10.7 | 1.9 | 0.2 | 17 | 0.6 | 1.5 | 0.2 | 41 | 0.25 | 0.069 | 15 | 49 | 0.62 | 423 | 0.014 | 0 | 1.53 | 0.005 | 0.1 | 0 | 0.18 | 1.9 | 0.2 | 0 | 5 | 0.5 | 0 |
| L24N/2000W | 6163000 | 346000 | 30-Aug | B | oj brn | 30 | | Gavin | L24N 2000W | 6.9 | 40.8 | 12.7 | 69 | 0.3 | 12.3 | 4.4 | 285 | 2.96 | 10.2 | 2.1 | 0.2 | 8 | 0.2 | 2.3 | 0.5 | 52 | 0.08 | 0.059 | 15 | 14 | 0.15 | 89 | 0.022 | 0 | 0.99 | 0.002 | 0.08 | 0 | 0.08 | 1.2 | 0.2 | 0 | 6 | 0.9 | 0 |
| L24N/200E | 6162993 | 348206 | 05-Sep | B | lt brn | 35 | | Gavin/Kevin | L24N200E | 1.7 | 15.5 | 7.6 | 45 | 0.3 | 19.2 | 4.6 | 336 | 1.83 | 7 | 0.6 | 0.5 | 9 | 0.2 | 1.2 | 0.2 | 43 | 0.12 | 0.031 | 12 | 39 | 0.41 | 143 | 0.05 | 0 | 1.13 | 0.004 | 0.07 | 0 | 0.3 | 1.7 | 0 | 0 | 5 | 0 | 0 |
| L24N/200W | 6163000 | 347800 | 05-Sep | B | lt brn | 35 | | Gavin/Kevin | L24N200W | 3.1 | 33.7 | 10.2 | 88 | 0.2 | 37.1 | 7.9 | 423 | 3.68 | 15.2 | 4.8 | 0.4 | 11 | 0.4 | 2.1 | 0.2 | 44 | 0.16 | 0.04 | 12 | 52 | 0.68 | 198 | 0.022 | 0 | 1.78 | 0.004 | 0.08 | 0 | 0.4 | 2.2 | 0.1 | 0 | 5 | 0.8 | 0 |
| L24N/2050W | 6163001 | 345951 | 30-Aug | B | oj brn | 25 | | Gavin | L24N 2050W | 8.1 | 71.8 | 20.9 | 174 | 0.4 | 18.7 | 19 | 1224 | 4.35 | 14.8 | 1.6 | 0.5 | 59 | 0.5 | 1.8 | 0.5 | 50 | 0.53 | 0.109 | 16 | 21 | 0.38 | 335 | 0.007 | 0 | 1.8 | 0.003 | 0.1 | 0 | 0.07 | 1.8 | 0.2 | 0 | 7 | 0.9 | 0 |
| L24N/2100W | 6163003 | 345899 | 30-Aug | B | oj | 35 | | Gavin | L24N 2100W | 5.5 | 40.9 | 29.5 | 187 | 0.8 | 23.7 | 9 | 589 | 6.92 | 20.5 | 2.4 | 2.6 | 11 | 1.6 | 3.9 | 0.4 | 119 | 0.52 | 0.428 | 15 | 50 | 0.66 | 376 | 0.015 | 0 | 3.62 | 0.002 | 0.03 | 0 | 0.07 | 4.9 | 0.1 | 0 | 8 | 0.7 | 0 |
| L24N/2150W | 6163005 | 345853 | 30-Aug | B | oj brn | 30 | | Gavin | L24N 2150W | 6.4 | 53.4 | 13.6 | 118 | 0.6 | 26 | 9.2 | 576 | 3.79 | 16.4 | 2.6 | 0.4 | 8 | 0.6 | 3.8 | 0.4 | 42 | 0.09 | 0.143 | 18 | 20 | 0.39 | 199 | 0.011 | 0 | 1.36 | 0.002 | 0.07 | 0 | 0.04 | 1.6 | 0.2 | 0 | 6 | 1.3 | 0 |
| L24N/2200W | 6163009 | 345802 | 30-Aug | B | brn | 25 | | Gavin | L24N 2200W | 5.7 | 40.5 | 10.3 | 80 | 0.3 | 13.4 | 9.7 | 904 | 3.06 | 9 | 0 | 0.4 | 7 | 0.5 | 1.9 | 0.4 | 50 | 0.09 | 0.119 | 14 | 14 | 0.17 | 163 | 0.038 | 0 | 1.08 | 0.002 | 0.06 | 0 | 0.04 | 1.3 | 0.2 | 0.06 | 7 | 0 | 0 |
| L24N/2250W | 6163004 | 345751 | 30-Aug | B | oj brn | 10 | | Gavin | L24N 2250W | 6.3 | 37.7 | 12.7 | 80 | 0.3 | 14.8 | 5.3 | 249 | 4.53 | 9.9 | 0 | 0.5 | 6 | 0.5 | 1.6 | 0.4 | 52 | 0.07 | 0.072 | 13 | 18 | 0.23 | 107 | 0.037 | 0 | 1.19 | 0 | 0.07 | 0 | 0.04 | 1.7 | 0.1 | 0 | 7 | 0.8 | 0 |

| GPS Name | UTM N | UTM E | Date Taken | Horizon | Colour | Depth (cm) | Notes | Sampler(s) | Sample Name | Mo (PPM) | Cu (PPM) | Pb (PPM) | Zn (PPM) | Ag (PPM) | Ni (PPM) | Co (PPM) | Mn (PPM) | Fe (%) | As (PPM) | Au (PPB) | Th (PPM) | Sr (PPM) | Cd (PPM) | Sb (PPM) | Bi (PPM) | V (PPM) | Ca (%) | P (%) | La (PPM) | Cr (PPM) | Mg (%) | Ba (PPM) | Ti (%) | B (PPM) | Al (%) | Na (%) | K (%) | W (PPM) | Hg (PPM) | Sc (PPM) | Tl (PPM) | S (%) | Ga (PPM) | Se (PPM) | Te (PPM) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L24N/2300W | 6162998 | 345698 | 30-Aug | B | lt brn | 10 | | Gavin | L24N 2300W | 4 | 44.3 | 10.4 | 128 | 0.3 | 23.5 | 10.5 | 1172 | 3.27 | 18.8 | 0.6 | 0.2 | 6 | 0.7 | 2.1 | 0.3 | 43 | 0.07 | 0.079 | 14 | 26 | 0.51 | 231 | 0.016 | 0 | 1.69 | 0.002 | 0.06 | 0 | 0.02 | 1.7 | 0.2 | 0 | 5 | 0 | 0 |
| L24N/2350W | 6162996 | 345653 | 30-Aug | B | brn | 35 | | Gavin | L24N 2350W | 4.9 | 29.9 | 11.6 | 50 | 0.5 | 9.3 | 5.1 | 985 | 2.39 | 8.5 | 0 | 0 | 5 | 0.2 | 1.5 | 0.3 | 44 | 0.08 | 0.082 | 14 | 14 | 0.14 | 101 | 0.012 | 0 | 0.97 | 0.001 | 0.06 | 0 | 0.03 | 0.7 | 0.2 | 0 | 5 | 0 | 0 |
| L24N/2400W | 6162996 | 345614 | 30-Aug | B | lt oj brn | 40 | | Gavin | L24N 2400W | 10 | 64.8 | 15.2 | 98 | 0.2 | 23.8 | 8.8 | 367 | 3.96 | 14.3 | 0 | 0.9 | 13 | 0.3 | 3.4 | 0.4 | 40 | 0.1 | 0.069 | 24 | 15 | 0.23 | 181 | 0.011 | 0 | 1.24 | 0.002 | 0.06 | 0 | 0 | 2.4 | 0.3 | 0 | 5 | 0.7 | 0 |
| L24N/2450W | 6163004 | 345561 | 30-Aug | B | lt oj brn | 15 | | Gavin | L24N 2450W | 5.4 | 47.4 | 13.5 | 99 | 0.4 | 19.1 | 6.7 | 339 | 3.16 | 8.2 | 0 | 1.1 | 74 | 0.4 | 1.2 | 0.4 | 30 | 0.42 | 0.036 | 12 | 16 | 0.31 | 220 | 0.011 | 0 | 1.39 | 0.002 | 0.06 | 0 | 0.03 | 2.4 | 0.2 | 0 | 4 | 0.9 | 0 |
| L24N/2500W | 6163001 | 345502 | 30-Aug | B | lt brn | 50 | | Gavin | L24N 2500W | 9.6 | 39.4 | 10.5 | 71 | 0.6 | 8 | 4.1 | 81 | 3.35 | 12.9 | 1.1 | 4.1 | 15 | 0 | 0.5 | 0.5 | 35 | 0.07 | 0.045 | 22 | 14 | 0.13 | 241 | 0.001 | 0 | 1.37 | 0.002 | 0.05 | 0 | 0.13 | 2.9 | 0.2 | 0 | 6 | 2.4 | 0.2 |
| L24N/250E | 6162997 | 348248 | 05-Sep | B | oj | 30 | | Gavin/Kevin | L24N250E | 1.9 | 16.8 | 8.7 | 48 | 0 | 23.1 | 5.2 | 370 | 3.06 | 10.7 | 0 | 1.1 | 6 | 0.2 | 1.6 | 0.2 | 60 | 0.08 | 0.084 | 11 | 52 | 0.45 | 66 | 0.056 | 0 | 1.5 | 0.003 | 0.05 | 0 | 0.58 | 2.5 | 0.1 | 0 | 7 | 0 | 0 |
| L24N/2550W | 6163000 | 345454 | 30-Aug | B | lt brn | 30 | grey A horiz above | Gavin | L24N 2550W | 38.4 | 58.7 | 6.8 | 104 | 0.2 | 12.3 | 3 | 72 | 2.86 | 22 | 0 | 1 | 27 | 0.1 | 3.6 | 0.3 | 63 | 0.04 | 0.051 | 8 | 10 | 0.04 | 80 | 0.004 | 0 | 0.81 | 0 | 0.03 | 0 | 0 | 1.9 | 0.3 | 0 | 6 | 0.7 | 0 |
| L24N/2600W | 6163002 | 345403 | 30-Aug | B | oj brn | 30 | | Gavin | L24N 2600W | 4.2 | 48.9 | 8.3 | 310 | 0.8 | 22 | 5 | 1072 | 2.22 | 3.3 | 0.8 | 0 | 45 | 1 | 0.4 | 0.3 | 39 | 0.33 | 0.067 | 12 | 17 | 0.32 | 320 | 0.017 | 0 | 2 | 0.003 | 0.04 | 0 | 0.03 | 1.4 | 0.3 | 0 | 6 | 0.6 | 0 |
| L24N/2650W | 6162999 | 345353 | 30-Aug | B | red brn | 25 | | Gavin | L24N 2650W | 4 | 23.6 | 9.9 | 48 | 0.1 | 9 | 4.7 | 266 | 3.18 | 7 | 1.2 | 0.9 | 5 | 0.4 | 0.9 | 0.3 | 95 | 0.17 | 0.046 | 9 | 17 | 0.23 | 119 | 0.124 | 0 | 1.35 | 0.002 | 0.03 | 0 | 0.02 | 2.5 | 0.2 | 0 | 8 | 0 | 0 |
| L24N/2700W | 6162998 | 345300 | 30-Aug | B | lt brn | 30 | | Gavin | L24N 2700W | 4.3 | 33.8 | 9.8 | 113 | 0.1 | 21.3 | 7 | 348 | 3.55 | 7.2 | 0 | 1.4 | 8 | 0.3 | 0.8 | 0.3 | 63 | 0.19 | 0.055 | 13 | 26 | 0.6 | 228 | 0.05 | 0 | 2 | 0.003 | 0.07 | 0.1 | 0.05 | 3.4 | 0.2 | 0 | 7 | 0 | 0 |
| L24N/2750W | 6162998 | 345251 | 30-Aug | B | oj brn | 25 | | Gavin | L24N 2750W | 3.8 | 30.7 | 8.1 | 54 | 0.1 | 13.2 | 5.2 | 314 | 2.65 | 6.2 | 1.2 | 0.2 | 8 | 0.5 | 0.8 | 0.3 | 50 | 0.17 | 0.058 | 12 | 16 | 0.26 | 132 | 0.031 | 0 | 1.34 | 0.002 | 0.07 | 0 | 0.05 | 1.4 | 0.2 | 0 | 6 | 0.7 | 0 |
| L24N/2800W | 6163001 | 345202 | 30-Aug | B | oj brn | 30 | white A horizon above | Gavin | L24N 2800W | 3.4 | 24 | 9.8 | 51 | 0.2 | 13.2 | 4.1 | 277 | 3.21 | 7.4 | 1.4 | 0.7 | 8 | 0.3 | 0.9 | 0.3 | 71 | 0.11 | 0.079 | 15 | 19 | 0.32 | 145 | 0.07 | 0 | 1.32 | 0.003 | 0.06 | 0 | 0.04 | 1.7 | 0.1 | 0 | 7 | 0.7 | 0 |
| L24N/2850W | 6163000 | 345152 | 30-Aug | B | oj brn | 20 | | Gavin | L24N 2850W | 2.5 | 25.9 | 8.4 | 57 | 0.2 | 16 | 5.7 | 360 | 4.03 | 5.9 | 0 | 0.4 | 5 | 0.2 | 0.7 | 0.2 | 55 | 0.15 | 0.063 | 11 | 23 | 0.49 | 86 | 0.044 | 0 | 1.83 | 0.003 | 0.05 | 0 | 0.06 | 2.3 | 0 | 0 | 7 | 0 | 0 |
| L24N/2900W | 6162997 | 345101 | 30-Aug | B | lt brn | 20 | | Gavin | L24N 2900W | 3.3 | 31.6 | 9.7 | 73 | 0.3 | 17.9 | 6.5 | 325 | 2.95 | 5.9 | 0 | 0.4 | 19 | 0.3 | 0.8 | 0.3 | 49 | 0.3 | 0.039 | 12 | 19 | 0.46 | 289 | 0.059 | 0 | 1.52 | 0.003 | 0.09 | 0 | 0.04 | 2.2 | 0.1 | 0 | 7 | 0 | 0 |
| L24N/2950W | 6162997 | 345053 | 30-Aug | B | brn | 15 | | Gavin | L24N 2950W | 3.8 | 39.5 | 8.5 | 86 | 0.3 | 19.5 | 7.5 | 421 | 3.11 | 4.7 | 1.2 | 0.1 | 9 | 0.3 | 0.6 | 0.2 | 45 | 0.11 | 0.053 | 12 | 23 | 0.47 | 246 | 0.021 | 0 | 1.9 | 0.002 | 0.06 | 0 | 0.04 | 1.8 | 0.1 | 0 | 6 | 0.6 | 0 |
| L24N/3000W | 6163000 | 345000 | 30-Aug | B | dk oj | 25 | | Gavin | L24N 3000W | 2.2 | 29.6 | 9 | 54 | 0.5 | 11.5 | 4.8 | 311 | 3.44 | 5.5 | 0 | 0.5 | 5 | 0.5 | 0.9 | 0.2 | 74 | 0.52 | 0.072 | 7 | 16 | 0.33 | 105 | 0.136 | 0 | 1.57 | 0.004 | 0.06 | 0.2 | 0.05 | 2.3 | 0.1 | 0 | 9 | 0 | 0 |
| L24N/300E | 6162995 | 348304 | 05-Sep | B | oj | 20 | | Gavin/Kevin | L24N300E | 1.9 | 22.8 | 7 | 51 | 0.2 | 26.8 | 5.4 | 325 | 3.05 | 12.5 | 0 | 0.7 | 7 | 0 | 1.8 | 0.2 | 59 | 0.12 | 0.114 | 9 | 57 | 0.47 | 60 | 0.039 | 0 | 1.13 | 0.004 | 0.04 | 0 | 0.34 | 2.5 | 0.1 | 0 | 5 | 0 | 0 |
| L24N/350E | 6162989 | 348357 | 05-Sep | B | oj | 45 | | Gavin/Kevin | L24N350E | 1.5 | 14.2 | 7.8 | 44 | 0.2 | 17.8 | 3.6 | 188 | 2.65 | 8.7 | 0 | 1.4 | 6 | 0.2 | 1.1 | 0.2 | 63 | 0.09 | 0.062 | 9 | 65 | 0.3 | 71 | 0.063 | 0 | 1.66 | 0.004 | 0.03 | 0 | 0.87 | 2.8 | 0 | 0 | 6 | 0 | 0 |
| L24N/400E | 6162994 | 348449 | 05-Sep | B | oj | 35 | | Gavin/Kevin | L24N400E | 1.8 | 18.9 | 6.8 | 66 | 0.2 | 24.9 | 5.4 | 271 | 3.79 | 11.5 | 0 | 1.4 | 5 | 0.2 | 1.6 | 0.2 | 67 | 0.06 | 0.122 | 9 | 78 | 0.44 | 77 | 0.058 | 0 | 2.05 | 0.003 | 0.03 | 0 | 0.46 | 3.4 | 0 | 0 | 7 | 0 | 0 |
| L24N/400E | 6162996 | 348400 | 05-Sep | B | brt-oj | 40 | | Gavin/Kevin | L24N450E | 1.6 | 11.6 | 6.1 | 55 | 0.2 | 16.8 | 4.4 | 399 | 2.96 | 7.6 | 0 | 0.8 | 5 | 0.3 | 1.3 | 0.2 | 54 | 0.09 | 0.087 | 8 | 61 | 0.29 | 57 | 0.058 | 0 | 1.37 | 0.004 | 0.02 | 0 | 1.86 | 2.2 | 0 | 0 | 5 | 0 | 0 |
| L24N/500E | 6162997 | 348502 | 05-Sep | B | lt-oj | 20 | | Gavin/Kevin | L24N500E | 1.5 | 20.6 | 6.5 | 52 | 0 | 29.4 | 5.3 | 280 | 2.51 | 9.9 | 0.8 | 1.2 | 5 | 0.2 | 1.5 | 0.1 | 44 | 0.08 | 0.097 | 8 | 54 | 0.43 | 69 | 0.037 | 0 | 1.37 | 0.003 | 0.04 | 0 | 0.17 | 2.3 | 0 | 0 | 4 | 0 | 0 |
| L24N/50E | 6162997 | 348055 | 05-Sep | B | grey brn | 35 | | Gavin/Kevin | L24N050E | 2.2 | 13.4 | 8.3 | 45 | 0 | 15.1 | 4.5 | 270 | 1.87 | 11.6 | 10.1 | 0.3 | 7 | 0.2 | 1.3 | 0.2 | 41 | 0.1 | 0.049 | 12 | 36 | 0.4 | 157 | 0.041 | 0 | 1.04 | 0.003 | 0.06 | 0 | 0.49 | 1.5 | 0.1 | 0 | 4 | 0 | 0 |
| L24N/50W | 6163001 | 347956 | 05-Sep | B | grey brn | 45 | | Gavin/Kevin | L24N050W | 2.2 | 43.9 | 7.7 | 71 | 0.7 | 31.9 | 7 | 334 | 2.36 | 11.3 | 3.9 | 0.2 | 11 | 0.3 | 1.5 | 0.2 | 36 | 0.17 | 0.062 | 20 | 49 | 0.62 | 124 | 0.016 | 0 | 1.75 | 0.004 | 0.05 | 0 | 0.69 | 1.8 | 0.1 | 0 | 5 | 0.6 | 0 |
| L24N/550E | 6163001 | 348545 | 05-Sep | B | lt-oj | 45 | | Gavin/Kevin | L24N550E | 1.9 | 17 | 5.4 | 47 | 0 | 25.5 | 4.8 | 198 | 2.54 | 8.5 | 0 | 0.8 | 6 | 0.3 | 1.1 | 0.1 | 51 | 0.11 | 0.069 | 6 | 67 | 0.32 | 74 | 0.056 | 0 | 1.04 | 0.004 | 0.03 | 0 | 0.06 | 1.8 | 0 | 0 | 5 | 0 | 0 |
| L24N/600E | 6162994 | 348605 | 05-Sep | B | lt grey | 30 | | Gavin/Kevin | L24N600E | 1.4 | 20.4 | 8.7 | 152 | 0.6 | 32.7 | 7.8 | 745 | 2.38 | 12.1 | 1.5 | 1.3 | 13 | 0.9 | 2.7 | 0.3 | 47 | 0.45 | 0.061 | 10 | 60 | 0.54 | 232 | 0.019 | 0 | 1.69 | 0.004 | 0.06 | 0 | 5.15 | 3.4 | 0.2 | 0 | 5 | 0 | 0 |
| L24N/650E | 6162996 | 348651 | 05-Sep | B | lt grey | 45 | | Gavin/Kevin | L24N650E | 1.7 | 48.8 | 13.5 | 231 | 0.6 | 65.5 | 12 | 1051 | 2.92 | 40.2 | 6 | 0.6 | 19 | 2.3 | 24 | 0.3 | 36 | 0.85 | 0.114 | 18 | 69 | 0.66 | 196 | 0.016 | 0 | 1.3 | 0.006 | 0.07 | 0 | 3.38 | 3.4 | 0.9 | 0 | 3 | 0.9 | 0 |
| L24N/700E | 6162997 | 348705 | 05-Sep | B | brn | 30 | | Gavin/Kevin | L24N700E | 1.3 | 17.5 | 5.8 | 43 | 0 | 26.3 | 4.8 | 314 | 2.03 | 6.4 | 0 | 0 | 9 | 0.5 | 0.7 | 0.3 | 48 | 0.19 | 0.06 | 6 | 71 | 0.26 | 70 | 0.034 | 0 | 0.71 | 0.005 | 0.03 | 0 | 0.05 | 0.9 | 0.1 | 0 | 5 | 0 | 0 |
| L24N/750E | 6162993 | 348753 | 05-Sep | B | grey | 100 | Clay, next to marshy meadow | Gavin/Kevin | L24N750E | 1.1 | 58.6 | 15.3 | 204 | 0.5 | 75.1 | 13.3 | 392 | 3 | 24 | 5.4 | 1.3 | 15 | 1.2 | 13.3 | 0.3 | 44 | 0.45 | 0.116 | 23 | 80 | 0.81 | 342 | 0.011 | 0 | 1.99 | 0.007 | 0.08 | 0.1 | 4.33 | 5.2 | 1.6 | 0 | 5 | 0.8 | 0 |
| L24N/800E | 6163000 | 348800 | 07-Sep | N/S | | | Marsh | Gavin/Kevin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L24N/850E | 6163000 | 348850 | 07-Sep | N/S | | | Marsh | Gavin/Kevin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L24N/900E | 6163000 | 348900 | 07-Sep | N/S | | | Marsh | Gavin/Kevin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L24N/950E | 6162997 | 348953 | 07-Sep | B | grey brn | 60 | Clayey, marshy | Gavin/Kevin | L24N950E | 0.2 | 29.4 | 6 | 51 | 0.1 | 32.6 | 5.1 | 182 | 1.12 | 1.3 | 3.2 | 0.9 | 43 | 0.3 | 1.1 | 0.2 | 24 | 0.39 | 0.053 | 9 | 50 | 0.53 | 220 | 0.023 | 0 | 0.96 | 0.005 | 0.07 | 0 | 0.32 | 2.9 | 0.1 | 0 | 3 | 0.7 | 0 |
| L26N/0W | 6163194 | 347995 | 05-Sep | B | brn | 35 | | Gavin/Kevin | L26N 000W | 4 | 41.1 | 8.5 | 73 | 0.3 | 34.4 | 8.9 | 548 | 2.5 | 8.7 | 3.2 | 0.2 | 23 | 0.5 | 1.3 | 0.2 | 45 | 0.32 | 0.056 | 15 | 53 | 0.51 | 388 | 0.02 | 0 | 1.45 | 0.004 | 0.09 | 0 | 0.34 | 2 | 0.1 | 0 | 5 | 0 | 0 |
| L26N/1000E | 6163201 | 349004 | 05-Sep | B | grey brn | 30 | Weakly clayey | Gavin/Kevin | L26N 1000E | 1.7 | 28.8 | 6.9 | 63 | 0.2 | 39 | 8.2 | 346 | 2.38 | 6 | 1.8 | 1.5 | 11 | 0.3 | 0.8 | 0.2 | 36 | 0.13 | 0.08 | 12 | 54 | 0.67 | 147 | 0.039 | 0 | 1.1 | 0.004 | 0.06 | 0.2 | 0.2 | 2.5 | 0 | 0 | 3 | 0 | 0 |
| L26N/100E | 6163198 | 348101 | 05-Sep | B | oj brn | 45 | | Gavin/Kevin | L26N 100E | 2.5 | 21 | 8.5 | 57 | 0.2 | 26.6 | 6 | 432 | 3.05 | 15.5 | 3.9 | 0.8 | 6 | 0.3 | 1.9 | 0.2 | 49 | 0.1 | 0.057 | 10 | 56 | 0.47 | 71 | 0.041 | 0 | 1.43 | 0.004 | 0.04 | 0 | 0.34 | 2.4 | 0.1 | 0 | 5 | 0 | 0 |
| L26N/100W | 6163199 | 347902 | 05-Sep | B | lt brn | 30 | | Gavin/Kevin | L26N 100W | 3.2 | 30.3 | 7.9 | 85 | 0.1 | 44.8 | 9.3 | 545 | 3.47 | 12.2 | 2.7 | 0.7 | 8 | 0.3 | 1.7 | 0.2 | 50 | 0.11 | 0.052 | 13 | 57 | 0.88 | 151 | 0.034 | 0 | 1.89 | 0.004 | 0.08 | 0 | 0.13 | 2.7 | 0.1 | 0 | 6 | 0 | 0 |
| L26N/1050E | 6163200 | 349050 | 05-Sep | B | grey brn | 20 | Weakly clayey | Gavin/Kevin | L26N 1050E | 2 | 35.7 | 6.7 | 67 | 0 | 45.6 | 8.7 | 468 | 2.45 | 7.7 | 5.2 | 2 | 11 | 0.2 | 1.3 | 0.1 | 38 | 0.16 | 0.063 | 13 | 56 | 0.67 | 106 | 0.052 | 0 | 1.12 | 0.004 | 0.07 | 0 | 0.12 | 3 | 0 | 0 | 4 | 0 | 0 |
| L26N/150E | 6163203 | 348150 | 05-Sep | B | grey brn | 40 | | Gavin/Kevin | L26N 150E | 1.2 | 10.1 | 8.8 | 38 | 0.1 | 14.8 | 2.9 | 172 | 1.75 | 6.9 | 1.6 | 1.6 | 5 | 0.2 | 1 | 0.2 | 46 | 0.07 | 0.029 | 14 | 38 | 0.36 | 103 | 0.037 | 0 | 1.5 | 0.003 | 0.05 | 0 | 0.12 | 2.9 | 0.1 | 0 | 7 | 0 | 0 |
| L26N/150W | 6163189 | 347848 | 05-Sep | B | lt brn | 40 | | Gavin/Kevin | L26N 150W | 2.6 | 23.1 | 9.9 | 50 | 0.1 | 21.4 | 4.2 | 246 | 2.34 | 11.5 | 2.6 | 0.4 | 23 | 0.4 | 1.4 | 0.3 | 47 | 0.34 | 0.029 | 15 | 44 | 0.4 | 261 | 0.038 | 0 | 1.36 | 0.005 | 0.07 | 0 | 0.24 | 2.2 | 0.1 | 0 | 6 | 0 | 0 |
| L26N/200E | 6163194 | 348202 | 05-Sep | B | lt brn | 40 | | Gavin/Kevin | L26N 200E | 1.2 | 13.1 | 6.9 | 65 | 0.1 | 20.7 | 4.1 | 252 | 2.37 | 7.4 | 2.5 | 0.9 | 6 | 0.4 | 1.9 | 0.2 | 52 | 0.1 | 0.036 | 10 | 51 | 0.43 | 67 | 0.038 | 0 | 1.62 | 0.004 | 0.03 | 0 | 0.18 | 3.2 | 0 | 0 | 6 | 0 | 0 |
| L26N/200W | 6163200 | 347800 | 05-Sep | B | grey brn | 45 | Clayey, next to small stream | Gavin/Kevin | L26N 200W | 4.1 | 47 | 14.2 | 175 | 0.8 | 52.5 | 22.5 | 3193 | 3.04 | 22.1 | 6.5 | 0.4 | 31 | 3.8 | 3.6 | 0.3 | 41 | 0.38 | 0.087 | 18 | 52 | 0.66 | 432 | 0.012 | 0 | 1.76 | 0.005 | 0.09 | 0 | 1.2 | 2.8 | 0.2 | 0 | 5 | 0 | 0 |
| L26N/250E | 6163202 | 348250 | 05-Sep | B | lt brn | 15 | | Gavin/Kevin | L26N 250E | 2.3 | 62.9 | 11.9 | 113 | 0.3 | 83 | 17.5 | 1123 | 3.51 | 17.8 | 8.4 | 2.6 | 23 | 1.8 | 4.4 | 0.2 | 45 | 2.29 | 0.098 | 23 | 76 | 1 | 199 | 0.039 | 0 | 1.85 | 0.006 | 0.1 | 0 | 3.13 | 6 | 0.2 | 0 | 4 | 0.8 | 0 |
| L26N/300E | 6163203 | 348302 | 05-Sep | B | lt brn | 35 | | Gavin/Kevin | L26N 300E | 1.4 | 25.2 | 10.9 | 126 | 0.3 | 48.8 | 10.6 | 547 | 2.91 | 14.6 | 5.5 | 2.2 | 13 | 2.4 | 4.5 | 0.2 | 63 | 0.89 | 0.087 | 19 | 74 | 0.63 | 219 | 0.025 | 0 | 2.21 | 0.005 | 0.04 | 0 | 4.53 | 5.8 | 0.2 | 0 | 6 | 0.7 | 0 |
| L26N/350E | 6163203 | 348347 | 05-Sep | B | oj brn | 40 | | Gavin/Kevin | L26N 350E | 1.8 | 25.6 | 10.7 | 128 | 0.3 | 44 | 8.9 | 309 | 3.83 | 14.5 | 1.7 | 1.1 | 7 | 1.1 | 2.2 | 0.3 | 76 | 0.15 | 0.035 | 10 | 77 | 0.64 | 162 | 0.044 | 0 | 2.19 | 0.004 | 0.04 | 0 | 1.11 | 4.2 | 0.1 | 0 | 7 | 0 | 0 |
| L26N/400E | 6163195 | 348399 | 05-Sep | B | lt oj brn | 35 | Just off of abandoned road. | Gavin/Kevin | L26N 400E | 1.4 | 19.8 | 8.6 | 118 | 0.2 | 58.2 | 12 | 535 | 2.95 | 11.6 | 7.3 | 1.1 | 8 | 1.1 | 2.6 | 0.2 | 55 | 0.23 | 0.069 | 11 | 87 | 0.64 | 145 | 0.028 | 0 | 2.11 | 0.004 | 0.03 | 0 | 2.43 | 4 | 0 | 0 | 6 | 0 | 0 |
| L26N/450E | 6163193 | 348448 | 05-Sep | B | lt brn | 15 | | Gavin/Kevin | L26N 450E | 1.7 | 40.6 | 7.9 | 69 | 0.2 | 61.8 | 11.7 | 521 | 2.64 | 11.4 | 4.9 | 1.7 | 9 | 0.7 | 2.3 | 0.2 | 42 | 0.28 | 0.065 | 15 | 70 | 0.66 | 131 | 0.044 | 0 | 1.47 | 0.003 | 0.06 | 0 | 2.6 | 3.9 | 0.1 | 0 | 4 | 0 | 0 |
| L26N/500E | 6163194 | 348500 | 05-Sep | B | oj brn | 30 | | Gavin/Kevin | L26N 500E | 1.3 | 14.9 | 7.4 | 91 | 0.3 | 30.8 | 7.7 | 298 | 2.04 | 7.1 | 5.2 | 1.3 | 7 | 0.3 | 1.3 | 0.2 | 48 | 0.12 | 0.037 | 11 | 59 | 0.4 | 123 | 0.042 | 0 | 1.67 | 0.003 | 0.03 | 0 | 5.59 | 2.7 | 0 | 0 | 5 | 0 | 0 |
| L26N/50E | 6163207 | 348052 | 05-Sep | B | oj brn | 35 | | Gavin/Kevin | L26N 050E | 1.7 | 17.4 | 6.5 | 52 | 0.2 | 15.5 | 4.6 | 883 | 2.13 | 8.1 | 2.2 | 1.1 | 6 | 0.3 | 1.6 | 0.2 | 48 | 0.09 | 0.079 | 13 | 49 | 0.29 | 132 | 0.027 | 0 | 1.64 | 0.003 | 0.05 | 0 | 0.17 | 2.7 | 0.1 | 0 | 7 | 0 | 0 |
| L26N/50W | 6163202 | 347950 | 05-Sep | B | oj brn | 40 | | Gavin/Kevin | L26N 050W | 2 | 24.6 | 8.3 | 63 | 0.2 | 29.5 | 6.6 | 379 | 2.94 | 10.5 | 2.1 | 0.2 | 7 | 0.3 | 1.6 | 0.3 | 61 | 0.1 | 0.064 | 12 | 54 | 0.56 | 126 | 0.028 | 0 | 1.6 | 0.003 | 0.07 | 0 | 0.85 | 2 | 0.1 | 0 | 7 | 0 | 0 |
| L26N/550E | 6163196 | 348550 | 05-Sep | B | lt brn | 40 | | Gavin/Kevin | L26N 550E | 1.4 | 18.7 | 8.3 | 124 | 0.3 | 32.1 | 8.1 | 329 | 2.85 | 8.7 | 2.2 | 1 | 9 | 0.7 | 2.7 | 0.2 | 60 | 0.2 | 0.106 | 9 | 73 | 0.45 | 105 | 0.049 | 0 | 1.65 | 0.004 | 0.04 | 0 | 28.81 | 2.9 | 0 | 0 | 6 | 0 | 0 |
| L26N/600E | 6163201 | 348610 | 05-Sep | B | lt brn | 40 | Clay, on W edge of stream | Gavin/Kevin | L26N 600E | 2.4 | 70.3 | 17.6 | 259 | 0.5 | 88.7 | 18.8 | 499 | 3.91 | 64.1 | 11 | 1.1 | 13 | 2.8 | 40.6 | 0.2 | 53 | 0.29 | 0.09 | 21 | 82 | 0.67 | 259 | 0.026 | 0 | 1.64 | 0.004 | 0.07 | 0.2 | 5.39 | 5.9 | 1 | 0 | 4 | 0.7 | 0 |
| L26N/650E | 6163254 | 348655 | 05-Sep | B | grey | 35 | Clay, on edge of marsh | Gavin/Kevin | L26N 650E | 1.6 | 31.9 | 25.1 | 31 | 0.2 | 32.2 | 10.8 | 165 | 2.11 | 10.7 | 7.4 | 0.5 | 43 | 0.1 | 2.5 | 0.4 | 61 | 0.44 | 0.069 | 7 | 106 | 0.75 | 212 | 0.026 | 0 | 0.97 | 0.014 | 0.05 | 0.4 | 0.2 | 4.8 | 0.2 | 0 | 3 | 1.2 | 0 |
| L26N/700E | 6163221 | 348705 | 05-Sep | B/C | grey brn | 40 | Clay, sand beneath. On edge of marsh | Gavin/Kevin | L26N 700E | 1.8 | 33.3 | 35 | 35 | 0.1 | 33.8 | 13.9 | 177 | 3.04 | 3.1 | 8.4 | 1 | 32 | 0 | 0.3 | 0.6 | 64 | 0.33 | 0.074 | 11 | 110 | 0.81 | 205 | 0.028 | 0 | 0.94 | 0.015 | 0.07 | 1.4 | 0.05 | 5.8 | 0 | 0 | 3 | 0.6 | 0 |
| L26N/750E | 6163203 | 348752 | 05-Sep | B/C | grey | 30 | Clay, sand beneath. On edge of marsh | Gavin/Kevin | L26N 750E | 1.4 | 30.7 | 33.1 | 31 | 0.1 | 35.4 | 14.3 | 194 | 2.43 | 2.7 | 2.6 | 0.9 | 31 | 0 | 0.3 | 0.6 | 79 | 0.31 | 0.072 | 11 | 123 | 0.78 | 260 | 0.031 | 0 | 0.92 | 0.015 | 0.06 | 1 | 0.26 | 5.6 | 0 | 0 | 3 | 0.8 | 0 |
| L26N/800E | 6163228 | 348803 | 05-Sep | B | grey | 40 | Moved off of line to avoid marsh | Gavin/Kevin | L26N 800E | 0.5 | 29 | 25.4 | 31 | 0.1 | 29.6 | 8.6 | 154 | 1.28 | 1.7 | 2.8 | 0.6 | 21 | 0 | 0.3 | 0.5 | 48 | 0.3 | 0.064 | 9 | 101 | 0.77 | 195 | 0.025 | 0 | 0.98 | 0.014 | 0.05 | 0.5 | 0.09 | 4.2 | 0.1 | 0 | 3 | 0.6 | 0 |
| L26N/850E | 6163230 | 348859 | 05-Sep | B | grey | 40 | Moved off of line to avoid marsh | Gavin/Kevin | L26N 850E | 0.2 | 11.8 | 6 | 56 | 0.2 | 33 | 5.7 | 231 | 1.76 | 2.8 | 2 | 0.5 | 12 | 0.1 | 0.3 | 0.1 | 35 | 0.14 | 0.039 | 10 | 66 | 0.7 | 259 | 0.01 | 0 | 1.5 | 0.005 | 0.05 | 0 | 0.18 | 2.6 | 0.2 | 0 | 5 | 0 | 0 |
| L26N/900E | 6163261 | 348900 | 05-Sep | B | lt brn | 20 | Moved off of line to avoid marsh | Gavin/Kevin | L26N 900E | 1.2 | 22.3 | 5 | 50 | 0 | 39.2 | 9.6 | 623 | 2.01 | 4.1 | 1.8 | 0.7 | 12 | 0.2 | 0.7 | 0.1 | 36 | 0.2 | 0.063 | 10 | 62 | 0.57 | 140 | 0.038 | 0 | 0.91 | 0.005 | 0.05 | 0 | 0.04 | 2.4 | 0 | 0 | 3 | 0 | 0 |
| L26N/950E | 6163200 | 348950 | 05-Sep | N/S | | | Marsh | Gavin/Kevin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L28N/0W | 6163397 | 348001 | 31-Aug | B | oj brn | 25 | | Gavin | L28N 0W | 2 | 10 | 8.9 | 30 | 0.3 | 12 | 2.8 | 141 | 2.47 | 11 | 0 | 1.5 | 5 | 0.2 | 1.9 | 0.2 | 60 | 0.05 | 0.111 | 12 | 38 | 0.25 | 87 | 0.047 | 0 | 1.04 | 0.002 | 0.05 | 0.1 | 5.95 | 2.1 | 0.1 | 0 | 6 | 0 | 0 |
| L28N/1000E | 6163391 | 349004 | 31-Aug | B | lt brn | 35 | | Gavin | L28N 1000E | 1.5 | 19.6 | 6 | 54 | 0 | 35.5 | 9.4 | 501 | 2.17 | 5.2 | 5.4 | 0.9 | 12 | 0.3 | 0.6 | 0.1 | 35 | 0.18 | 0.049 | 10 | 64 | 0.7 | 111 | 0.048 | 0 | 1.03 | 0.004 | 0.06 | 0 | 0.14 | 2.4 | 0 | 0 | 3 | 0 | 0 |
| L28N/100E | 6163399 | 348102 | 31-Aug | B | oj | 20 | | Gavin | L28N 100E | 2 | 45.1 | 8.2 | 83 | 0.1 | 74 | 10.4 | 628 | 3.86 | 14.3 | 1.8 | 1.7 | 9 | 0.2 | 2.5 | 0.2 | 61 | 0.19 | 0.173 | 8 | 93 | 0.77 | 94 | 0.036 | 0 | 1.62 | 0.004 | 0.06 | 0 | 0.45 | 4.5 | 0 | 0 | 5 | 0 | 0 |
| L28N/100W | 6163393 | 347912 | 31-Aug | B | oj brn | 35 | | Gavin | L28N 100W | 2.1 | 17.9 | 7.6 | 55 | 0 | 27.9 | 5.6 | 336 | 2.93 | 9.6 | 12.4 | 1.2 | 5 | 0.2 | 1.2 | 0.2 | 52 | 0.07 | 0.038 | 11 | 54 | 0.55 | 100 | 0.059 | 0 | 1.63 | 0.002 | 0.06 | 0 | 0.32 | 2.8 | 0.2 | 0 | 6 | 0 | 0 |
| L28N/1050E | 6163400 | 349050 | 31-Aug | B | red brn | 70 | grey ah above, ~40cm thick | Gavin | L28N 1050E | 1.3 | 23.2 | 7.9 | 62 | 0.1 | 35.1 | 12.8 | 748 | 2.38 | 3.1 | 1.6 | 0.5 | 18 | 0.3 | 0.3 | 0.2 | 42 | 0.24 | 0.038 | 12 | 68 | 0.7 | 306 | 0.034 | 0 | 1.48 | 0.004 | 0.07 | 0 | 0.05 | 3.2 | 0 | 0 | 5 | 0 | 0 |
| L28N/150E | 6163399 | 348154 | 31-Aug | B | lt-oj | 25 | | Gavin | L28N 150E | 2.1 | 20.8 | 8.1 | 73 | 0.1 | 30.7 | 6.9 | 471 | 3.91 | 11.1 | 1.6 | 1.3 | 6 | 0.3 | 2 | 0.2 | 80 | 0.11 | 0.142 | 10 | 74 | 0.52 | 65 | 0.059 | 0 | 1.94 | 0.003 | 0.03 | 0 | 0.55 | 3.9 | 0.1 | 0 | 8 | 0 | 0 |
| L28N/150W | 6163396 | 347849 | 31-Aug | B | lt grey | 20 | | Gavin | L28N 150W | 2.5 | 24.2 | 6.9 | 71 | 0.3 | 30 | 6.5 | 364 | 2.4 | 8.7 | 1.6 | 0.5 | 11 | 0.3 | 1.1 | 0.2 | 42 | 0.15 | 0.036 | 12 | 46 | 0.62 | 215 | 0.037 | 0 | 1.37 | 0.003 | 0.07 | 0 | 0.84 | 2.4 | 0.1 | 0 | 5 | 0 | 0 |
| L28N/200E | 6163394 | 348200 | 31-Aug | B | lt-oj | 25 | | Gavin | L28N 200E | 1.7 | 20.7 | 10.6 | 116 | 0.2 | 40.3 | 9.3 | 430 | 4.2 | 14.8 | 1.6 | 1.7 | 7 | 1.1 | 3.6 | 0.2 | 80 | 0.2 | 0.117 | 10 | 74 | 0.6 | 126 | 0.046 | 0 | 2.24 | 0.003 | 0.04 | 0 | 1.28 | 4.6 | 0 | 0 | 8 | 0 | 0 |
| L28N/200W | 6163400 | 347800 | 31-Aug | B | lt brn | 30 | clayey | Gavin | L28N 200W | 1.7 | 15.7 | 6.9 | 37 | 0.2 | 17.3 | 4 | 207 | 2.9 | 9.2 | 2.1 | 0.7 | 7 | 0.5 | 1.2 | 0.2 | 51 | 0.14 | 0.031 | 9 | 45 | 0.29 | 106 | 0.081 | 0 | 0.96 | 0.002 | 0.05 | 0 | 5.27 | 2 | 0 | 0 | 6 | 0 | 0 |
| L28N/250E | 6163394 | 348253 | 31-Aug | B | oj | 25 | | Gavin | L28N 250E | 2.1 | 19.3 | 11.9 | 167 | 0.1 | 23.9 | 6.8 | 478 | 3.56 | 25.6 | 0.8 | 0.4 | 6 | 0.8 | 9.7 | 0.2 | 86 | 0.13 | 0.111 | 9 | 53 | 0.37 | 283 | 0.033 | 0 | 1.59 | 0.003 | 0.04 | 0.1 | 3.09 | 3.2 | 0.1 | 0 | 8 | 0 | 0 |
| L28N/300E | 6163407 | 348303 | 31-Aug | B | oj | 20 | | Gavin | L28N 300E | 2 | 22.5 | 8.9 | 65 | 0.1 | 29.6 | 6.7 | 335 | 3.77 | 17.6 | 1 | 2 | 6 | 0.3 | 3.1 | 0.2 | 77 | 0.12 | 0.154 | 8 | 66 | 0.44 | 75 | 0.046 | 0 | 1.5 | 0.003 | 0.04 | 0 | 0.27 | 3.5 | 0.1 | 0 | 7 | 0 | 0 |
| L28N/350E | 6163398 | 348350 | 31-Aug | B | oj | 15 | | Gavin | L28N 350E | 1.8 | 24.6 | 9.3 | 80 | 0.3 | 34.7 | 7.2 | 289 | 3.21 | 13.7 | 1.7 | 1.2 | 7 | 0.3 | 2.1 | 0.2 | 56 | 0.12 | 0.121 | 8 | 65 | 0.5 | 131 | 0.028 | 0 | 1.94 | 0.003 | 0.05 | 0.1 | 0.27 | 3.5 | 0.1 | 0 | 6 | 0 | 0 |
| L28N/400E | 6163405 | 348405 | 31-Aug | B | yel brn | 15 | | Gavin | L28N 400E | 2.2 | 40.9 | 8 | 82 | 0 | 63.3 | 9.8 | 458 | 3.08 | 11.6 | 3.5 | 2.1 | 9 | 0.6 | 1.8 | 0.2 | 43 | 0.17 | 0.075 | 10 | 68 | 0.91 | 134 | 0.024 | 0 | 1.8 | 0.003 | 0.05 | 0 | 0.36 | 3.6 | 0.1 | 0 | 4 | 0 | 0 |
| L28N/450E | 6163401 | 348447 | 31-Aug | B | grey brn | 10 | | Gavin | L28N 450E | 0.9 | 25.7 | 5.7 | 71 | 0 | 46.1 | 9.4 | 547 | 2.25 | 8.2 | 2.6 | 0.8 | 11 | 0.6 | 1.1 | 0.1 | 31 | 0.32 | 0.076 | 9 | 61 | 0.68 | 111 | 0.024 | 0 | 0.96 | 0.003 | 0.06 | 0 | 0.81 | 2.8 | 0 | 0.06 | 3 | 0 | 0 |
| L28N/500E | 6163400 | 348500 | 31-Aug | N/S | | | Marsh | Gavin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L28N/50E | 6163403 | 348049 | 31-Aug | B | oj brn | 30 | | Gavin | L28N 50E | 1.3 | 18.5 | 8.5 | 69 | 0.2 | 27.8 | 5.8 | 295 | 2.83 | 13 | 1.6 | 0.7 | 8 | 0.6 | 2.7 | 0.2 | 62 | 0.3 | 0.06 | 11 | 55 | 0.48 | 148 | 0.034 | 0 | 1.8 | 0.003 | 0.03 | 0 | 1.96 | 3.4 | 0.1 | 0 | 7 | 0 | 0 |
| L28N/50W | 6163400 | 347948 | 31-Aug | B | lt brn | 35 | | Gavin | L28N 50W | 1.7 | 27.9 | 8.3 | 72 | 0.4 | 27.3 | 7.1 | 934 | 2.9 | 14.1 | 0 | 0.8 | 8 | 0.4 | 2.5 | 0.2 | 54 | 0.14 | 0.156 | 11 | 50 | 0.42 | 162 | 0.041 | 0 | 1.26 | 0.003 | 0.07 | 0 | 0.23 | 2.9 | 0.2 | 0 | 6 | 0 | 0 |
| L28N/550E | 6163400 | 348550 | 31-Aug | N/S | | | Marsh | Gavin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L28N/600E | 6163406 | 348601 | 31-Aug | C | grey | 35 | | Gavin | L28N 600E | 1.6 | 20.7 | 22 | 25 | 0 | 28.9 | 14.3 | 279 | 2.62 | 2.2 | 4 | 0.6 | 55 | 0.1 | 0.2 | 0.4 | 71 | 0.5 | 0.075 | 7 | 107 | 0.7 | 190 | 0.031 | 0 | 0.72 | 0.012 | 0.06 | 3.7 | 0.02 | 4.2 | 0 | 0.05 | 2 | 0 | 0 |
| L28N/650E | 6163398 | 348653 | 31-Aug | C | grey | 40 | | Gavin | L28N 650E | 1.5 | 21.1 | 21.2 | 27 | 0 | 34.2 | 15.6 | 504 | 3.61 | 2.2 | 1.9 | 1 | 55 | 0.1 | 0.2 | 0.5 | 98 | 0.45 | 0.068 | 7 | 116 | 0.64 | 242 | 0.037 | 0 | 0.7 | 0.01 | 0.07 | 0.7 | 0.02 | 4.3 | 0 | 0 | 3 | 0 | 0 |
| L28N/700E | 6163398 | 348701 | 31-Aug | B | brn | 30 | | Gavin | L28N 700E | 1.8 | 27.3 | 29 | 30 | 0 | 36.1 | 16.1 | 624 | 3.06 | 3.1 | 5.3 | 0.6 | 30 | 0.1 | 0.2 | 0.5 | 79 | 0.33 | 0.071 | 9 | 125 | 0.8 | 185 | 0.037 | 0 | 0.89 | 0.012 | 0.08 | 0.8 | 0.07 | 5.1 | 0 | 0 | 3 | 0 | 0 |
| L28N/750E | 6163392 | 348746 | 31-Aug | B | brn | 30 | | Gavin | L28N 750E | 1.7 | 23.4 | 25.1 | 24 | 0.1 | 33.4 | 14.5 | 449 | 3.01 | 2.5 | 2.7 | 0.6 | 32 | 0 | 0.3 | 0.4 | 80 | 0.37 | 0.061 | 8 | 126 | 0.7 | 205 | 0.03 | 0 | 0.7 | 0.012 | 0.06 | 2 | 0.03 | 4.6 | 0 | 0 | 2 | 0.7 | 0 |
| L28N/800E | 6163404 | 348805 | 31-Aug | B | brn | 30 | | Gavin | L28N 800E | 2.2 | 21 | 26.4 | 32 | 0.1 | 31.8 | 15.5 | 552 | 3.17 | 2.6 | 2.2 | 0.5 | 30 | 0.2 | 0.3 | 0.5 | 76 | 0.3 | 0.059 | 6 | 111 | 0.68 | 186 | 0.029 | 0 | 0.78 | 0.01 | 0.07 | 0.6 | 0.07 | 3.6 | 0 | 0 | 3 | 0.6 | 0 |
| L28N/850E | 6163403 | 348858 | 31-Aug | B | grey | 25 | | Gavin | L28N 850E | 0.9 | 16.5 | 7.9 | 36 | 0 | 26.2 | 7.6 | 327 | 1.75 | 2.9 | 2.8 | 0.7 | 12 | 0.1 | 0.4 | 0.2 | 38 | 0.19 | 0.041 | 7 | 67 | 0.55 | 126 | 0.046 | 0 | 0.89 | 0.006 | 0.06 | 0.3 | 0.1 | 3 | 0 | 0 | 3 | 0 | 0 |

| GPS Name | UTM N | UTM E | Date Taken | Horizon | Colour | Depth (cm) | Notes | Sampler(s) | Sample Name | Mo (PPM) | Cu (PPM) | Pb (PPM) | Zn (PPM) | Ag (PPM) | Ni (PPM) | Co (PPM) | Mn (PPM) | Fe (%) | As (PPM) | Au (PPB) | Th (PPM) | Sr (PPM) | Cd (PPM) | Sb (PPM) | Bi (PPM) | V (PPM) | Ca (%) | P (%) | La (PPM) | Cr (PPM) | Mg (%) | Ba (PPM) | Ti (%) | B (PPM) | Al (%) | Na (%) | K (%) | W (PPM) | Hg (PPM) | Sc (PPM) | Tl (PPM) | S (%) | Ga (PPM) | Se (PPM) | Te (PPM) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L28N/900E | 6163397 | 348904 | 31-Aug | B | brn grey | 35 | | Gavin | L28N 900E | 2.1 | 26.8 | 8.6 | 78 | 0.2 | 48.7 | 16 | 905 | 3.04 | 5.2 | 3 | 0.2 | 17 | 0.3 | 0.5 | 0.2 | 50 | 0.27 | 0.067 | 11 | 88 | 0.82 | 314 | 0.021 | 0 | 1.72 | 0.005 | 0.1 | 0.1 | 0.08 | 2.9 | 0.1 | 0.07 | 5 | 0 | 0 |
| L28N/950E | 6163400 | 348952 | 31-Aug | B | lt grey | 30 | | Gavin | L28N 950E | 1.9 | 23.6 | 5.7 | 67 | 0.1 | 37.5 | 7.6 | 369 | 2.51 | 5.5 | 4 | 1.1 | 12 | 0.2 | 0.8 | 0.2 | 40 | 0.21 | 0.05 | 11 | 62 | 0.72 | 225 | 0.035 | 0 | 1.24 | 0.004 | 0.08 | 0 | 0.28 | 2.6 | 0 | 0 | 4 | 0.5 | 0 |
| L30N/0W | 6163599 | 347999 | 31-Aug | C | lt brn | 10 | no B, very rocky | Gavin | L30N 0W | 1.2 | 37.7 | 8.4 | 86 | 0 | 52.8 | 10.3 | 613 | 2.16 | 29.5 | 5.5 | 1.9 | 28 | 0.9 | 18.4 | 0.1 | 31 | 3.34 | 0.091 | 14 | 51 | 0.57 | 85 | 0.056 | 0 | 0.72 | 0.004 | 0.06 | 0 | 39.55 | 3.2 | 0.1 | 0 | 2 | 0 | 0 |
| L30N/1000E | 6163602 | 348999 | 07-Sep | B | lt oj brn | 30 | | Gavin/Kevin | L30N 1000E | 2 | 19.3 | 24.8 | 20 | 0 | 18.9 | 10 | 298 | 2.6 | 2.7 | 1.9 | 0.9 | 38 | 0.1 | 0.3 | 0.8 | 64 | 0.36 | 0.068 | 6 | 77 | 0.48 | 151 | 0.025 | 0 | 0.64 | 0.01 | 0.05 | 1.1 | 0.03 | 2.4 | 0 | 0 | 2 | 0 | 0 |
| L30N/100E | 6163604 | 348100 | 31-Aug | B | oj | 35 | | Gavin | L30N 100E | 2.5 | 38.8 | 10.5 | 112 | 0.2 | 58.5 | 10.2 | 417 | 4.14 | 12.9 | 3.8 | 2.5 | 6 | 0.5 | 1.7 | 0.2 | 71 | 0.08 | 0.092 | 10 | 78 | 0.81 | 174 | 0.028 | 0 | 2.59 | 0.003 | 0.05 | 0 | 1.94 | 4.3 | 0.1 | 0 | 7 | 0 | 0 |
| L30N/100W | 6163593 | 347898 | 31-Aug | B | lt oj brn | 30 | | Gavin | L30N 100W | 1.7 | 14.3 | 8.2 | 44 | 0.4 | 19.5 | 4.4 | 389 | 2.75 | 15.6 | 1.3 | 0.5 | 6 | 0.2 | 1.3 | 0.2 | 58 | 0.1 | 0.112 | 10 | 55 | 0.36 | 58 | 0.052 | 0 | 1.16 | 0.003 | 0.03 | 0 | 0.31 | 1.8 | 0.1 | 0 | 5 | 0 | 0 |
| L30N/1050E | 6163001 | 349046 | 07-Sep | B | lt brn | 25 | | Gavin/Kevin | L30N 1050E | 2.1 | 20.6 | 24.3 | 22 | 0 | 25.5 | 11.4 | 307 | 2.68 | 2.2 | 2.8 | 0.7 | 42 | 0.1 | 0.2 | 0.5 | 66 | 0.39 | 0.066 | 6 | 96 | 0.6 | 170 | 0.031 | 0 | 0.64 | 0.012 | 0.06 | 0.7 | 0.03 | 3.4 | 0 | 0 | 2 | 0 | 0 |
| L30N/150E | 6163598 | 348157 | 31-Aug | B | lt-yel | 25 | | Gavin | L30N 150E | 1.2 | 14.3 | 5.2 | 45 | 0 | 25.4 | 4.8 | 241 | 2.65 | 7.2 | 1.2 | 1 | 7 | 0.2 | 1 | 0.1 | 48 | 0.12 | 0.104 | 7 | 63 | 0.34 | 95 | 0.059 | 0 | 1.05 | 0.003 | 0.04 | 0 | 0.74 | 2.1 | 0 | 0 | 4 | 0 | 0 |
| L30N/150W | 6163602 | 347851 | 31-Aug | B | brn | 25 | | Gavin | L30N 150W | 3.1 | 33.2 | 10.4 | 85 | 0.2 | 30.8 | 10.8 | 614 | 2.97 | 12.4 | 2.2 | 0.2 | 9 | 0.2 | 1.3 | 0.3 | 48 | 0.13 | 0.077 | 12 | 56 | 0.56 | 273 | 0.026 | 0 | 1.63 | 0.003 | 0.08 | 0 | 0.62 | 2 | 0.1 | 0 | 5 | 0 | 0 |
| L30N/200E | 6163596 | 348198 | 31-Aug | B | oj | 35 | | Gavin | L30N 200E | 1.5 | 20.1 | 8.4 | 69 | 0.2 | 37.7 | 6.9 | 328 | 3.59 | 16 | 2.7 | 1 | 7 | 0.5 | 3.2 | 0.1 | 69 | 0.15 | 0.124 | 7 | 88 | 0.47 | 56 | 0.074 | 0 | 1.24 | 0.004 | 0.03 | 0.1 | 2.53 | 2.7 | 0 | 0 | 5 | 0 | 0 |
| L30N/200W | 6163600 | 347800 | 31-Aug | B | brn | 25 | | Gavin | L30N 200W | 2.2 | 25.3 | 7.4 | 56 | 0.2 | 29.5 | 5.8 | 278 | 2.79 | 7.9 | 2.2 | 0.4 | 8 | 0.4 | 1.1 | 0.2 | 42 | 0.1 | 0.038 | 11 | 49 | 0.58 | 186 | 0.041 | 0 | 1.5 | 0.002 | 0.05 | 0 | 0.22 | 2 | 0 | 0 | 5 | 0 | 0 |
| L30N/250E | 6163598 | 348254 | 31-Aug | B | oj | 25 | | Gavin | L30N 250E | 2.2 | 17.1 | 8.5 | 47 | 0.7 | 24.4 | 4.6 | 201 | 4.44 | 11.1 | 1.4 | 1.2 | 5 | 0.3 | 1.6 | 0.2 | 65 | 0.07 | 0.069 | 8 | 88 | 0.38 | 58 | 0.067 | 0 | 1.47 | 0.003 | 0.03 | 0 | 11.77 | 2.6 | 0 | 0 | 5 | 0 | 0 |
| L30N/300E | 6163600 | 348303 | 31-Aug | B | lt brn | 25 | | Gavin | L30N 300E | 2 | 46.9 | 9.7 | 100 | 0.4 | 83.8 | 11.3 | 360 | 3.37 | 15.3 | 3.3 | 0.6 | 13 | 0.6 | 3.5 | 0.2 | 53 | 0.28 | 0.091 | 11 | 99 | 0.74 | 247 | 0.027 | 0 | 1.74 | 0.005 | 0.06 | 0 | 11.86 | 3.6 | 0.2 | 0 | 5 | 0 | 0 |
| L30N/350E | 6163600 | 348356 | 31-Aug | B | grey brn | 30 | | Gavin | L30N 350E | 1.4 | 31.3 | 7.1 | 76 | 0.1 | 53 | 10.5 | 508 | 2.57 | 7.5 | 4.2 | 1 | 15 | 0.6 | 1.2 | 0.2 | 34 | 0.55 | 0.07 | 11 | 75 | 0.72 | 205 | 0.022 | 0 | 1.25 | 0.004 | 0.07 | 0 | 0.68 | 3.1 | 0 | 0 | 4 | 0 | 0 |
| L30N/400E | 6163600 | 348400 | 31-Aug | N/S | | | Marsh | Gavin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L30N/450E | 6163600 | 348450 | 31-Aug | N/S | | | Marsh | Gavin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L30N/500E | 6163600 | 348500 | 31-Aug | N/S | | | Marsh | Gavin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L30N/50E | 6163593 | 348054 | 31-Aug | B | lt brn | 40 | | Gavin | L30N 50E | 1 | 7.7 | 7.6 | 32 | 0 | 8.6 | 2.2 | 315 | 1.36 | 6.6 | 3 | 0.8 | 5 | 0.2 | 1.1 | 0.2 | 39 | 0.1 | 0.057 | 13 | 29 | 0.18 | 91 | 0.041 | 0 | 0.95 | 0.002 | 0.05 | 0 | 1.13 | 1.4 | 0 | 0 | 5 | 0 | 0 |
| L30N/50W | 6163594 | 347944 | 31-Aug | B | lt brn | 10 | clayey | Gavin | L30N 050W | 2.2 | 52.8 | 10.7 | 105 | 0.1 | 67.5 | 13.6 | 817 | 3.04 | 19.1 | 3.9 | 1.5 | 15 | 1.1 | 8 | 0.2 | 42 | 0.72 | 0.089 | 17 | 62 | 0.77 | 152 | 0.048 | 0 | 1.37 | 0.004 | 0.08 | 0 | 3.29 | 3.9 | 0.1 | 0 | 4 | 0 | 0 |
| L30N/550E | 6163593 | 348557 | 31-Aug | B | oj-grey | 35 | sandy | Gavin | L30N 550E | 2.5 | 26.7 | 23.6 | 25 | 0 | 30.7 | 11.8 | 278 | 3.87 | 3.4 | 2.9 | 0.6 | 44 | 0 | 0.3 | 0.4 | 102 | 0.44 | 0.079 | 7 | 118 | 0.67 | 243 | 0.036 | 0 | 0.72 | 0.012 | 0.05 | 0.8 | 0.12 | 3.7 | 0 | 0 | 3 | 0 | 0 |
| L30N/600E | 6163596 | 348604 | 31-Aug | B | grey brn | 25 | sandy | Gavin | L30N 600E | 1.6 | 19.4 | 16.3 | 31 | 0 | 38 | 16.6 | 384 | 3.99 | 3.7 | 1 | 0.6 | 22 | 0.1 | 0.4 | 0.3 | 110 | 0.31 | 0.071 | 6 | 126 | 0.6 | 95 | 0.047 | 0 | 0.64 | 0.01 | 0.06 | 0.9 | 0.08 | 3.1 | 0 | 0 | 3 | 0 | 0 |
| L30N/650E | 6163598 | 348644 | 31-Aug | B | grey brn | 30 | sandy, next to old road | Gavin | L30N 650E | 1.6 | 20.9 | 23.7 | 33 | 0 | 32.6 | 15.8 | 375 | 3.9 | 2.2 | 1.7 | 0.6 | 27 | 0.2 | 0.2 | 0.4 | 119 | 0.34 | 0.079 | 6 | 132 | 0.71 | 159 | 0.046 | 0 | 0.74 | 0.012 | 0.06 | 0.5 | 0.03 | 4.4 | 0 | 0 | 3 | 0 | 0 |
| L30N/700E | 6163604 | 348702 | 07-Sep | B | Brn | 30 | sandy. | Gavin/Kevin | L30N 700E | 1.8 | 17.7 | 19.1 | 24 | 0 | 27 | 14 | 275 | 3.66 | 1.9 | 69.5 | 0.4 | 18 | 0.1 | 0.2 | 0.4 | 102 | 0.28 | 0.068 | 4 | 122 | 0.61 | 69 | 0.038 | 0 | 0.54 | 0.011 | 0.06 | 3 | 0.02 | 3.2 | 0 | 0 | 2 | 0 | 0 |
| L30N/750E | 6163605 | 348753 | 07-Sep | B | grey brn | 20 | | Gavin/Kevin | L30N 750E | 1.7 | 31.5 | 6.6 | 65 | 0 | 46 | 9.5 | 466 | 2.4 | 6.6 | 3.1 | 0.9 | 11 | 0.1 | 0.9 | 0.2 | 33 | 0.16 | 0.058 | 12 | 64 | 0.72 | 113 | 0.049 | 0 | 1.08 | 0.004 | 0.06 | 0 | 0.11 | 2.7 | 0 | 0 | 3 | 0 | 0 |
| L30N/800E | 6163602 | 348802 | 07-Sep | B | lt brn | 20 | | Gavin/Kevin | L30N 800E | 1.2 | 22.9 | 5.8 | 47 | 0 | 34.6 | 9.7 | 403 | 2.03 | 4.7 | 2.4 | 1.2 | 10 | 0 | 0.7 | 0.1 | 33 | 0.15 | 0.052 | 12 | 59 | 0.59 | 85 | 0.052 | 0 | 0.91 | 0.004 | 0.05 | 0 | 0.08 | 2.4 | 0 | 0 | 3 | 0 | 0 |
| L30N/850E | 6163598 | 348853 | 07-Sep | B | oj brn | 25 | | Gavin/Kevin | L30N 850E | 1.3 | 12.1 | 6.2 | 26 | 0 | 22.9 | 6 | 403 | 3.01 | 3.4 | 2.2 | 0.5 | 10 | 0.1 | 0.3 | 0.1 | 82 | 0.15 | 0.048 | 4 | 110 | 0.36 | 79 | 0.069 | 0 | 0.74 | 0.007 | 0.04 | 0.3 | 0.02 | 2 | 0 | 0 | 3 | 0 | 0 |
| L30N/900E | 6163598 | 348906 | 07-Sep | B | yel brn | 50 | | Gavin/Kevin | L30N 900E | 1.2 | 20.2 | 9.3 | 33 | 0 | 53.9 | 12.1 | 214 | 3.06 | 4.3 | 0.7 | 0.9 | 12 | 0.3 | 0.5 | 0.2 | 58 | 0.2 | 0.055 | 4 | 122 | 0.6 | 83 | 0.05 | 0 | 1 | 0.007 | 0.04 | 0.2 | 0.05 | 2.5 | 0 | 0 | 2 | 0 | 0 |
| L30N/950E | 6163601 | 348954 | 07-Sep | B | oj brn | 35 | | Gavin/Kevin | L30N 950E | 1 | 19.9 | 8.1 | 40 | 0.3 | 35.2 | 11.1 | 364 | 3.54 | 3.5 | 5.5 | 0.5 | 17 | 0.2 | 0.3 | 0.2 | 87 | 0.24 | 0.093 | 4 | 113 | 0.54 | 82 | 0.06 | 0 | 0.92 | 0.009 | 0.04 | 0.2 | 0.03 | 2.9 | 0 | 0 | 4 | 0 | 0 |
| L3S/1400W | 6160406 | 346600 | 04-Sep | B | oj | 20 | | Gavin/Kevin | L3S 1400W | 8.6 | 52.1 | 12.2 | 53 | 0.4 | 13.3 | 4.7 | 263 | 3.58 | 10 | 1.4 | 0.3 | 3 | 0 | 1.1 | 0.4 | 54 | 0.02 | 0.074 | 18 | 18 | 0.34 | 91 | 0.006 | 0 | 1.57 | 0.002 | 0.05 | 0 | 0.04 | 1.2 | 0.2 | 0 | 7 | 0.8 | 0 |
| L3S/1450W | 6160401 | 346550 | 04-Sep | B | oj brn | 20 | | Gavin/Kevin | L3S 1450W | 4.4 | 30 | 16.4 | 50 | 0.1 | 13.2 | 4.1 | 180 | 1.98 | 20.2 | 0.9 | 0 | 4 | 0 | 5.8 | 0.3 | 42 | 0.03 | 0.048 | 15 | 21 | 0.24 | 96 | 0.006 | 0 | 1.28 | 0.002 | 0.04 | 0 | 0.02 | 0.8 | 0.2 | 0 | 5 | 0 | 0 |
| L3S/1500W | 6160396 | 346499 | 04-Sep | B | grey brn | 20 | | Gavin/Kevin | L3S 1500W | 3.4 | 24.3 | 12.7 | 43 | 0.7 | 12.1 | 4.2 | 366 | 1.67 | 6.7 | 1.4 | 0 | 4 | 0.2 | 2 | 0.4 | 56 | 0.07 | 0.061 | 16 | 21 | 0.23 | 92 | 0.013 | 0 | 1.23 | 0.002 | 0.05 | 0 | 0.03 | 0.7 | 0.1 | 0 | 8 | 0.5 | 0 |
| L3S/1550W | 6160402 | 346450 | 04-Sep | B | grey brn | 20 | | Gavin/Kevin | L3S 1550W | 6.1 | 34.9 | 17.6 | 57 | 0.2 | 13.3 | 4.5 | 329 | 2.01 | 14.4 | 0 | 0 | 5 | 0 | 5.7 | 0.4 | 51 | 0.02 | 0.061 | 18 | 18 | 0.12 | 148 | 0.006 | 0 | 1.15 | 0.002 | 0.04 | 0 | 0.03 | 0.7 | 0.2 | 0 | 7 | 0 | 0 |
| L3S/1600W | 6160402 | 346405 | 04-Sep | B | brn | 20 | | Gavin/Kevin | L3S 1600W | 1.4 | 9.7 | 18.8 | 28 | 0.2 | 9.4 | 2.6 | 194 | 1.08 | 4.2 | 0 | 0 | 5 | 0 | 1.9 | 0.3 | 46 | 0.05 | 0.046 | 15 | 27 | 0.26 | 85 | 0.025 | 0 | 1.29 | 0.002 | 0.04 | 0 | 0.03 | 0.8 | 0.2 | 0 | 9 | 0 | 0 |
| L3S/1650W | 6160400 | 346350 | 04-Sep | B | brn | 15 | | Gavin/Kevin | L3S 1650W | 2.9 | 32.9 | 8.5 | 47 | 0.2 | 17.1 | 6.6 | 540 | 3.36 | 4.3 | 1.8 | 0 | 4 | 0.2 | 0.8 | 0.3 | 122 | 0.17 | 0.09 | 12 | 48 | 0.43 | 110 | 0.042 | 0 | 1.86 | 0.004 | 0.04 | 0 | 0.04 | 2.1 | 0.2 | 0 | 10 | 0 | 0 |
| L3S/1700W | 6160399 | 346297 | 04-Sep | B | brn | 25 | Next to talus field. | Gavin/Kevin | L3S 1700W | 2.8 | 47.2 | 7.9 | 67 | 0 | 23.5 | 9.2 | 458 | 3.67 | 6.2 | 1.1 | 0.4 | 8 | 0.2 | 0.7 | 0.2 | 67 | 0.12 | 0.071 | 12 | 38 | 0.57 | 68 | 0.055 | 0 | 1.78 | 0.004 | 0.05 | 0 | 0.04 | 2.6 | 0 | 0 | 6 | 0 | 0 |
| L3S/1750W | 6160403 | 346255 | 04-Sep | B | red brn | 15 | | Gavin/Kevin | L3S 1750W | 1.5 | 34.6 | 6.8 | 52 | 0.2 | 12.4 | 8 | 471 | 6.41 | 2.7 | 0 | 0.4 | 7 | 0.5 | 0.6 | 0.3 | 213 | 0.38 | 0.117 | 7 | 28 | 0.37 | 57 | 0.407 | 0 | 2.04 | 0.005 | 0.04 | 0.1 | 0.05 | 4.2 | 0.1 | 0 | 12 | 0.6 | 0 |
| L3S/1800W | 6160391 | 346202 | 04-Sep | B | brn | 20 | | Gavin/Kevin | L3S 1800W | 1.1 | 37.4 | 4.5 | 56 | 0.7 | 13.7 | 12.6 | 1387 | 6.26 | 2.6 | 0.6 | 0.1 | 7 | 0.4 | 0.4 | 0.2 | 170 | 0.23 | 0.142 | 5 | 30 | 0.38 | 59 | 0.23 | 0 | 2.23 | 0.004 | 0.05 | 0 | 0.11 | 4.1 | 0.1 | 0.08 | 8 | 0.6 | 0 |
| L3S/1850W | 6160406 | 346151 | 04-Sep | B | brn | 15 | | Gavin/Kevin | L3S 1850W | 1.1 | 31.5 | 4 | 57 | 0.3 | 17.3 | 11 | 650 | 5.28 | 2.1 | 1.9 | 0.3 | 8 | 0.3 | 0.4 | 0.2 | 159 | 0.41 | 0.097 | 6 | 67 | 0.56 | 64 | 0.216 | 0 | 2.29 | 0.006 | 0.04 | 0 | 0.07 | 4.4 | 0 | 0 | 9 | 0 | 0 |
| L3S/1900W | 6160395 | 346101 | 04-Sep | B | dk-brn | 20 | | Gavin/Kevin | L3S 1900W | 9.9 | 104.8 | 14.7 | 136 | 0.5 | 29.9 | 14.8 | 910 | 3.42 | 9.2 | 2.3 | 0.4 | 50 | 0.4 | 1 | 0.4 | 33 | 0.54 | 0.182 | 17 | 18 | 0.31 | 583 | 0.002 | 0 | 1.9 | 0.005 | 0.08 | 0 | 0.07 | 0.8 | 0.2 | 0.09 | 5 | 1.2 | 0 |
| L3S/1950W | 6160407 | 346051 | 04-Sep | B | brn | 10 | | Gavin/Kevin | L3S 1950W | 4.8 | 31 | 9.4 | 39 | 0.4 | 8 | 2.9 | 245 | 1.48 | 2.5 | 1 | 0 | 8 | 0 | 0.4 | 0.3 | 40 | 0.02 | 0.062 | 16 | 13 | 0.09 | 94 | 0.005 | 0 | 1.07 | 0.002 | 0.05 | 0 | 0.03 | 0.4 | 0.3 | 0 | 7 | 0 | 0 |
| L3S/2000W | 6160397 | 346004 | 04-Sep | B | brn | 15 | | Gavin/Kevin | L3S 2000W | 3 | 28.7 | 11.2 | 37 | 0.2 | 8.9 | 7.8 | 3844 | 2.31 | 3.1 | 0.7 | 0 | 4 | 0 | 0.4 | 0.3 | 62 | 0.03 | 0.1 | 13 | 28 | 0.12 | 230 | 0.006 | 0 | 1.07 | 0.002 | 0.06 | 0 | 0.02 | 0.3 | 0.3 | 0 | 7 | 0 | 0 |
| L3S/2050W | 6160400 | 345946 | 04-Sep | B | lt brn | 5 | | Gavin/Kevin | L3S 2050W | 4.3 | 14.5 | 5.4 | 27 | 0.1 | 5.2 | 1.6 | 59 | 0.86 | 2 | 0 | 0.2 | 3 | 0 | 0.3 | 0.3 | 38 | 0.03 | 0.038 | 19 | 10 | 0.11 | 76 | 0.007 | 0 | 1.16 | 0.002 | 0.04 | 0 | 0.02 | 0.8 | 0.3 | 0 | 7 | 0 | 0 |
| L3S/2100W | 6160396 | 345900 | 04-Sep | B | lt brn | 10 | | Gavin/Kevin | L3S 2100W | 5.9 | 67.8 | 3.8 | 63 | 0.2 | 13.3 | 3.6 | 101 | 1.66 | 3.5 | 0 | 0.2 | 3 | 0 | 4.1 | 0.3 | 39 | 0.01 | 0.048 | 18 | 12 | 0.06 | 72 | 0.006 | 0 | 0.69 | 0.002 | 0.04 | 0 | 0 | 0.9 | 0.3 | 0 | 5 | 0 | 0 |
| L3S/2150W | 6160406 | 345848 | 04-Sep | B | lt brn | 15 | | Gavin/Kevin | L3S 2150W | 7.8 | 27.6 | 14.1 | 40 | 0.5 | 8.1 | 3.1 | 198 | 1.68 | 4.8 | 2.5 | 0.8 | 3 | 0 | 0.8 | 0.4 | 41 | 0.03 | 0.064 | 26 | 14 | 0.11 | 87 | 0.006 | 0 | 1.02 | 0.001 | 0.05 | 0 | 0.02 | 1.3 | 0.3 | 0 | 8 | 0.6 | 0 |
| L3S/2200W | 6160400 | 345800 | 04-Sep | B | brn | 10 | | Gavin/Kevin | L3S 2200W | 1.9 | 16.8 | 6.5 | 23 | 0.2 | 7.1 | 2.1 | 138 | 1.02 | 1.5 | 1.4 | 0.1 | 5 | 0 | 0.3 | 0.2 | 26 | 0.03 | 0.068 | 15 | 22 | 0.12 | 91 | 0.006 | 0 | 0.95 | 0.002 | 0.05 | 0 | 0.01 | 0.5 | 0.2 | 0 | 6 | 0 | 0 |
| L3S/2250W | 6160399 | 345752 | 04-Sep | B | brn | 15 | | Gavin/Kevin | L3S 2250W | 1 | 9.8 | 6.2 | 20 | 0.3 | 8.8 | 1.9 | 87 | 0.71 | 0.6 | 0.6 | 0.1 | 4 | 0 | 0 | 0.2 | 35 | 0.03 | 0.041 | 12 | 29 | 0.28 | 130 | 0.009 | 0 | 1.44 | 0.002 | 0.03 | 0 | 0.02 | 1 | 0.2 | 0 | 8 | 0 | 0 |
| L3S/2300W | 6160402 | 345702 | 04-Sep | B | brn | 20 | | Gavin/Kevin | L3S 2300W | 2.9 | 43.2 | 4.9 | 51 | 0.2 | 44.5 | 13.2 | 496 | 3.62 | 4.5 | 0 | 1 | 4 | 0.1 | 0.3 | 0.1 | 78 | 0.03 | 0.046 | 10 | 78 | 1.11 | 83 | 0.007 | 0 | 2.11 | 0.002 | 0.03 | 0 | 0.02 | 5.4 | 0.2 | 0 | 6 | 0 | 0 |
| L3S/2350W | 6160402 | 345649 | 04-Sep | B | brn | 15 | | Gavin/Kevin | L3S 2350W | 8.4 | 70.8 | 14.7 | 102 | 0.9 | 34.8 | 12.9 | 236 | 3.28 | 9.2 | 1.6 | 0.4 | 9 | 0.3 | 2.8 | 0.4 | 54 | 0.03 | 0.128 | 20 | 32 | 0.3 | 145 | 0.005 | 0 | 1.67 | 0.004 | 0.06 | 0 | 0.04 | 0.7 | 0.3 | 0 | 7 | 0.9 | 0 |
| L3S/2400W | 6160406 | 345601 | 04-Sep | B | brn | 15 | | Gavin/Kevin | L3S 2400W | 0.8 | 45.7 | 6.4 | 48 | 0.2 | 14 | 17 | 1850 | 3.8 | 2 | 0 | 0 | 7 | 0.2 | 0.3 | 0.2 | 166 | 0.73 | 0.134 | 5 | 49 | 0.39 | 222 | 0.184 | 0 | 1.64 | 0.007 | 0.05 | 0.1 | 0.06 | 4.1 | 0.2 | 0 | 8 | 0 | 0 |
| L3S/2450W | 6160407 | 345549 | 04-Sep | B | oj brn | 30 | | Gavin/Kevin | L3S 2450W | 1.7 | 36.4 | 6.3 | 55 | 0.3 | 19.2 | 6.9 | 297 | 3.56 | 4.6 | 0 | 0.3 | 5 | 0.2 | 0.6 | 0.2 | 74 | 0.07 | 0.062 | 10 | 39 | 0.51 | 70 | 0.039 | 0 | 1.77 | 0.003 | 0.04 | 0 | 0.04 | 2.3 | 0.1 | 0 | 7 | 0 | 0 |
| L3S/2500W | 6160403 | 345500 | 04-Sep | B | red brn | 35 | | Gavin/Kevin | L3S 2500W | 2.6 | 41.6 | 5.7 | 61 | 1.2 | 20.5 | 10.8 | 730 | 5.76 | 4 | 1.5 | 0.3 | 5 | 0.4 | 0.6 | 0.3 | 118 | 0.12 | 0.11 | 8 | 60 | 0.58 | 89 | 0.124 | 0 | 2.4 | 0.005 | 0.04 | 0.1 | 0.05 | 4.1 | 0.2 | 0 | 8 | 0.8 | 0 |
| L3S/2550W | 6160408 | 345447 | 04-Sep | B | brn | 10 | | Gavin/Kevin | L3S 2550W | 2.4 | 35.9 | 6.7 | 65 | 0.2 | 18.3 | 8.1 | 425 | 2.87 | 3.4 | 1.3 | 0.1 | 10 | 0.2 | 0.8 | 0.3 | 79 | 0.22 | 0.075 | 9 | 39 | 0.52 | 116 | 0.088 | 0 | 1.43 | 0.005 | 0.07 | 0 | 0.03 | 2.2 | 0.1 | 0 | 7 | 0.7 | 0 |
| L3S/2600W | 6160406 | 345400 | 04-Sep | B | oj brn | 20 | | Gavin/Kevin | L3S 2600W | 3 | 38.1 | 6.4 | 50 | 0.2 | 15.9 | 5.2 | 204 | 3.67 | 6.2 | 1.2 | 0.7 | 6 | 0 | 0.8 | 0.2 | 64 | 0.08 | 0.077 | 18 | 29 | 0.41 | 74 | 0.046 | 0 | 1.65 | 0.002 | 0.03 | 0.1 | 0.04 | 2.3 | 0.1 | 0 | 6 | 0.7 | 0 |
| L3S/2650W | 6160402 | 345349 | 04-Sep | B | lt oj brn | 25 | | Gavin/Kevin | L3S 2650W | 4.4 | 44.3 | 8.1 | 60 | 0.2 | 18.7 | 4.9 | 265 | 3.43 | 6.7 | 0 | 0.4 | 6 | 0.1 | 0.9 | 0.2 | 46 | 0.06 | 0.072 | 18 | 20 | 0.44 | 79 | 0.012 | 0 | 1.45 | 0.002 | 0.04 | 0 | 0.03 | 1.2 | 0.1 | 0 | 5 | 1 | 0 |
| L3S/2700W | 6160401 | 345303 | 04-Sep | B | brn | 15 | | Gavin/Kevin | L3S 2700W | 2.4 | 21.4 | 6.9 | 41 | 0.9 | 9 | 2.9 | 190 | 2.17 | 2.3 | 1.7 | 0 | 6 | 0.3 | 0.4 | 0.4 | 49 | 0.1 | 0.098 | 18 | 15 | 0.24 | 89 | 0.01 | 0 | 1.12 | 0.003 | 0.07 | 0 | 0.03 | 0.4 | 0.1 | 0 | 5 | 0 | 0 |
| L42N/1000W | 6164799 | 347001 | 26-Aug | B | lt brn | 50 | 40cm of grey A horiz above B | Gavin/Radio | L42N 1000W | 1.5 | 21.9 | 6 | 56 | 0.2 | 33.6 | 6.5 | 310 | 2.03 | 2.3 | 1.4 | 1.8 | 7 | 0.2 | 0.4 | 0.2 | 36 | 0.09 | 0.043 | 12 | 52 | 0.61 | 146 | 0.037 | 0 | 1.5 | 0.004 | 0.07 | 0 | 0.07 | 2.8 | 0.1 | 0 | 5 | 0 | 0 |
| L42N/1050W | 6164796 | 346954 | 26-Aug | B | oj | 35 | | Gavin/Radio | L42N 1050W | 2.1 | 33.1 | 6.6 | 92 | 0.2 | 49.1 | 12.2 | 658 | 4.5 | 8.5 | 1.5 | 2.1 | 7 | 0.4 | 0.7 | 0.2 | 64 | 0.1 | 0.161 | 9 | 92 | 0.82 | 135 | 0.048 | 0 | 2.14 | 0.004 | 0.04 | 0 | 0.06 | 3.8 | 0.1 | 0 | 6 | 0 | 0 |
| L42N/1100W | 6164797 | 346901 | 26-Aug | B | lt brn | 30 | | Gavin/Radio | L42N 1100W | 2.3 | 21.3 | 6.6 | 54 | 0.2 | 28.8 | 5.7 | 219 | 2.8 | 6.2 | 1.5 | 1.3 | 6 | 0.3 | 0.5 | 0.2 | 53 | 0.08 | 0.092 | 10 | 65 | 0.53 | 92 | 0.04 | 0 | 1.56 | 0.004 | 0.04 | 0 | 0.12 | 3 | 0.1 | 0 | 5 | 0 | 0 |
| L42N/1150W | 6164801 | 346853 | 26-Aug | N/S | | | Marsh, flagged for prev 2 also | Gavin/Radio | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L42N/1200W | 6164800 | 346800 | 26-Aug | N/S | | | In middle of lake, not flagged | Gavin/Radio | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L42N/1250W | 6164800 | 346750 | 26-Aug | N/S | | | In middle of lake, not flagged | Gavin/Radio | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L42N/1300W | 6164799 | 346707 | 26-Aug | N/S | | | Marsh | Gavin/Radio | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L42N/1350W | 6164794 | 346651 | 26-Aug | N/S | | | Marsh | Gavin/Radio | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L42N/1400W | 6164799 | 346613 | 26-Aug | N/S | | | Marsh | Gavin/Radio | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L42N/1450W | 6164811 | 346544 | 26-Aug | B | lt brn | 65 | On E edge of marsh, clayey | Gavin/Radio | L42N 1450W | 2.7 | 36.1 | 7.3 | 72 | 0.5 | 34.5 | 10.9 | 590 | 2.77 | 5.4 | 1.2 | 0.4 | 18 | 0.7 | 0.5 | 0.2 | 49 | 0.8 | 0.047 | 14 | 49 | 0.51 | 276 | 0.026 | 0 | 1.51 | 0.004 | 0.05 | 0 | 0.14 | 2.9 | 0.1 | 0 | 5 | 0.5 | 0 |
| L42N/1500W | 6164795 | 346500 | 26-Aug | B | brn | 45 | | Gavin/Radio | L42N 1500W | 3 | 54.7 | 9.8 | 111 | 0.4 | 41.8 | 14.3 | 1195 | 3.07 | 8.3 | 3.2 | 0.8 | 19 | 0.9 | 0.8 | 0.2 | 42 | 0.88 | 0.128 | 14 | 51 | 0.63 | 311 | 0.011 | 0 | 1.55 | 0.004 | 0.08 | 0 | 0.24 | 3 | 0.1 | 0 | 4 | 0.7 | 0 |
| L42N/1550W | 6164793 | 346457 | 26-Aug | B | lt brn | 45 | Sandy | Gavin/Radio | L42N 1550W | 3.3 | 57.2 | 11.6 | 137 | 0.2 | 45.3 | 17.3 | 1176 | 3.49 | 11.1 | 1.7 | 1 | 18 | 1.1 | 1.2 | 0.2 | 44 | 0.54 | 0.09 | 15 | 58 | 0.62 | 279 | 0.015 | 0 | 1.46 | 0.004 | 0.07 | 0 | 0.16 | 3.5 | 0.1 | 0 | 4 | 0.6 | 0 |
| L42N/1600W | 6164797 | 346407 | 26-Aug | B | lt brn | 55 | | Gavin/Radio | L42N 1600W | 3 | 54.7 | 9.4 | 91 | 0.3 | 49.9 | 13.1 | 764 | 3.15 | 9.5 | 3.6 | 0.9 | 15 | 0.6 | 1.2 | 0.2 | 39 | 0.5 | 0.064 | 14 | 64 | 0.65 | 227 | 0.015 | 0 | 1.22 | 0.004 | 0.06 | 0 | 0.31 | 3.8 | 0.1 | 0 | 4 | 0.8 | 0 |
| L42N/1650W | 6164808 | 346349 | 26-Aug | B | brn | 35 | | Gavin/Radio | L42N 1650W | 3.3 | 55.6 | 10 | 119 | 0.4 | 47.3 | 13.9 | 623 | 3.4 | 11.1 | 2.1 | 0.6 | 16 | 1 | 1 | 0.2 | 48 | 0.69 | 0.077 | 17 | 53 | 0.59 | 237 | 0.015 | 0 | 1.59 | 0.003 | 0.06 | 0 | 0.2 | 3.4 | 0.1 | 0 | 5 | 1.1 | 0 |
| L42N/1700W | 6164798 | 346302 | 26-Aug | B | brn | 30 | | Gavin/Radio | L42N 1700W | 3.3 | 57 | 11.8 | 119 | 0.2 | 32.1 | 15.4 | 2051 | 3.17 | 10 | 1.1 | 0.6 | 20 | 1.9 | 1 | 0.3 | 44 | 0.97 | 0.101 | 15 | 37 | 0.51 | 414 | 0.012 | 0 | 1.55 | 0.003 | 0.06 | 0 | 0.16 | 2.7 | 0.1 | 0 | 4 | 0.9 | 0 |
| L42N/1750W | 6164794 | 346248 | 26-Aug | B | brn | 40 | | Gavin/Radio | L42N 1750W | 3.9 | 71.8 | 11.5 | 163 | 0.7 | 29.3 | 14.9 | 3576 | 3.12 | 8.8 | 1.8 | 0.6 | 21 | 2.4 | 1.1 | 0.3 | 44 | 1.17 | 0.15 | 20 | 42 | 0.42 | 438 | 0.01 | 0 | 1.65 | 0.003 | 0.05 | 0 | 0.32 | 2.5 | 0.1 | 0 | 5 | 2 | 0 |
| L42N/1800W | 6164809 | 346202 | 26-Aug | B | oj brn | 35 | | Gavin/Radio | L42N 1800W | 4.5 | 43.4 | 13.5 | 161 | 0.3 | 37.7 | 18.5 | 525 | 5.44 | 13.5 | 1.5 | 2.8 | 9 | 0.8 | 1 | 0.3 | 71 | 0.27 | 0.038 | 13 | 47 | 0.63 | 470 | 0.024 | 0 | 2.64 | 0.003 | 0.05 | 0 | 0.11 | 4.7 | 0.1 | 0 | 7 | 0 | 0 |
| L42N/1850W | 6164798 | 346150 | 26-Aug | B | red brn | 25 | | Gavin/Radio | L42N 1850W | 5.4 | 64.7 | 13 | 114 | 0.4 | 24.1 | 10.6 | 402 | 3.95 | 19.2 | 3.1 | 3.5 | 4 | 0.6 | 1.1 | 0.3 | 49 | 0.06 | 0.062 | 15 | 29 | 0.39 | 145 | 0.02 | 0 | 1.94 | 0.002 | 0.04 | 0 | 0.19 | 3.6 | 0.2 | 0 | 5 | 0.7 | 0 |
| L42N/1900W | 6164802 | 346102 | 26-Aug | B | oj brn | 35 | | Gavin/Radio | L42N 1900W | 3.9 | 46.1 | 9.9 | 80 | 0.5 | 23.7 | 7.1 | 429 | 3.68 | 9.9 | 0.9 | 2.1 | 5 | 0.2 | 1 | 0.3 | 46 | 0.06 | 0.166 | 14 | 25 | 0.42 | 170 | 0.019 | 0 | 1.44 | 0.003 | 0.06 | 0 | 0.08 | 2.9 | 0.1 | 0 | 5 | 0.6 | 0 |
| L42N/1950W | 6164805 | 346051 | 26-Aug | B | oj brn | 35 | | Gavin/Radio | L42N 1950W | 6 | 48.8 | 11.3 | 80 | 0.6 | 17.7 | 9 | 895 | 5.07 | 11.2 | 0.5 | 2 | 5 | 0.3 | 1 | 0.4 | 59 | 0.08 | 0.153 | 16 | 25 | 0.34 | 152 | 0.035 | 0 | 1.47 | 0.002 | 0.06 | 0 | 0.06 | 2.6 | 0.2 | 0 | 6 | 0.7 | 0 |
| L42N/2000W | 6164804 | 346004 | 26-Aug | B | brn | 30 | | Gavin/Radio | L42N 2000W | 4.6 | 33.1 | 10.7 | 55 | 0.2 | 10.7 | 4.9 | 341 | 2.22 | 7 | 0.5 | 1.8 | 5 | 0.3 | 0.9 | 0.3 | 51 | 0.07 | 0.098 | 19 | 15 | 0.12 | 138 | 0.029 | 0 | 0.9 | 0.003 | 0.07 | 0 | 0.03 | 1.8 | 0.1 | 0 | 6 | 0 | 0 |
| L42N/2050W | 6164800 | 345953 | 26-Aug | B | oj brn | 30 | | Gavin/Radio | L42N 2050W | 7.3 | 82.5 | 22.5 | 286 | 0.6 | 40.5 | 33 | 1566 | 4.91 | 11.2 | 0.8 | 2.1 | 51 | 1 | 0.9 | 0.5 | 44 | 0.49 | 0.122 | 26 | 29 | 0.43 | 610 | 0.005 | 0 | 2.28 | 0.004 | 0.07 | 0 | 0.09 | 3.4 | 0.2 | 0 | 6 | 1.5 | 0 |
| L42N/2100W | 6164800 | 345904 | 26-Aug | B | oj brn | 30 | | Gavin/Radio | L42N 2100W | 5.6 | 53.7 | 13 | 70 | 0.2 | 19.3 | 6.3 | 266 | 4.71 | 9.7 | 1.1 | 2 | 5 | 0.4 | 1.2 | 0.4 | 49 | 0.07 | 0.055 | 18 | 26 | 0.3 | 87 | 0.036 | 0 | 1.38 | 0.002 | 0.06 | 0 | 0.06 | 2.2 | 0.1 | 0 | 6 | 0.5 | 0 |
| L42N/2150W | 6164802 | 345848 | 26-Aug | B | oj brn | 30 | | Gavin/Radio | L42N 2150W | 4.6 | 43.7 | 9.4 | 80 | 0.4 | 22.4 | 8 | 559 | 4.41 | 8.7 | 0.6 | 2.1 | 4 | 0.3 | 1.1 | 0.3 | 52 | 0.07 | 0.148 | 12 | 28 | 0.36 | 62 | 0.048 | 0 | 1.2 | 0.002 | 0.06 | 0 | 0.07 | 2.7 | 0.1 | 0 | 5 | 0 | 0 |
| L42N/2200W | 6164808 | 345798 | 26-Aug | B | oj brn | 30 | | Gavin/Radio | L42N 2200W | 5.3 | 52.9 | 10.5 | 90 | 0.5 | 27.5 | 8.6 | 421 | 5.03 | 10 | 1.9 | 1.1 | 4 | 0.3 | 1.2 | 0.3 | 51 | 0.05 | 0.116 | 12 | 32 | 0.45 | 93 | 0.021 | 0 | 1.62 | 0.001 | 0.05 | 0 | 0.07 | 2.5 | 0.1 | 0 | 5 | 0.7 | 0 |
| L42N/2250W | 6164800 | 345750 | 26-Aug | B | lt brn | 25 | | Gavin/Radio | L42N 2250W | 5.4 | 42.5 | 11 | 62 | 0.3 | 15.6 | 5.3 | 247 | 3.3 | 8.1 | 1 | 1.1 | 5 | 0.3 | 1 | 0.3 | 55 | 0.08 | 0.135 | 16 | 19 | 0.21 | 83 | 0.028 | 0 | 1.08 | 0.002 | 0.07 | 0 | 0.04 | 2 | 0.1 | 0 | 6 | 0.6 | 0 |
| L42N/250W | 6164800 | 347750 | 26-Aug | B | lt oj brn | 35 | | Gavin/Radio | L42N 250W | 1.2 | 8.9 | 5.1 | 55 | 0.3 | 18 | 5.1 | 255 | 2.63 | 1.7 | 0 | 1.5 | 6 | 0.2 | 0.3 | 0.1 | 57 | 0.18 | 0.103 | 10 | 46 | 0.52 | 67 | 0.11 | 0 | 1.46 | 0.003 | 0.04 | 0 | 0.03 | 2.8 | 0 | 0 | 7 | 0 | 0 |

| GPS Name | UTM N | UTM E | Date Taken | Horizon | Colour | Depth (cm) | Notes | Sampler(s) | Sample Name | Mo (PPM) | Cu (PPM) | Pb (PPM) | Zn (PPM) | Ag (PPM) | Ni (PPM) | Co (PPM) | Mn (PPM) | Fe (%) | As (PPM) | Au (PPB) | Th (PPM) | Sr (PPM) | Cd (PPM) | Sb (PPM) | Bi (PPM) | V (PPM) | Ca (%) | P (%) | La (PPM) | Cr (PPM) | Mg (%) | Ba (PPM) | Ti (%) | B (PPM) | Al (%) | Na (%) | K (%) | W (PPM) | Hg (PPM) | Sc (PPM) | Tl (PPM) | S (%) | Ga (PPM) | Se (PPM) | Te (PPM) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L42N/300W | 6164797 | 347706 | 26-Aug | B | lt oj brn | 35 | | Gavin/Radio | L42N 300W | 2.5 | 24.5 | 6.4 | 97 | 0.1 | 37.3 | 9.9 | 457 | 3.83 | 7.1 | 1.1 | 2 | 5 | 0.7 | 0.9 | 0.2 | 58 | 0.13 | 0.163 | 10 | 70 | 0.59 | 77 | 0.068 | 0 | 1.74 | 0.003 | 0.03 | 0 | 0.03 | 3 | 0 | 0 | 4 | 0 | 0 |
| L42N/350W | 6164800 | 347651 | 26-Aug | B | grey brn | 30 | clayey | Gavin/Radio | L42N 350W | 0.9 | 14.9 | 6.4 | 38 | 0.2 | 26.2 | 4.4 | 175 | 1.66 | 2.3 | 1.4 | 0.1 | 8 | 0.1 | 0.3 | 0.2 | 33 | 0.1 | 0.044 | 10 | 63 | 0.5 | 125 | 0.032 | 0 | 1.13 | 0.003 | 0.05 | 0 | 0.08 | 1.6 | 0 | 0 | 4 | 0 | 0 |
| L42N/400W | 6164800 | 347600 | 26-Aug | B | grey brn | 35 | clayey | Gavin/Radio | L42N 400W | 1 | 13.9 | 5 | 56 | 0.2 | 37.7 | 7.8 | 271 | 1.79 | 2.7 | 0.6 | 0.9 | 9 | 0.1 | 0.2 | 0.1 | 38 | 0.12 | 0.033 | 11 | 77 | 0.71 | 163 | 0.038 | 0 | 1.23 | 0.003 | 0.04 | 0 | 0.04 | 2.6 | 0 | 0 | 4 | 0 | 0 |
| L42N/450W | 6164802 | 347552 | 26-Aug | B | brn | 40 | | Gavin/Radio | L42N 450W | 1.6 | 29.7 | 6.4 | 89 | 0.2 | 77.9 | 11.8 | 429 | 2.28 | 3.6 | 0.8 | 0.2 | 16 | 0.3 | 0.4 | 0.2 | 40 | 0.23 | 0.041 | 11 | 168 | 0.63 | 237 | 0.031 | 0 | 1.73 | 0.004 | 0.06 | 0 | 0.06 | 2.6 | 0.1 | 0 | 5 | 0.5 | 0 |
| L42N/500W | 6164800 | 347503 | 26-Aug | B | grey brn | 50 | clayey | Gavin/Radio | L42N 500W | 11.7 | 32.6 | 6.3 | 106 | 0.4 | 96.7 | 18.9 | 1578 | 3.9 | 8.7 | 2.3 | 0.3 | 21 | 0.6 | 0.4 | 0.1 | 46 | 0.27 | 0.086 | 18 | 111 | 0.64 | 320 | 0.017 | 0 | 1.97 | 0.004 | 0.04 | 0 | 0.17 | 3.1 | 0.2 | 0 | 4 | 0.5 | 0 |
| L42N/550W | 6164795 | 347447 | 26-Aug | N/S | | | Marshy spot | Gavin/Radio | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L42N/600W | 6164793 | 347403 | 26-Aug | B | lt brn | 35 | 5cm A horiz above | Gavin/Radio | L42N 600W | 1.2 | 12.8 | 3.9 | 34 | 0 | 24.5 | 4.1 | 182 | 1.54 | 3.2 | 0.5 | 0.5 | 9 | 0.1 | 0.3 | 0 | 41 | 0.14 | 0.024 | 8 | 57 | 0.42 | 128 | 0.078 | 0 | 0.95 | 0.003 | 0.03 | 0 | 0.03 | 1.9 | 0 | 0 | 4 | 0 | 0 |
| L42N/650W | 6164795 | 347353 | 26-Aug | B | lt brn | 35 | | Gavin/Radio | L42N 650W | 1.4 | 14.2 | 4.9 | 38 | 0.2 | 23.5 | 4.7 | 246 | 2.05 | 4.9 | 0 | 0.6 | 11 | 0.2 | 0.4 | 0.1 | 50 | 0.17 | 0.033 | 8 | 68 | 0.34 | 150 | 0.091 | 0 | 0.83 | 0.004 | 0.04 | 0 | 0.05 | 1.9 | 0 | 0 | 4 | 0 | 0 |
| L42N/700W | 6164790 | 347303 | 26-Aug | B | brn | 35 | | Gavin/Radio | L42N 700W | 1.4 | 19.6 | 3.7 | 39 | 0.1 | 48.9 | 6.1 | 221 | 1.96 | 4.6 | 0.9 | 0.5 | 9 | 0.2 | 0.5 | 0 | 41 | 0.15 | 0.039 | 7 | 87 | 0.68 | 77 | 0.069 | 0 | 0.87 | 0.004 | 0.03 | 0 | 0.06 | 2.2 | 0 | 0 | 3 | 0 | 0 |
| L42N/750W | 6164796 | 347257 | 26-Aug | B | lt oj brn | 30 | | Gavin/Radio | L42N 750W | 1.6 | 19.3 | 5.1 | 56 | 0.1 | 50.2 | 7.2 | 287 | 2.78 | 5.6 | 3 | 1.4 | 9 | 0.3 | 0.5 | 0.1 | 48 | 0.15 | 0.071 | 9 | 88 | 0.83 | 123 | 0.053 | 0 | 1.38 | 0.004 | 0.05 | 0 | 0.05 | 2.6 | 0 | 0 | 4 | 0 | 0 |
| L42N/800W | 6164805 | 347208 | 26-Aug | B | lt brn | 35 | | Gavin/Radio | L42N 800W | 1.7 | 20.8 | 5.2 | 61 | 0.2 | 37.1 | 8.8 | 429 | 2.54 | 4 | 1.3 | 1 | 7 | 0.2 | 0.5 | 0.1 | 43 | 0.08 | 0.037 | 11 | 68 | 0.72 | 139 | 0.061 | 0 | 1.35 | 0.003 | 0.05 | 0 | 0.03 | 2.6 | 0 | 0 | 5 | 0 | 0 |
| L42N/850W | 6164802 | 347155 | 26-Aug | B | lt brn | 35 | clayey | Gavin/Radio | L42N 850W | 1.4 | 22.1 | 5.4 | 55 | 0 | 37.8 | 6.8 | 302 | 2.01 | 3.4 | 2.2 | 0.7 | 7 | 0.1 | 0.3 | 0.1 | 36 | 0.09 | 0.024 | 11 | 69 | 0.73 | 106 | 0.047 | 0 | 1.35 | 0.004 | 0.06 | 0 | 0.05 | 2.4 | 0 | 0 | 4 | 0 | 0 |
| L42N/900W | 6164799 | 347099 | 26-Aug | B | lt brn | 35 | 10cm of grey A horiz above | Gavin/Radio | L42N 900W | 1.5 | 13.4 | 6.1 | 40 | 0 | 23.2 | 4.2 | 195 | 1.92 | 5.5 | 0.6 | 1.6 | 7 | 0.3 | 0.5 | 0.2 | 45 | 0.12 | 0.065 | 10 | 58 | 0.43 | 112 | 0.044 | 0 | 1.42 | 0.003 | 0.04 | 0 | 0.42 | 2.4 | 0 | 0 | 5 | 0 | 0 |
| L42N/950W | 6164797 | 347052 | 26-Aug | B | lt brn | 30 | 10cm of grey A horiz above | Gavin/Radio | L42N 950W | 1.7 | 22.4 | 5.8 | 60 | 0 | 34.4 | 6.8 | 340 | 2.5 | 3.3 | 1.3 | 1.8 | 6 | 0.2 | 0.4 | 0.1 | 41 | 0.07 | 0.043 | 12 | 57 | 0.69 | 109 | 0.036 | 0 | 1.65 | 0.003 | 0.05 | 0 | 0.08 | 2.9 | 0.1 | 0 | 5 | 0 | 0 |
| L4N/2600W | 6161002 | 345406 | 01-Sep | B/C | oj red | 45 | Very rocky | Gavin | L4N 2600W | 1.5 | 60.4 | 5.5 | 65 | 0.3 | 26.6 | 16.6 | 841 | 7.64 | 4.1 | 0.6 | 1 | 6 | 0.5 | 0.6 | 0.2 | 148 | 0.34 | 0.128 | 5 | 83 | 0.73 | 104 | 0.306 | 0 | 2.78 | 0.006 | 0.04 | 0 | 0.07 | 7.6 | 0.1 | 0.06 | 9 | 0.6 | 0 |
| L4N/2650W | 6161005 | 345352 | 01-Sep | B | red brn | 40 | | Gavin | L4N 2650W | 3.5 | 59.5 | 9.3 | 74 | 0.3 | 22.4 | 12.4 | 698 | 4.93 | 6.8 | 0.8 | 0.3 | 8 | 0.4 | 1 | 0.3 | 78 | 0.16 | 0.083 | 12 | 41 | 0.48 | 85 | 0.081 | 0 | 2.08 | 0.004 | 0.05 | 0 | 0.06 | 3.1 | 0.1 | 0.07 | 7 | 0.5 | 0 |
| L4N/2700W | 6161005 | 345300 | 01-Sep | B | oj brn | 45 | | Gavin | L4N 2700W | 3.5 | 55.3 | 10.5 | 74 | 0.5 | 21.4 | 9.2 | 437 | 4.4 | 8.2 | 2.4 | 0.4 | 6 | 0.5 | 3 | 0.3 | 66 | 0.11 | 0.059 | 12 | 39 | 0.47 | 79 | 0.032 | 0 | 2.24 | 0.005 | 0.04 | 0 | 0.07 | 3 | 0.2 | 0 | 6 | 0 | 0 |
| L4N/2750W | 6161012 | 345256 | 01-Sep | B | brn | 30 | | Gavin | L4N 2750W | 4.9 | 48 | 11.6 | 57 | 0.3 | 16 | 5 | 306 | 3.91 | 9.5 | 1.2 | 0.1 | 7 | 0.4 | 1.3 | 0.4 | 54 | 0.06 | 0.115 | 13 | 18 | 0.21 | 83 | 0.009 | 0 | 1.19 | 0.002 | 0.04 | 0 | 0.11 | 0.8 | 0.2 | 0 | 6 | 0 | 0 |
| L4N/2800W | 6161001 | 345201 | 01-Sep | B | oj brn | 30 | | Gavin | L4N 2800W | 4.3 | 54.9 | 12 | 63 | 0 | 16.4 | 6.4 | 584 | 4.38 | 7.8 | 1.5 | 0.2 | 5 | 0.2 | 1.1 | 0.4 | 55 | 0.07 | 0.099 | 13 | 18 | 0.3 | 85 | 0.012 | 0 | 1.69 | 0.003 | 0.05 | 0 | 0.05 | 1.2 | 0.2 | 0 | 7 | 0.9 | 0 |
| L4N/2850W | 6161003 | 345155 | 01-Sep | B | red brn | 30 | | Gavin | L4N 2850W | 3.3 | 35.6 | 11.8 | 55 | 0.1 | 12.9 | 6.2 | 619 | 4.4 | 7.4 | 1.1 | 0.4 | 6 | 0.3 | 1.2 | 0.3 | 69 | 0.32 | 0.143 | 12 | 20 | 0.33 | 94 | 0.072 | 0 | 1.61 | 0.005 | 0.06 | 0.1 | 0.05 | 1.9 | 0.1 | 0 | 9 | 0.6 | 0 |
| L4N/2900W | 6160999 | 345101 | 01-Sep | B | brn | 30 | | Gavin | L4N 2900W | 3.1 | 45.5 | 9.6 | 68 | 0.3 | 15.6 | 7.7 | 632 | 3.11 | 6.8 | 1.1 | 0.2 | 8 | 0.4 | 1.2 | 0.3 | 50 | 0.37 | 0.106 | 12 | 18 | 0.32 | 98 | 0.04 | 0 | 1.5 | 0.005 | 0.07 | 0 | 0.05 | 1.2 | 0.1 | 0.05 | 6 | 0.7 | 0 |
| L4N/2950W | 6160997 | 345048 | 01-Sep | B | brn | 30 | | Gavin | L4N 2950W | 3.1 | 36.1 | 9.8 | 48 | 0.1 | 11.7 | 4.7 | 329 | 3.31 | 5.6 | 0.6 | 0.1 | 7 | 0.4 | 1 | 0.2 | 66 | 0.36 | 0.139 | 9 | 18 | 0.29 | 89 | 0.038 | 0 | 1.7 | 0.004 | 0.04 | 0 | 0.07 | 1.4 | 0.1 | 0.06 | 7 | 0.7 | 0 |
| L4N/3000W | 6161000 | 345000 | 01-Sep | B | oj brn | 35 | | Gavin | L4N 3000W | 3 | 29.6 | 7.8 | 53 | 0.1 | 12.5 | 4.6 | 265 | 3.25 | 6.1 | 0.9 | 0.4 | 5 | 0.3 | 0.9 | 0.2 | 48 | 0.18 | 0.081 | 11 | 17 | 0.31 | 72 | 0.038 | 0 | 1.56 | 0.004 | 0.04 | 0 | 0.05 | 1.6 | 0 | 0 | 5 | 0 | 0 |
| L6N/2200W | 6161204 | 345795 | 01-Sep | B | oj | 15 | | Gavin | L6N 2200W | 5.5 | 46.1 | 13.4 | 79 | 0.5 | 23.6 | 7.4 | 444 | 4.66 | 9.6 | 1.8 | 0.5 | 5 | 0.3 | 2.2 | 0.3 | 51 | 0.03 | 0.109 | 14 | 36 | 0.51 | 132 | 0.009 | 0 | 1.55 | 0.003 | 0.06 | 0 | 0.04 | 1.8 | 0.2 | 0 | 6 | 0.8 | 0 |
| L6N/2250W | 6161202 | 345755 | 01-Sep | B | brn | 20 | | Gavin | L6N 2250W | 2.3 | 20.6 | 7.8 | 30 | 0.4 | 5.6 | 2.1 | 208 | 1.37 | 2.8 | 0.8 | 0.3 | 3 | 0 | 0.9 | 0.2 | 37 | 0.02 | 0.135 | 15 | 14 | 0.14 | 106 | 0.003 | 0 | 1.35 | 0.003 | 0.05 | 0.1 | 0.03 | 0.8 | 0.3 | 0 | 6 | 0 | 0 |
| L6N/2300W | 6161198 | 345705 | 01-Sep | B | brn | 35 | | Gavin | L6N 2300W | 10.7 | 56.6 | 18.5 | 88 | 0.1 | 19.4 | 8 | 187 | 3.08 | 16.4 | 1.7 | 0.5 | 8 | 0.2 | 4 | 0.5 | 55 | 0.03 | 0.087 | 27 | 14 | 0.1 | 98 | 0.007 | 0 | 1.01 | 0.002 | 0.06 | 0.1 | 0.02 | 1.1 | 0.3 | 0 | 6 | 0 | 0 |
| L6N/2350W | 6161193 | 345652 | 01-Sep | B | red brn | 30 | | Gavin | L6N 2350W | 6.9 | 51.5 | 35 | 113 | 0.5 | 23.4 | 9.9 | 1065 | 4.84 | 30.6 | 2.5 | 0.3 | 6 | 0.4 | 12.6 | 0.4 | 53 | 0.04 | 0.084 | 14 | 23 | 0.23 | 130 | 0.009 | 0 | 1.5 | 0.002 | 0.05 | 0 | 0.06 | 1.5 | 0.3 | 0 | 6 | 0.7 | 0 |
| L6N/2400W | 6161204 | 345602 | 01-Sep | B | lt brn | 35 | | Gavin | L6N 2400W | 3.5 | 38 | 19.6 | 94 | 0.5 | 16 | 6.6 | 511 | 2.5 | 19.7 | 1.2 | 0.4 | 5 | 0.3 | 15.6 | 0.3 | 41 | 0.06 | 0.045 | 16 | 26 | 0.29 | 72 | 0.021 | 0 | 1.51 | 0.002 | 0.04 | 0 | 0.04 | 2.1 | 0.2 | 0 | 5 | 0 | 0 |
| L6N/2450W | 6161201 | 345548 | 01-Sep | B | oj brn | 35 | | Gavin | L6N 2450W | 4 | 56.5 | 11.7 | 69 | 0.5 | 18.8 | 9 | 571 | 4.84 | 9.4 | 1.3 | 1 | 8 | 0.5 | 1.7 | 0.3 | 67 | 0.1 | 0.119 | 12 | 31 | 0.46 | 106 | 0.045 | 0 | 1.92 | 0.004 | 0.06 | 0.1 | 0.06 | 3.2 | 0.2 | 0 | 7 | 0 | 0 |
| L6N/2500W | 6161198 | 345502 | 01-Sep | B | lt brn | 30 | | Gavin | L6N 2500W | 3.3 | 51.2 | 9.2 | 74 | 0.3 | 19 | 8.2 | 704 | 3.74 | 6.1 | 1.3 | 0.4 | 6 | 0.3 | 1.2 | 0.3 | 60 | 0.1 | 0.096 | 13 | 26 | 0.54 | 99 | 0.039 | 0 | 1.81 | 0.004 | 0.06 | 0 | 0.03 | 2.6 | 0.2 | 0 | 8 | 0 | 0 |
| L6N/2550W | 6161202 | 345450 | 01-Sep | B | brn | 25 | | Gavin | L6N 2550W | 1.9 | 47.2 | 8 | 58 | 0.2 | 15.8 | 6.8 | 416 | 3.78 | 5.7 | 4.4 | 0.3 | 4 | 0.2 | 1 | 0.3 | 65 | 0.12 | 0.075 | 10 | 24 | 0.46 | 52 | 0.038 | 0 | 1.68 | 0.003 | 0.05 | 0 | 0.08 | 2 | 0.1 | 0 | 7 | 0.6 | 0 |
| L6N/2600W | 6161200 | 345404 | 01-Sep | B | red brn | 35 | | Gavin | L6N 2600W | 2.3 | 49.4 | 8.1 | 59 | 0.2 | 15.7 | 6.2 | 375 | 4.72 | 5.8 | 3.4 | 0.5 | 5 | 0.3 | 1.2 | 0.2 | 57 | 0.09 | 0.11 | 9 | 27 | 0.42 | 69 | 0.048 | 0 | 1.78 | 0.003 | 0.05 | 0 | 0.07 | 2.1 | 0.1 | 0.06 | 6 | 0 | 0 |
| L6N/2650W | 6161198 | 345350 | 01-Sep | B | oj brn | 30 | | Gavin | L6N 2650W | 2.4 | 37.5 | 8.5 | 52 | 0 | 14.9 | 9.2 | 761 | 5.65 | 5.5 | 2.7 | 0.4 | 5 | 0.3 | 0.9 | 0.3 | 112 | 0.2 | 0.113 | 10 | 43 | 0.41 | 99 | 0.111 | 0 | 1.69 | 0.003 | 0.05 | 0 | 0.05 | 3.2 | 0.2 | 0 | 8 | 0 | 0 |
| L6N/2700W | 6161205 | 345304 | 01-Sep | B | red brn | 25 | | Gavin | L6N 2700W | 3.1 | 52 | 8 | 67 | 0.2 | 22.1 | 9.6 | 454 | 6.08 | 9.2 | 5.3 | 0.4 | 5 | 0.3 | 1.8 | 0.3 | 99 | 0.12 | 0.086 | 11 | 44 | 0.54 | 98 | 0.088 | 0 | 2.18 | 0.003 | 0.03 | 0 | 0.06 | 3.5 | 0.1 | 0 | 7 | 0.6 | 0 |
| L6N/2750W | 6161192 | 345239 | 01-Sep | B | brn | 40 | | Gavin | L6N 2750W | 3.4 | 34.7 | 8.4 | 59 | 0.2 | 13.3 | 5.8 | 497 | 3.41 | 6 | 1.7 | 0.3 | 7 | 0.3 | 1.4 | 0.3 | 50 | 0.15 | 0.091 | 14 | 19 | 0.28 | 95 | 0.029 | 0 | 1.55 | 0.004 | 0.05 | 0 | 0.06 | 1.5 | 0.2 | 0 | 7 | 0.8 | 0 |
| L6N/2800W | 6161194 | 345201 | 01-Sep | B | lt oj brn | 25 | | Gavin | L6N 2800W | 3.9 | 43.2 | 9.2 | 59 | 0 | 16.2 | 6.4 | 315 | 4.08 | 8.5 | 2.1 | 0.4 | 6 | 0.1 | 1.4 | 0.3 | 66 | 0.14 | 0.066 | 12 | 26 | 0.31 | 107 | 0.045 | 0 | 1.39 | 0.003 | 0.06 | 0 | 0.06 | 2.2 | 0.1 | 0 | 6 | 0 | 0 |
| L6N/2850W | 6161196 | 345146 | 01-Sep | B | brn | 25 | | Gavin | L6N 2850W | 3.8 | 31.8 | 9.6 | 43 | 0.2 | 12.3 | 3.8 | 199 | 2.65 | 7 | 1.9 | 0.1 | 5 | 0.2 | 0.9 | 0.3 | 32 | 0.08 | 0.062 | 11 | 16 | 0.21 | 71 | 0.011 | 0 | 1.12 | 0.003 | 0.05 | 0 | 0.07 | 0.9 | 0.1 | 0.07 | 4 | 0 | 0 |
| L6N/2900W | 6161198 | 345099 | 01-Sep | B | lt brn | 25 | | Gavin | L6N 2900W | 3.5 | 28.7 | 9.4 | 72 | 0.1 | 18.1 | 6.9 | 553 | 2.42 | 4.7 | 2.2 | 0.2 | 18 | 0.3 | 0.8 | 0.3 | 26 | 0.16 | 0.083 | 13 | 17 | 0.37 | 218 | 0.007 | 0 | 1.15 | 0.003 | 0.07 | 0 | 0.03 | 1.2 | 0.1 | 0 | 4 | 0 | 0 |
| L6N/2950W | 6161198 | 345053 | 01-Sep | B | brn | 35 | | Gavin | L6N 2950W | 6.6 | 55.8 | 17.1 | 59 | 0.3 | 12.3 | 13 | 5021 | 2.57 | 6.5 | 3.6 | 0.1 | 29 | 0.5 | 0.9 | 0.4 | 28 | 0.25 | 0.137 | 14 | 13 | 0.12 | 528 | 0.005 | 0 | 1.13 | 0.003 | 0.11 | 0 | 0.04 | 0.6 | 0.3 | 0.07 | 5 | 0.6 | 0.2 |
| L6N/3000W | 6161200 | 345000 | 01-Sep | B | brn | 30 | | Gavin | L6N 3000W | 11.1 | 52.9 | 17.8 | 80 | 0.4 | 15.5 | 6 | 325 | 3.35 | 10.9 | 4.2 | 0.1 | 19 | 0.3 | 2.2 | 0.4 | 35 | 0.11 | 0.089 | 15 | 14 | 0.19 | 197 | 0.007 | 0 | 1 | 0.002 | 0.09 | 0 | 0.06 | 1 | 0.2 | 0 | 5 | 1.7 | 0.3 |
| L8N/2300W | 6161400 | 345700 | 12-Oct | B | brn | 25 | | Gavin/Kevin | L8N 2300W | 2.3 | 19 | 10.6 | 38 | 0.3 | 15.8 | 6 | 861 | 1.74 | 5.9 | 0.6 | 0.1 | 5 | 0.1 | 1.1 | 0.3 | 37 | 0.04 | 0.039 | 23 | 30 | 0.36 | 114 | 0.008 | 0 | 1.42 | 0.003 | 0.1 | 0 | 0.02 | 0.9 | 0.2 | 0 | 7 | 0 | 0 |
| L8N/2350W | 6161402 | 345649 | 12-Oct | B | brn | 25 | | Gavin/Kevin | L8N 2350W | 2.9 | 34 | 13.3 | 53 | 0 | 16.4 | 9.8 | 1850 | 3.12 | 5.8 | 0.8 | 0.3 | 7 | 0.1 | 0.9 | 0.4 | 74 | 0.05 | 0.082 | 22 | 33 | 0.27 | 148 | 0.041 | 0 | 1.33 | 0.003 | 0.09 | 0 | 0.04 | 2.1 | 0.2 | 0 | 10 | 0 | 0 |
| L8N/2400W | 6161404 | 345604 | 12-Oct | B | oj brn | 20 | | Gavin/Kevin | L8N 2400W | 4.5 | 36.2 | 14.4 | 59 | 0.3 | 18.2 | 6.2 | 446 | 3.37 | 16.3 | 2.1 | 0.5 | 7 | 0.2 | 1.9 | 0.3 | 57 | 0.06 | 0.118 | 23 | 29 | 0.34 | 121 | 0.017 | 0 | 1.3 | 0.003 | 0.07 | 0 | 0.11 | 2.1 | 0.2 | 0 | 7 | 0 | 0 |
| L8N/2450W | 6161405 | 345554 | 12-Oct | B | brn | 15 | | Gavin/Kevin | L8N 2450W | 4.2 | 40.1 | 13.9 | 70 | 0.4 | 20.4 | 7.1 | 502 | 3.54 | 12.1 | 1.9 | 0.5 | 8 | 0.3 | 1.4 | 0.3 | 55 | 0.11 | 0.08 | 21 | 30 | 0.39 | 107 | 0.02 | 0 | 1.42 | 0.002 | 0.08 | 0 | 0.06 | 2 | 0.2 | 0 | 6 | 0 | 0 |
| L8N/2500W | 6161403 | 345501 | 12-Oct | B | brn | 25 | | Gavin/Kevin | L8N 2500W | 2 | 18.4 | 12.9 | 42 | 0.2 | 10.4 | 3.2 | 182 | 1.86 | 6.2 | 0 | 0.2 | 7 | 0.1 | 0.7 | 0.3 | 48 | 0.06 | 0.048 | 26 | 21 | 0.24 | 83 | 0.012 | 0 | 1.47 | 0.003 | 0.07 | 0 | 0.03 | 1.5 | 0.3 | 0 | 8 | 0 | 0 |
| L8N/2550W | 6161408 | 345456 | 12-Oct | B | brn | 20 | | Gavin/Kevin | L8N 2550W | 3.5 | 40.1 | 10.8 | 55 | 0.3 | 12.7 | 5.9 | 927 | 3.34 | 7.4 | 1.6 | 0.2 | 7 | 0.1 | 0.5 | 0.3 | 62 | 0.09 | 0.094 | 18 | 19 | 0.24 | 93 | 0.022 | 0 | 1.42 | 0.003 | 0.08 | 0 | 0.07 | 1.5 | 0.2 | 0 | 7 | 0.7 | 0 |
| L8N/2600W | 6161407 | 345410 | 12-Oct | B | brn | 30 | | Gavin/Kevin | L8N 2600W | 6.6 | 121.5 | 22.4 | 168 | 0.5 | 44.4 | 18.6 | 1239 | 3.64 | 17.6 | 5.5 | 1.8 | 21 | 0.9 | 5.1 | 0.3 | 32 | 0.16 | 0.074 | 20 | 22 | 0.48 | 113 | 0.008 | 0 | 1.29 | 0.005 | 0.1 | 0 | 0.18 | 3.1 | 0.3 | 0 | 4 | 1.1 | 0 |
| L8N/2650W | 6161412 | 345345 | 12-Oct | B | brn | 30 | | Gavin/Kevin | L8N 2650W | 4.1 | 35.3 | 11.5 | 93 | 0 | 16.5 | 7.6 | 769 | 3.14 | 8.4 | 1.2 | 0.2 | 19 | 0.3 | 0.7 | 0.3 | 49 | 0.28 | 0.09 | 16 | 22 | 0.31 | 200 | 0.028 | 0 | 1.26 | 0.003 | 0.14 | 0 | 0.03 | 1.4 | 0.2 | 0 | 6 | 0 | 0 |
| L8N/2700W | 6161399 | 345299 | 12-Oct | B | oj brn | 35 | | Gavin/Kevin | L8N 2700W | 4.7 | 63.3 | 23.8 | 128 | 0.6 | 24 | 13.6 | 1559 | 3.29 | 20.6 | 4.4 | 0.4 | 34 | 0.4 | 2.8 | 0.3 | 61 | 0.53 | 0.107 | 16 | 39 | 0.39 | 178 | 0.012 | 0 | 1.46 | 0.005 | 0.16 | 0 | 0.09 | 5 | 0.3 | 0 | 4 | 1.2 | 0 |
| L8N/2750W | 6161399 | 345250 | 12-Oct | B | oj brn | 25 | | Gavin/Kevin | L8N 2750W | 3 | 30.1 | 8.8 | 81 | 0.2 | 16.4 | 4.4 | 288 | 2.78 | 7.2 | 2.1 | 0.2 | 9 | 0.3 | 0.5 | 0.3 | 56 | 0.11 | 0.078 | 19 | 25 | 0.35 | 121 | 0.022 | 0 | 1.64 | 0.002 | 0.07 | 0 | 0.05 | 1.9 | 0.2 | 0 | 7 | 0.6 | 0 |
| L8N/2800W | 6161402 | 345200 | 12-Oct | B | lt brn | 30 | | Gavin/Kevin | L8N 2800W | 3.6 | 23.8 | 8.7 | 49 | 0.1 | 11 | 3.3 | 223 | 2.94 | 6.9 | 0.8 | 1.2 | 8 | 0.1 | 0.6 | 0.4 | 66 | 0.1 | 0.114 | 21 | 19 | 0.25 | 132 | 0.058 | 0 | 1.32 | 0.001 | 0.08 | 0 | 0.04 | 2.7 | 0.2 | 0 | 7 | 0 | 0 |
| L8N/2850W | 6161398 | 345152 | 12-Oct | B | brn | 20 | | Gavin/Kevin | L8N 2850W | 3.1 | 26 | 9.2 | 57 | 0.3 | 11.3 | 5.5 | 560 | 2.24 | 5.3 | 0 | 0.4 | 8 | 0.1 | 1.1 | 0.3 | 50 | 0.12 | 0.07 | 17 | 17 | 0.22 | 230 | 0.038 | 0 | 1.25 | 0.003 | 0.06 | 0 | 0.02 | 2.2 | 0.2 | 0 | 7 | 0 | 0 |
| L8N/2900W | 6161401 | 345104 | 12-Oct | B | brn | 25 | | Gavin/Kevin | L8N 2900W | 3 | 19.5 | 8.6 | 51 | 0.3 | 9.8 | 7.6 | 2034 | 3.16 | 2.7 | 0.6 | 0.5 | 7 | 0.1 | 0.5 | 0.2 | 75 | 0.15 | 0.077 | 14 | 23 | 0.27 | 243 | 0.068 | 0 | 1.66 | 0.001 | 0.06 | 0 | 0.03 | 3 | 0.2 | 0 | 9 | 0 | 0 |
| L8N/2950W | 6161396 | 345056 | 12-Oct | B | oj brn | 15 | | Gavin/Kevin | L8N 2950W | 3.9 | 31.7 | 9.4 | 88 | 0.3 | 17.5 | 9.3 | 1031 | 3.34 | 6 | 0 | 0.3 | 23 | 0.4 | 1 | 0.2 | 51 | 0.25 | 0.105 | 16 | 21 | 0.41 | 328 | 0.04 | 0 | 1.51 | 0.003 | 0.12 | 0 | 0.02 | 2.1 | 0.2 | 0 | 7 | 0 | 0 |
| L8N/3000W | 6161390 | 345002 | 12-Oct | B | brn | 30 | | Gavin/Kevin | L8N 3000W | 2.1 | 15.2 | 7.1 | 27 | 0 | 6 | 1.7 | 111 | 1.16 | 3 | 0 | 0.2 | 8 | 0.1 | 0.4 | 0.2 | 37 | 0.04 | 0.034 | 23 | 12 | 0.15 | 73 | 0.014 | 0 | 1.2 | 0 | 0.05 | 0 | 0 | 1.1 | 0.3 | 0 | 6 | 0 | 0 |

Appendix 2: 2017 Rock Sample Notes and Assay Results

| Sample ID | utm N | utm E | Elevation (m) | Date Marked | Area | Sampler | Location | Field Description | Source | Source (m) | Samp. Type | Rock Type | Mineralization | Limonite | Silicification | Sericite |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **79669** | 6158404 | 346671 | 1054 | 24-Aug-17 | Main Road | Titley | On L23S soil line. | Dk-lt grey fg quartzite? Weak fabric. Weak-mod stringy oj-brn feox throughout. Local barren, up to 3cm qz veins. | O/C | 1x3 | Grab | QTZ? | | Weak | | |
| **79670** | 6162574 | 346100 | 1556 | 25-Aug-17 | West of CCS ext. | Titley | Dry creekbed with exposures of o/c on W side. | lt grey, fg RHY/felsic TUFF? 5% brn mafic bio? Local mod-strong oj-yel feox on fx surf. | O/C | 2x2 | Grab | RHY? | | Mod | | |
| **79671** | 6162573 | 346081 | 1574 | 25-Aug-17 | West of CCS ext. | Titley | ~10m up from 79670 | dk-grey-blk fg phyllite with up to 5mm thick lt grey undular bands. 0.1% dissem phyr? | S/C | 1x1 | Grab | PHYL | phyr? | | | |
| **79672** | 6162478 | 345714 | 1611 | 25-Aug-17 | West of CCS ext. | Titley | On ridge spur | dk grey phyllite as OCG03. Thin foliation at 166/74°. Local cm-scal qz-chal VNs with red feox on fx surf and around VN area. Sampled feox area | O/C | 30x10 | Grab | PHYL | | Mod | | |
| **79673** | 6162611 | 346087 | 1567 | 25-Aug-17 | West of CCS ext. | Titley | In gulley filled with rocks (dried-up creekbed) | Wht fg-mg QVN. Local int-mod oj feox, vuggy. | Float | 0.4 | Grab | QVN | | Strong | | |
| **79674** | 6163268 | 346163 | 1425 | 30-Aug-17 | Zone 4B | Titley | On side of roadcut | Sub-ang float. Wht QVN with local strong red-oj-yel feox throughout. Trace patchy py, apy? along feox VLs. | Float | 0.2 | Grab | QVN | py, apy? | Strong | | |
| **79675** | 6161481 | 347099 | 1455 | 02-Sep-17 | Zone 4B | Titley | In roadcut on side of main road | Massive sulphide VN ~15cm thick in grey fg LST. Int red-oj feox around VN. 30% py, 50% sph, 10% cp. #4 Manto? | O/C | 0.15 | Grab Select | VN | sp, py, cp | Int | | |
| **79676** | 6161485 | 347101 | 1455 | 02-Sep-17 | Zone 4B | Titley | In roadcut on side of main road | Red-oj-purp int bx, feox from roadcut immediately adjacent to 79675 | O/C | 0.3 | Grab Select | BX | | Int | | |
| **79677** | 6162099 | 347018 | 1347 | 02-Sep-17 | CCS | Titley | From road below Trench99-05 | Ang float from road below Trench99-05. Garnet-malachite SKRN (CCS). 20% semi-mas mal throughout. Trace wht py. | Float | 0.7 | Grab | SKRN | mal, py | | | |
| **79678** | 6162101 | 347021 | 1347 | 02-Sep-17 | CCS | Titley | From road below Trench99-05 | Ang float from road next to 79677. Lt-med yel-grey SKRN with mm scale brn garnets, local strong oj-red-purp feox. Semi-mass to patchy py 20%. Trace cpy. | Float | 0.5 | Grab | SKRN | py, cpy | Strong | | |
| **79679** | 6162118 | 347039 | 1362 | 02-Sep-17 | CCS | Titley | From Trench99-05 roadcut | From Trench99-05 roadcut. Bedrock CCS. Lt-med yel-grey SKRN with mm scale brn garnets, local strong oj-red-purp feox. Semi-mass to patchy py 10%. Trace cpy. | O/C | 1x1 | Grab Select | SKRN | py, cpy | Strong | | |
| **79680** | 6158789 | 347161 | 1082 | 08-Sep-17 | South Slope | Titley | On soil line L19S. | grey-brn to grey-grn fg-mg SKRN? Fizzes strongly with dilute HCL. Locally mod brn feox & vuggy. | O/C | 5x5 | Grab | SKRN? | | Mod | | |
| **79681** | 6158812 | 347075 | 1095 | 08-Sep-17 | South Slope | Titley | W along O/C from OCG15 | Mod-strong oj-red feox grn-gry fg PHYL. | O/C | 2x5 | Grab | PHYL | | Mod | | |
| **79682** | 6161588 | 347098 | 1419 | 13-Sep-17 | Zone 4B | Titley | On roadcut near L10N. | 60cm thick int feox ARG? In contact with grey LST. Int-mod red-oj-purp feox throughout, with 1-3% dissem py. 30cm of it is crumbly, sampled competent rock. | O/C | 0.6 | Grab | ARG | py | Int | | |
| **79683** | 6160042 | 348072 | 1205 | 23-Sep-17 | Zone 1&2 | Titley | In roadcut on W side of road. | 50cm thick lens of LST?/ grn-grey fg soft, smooth massive. Weak-mod brn oj feox on fx. Looks boring. Contact with shale as OCG18 at ~170/60° | O/C | 0.5 | Grab | LST | | Weak | | |

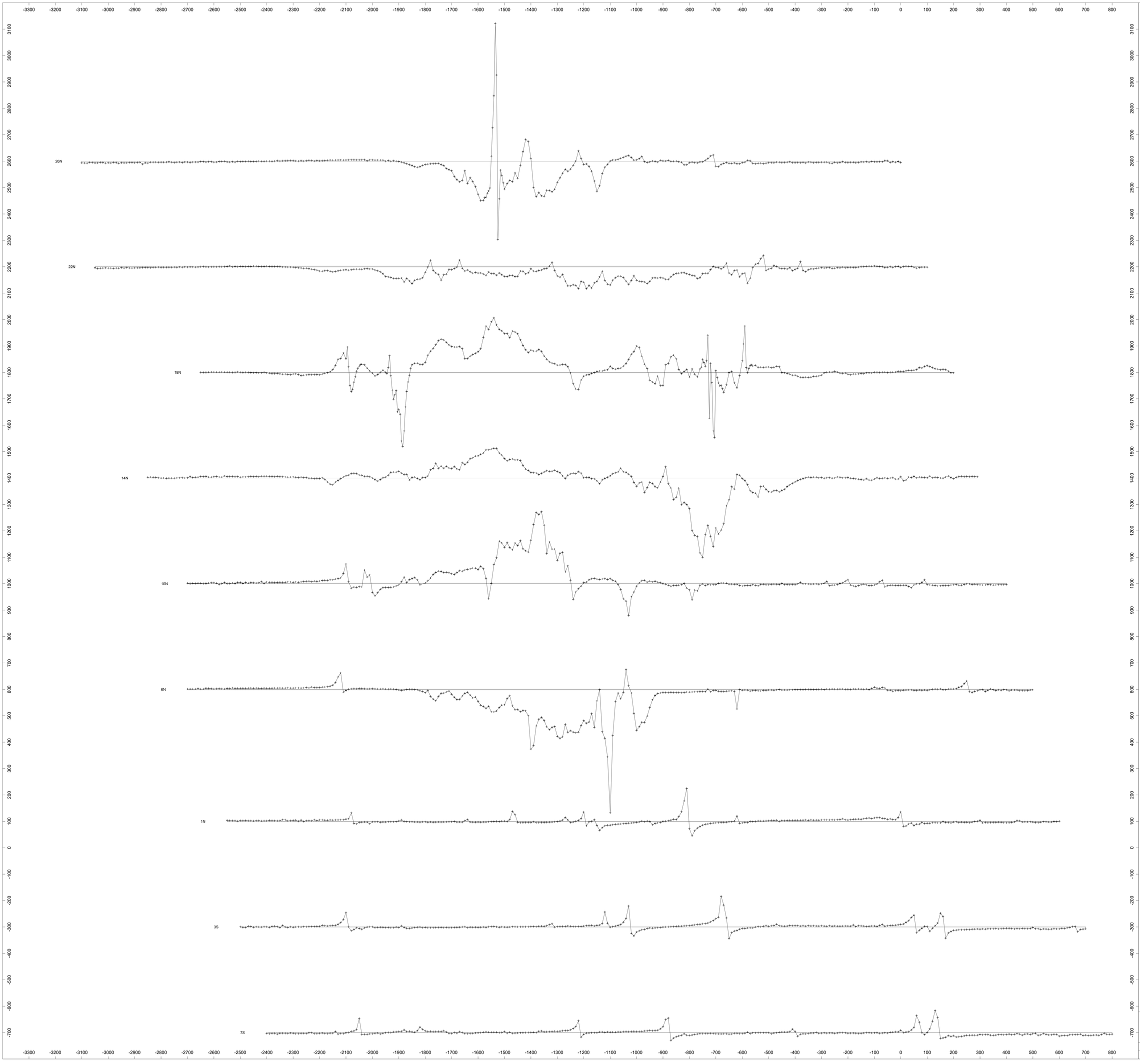
| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **79684** | 6161000 | 347848 | 1382 | 23-Sep-17 | Zone 1&2 | Titley | On W side of road. | Dk grey-blue to pale green (ser?) fg Silicified, Skarned LST. Local 1-2cm thick qz-cal Vns. Mod-strong brn-oj feox on fx surf. 3-5% patchy to euhedral py cbes up to 5mm in diam. Trace soapy kelly-green mx. Mal?? 50cm sub-ang float on side of road. | Float | 0.5 | Grab | LST | py | Mod | Mod | Strong? |
| **79685** | 6160794 | 347670 | 1490 | 23-Sep-17 | Zone 3 | Titley | In middle of 20m long trench | 10-20cm pieces of sub-ang float from rubble. Int purp-red to brown-red to oj feox, vuggy MTO? Int dk-grey sub-metallic Mn? Could not locate O/C within trench, but looks to be in-situ. | Float | 0.2 | Grab | MTO | Mn | Int | | |
| **79686** | 6160836 | 347661 | 1484 | 23-Sep-17 | Zone 3 | Titley | In middle of 30m long trench | 30cm ang float from rubble next to trench. Oj-red to oj, int feox, vuggy MTO? Contains up to 2cm long wht SIL frags and up to 5cm in diam vugs. | Float | 0.3 | Grab | MTO | | Int | | |
| **79687** | 6160837 | 347659 | | 23-Sep-17 | Zone 3 | Titley | On side of side-road near intersection with IP line L1N | fg med grey to pale grn (ser?) SKRN similar to 79684. Strong SIL, SKRN'd LST. Local int red-oj vuggy feox. 1-3% fg, dissem py. From 1x3m SKRN O/C. | O/C | 1x3 | Grab Select | SKRN | | Strong | Strong | Strong? |
| **79688** | 6160939 | 347536 | 1484 | 23-Sep-17 | Zone 3 | Titley | On side of road next to DDH-93-22 collar. | fg med grey to pale grn (ser?) SKRN similar to 79684. Strong SIL, SKRN'd LST. Local int red-oj vuggy feox. No visible py. Trace kelly-grn mx. | S/C | 1x5 | Grab | SKRN | | Strong | Strong | Strong? |
| **79689** | 6161427 | 347144 | 1475 | 23-Sep-17 | Zone 4B | Titley | On roadside | Massive sulphide VN 20-100cm thick. Sampled dk purp-blk Mn, sph with 1-3% patchy cpy. From float next to VN. Looks to be broken off by previous geologist. #4 Manto? | Float | 0.5 | Grab | VN | sph, cpy | | | |
| **79690** | 6161427 | 347140 | 1474 | 23-Sep-17 | Zone 4B | Titley | 5m W down road from 79689 | Semi-massive sulphide VN 50cm thick. | O/C | 0.5 | Grab | VN | py, | | | |
| **79691** | 6161536 | 346998 | 1450 | 23-Sep-17 | Zone 4B | Titley | On roadside before switchback | dk grey to med grey CHT? Fg, very hard, mod-int oj-red feox on fx surf. .1-1% dissem wht py. | O/C | 3x15 | Grab | CHT | py | Strong | | |
| **79692** | 6161526 | 346895 | 1451 | 23-Sep-17 | Zone 4B | Titley | On roadcut of reclaimed road | Int purp-oj-red feox, vuggy, bx, rubbly with up to 20cm clasts of varied composition. Some CHT, some intrusive, some PHYL. Clasts contain trace-5% wht py. | O/C | 1x2 | Grab | BX | py | Int | | |
| **79693** | 6161523 | 346880 | 1455 | 23-Sep-17 | Zone 4B | Titley | On switchback of reclaimed road | Int oj-red feox, weak epi, CHT? 5% patchy wht py. | O/C | 1x1 | Grab | CHT | py | Int | | |
| **79694** | 6159186 | 347213 | 1186 | 03-Oct-17 | South Slope | Titley | Near L15S/800w | Partially exposed O/C. med-dk grey, fg SIL PHYL with local weak-mod feox on fx surf. Mod-strong SIL'n. Trace yel oxi py? On fx surf. | O/C | 3x5 | Grab | PHYL | py? | Weak | Mod | |
| **79695** | 6159191 | 347039 | 1199 | 03-Oct-17 | South Slope | Titley | Next to L15S | 1x3m o/c next to L15S. Dk-med grey fg SIL PHYL. Mod-strong SIL'n. Local weak red feox on fx surf. Trace vfg dissem py? | O/C | 1x3 | Grab | PHYL | py? | Weak | Mod | |
| **79696** | 6159209 | 346951 | 1208 | 03-Oct-17 | South Slope | Titley | Next to L15S | 50cm ang float at base of 4x20m outcrop. Wht to red-brn strongly feox, vuggy cg Qz VN with no visible mx. Outcrop above is pale grn fg ARG? With 0 | O/C | 0.5 | Grab | QVN | | Strong | | |
| **79697** | 6162864 | 346717 | 1487 | 08-Oct-17 | CCS ext. | Titley | On roadcut on N road. | Grab select of 4cm thick QVN from within monz as 79698. | O/C | 0.04 | Grab Select | QVN | py | | | Weak |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **79698** | 6162867 | 346716 | 1489 | 08-Oct-17 CCS ext. | Titley | On roadcut on N road. | Lt grey porphyritic monzonite. Mg-cg | O/C | 2x10 | Grab | MONZ | py | | | Weak |
| **79699** | 6162870 | 346716 | | 08-Oct-17 CCS ext. | Johnson | On roadcut on N road. | Bob sample from next to 79698. Lt grey to lt brn SIL PHYL .1% dissem to patchy py. | O/C | 2x10 | Grab | PHYL | py | Weak | | |
| **79700** | 6162016 | 346799 | 1315 | 09-Oct-17 CCS | Titley | On roadcut next to culvert | Lt grey to lt pink mg quartz monzodiorite (could be another similar intrusive) dyke? With local 1-3mm thick qz veins and a a 3mm thick py vein. Patchy to dissem py throughout ~3% of total. Weak to mod oj-red feox on fx surf. Pink k-spar ~10%. Locally mod pale grey-yel ser? Alt. | O/C | 2x2 | Grab | MONZ | py | Weak | Weak | Weak |
| **2586701** | 6163082 | 346487 | 1477 | 10-Oct-17 CCS ext. | Titley | On roadcut on N road. | dk to lt grey fg SIL PHYL with strong silicification throughout and mod-strong red-brn feox on fx surf. Sampled from various sites along roadcut. | O/C | 3x40 | Grab | PHYL | | Mod | Strong | |
| **2586702** | 6162627 | 346888 | 1458 | 10-Oct-17 CCS ext. | Titley | On roadcut. | Alternating dk grey, fg clayey layers and fg lt grey-green siliceous layers 1-2cm thick. Mod red-brn feox on fx surf. Trace wht blebby py in some SIL layers. | O/C | 1x10 | Grab | PHYL | py | Mod | Mod | |
| **2586703** | 6162016 | 346799 | 1315 | 10-Oct-17 CCS | Titley | On roadcut next to culvert | At same location as 79700. 1m to W of 258604. 1x2m exposure sampled at contact with 79700. | O/C | 1x2 | Grab | | | | | |
| **2586704** | 6162016 | 346799 | 1315 | 10-Oct-17 CCS | Titley | On roadcut next to culvert | 2cm thick int oj to red feox qz vn at 210/80° orientation. Grab select from exposed 2m section of VN. Locally up to 4mm thick semi-massive py, cpy ~5% of total. Int clay alt. | O/C | 0.02 | Grab Select | QVN | py, cpy | Int | | |
| **2586705** | 6160427 | 347871 | 1370 | 10-Oct-17 #1 Zone | Titley | Next to L3S above core graveyard. | 60cm boulder from little pit next to L3S and an old overgrown road. Outcrop is likely just under this spot. #2 MTO | Float | 0.6 | Grab | MTO | | | | |
| **2586706** | 6160523 | 347851 | 1397 | 10-Oct-17 #1 Zone | Titley | On old road below summit firepit. | Grab of #1 VN. In OC from the middle of 2586707 interval. Yellow, int alt to greenish QZ. Local patchy to semi-mas sulphides (py, gn, sph) | O/C | 1x2 | Grab | MTO | py, gn, sph | Int | | |
| **2586707** | 6160515 | 347850 | 1398 | 10-Oct-17 #2 Zone | Titley | On old road below summit firepit. | Chip sample of #2 MTO across the interval between S 2586707 and E 2586707. Chips taken every ~10-20cm where the manto outcrops on an old road (not continuous). This old road is probably still quad driveable. MTO is 1-2m thick along interval, is steeply dipping and runs N-S (~180/60°). Locally pale yellow to green (sulphosalts?) to bright orange, with local patchy to semi-mas sulphides (py, gn, sph). | O/C | 2x25 | Chip | MTO | py, gn, sph | Int | | |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **2586707** | 6160538 | 347852 | 1403 | 10-Oct-17 #2 Zone | Titley | On old road below summit firepit. | Chip sample of #2 MTO across the interval between S 2586707 and E 2586707. Chips taken every ~10-20cm where the manto outcrops on an old road (not continuous). This old road is probably still quad driveable. MTO is 1-2m thick along interval, is steeply dipping and runs N-S (~180/60°). Locally pale yellow to green (sulphosalts?) to bright orange, with local patchy to semi-mas sulphides (py, gn, sph). | O/C | 2x25 | Chip | MTO | py, gn, sph | Int |
| **LDS-1** | 6162132 | 346945 | | 11-Oct-17 CCS | Johnston | From Trench99-05 roadcut | 3m chip from E side of roadcut skarn showing; minor gt, half of interval is qtz w/ cp diss, and blebs to 2% | O/C | 3m | chip | SKRN | py, cpy | mod |
| **LDS-2** | 6162135 | 346943 | | 11-Oct-17 CCS | Johnston | From Trench99-05 roadcut | chip sample from 3-6m (measured from E side); bn gt w/ siliceous sections w/ local str cp | O/C | 3m | Chip | SKRN | py, cpy | Mod |
| **LDS-3** | 6162138 | 346941 | | 11-Oct-17 CCS | Johnston | From Trench99-05 roadcut | chip sample from 6-10m (measured from E side); mostly y-bn gt; local irreg zones of cp,py to 2cm; interval incl 79679 | O/C | 4m | Chip | SKRN | py, cpy | Mod |
| **LDS-4** | 6162141 | 346938 | | 11-Oct-17 CCS | Johnston | From Trench99-05 roadcut | chip sample from 10-14.3m (to W end of skarn showing); mostly gt , w/ local diss cp, py | O/C | 4.3m | Chip | SKRN | py, cpy | Mod |

| Sample ID | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | Cu | Pb | Zn | Ag | Ag | Pb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (PPM) | (PPM) | (PPM) | (PPM) | (PPM) | (PPM) | (PPM) | (PPM) | (%) | (PPM) | (PPB) | (PPM) | (PPM) | (PPM) | (PPM) | (PPM) | (PPM) | (%) | (%) | (PPM) | (PPM) | (%) | (PPM) | (%) | (PPM) | (%) | (%) | (%) | (PPM) | (PPM) | (PPM) | (PPM) | (%) | (PPM) | (PPM) | (PPM) | (%) | (%) | (%) | (g/t) | (g/t) FA | (%) FA |
| **79669** | 0.7 | 17.3 | 3.6 | 14 | 0 | 3.3 | 1.1 | 95 | 0.58 | 3 | 0 | 0.6 | 2 | 0 | 0.4 | 0.2 | 0 | 0 | 0.007 | 3 | 3 | 0.01 | 127 | 0 | 2 | 0.12 | 0.001 | 0.1 | 0 | 0.04 | 0.8 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| **79670** | 0.4 | 31.7 | 7.8 | 34 | 0.2 | 1.7 | 2.4 | 182 | 1.11 | 1.3 | 0 | 2.3 | 61 | 0.1 | 1.5 | 0 | 18 | 0.51 | 0.032 | 7 | 3 | 0.27 | 117 | 0.057 | 3 | 1.4 | 0.18 | 0.13 | 0.2 | 0 | 2.1 | 0.1 | 0 | 6 | 0 | 0 | | | | | | |
| **79671** | 17.9 | 81.9 | 7.1 | 42 | 0.1 | 52.5 | 15 | 336 | 2.29 | 120.3 | 0 | 3.4 | 84 | 0.5 | 6.5 | 0.5 | 115 | 1.56 | 0.17 | 12 | 52 | 0.35 | 152 | 0.093 | 3 | 1.95 | 0.201 | 0.08 | 0.3 | 0 | 4.7 | 0 | 0.41 | 6 | 4.2 | 0 | | | | | | |
| **79672** | 6 | 48.7 | 15.2 | 57 | 0.1 | 10.5 | 1.6 | 291 | 3.36 | 8.6 | 1.4 | 4.4 | 15 | 0 | 1.7 | 0.3 | 21 | 0.02 | 0.058 | 16 | 11 | 0.49 | 120 | 0.003 | 6 | 1.14 | 0.012 | 0.22 | 0 | 0.07 | 2 | 0.2 | 0 | 4 | 2.5 | 0 | | | | | | |
| **79673** | 3.5 | 37 | 4.7 | 40 | 0.2 | 11.4 | 3.3 | 312 | 1.6 | 8.5 | 0 | 2.5 | 26 | 0.2 | 2.2 | 0.2 | 34 | 0.26 | 0.022 | 6 | 19 | 0.6 | 92 | 0.06 | 2 | 1.04 | 0.071 | 0.15 | 0.1 | 0 | 3.8 | 0.2 | 0 | 4 | 0.6 | 0 | | | | | | |
| **79674** | 0.8 | 11 | 5.6 | 13 | 0.2 | 1.4 | 0.2 | 43 | 0.86 | 33 | 0 | 0.1 | 5 | 0 | 3.9 | 0.9 | 3 | 0.01 | 0.012 | 0 | 3 | 0.03 | 12 | 0 | 1 | 0.09 | 0.003 | 0.02 | 0 | 0 | 0.5 | 0 | 0 | 0 | 0.7 | 0 | | | | | | |
| **79675** | 0 | 398.9 | >10000.0 | >10000 | >100.0 | 1.7 | 1.9 | 1338 | 16.74 | 1625.3 | 1.5 | 0 | 13 | 901.3 | >2000.0 | 2 | 2 | 3.09 | 0.003 | 0 | 4 | 0.11 | 3 | 0 | 0 | 0 | 0.001 | 0 | 0 | 0.55 | 0 | 0 | >10.00 | 4 | 3.8 | 3.9 | 0.046 | >10.00 | 12.61 | 127 | | |
| **79676** | 4.6 | 214.9 | 953.6 | 2215 | 7 | 8.7 | 3.6 | 107 | 34.39 | 9412.8 | 450.4 | 2.1 | 7 | 17.1 | 476.7 | 134.5 | 51 | 0.3 | 0.084 | 6 | 17 | 0.08 | 136 | 0.06 | 0 | 0.47 | 0.003 | 0.08 | 81.3 | 0.57 | 1.6 | 0.2 | 0.23 | 3 | 24.6 | 30.9 | | | | | | |
| **79677** | 5.5 | 7287.7 | 38.9 | 189 | 0.4 | 24.8 | 8.7 | 2451 | 8.61 | 101.7 | 0 | 2.4 | 8 | 1.4 | 22.9 | 3.4 | 31 | 12.87 | 0.076 | 11 | 13 | 0.41 | 14 | 0.091 | 0 | 1.83 | 0.004 | 0.1 | 9.7 | 0 | 6.2 | 0.4 | 0 | 8 | 0 | 0.6 | | | | | | |
| **79678** | 2.7 | >10000.0 | 8.3 | 149 | 93.8 | 25.1 | 14.3 | 1452 | 16.14 | 419.4 | 976.8 | 0.9 | 13 | 0.9 | 6 | 22.7 | 11 | 16.13 | 0.797 | 26 | 6 | 0.08 | 3 | 0.019 | 4 | 0.57 | 0.002 | 0 | 80.6 | 0.02 | 3.6 | 0 | 2.99 | 10 | 14.9 | 1.8 | 3.127 | 0 | 0.01 | 93 | | |
| **79679** | 13.8 | >10000.0 | 5.9 | 196 | >100.0 | 27.3 | 20 | 960 | 11.7 | 182 | 1503.1 | 0.4 | 2 | 1.5 | 5.7 | 9.7 | 15 | 6.94 | 0.037 | 10 | 3 | 0.21 | 8 | 0.004 | 3 | 0.54 | 0.003 | 0 | 26.6 | 0.02 | 1.1 | 0 | 4.62 | 7 | 19 | 2.7 | 3.733 | 0 | 0.02 | 119 | | |
| **79680** | 0.1 | 131.3 | 3.5 | 112 | 0.2 | 54.7 | 35.1 | 1140 | 6.93 | 1.8 | 2.1 | 0.2 | 63 | 0.2 | 1.4 | 0 | 247 | 2.58 | 0.082 | 3 | 64 | 2.8 | 396 | 0.482 | 6 | 3.53 | 0.043 | 0.15 | 0.2 | 0 | 6.7 | 0 | 0 | 14 | 0 | 0 | | | | | | |
| **79681** | 0.3 | 64.5 | 2.8 | 129 | 0 | 46.2 | 42 | 1043 | 9.48 | 1.1 | 3.5 | 0.3 | 17 | 0.2 | 0.7 | 0 | 282 | 1.5 | 0.091 | 3 | 54 | 3.23 | 363 | 0.513 | 8 | 4.3 | 0.02 | 0.14 | 0.1 | 0 | 9.6 | 0 | 0 | 15 | 0 | 0 | | | | | | |
| **79682** | 9.8 | 125 | 146.6 | 987 | 1.2 | 274.5 | 50.1 | 128 | 12.65 | 135.5 | 35.3 | 2.3 | 101 | 14.7 | 60.5 | 0.1 | 123 | 4.16 | 0.638 | 16 | 272 | 1.6 | 23 | 0.282 | 7 | 4.47 | 0.173 | 0.96 | 0.8 | 0.05 | 8.3 | 0.5 | 9.19 | 18 | 11.8 | 0 | | | | | | |
| **79683** | 0.3 | 16.7 | 6.7 | 44 | 0 | 5.2 | 2.4 | 304 | 1.12 | 3.1 | 0 | 0.5 | 19 | 0.2 | 2.1 | 0 | 4 | 0.59 | 0.028 | 4 | 2 | 0.07 | 293 | 0 | 4 | 0.53 | 0.057 | 0.17 | 0 | 0.11 | 1.3 | 0 | 0 | 1 | 0 | 0 | | | | | | |
| **79684** | 5.3 | 60.8 | 14.7 | 95 | 0.7 | 163.2 | 33.2 | 1328 | 5.08 | 224.1 | 19.3 | 1.7 | 441 | 0.7 | 12.6 | 0.6 | 39 | 18.92 | 0.239 | 17 | 72 | 2.45 | 87 | 0.003 | 4 | 1.08 | 0.006 | 0.12 | 0.2 | 0.63 | 10.1 | 0.2 | 2.28 | 3 | 1 | 0 | | | | | | |
| **79685** | 5.9 | 699.8 | 7585.3 | 8987 | 55 | 3.7 | 1.7 | 100 | >40.00 | >10000.0 | 4011.1 | 0 | 12 | 397.1 | 861 | 263.2 | 21 | 1.02 | 0.099 | 0 | 65 | 0.03 | 276 | 0 | 1 | 0.04 | 0 | 0.02 | 0.1 | 1.6 | 0.3 | 0.5 | 0 | 3 | 0 | 0 | | | | | | |
| **79686** | 3.4 | 31.1 | 2116.2 | >10000 | 11.6 | 23.1 | 3.5 | 884 | 35.64 | >10000.0 | 28.9 | 0.3 | 4 | 558.1 | 1457.3 | 0.6 | 77 | 0.27 | 0.175 | 20 | 20 | 0.03 | 78 | 0.001 | 2 | 0.13 | 0 | 0.02 | 1.2 | 0.66 | 0.4 | 0.7 | 0 | 4 | 3.6 | 2.4 | 0.004 | 0.22 | 19.25 | 12 | | |
| **79687** | 0.9 | 51.4 | 12.1 | 333 | 0.1 | 105.9 | 9.1 | 505 | 8.15 | 59.1 | 2.4 | 3.3 | 280 | 2.3 | 6 | 0.2 | 361 | 16.51 | 1.359 | 47 | 313 | 5.66 | 81 | 0.024 | 4 | 3.19 | 0.008 | 0.11 | 0 | 0.02 | 10.2 | 0.1 | 0.07 | 14 | 1.2 | 0 | | | | | | |
| **79688** | 3.7 | 57.7 | 4.2 | 193 | 0 | 299.9 | 61.2 | 761 | 6.6 | 31 | 0 | 2.5 | 156 | 0.4 | 3.4 | 0 | 103 | 10.79 | 0.355 | 29 | 228 | 3.46 | 103 | 0.015 | 4 | 3.6 | 0.007 | 0.25 | 0 | 0.01 | 14.4 | 0.1 | 0 | 12 | 0 | 0 | | | | | | |
| **79689** | 1 | 389.7 | 122.6 | >10000 | 9 | 0.9 | 6.6 | 2765 | 22.6 | 1448 | 643.9 | 0 | 3 | >2000.0 | 87.1 | 38.3 | 3 | 0.33 | 0.097 | 2 | 4 | 0.06 | 7 | 0 | 0 | 0.03 | 0 | 0 | 2.9 | 1.33 | 0 | 0 | 8.9 | 10 | 36.8 | 8.8 | 0.055 | 0 | 31.55 | 13 | | |
| **79690** | 1.7 | 1056.8 | 141.9 | >10000 | 9.7 | 2.3 | 9.5 | 791 | 33.98 | 1118.2 | 160.7 | 0 | 16 | 316.6 | 52.8 | 28 | 19 | 2.32 | 0.05 | 2 | 8 | 0.42 | 5 | 0 | 0 | 0.06 | 0 | 0.01 | 9.1 | 0.58 | 0.5 | 0 | >10.00 | 3 | 54.6 | 5.5 | 0.107 | 0 | 5.57 | 10 | | |
| **79691** | 24.7 | 94.8 | 6.6 | 228 | 0.3 | 30.7 | 10.3 | 133 | 2.45 | 85.2 | 14.6 | 4 | 29 | 2 | 7.5 | 0.5 | 71 | 0.35 | 0.034 | 4 | 32 | 1.1 | 150 | 0.056 | 1 | 1.92 | 0.09 | 0.62 | 0.1 | 0 | 7.4 | 0.6 | 0.94 | 7 | 3.2 | 0.3 | | | | | | |
| **79692** | 7.8 | 197.4 | 116.5 | 4198 | 3.4 | 17.5 | 5.2 | 210 | 9.18 | 1731.9 | 22.5 | 4.2 | 11 | 23.9 | 55.5 | 19.4 | 48 | 0.34 | 0.072 | 11 | 16 | 0.45 | 111 | 0.074 | 3 | 1.01 | 0.018 | 0.18 | 2.5 | 0.03 | 3.3 | 0.8 | 0 | 5 | 1.3 | 8.7 | | | | | | |
| **79693** | 8.2 | 74.1 | 509.3 | 197 | 2.9 | 5.2 | 2 | 73 | 4.38 | 74.4 | 56.7 | 2 | 9 | 0.8 | 6.8 | 6.5 | 27 | 0.12 | 0.034 | 8 | 10 | 0.08 | 200 | 0.018 | 2 | 0.32 | 0.018 | 0.11 | 1 | 0.04 | 1.9 | 0.1 | 0.73 | 2 | 5.7 | 1.1 | | | | | | |
| **79694** | 1.9 | 44.5 | 7.9 | 52 | 0.4 | 17.3 | 2.8 | 202 | 2.14 | 7.6 | 2.2 | 2.3 | 3 | 0.3 | 5.1 | 0.3 | 16 | 0.05 | 0.017 | 8 | 12 | 0.64 | 135 | 0.002 | 3 | 1.08 | 0.01 | 0.14 | 0 | 0.03 | 1.7 | 0 | 0 | 4 | 0.6 | 0 | | | | | | |
| **79695** | 0.4 | 59.5 | 20.4 | 72 | 0.3 | 49.4 | 9.7 | 5334 | 1.76 | 8.4 | 0 | 1.8 | 16 | 0.2 | 7 | 0.2 | 11 | 0.06 | 0.014 | 14 | 8 | 0.39 | 229 | 0.008 | 4 | 0.71 | 0.007 | 0.11 | 0 | 0.02 | 2.1 | 0 | 0 | 4 | 0 | 0 | | | | | | |
| **79696** | 1.5 | 27.1 | 8.1 | 54 | 0.2 | 19.7 | 10.1 | 450 | 2.48 | 5.1 | 0 | 1.6 | 43 | 0.3 | 4.8 | 0.2 | 72 | 1.78 | 0.025 | 6 | 32 | 0.99 | 28 | 0.145 | 2 | 1.15 | 0.021 | 0.01 | 0.1 | 0 | 4.8 | 0 | 0 | 5 | 0 | 0 | | | | | | |
| **79697** | 7 | 231 | 3815.6 | 266 | 39.8 | 1.7 | 3.5 | 393 | 3.81 | 565.6 | 257.2 | 12.8 | 10 | 1.5 | 30.5 | 3.7 | 15 | 0.09 | 0.109 | 28 | 2 | 0.08 | 187 | 0.002 | 2 | 0.62 | 0.006 | 0.27 | 0.2 | 0.13 | 1.4 | 0.5 | 0.33 | 2 | 2.9 | 2.7 | | | | | | |
| **79698** | 7.1 | 75.1 | 75.4 | 96 | 0.6 | 6.1 | 5.2 | 383 | 3.21 | 21.4 | 14.7 | 14.9 | 39 | 2.2 | 4.1 | 1.8 | 42 | 0.6 | 0.111 | 39 | 5 | 0.78 | 131 | 0.062 | 0 | 1.12 | 0.046 | 0.17 | 0.3 | 0 | 3.2 | 0.2 | 1.09 | 6 | 1.4 | 0.2 | | | | | | |
| **79700** | 10.8 | 181.1 | 64 | 238 | 0.6 | 7.1 | 5.2 | 113 | 2.32 | 9.1 | 5.7 | 25.1 | 18 | 2.2 | 20.9 | 0.5 | 10 | 0.53 | 0.057 | 19 | 3 | 0.26 | 59 | 0.006 | 0 | 0.48 | 0.04 | 0.19 | 0.3 | 0.05 | 1.9 | 0.2 | 2.2 | 2 | 3.2 | 0 | | | | | | |
| **2586701** | 5.7 | 47.5 | 5.5 | 24 | 0.2 | 6.5 | 1.9 | 128 | 2.36 | 46.3 | 15 | 4.5 | 18 | 0 | 3.9 | 0.8 | 26 | 0.04 | 0.036 | 12 | 17 | 0.84 | 232 | 0.013 | 5 | 1.29 | 0.019 | 0.31 | 0 | 0 | 2.3 | 0.3 | 0.05 | 5 | 1.6 | 0 | | | | | | |
| **2586702** | 10.8 | 224.6 | 37.6 | 66 | 0.9 | 28.2 | 7.7 | 193 | 1.94 | 28.7 | 28.5 | 4.3 | 18 | 0.3 | 9.7 | 0.2 | 62 | 0.15 | 0.027 | 9 | 37 | 1 | 192 | 0.089 | 2 | 1.61 | 0.061 | 0.71 | 0 | 0 | 8.2 | 1.1 | 0.11 | 7 | 0.9 | 0 | | | | | | |
| **2586703** | 16.8 | 228.9 | 9.8 | 30 | 0.3 | 27.2 | 14.4 | 58 | 2.06 | 10 | 4.7 | 9.1 | 6 | 0.4 | 23.3 | 0.3 | 41 | 0.14 | 0.044 | 10 | 25 | 0.49 | 118 | 0.048 | 0 | 0.8 | 0.025 | 0.43 | 0.2 | 0.02 | 6 | 0.4 | 1.36 | 4 | 2.6 | 0 | | | | | | |
| **2586704** | 22.6 | 137.2 | 37.5 | 67 | 0.6 | 14.9 | 7.8 | 61 | 4.02 | 20.4 | 5.6 | 10 | 5 | 0.4 | 19.6 | 0.5 | 18 | 0.1 | 0.037 | 10 | 9 | 0.16 | 36 | 0.01 | 0 | 0.55 | 0.013 | 0.26 | 0.4 | 0.04 | 3 | 0.2 | 3.06 | 1 | 5.1 | 0 | | | | | | |
| **2586705** | 2.6 | 404.3 | >10000.0 | >10000 | >100.0 | 1.2 | 0.4 | 267 | 7.25 | 67800 | 5789.9 | 0 | 5 | 404.2 | 28830 | 1.7 | 10 | 0.03 | 0.037 | 0 | 5 | 0 | 32 | 0 | 14 | 0.04 | 0 | 0.06 | 0 | >50.00 | 0.2 | 157.1 | 4.76 | 11 | 1.5 | 20.2 | 0.037 | 2.65 | 2.09 | >1000 | 2041 | |
| **2586706** | 4.2 | 1260.5 | >10000.0 | 5091 | >100.0 | 0.4 | 0.2 | 124 | 12.57 | >100000 | 10489.5 | 0 | 5 | 247.8 | >50000 | 1.3 | 16 | 0.02 | 0.015 | 0 | 3 | 0 | 24 | 0 | 0 | 0.03 | 0 | 0.04 | 0 | >50.00 | 0 | 387.1 | 4.79 | 8 | 1.6 | 19.1 | 0.125 | >4.00 | 0.53 | >1000 | 4194 | 10.56 |
| **2586707** | 4.4 | 717.6 | >10000.0 | 2149 | >100.0 | 1 | 1.2 | 188 | 13.72 | 98300 | 7355.5 | 0 | 5 | 100.4 | >50000 | 0.5 | 5 | 0.03 | 0.029 | 0 | 3 | 0 | 35 | 0 | 0 | 0.02 | 0 | 0.03 | 0 | 22.45 | 0 | 946.6 | 6.8 | 3 | 2.2 | 2.5 | 0.069 | >4.00 | 0.21 | >1000 | 1007 | 6.59 |
| **2586707** | 4.4 | 717.6 | >10000.0 | 2149 | >100.0 | 1 | 1.2 | 188 | 13.72 | 98300 | 7355.5 | 0 | 5 | 100.4 | >50000 | 0.5 | 5 | 0.03 | 0.029 | 0 | 3 | 0 | 35 | 0 | 0 | 0.02 | 0 | 0.03 | 0 | 22.45 | 0 | 946.6 | 6.8 | 3 | 2.2 | 2.5 | 0.069 | >4.00 | 0.21 | >1000 | 1007 | 6.59 |
| **LDS-1** | 13.4 | >10000.0 | 162.7 | 319 | 56.5 | 23.9 | 17.7 | 1640 | 10.69 | 406.9 | 888.8 | 1.5 | 20 | 2.7 | 132.1 | 61.7 | 18 | 10.65 | 0.638 | 26 | 9 | 0.26 | 26 | 0.055 | 4 | 1.15 | 0.014 | 0.02 | 37.8 | 0.09 | 2.8 | 0.9 | 1.97 | 7 | 8.4 | 6 | 2.709 | 0.02 | 0.03 | 53 | | |
| **LDS-2** | 128.6 | 8725.2 | 91.7 | 196 | 29.9 | 26.9 | 25.1 | 2100 | 13.77 | 857.6 | 380.2 | 1.7 | 12 | 1.7 | 67.2 | 50.8 | 24 | 12.39 | 0.377 | 21 | 11 | 0.24 | 80 | 0.042 | 3 | 1.04 | 0.007 | 0.06 | 73.5 | 0.03 | 3.3 | 1.1 | 0.85 | 8 | 9 | 6.3 | | | | | | |
| **LDS-3** | 25.4 | 9167 | 21.5 | 78 | 57.3 | 48.4 | 79.4 | 1053 | 11.14 | 277.8 | 671.5 | 2.7 | 9 | 0.5 | 20.8 | 88.2 | 25 | 7.68 | 0.467 | 30 | 10 | 0.23 | 30 | 0.07 | 1 | 0.69 | 0.006 | 0.03 | 63.2 | 0 | 2.2 | 0.1 | 3.86 | 7 | 20.3 | 5.8 | | | | | | |
| **LDS-4** | 22.9 | 2817.1 | 13.9 | 45 | 12.5 | 14.7 | 9.5 | 1895 | 12.49 | 515.4 | 73.5 | 0.7 | 2 | 0.4 | 12.3 | 10.8 | 21 | 13.72 | 0.052 | 21 | 6 | 0.23 | 17 | 0.018 | 3 | 0.92 | 0 | 0.01 | 64.4 | 0 | 1.8 | 0.2 | 0.71 | 10 | 2.7 | 2.7 | | | | | | |

Appendix 3: 2017 Geophysical Sections




**Survey Specifications**

Survey performed: September-October 2017

Survey magnetometer: GEM GSM19 Overhauser
Base magnetometer: Scintrex ENVI proton precession

Measurment: total field
Data interval: 10 metres
Diurnal corrections: base station

Profile base: 56050 nT
Data scale: 250 nT/cm
(at 1:5,000 scale)

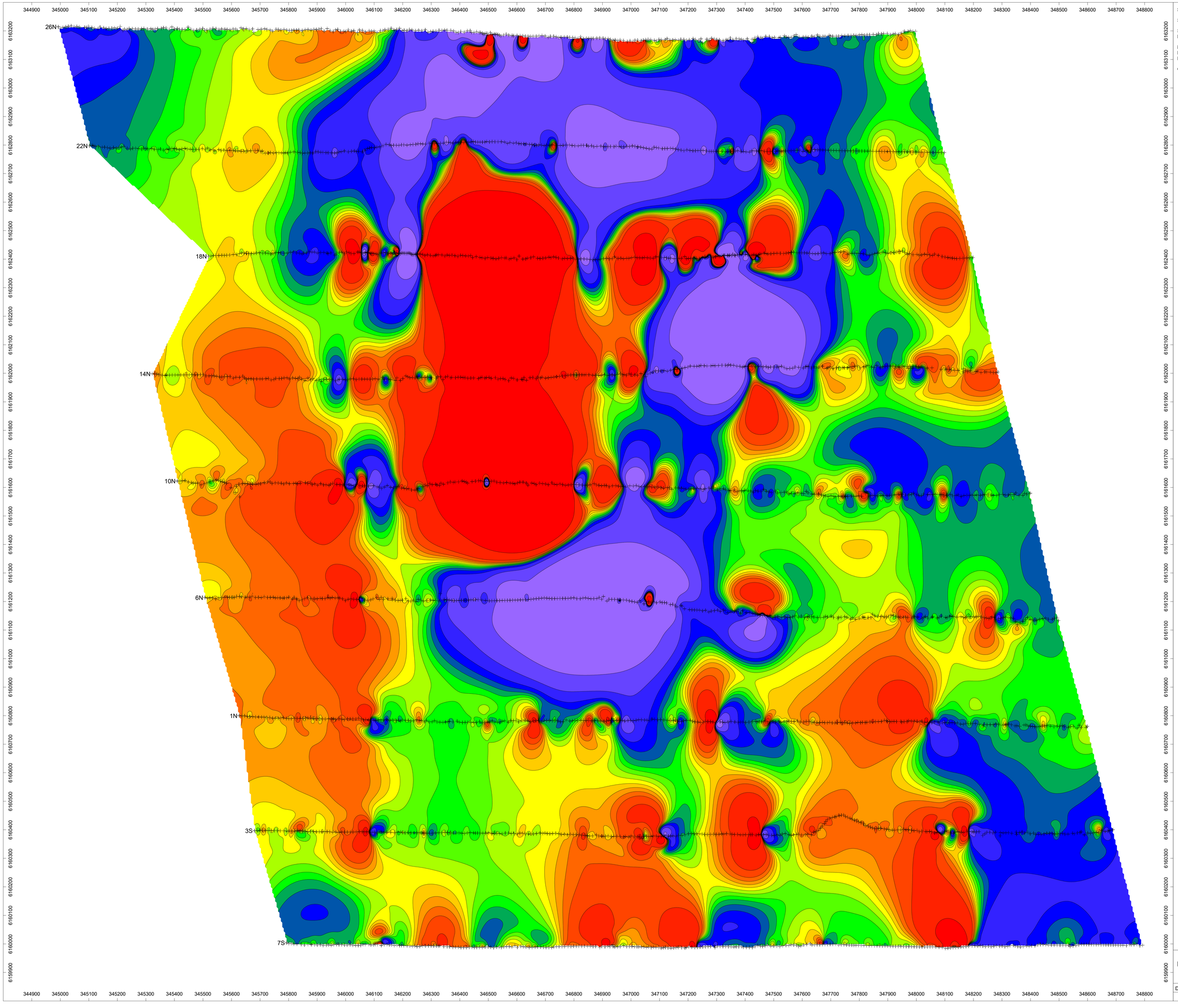
Plot coordinates: idealized grid

METRES
0 50 100 150 200 250

Lorraine Copper Corp.
Lustdust Property, Fort St James Area, BC
Total Field Magnetometer Survey
Stacked Profiles

Drawn by: B Scott | Date: November 2017

Scott Geophysics Ltd.




**Survey Specifications**

Survey performed: September-October 2017

Survey magnetometer: GEM GSM-19 Overhauser
Base magnetometer: Scintrex ENVI proton precession

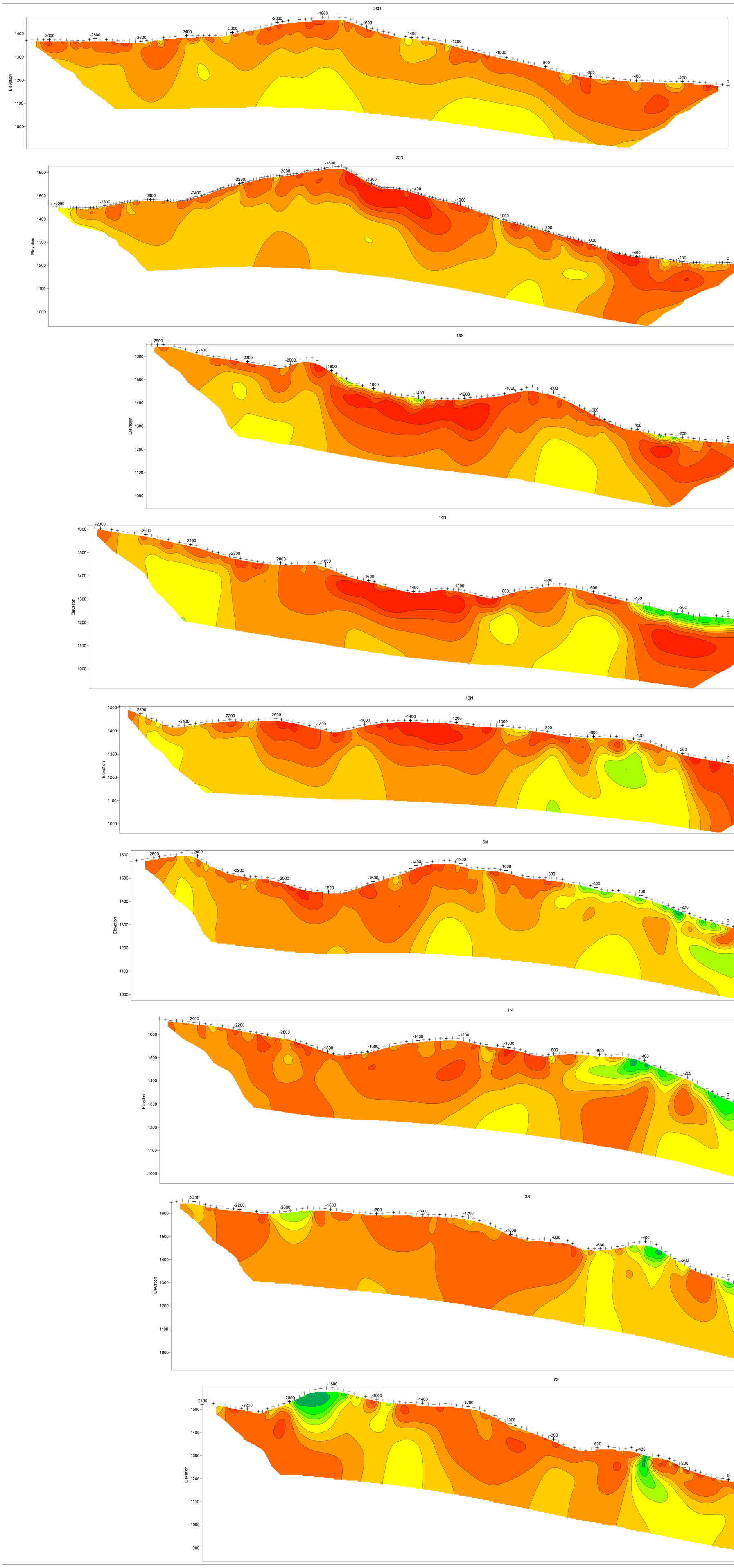
Measurment: total field
Data interval: 10 metres
Diurnal corrections: base station

Grid coordinates: WGS84 UTM Zone 11U

Lorraine Copper Corp.
Lustdust Property, Fort St James Area, BC
Total Field Magnetometer Survey
Contour Plan

Drawn by: B Scott | Date: November 2017

Scott Geophysics Ltd.




**Survey Specifications**

Survey performed: September-October 2017

Receiver: GDD GRx8-32
Transmitter: GDD TxII (5 kW)
Pulse time: 2 sec
Mx receive window: 690-1050 msec

Array: pole-dipole
a spacing, n separations:
a = 50m, n = 1-5
a = 100m, n = 2.5 + 3-8

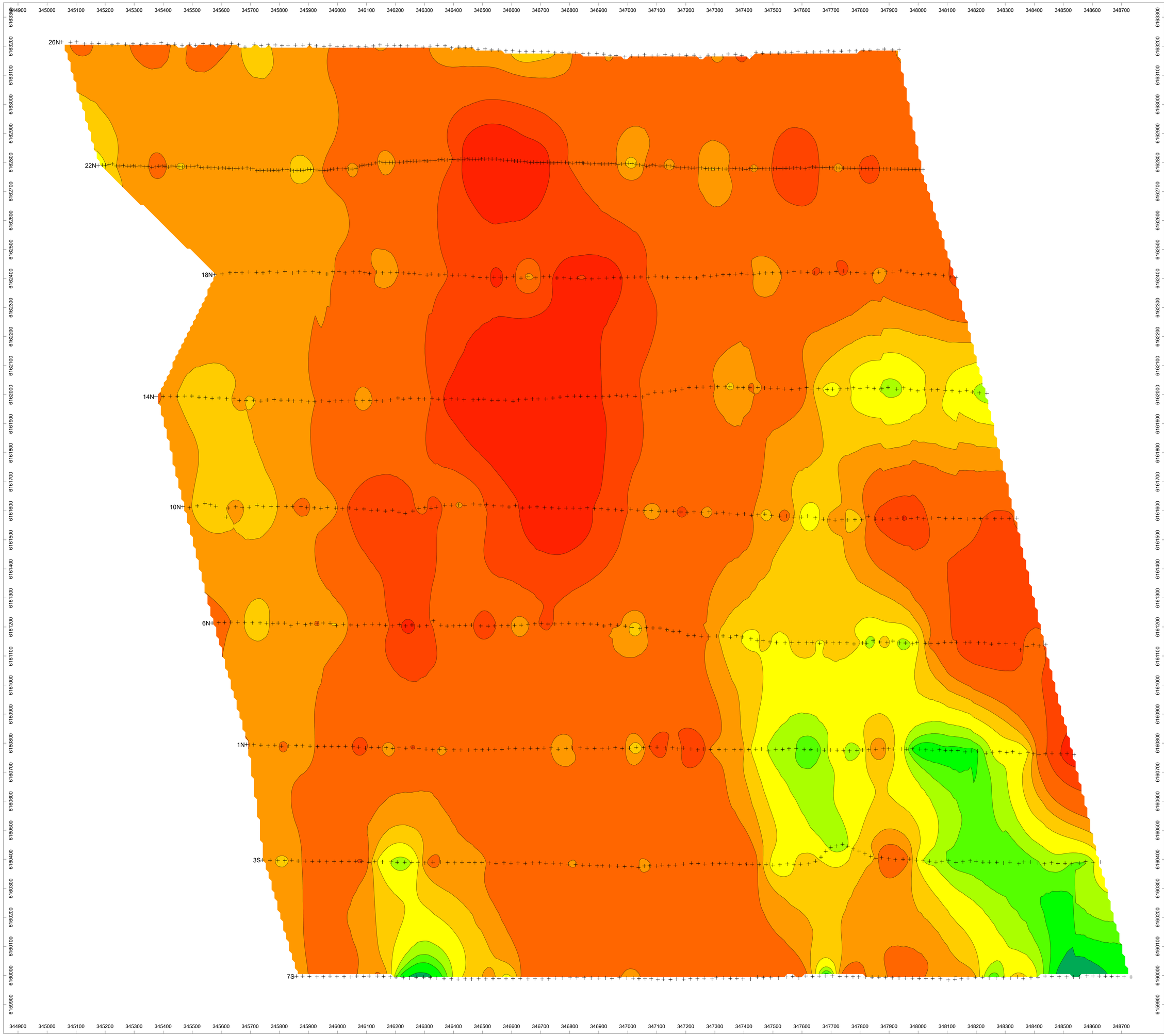
Current electrode east of potential electrodes

METRES
0 50 100 150 200 250

Lorraine Copper Corp.
Lustdust Property, Fort St James Area, BC
RES2DINV Inverted Chargeability Data
Inverted Sections

Drawn by: B Scott
Date: November 2017

Scott Geophysics Ltd.




**Survey Specifications**

Survey performed: September-October 2017

Receiver: GDD GRx8-32
Transmitter: GDD TxII (5 kW)
Pulse time: 2 sec
Mx receive window: 690-1050 msec

Array: pole-dipole
a spacing, n separations:
a = 50m, n = 1-5
a = 100m, n = 2.5 + 3-8

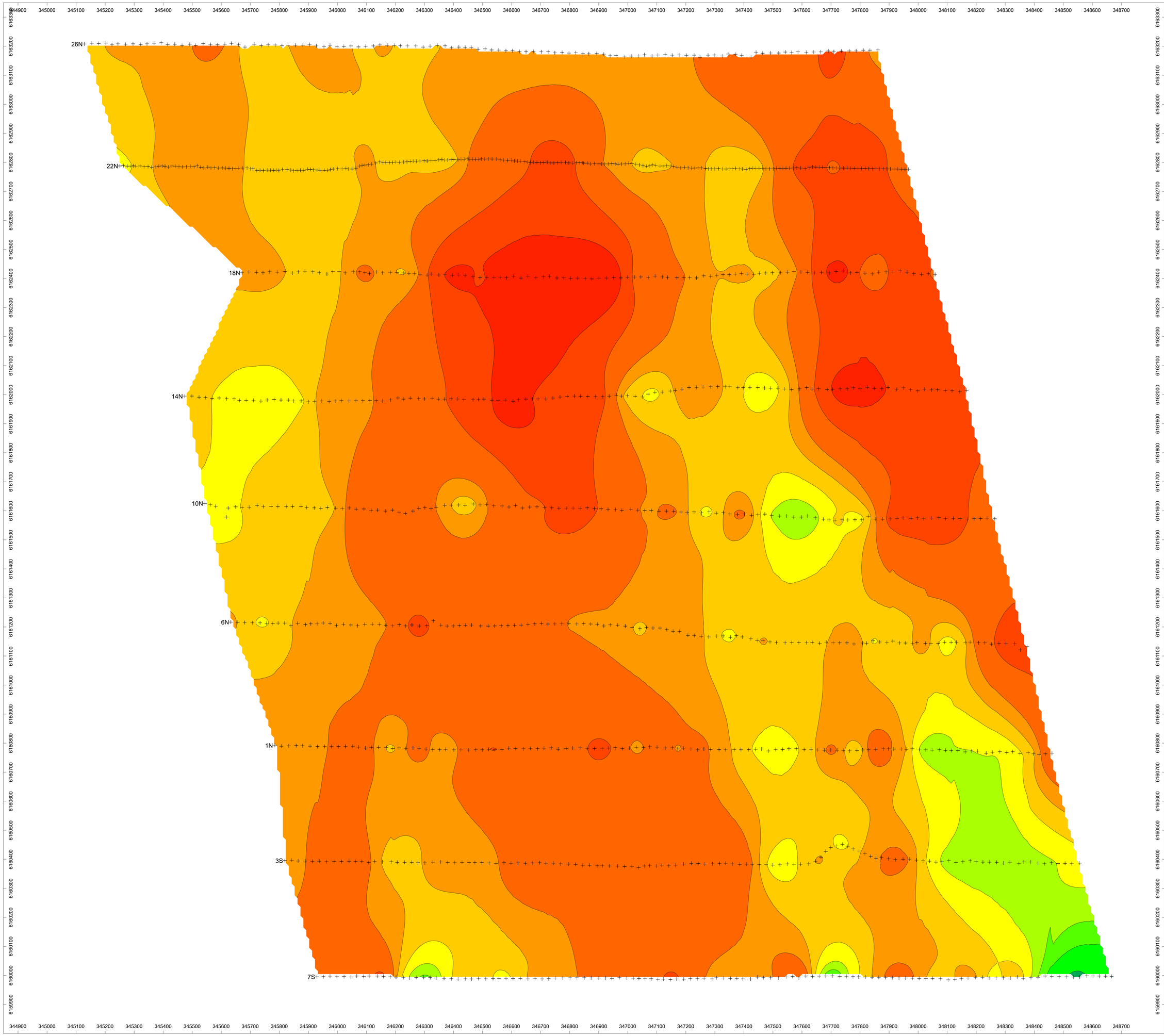
Current electrode east of potential electrodes

Grid coordinates: WGS84 UTM Zone 10U

Lorraine Copper Corp.
Lustdust Property, Fort St James Area, BC
Induced Polarization Survey
RES2DINV Inverted Chargeability Data
50m Depth Plan

Drawn by: B Scott | Date: November 2017

Scott Geophysics Ltd.




**Survey Specifications**

Survey performed: September-October 2017

Receiver: GDD GRx8-32
Transmitter: GDD TxII (5 kW)
Pulse time: 2 sec
Mx receive window: 690-1050 msec

Array: pole-dipole
a spacing, n separations:
a = 50m, n = 1-5
a = 100m, n = 2.5 + 3-8

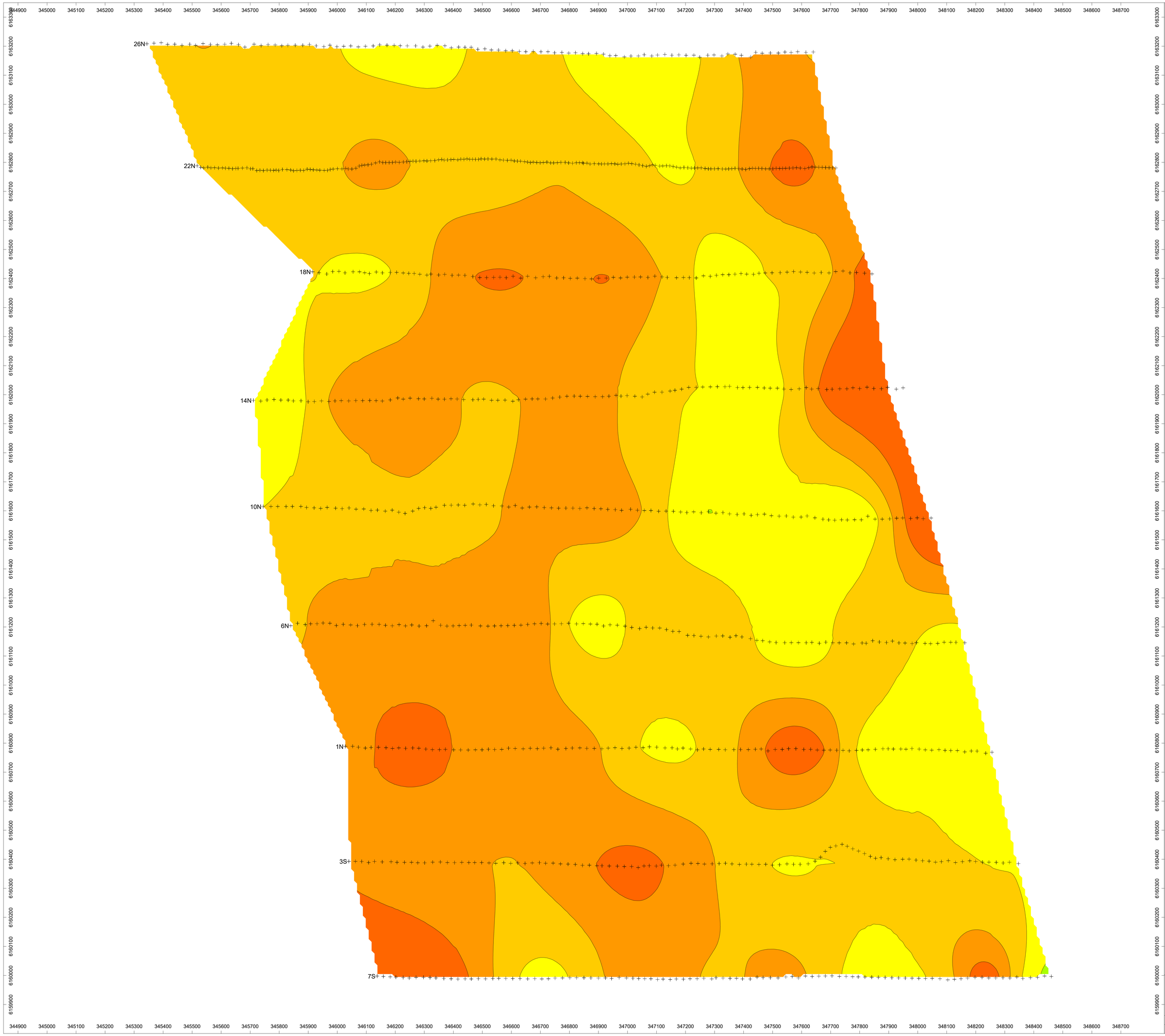
Current electrode east of potential electrodes

Grid coordinates: WGS84 UTM Zone 10U

Lorraine Copper Corp.
Lustdust Property, Fort St James Area, BC
Induced Polarization Survey
RES2DINV Inverted Chargeability Data
100m Depth Plan

Drawn by: B Scott | Date: November 2017

Scott Geophysics Ltd.




**Survey Specifications**

Survey performed: September-October 2017

Receiver: GDD GRx8-32
Transmitter: GDD TxII (5 kW)
Pulse time: 2 sec
Mx receive window: 690-1050 msec

Array: pole-dipole
a spacing, n separations:
a = 50m, n = 1-5
a = 100m, n = 2.5 + 3-8

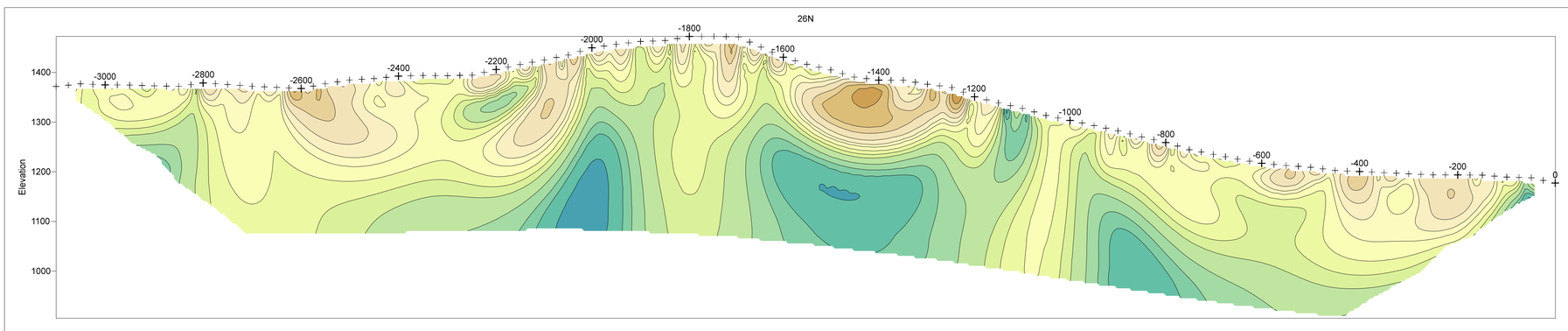
Current electrode east of potential electrodes

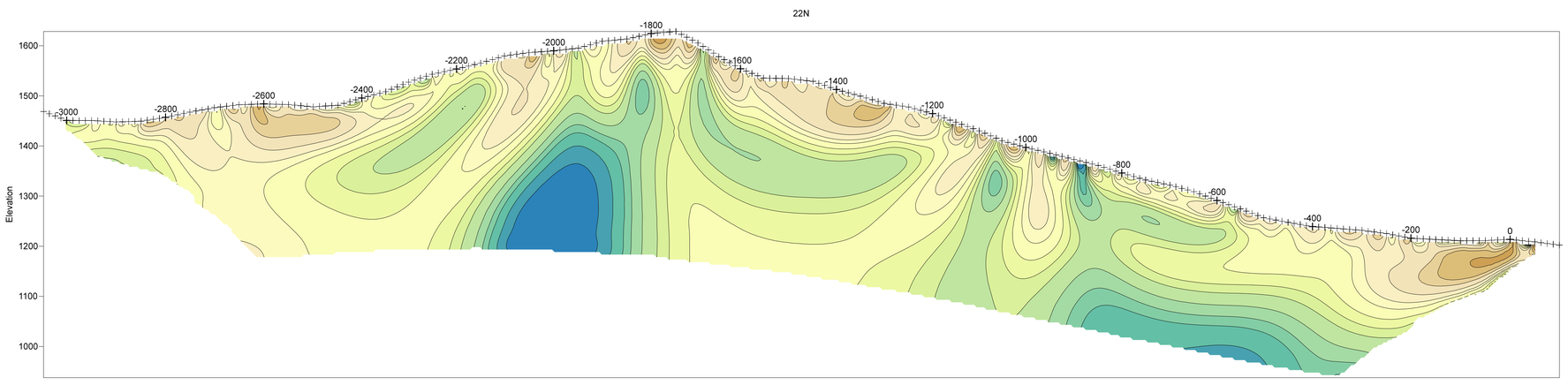
Grid coordinates: WGS84 UTM Zone 10U

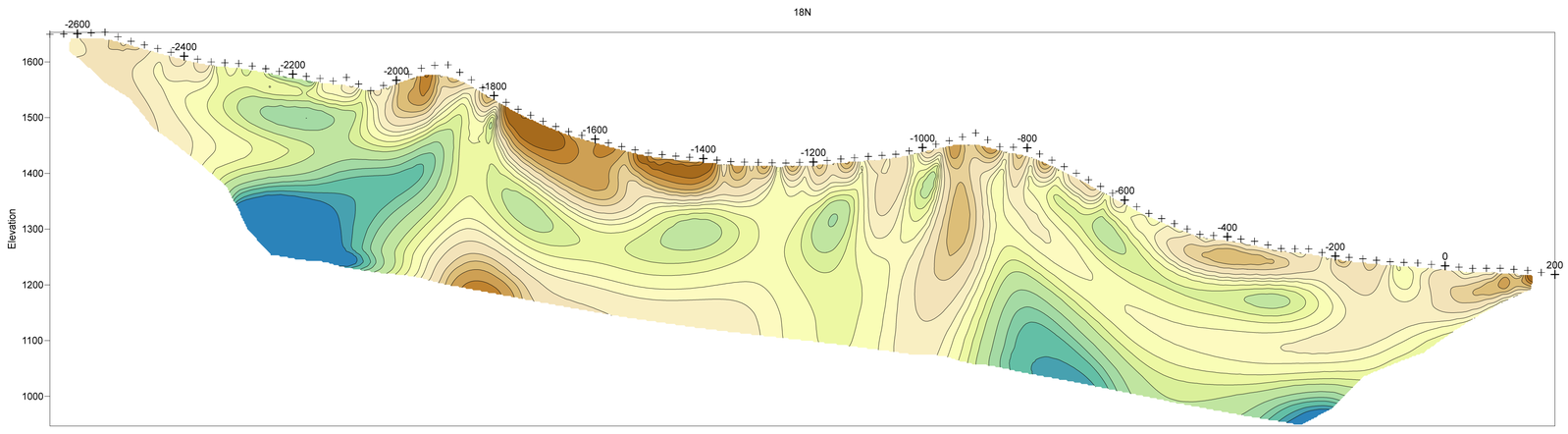
Lorraine Copper Corp.
Lustdust Property, Fort St James Area, BC
Induced Polarization Survey
RES2DINV Inverted Chargeability Data
300m Depth Plan

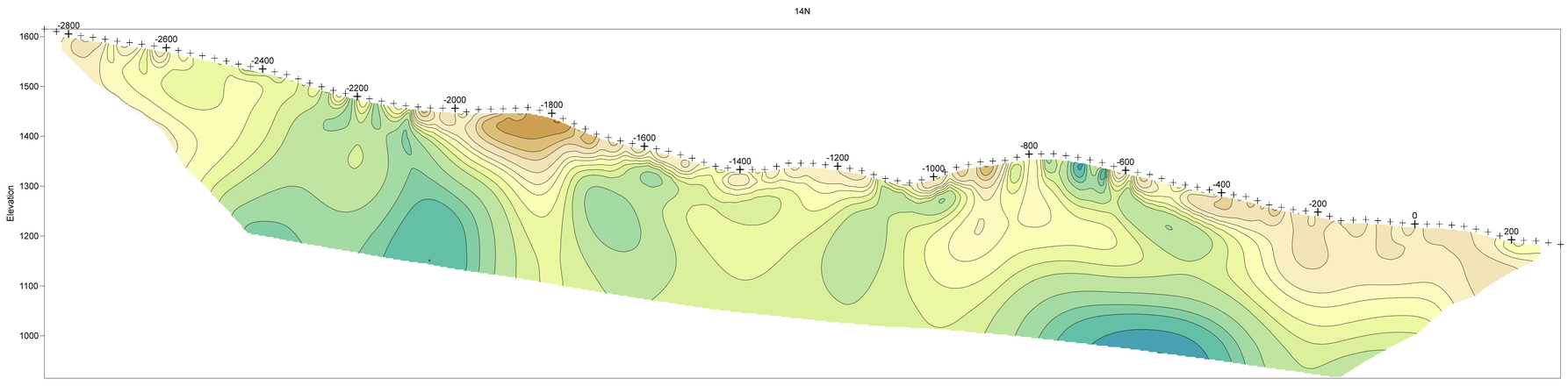
Drawn by: B Scott
Date: November 2017

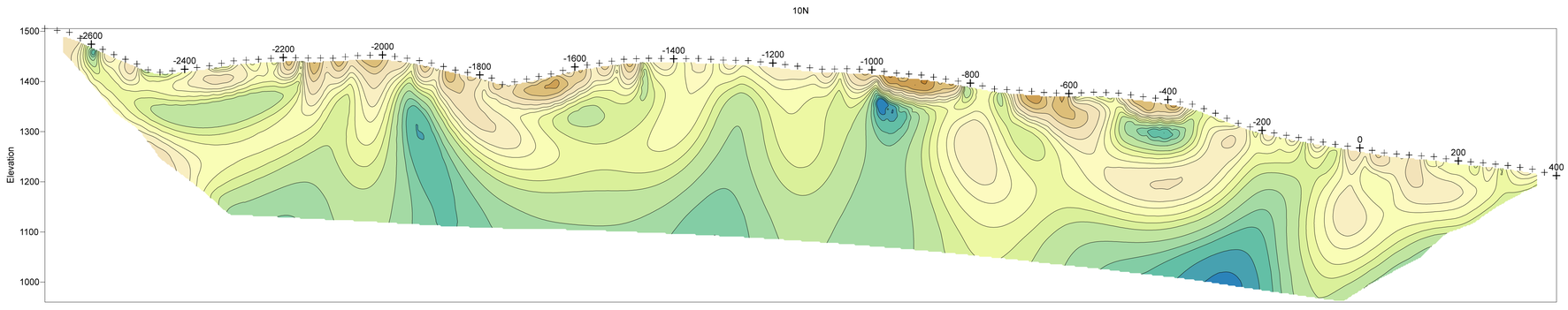
Scott Geophysics Ltd.

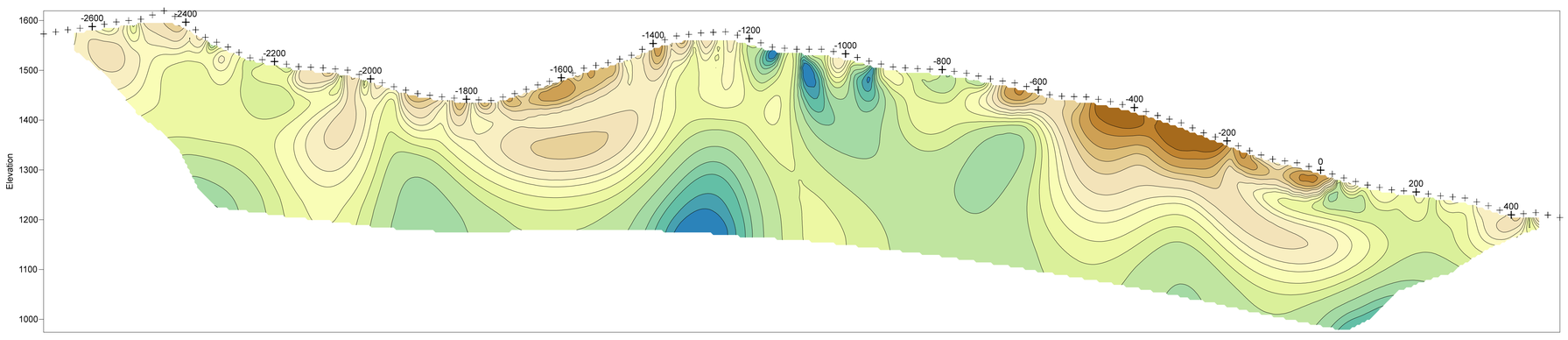


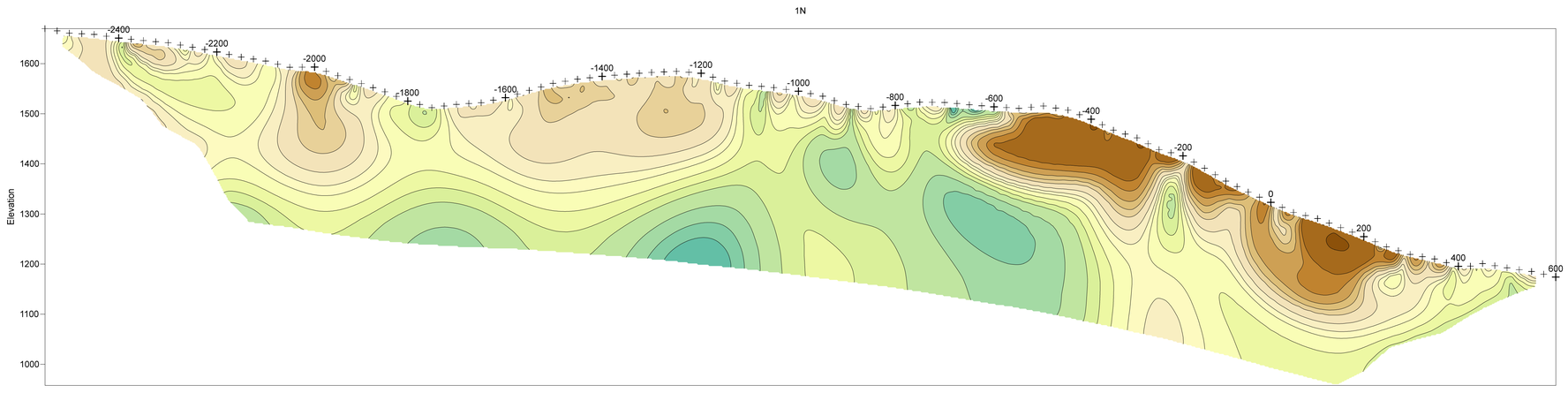



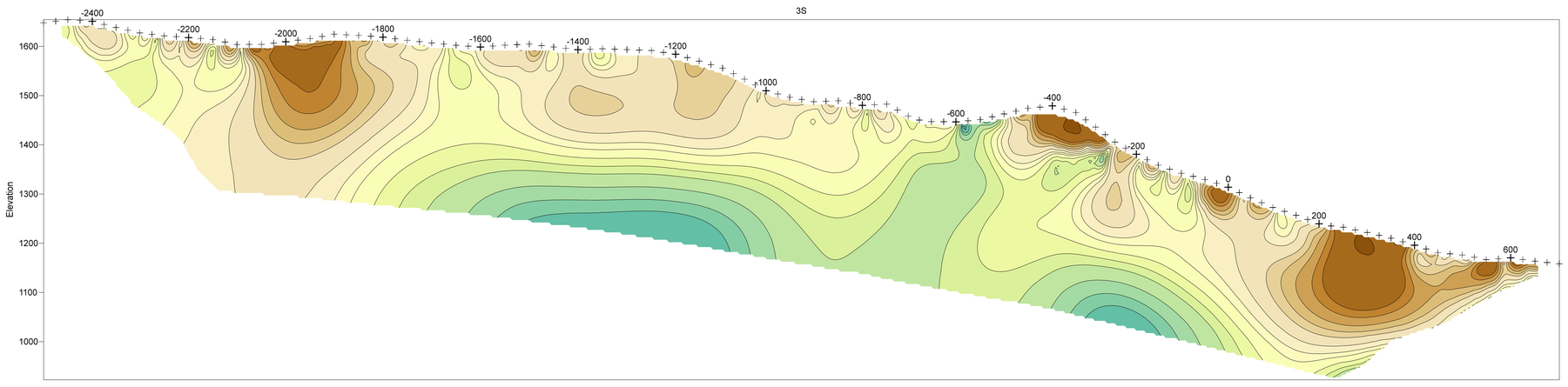



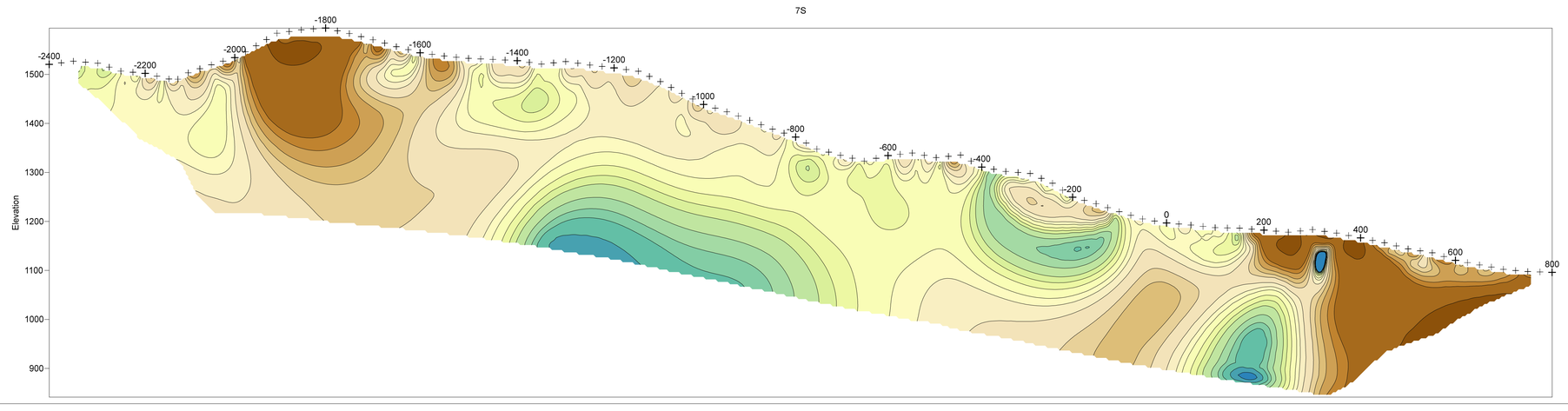



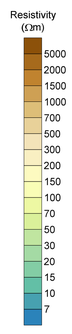




**Survey Specifications**

Survey performed: September-October 2017

Receiver: GDD GRx8-32
Transmitter: GDD TxII (5 kW)
Pulse time: 2 sec
Mx receive window: 690-1050 msec

Array: pole-dipole
a spacing, n separations:
a = 50m, n = 1-5
a = 100m, n = 2.5 + 3-8

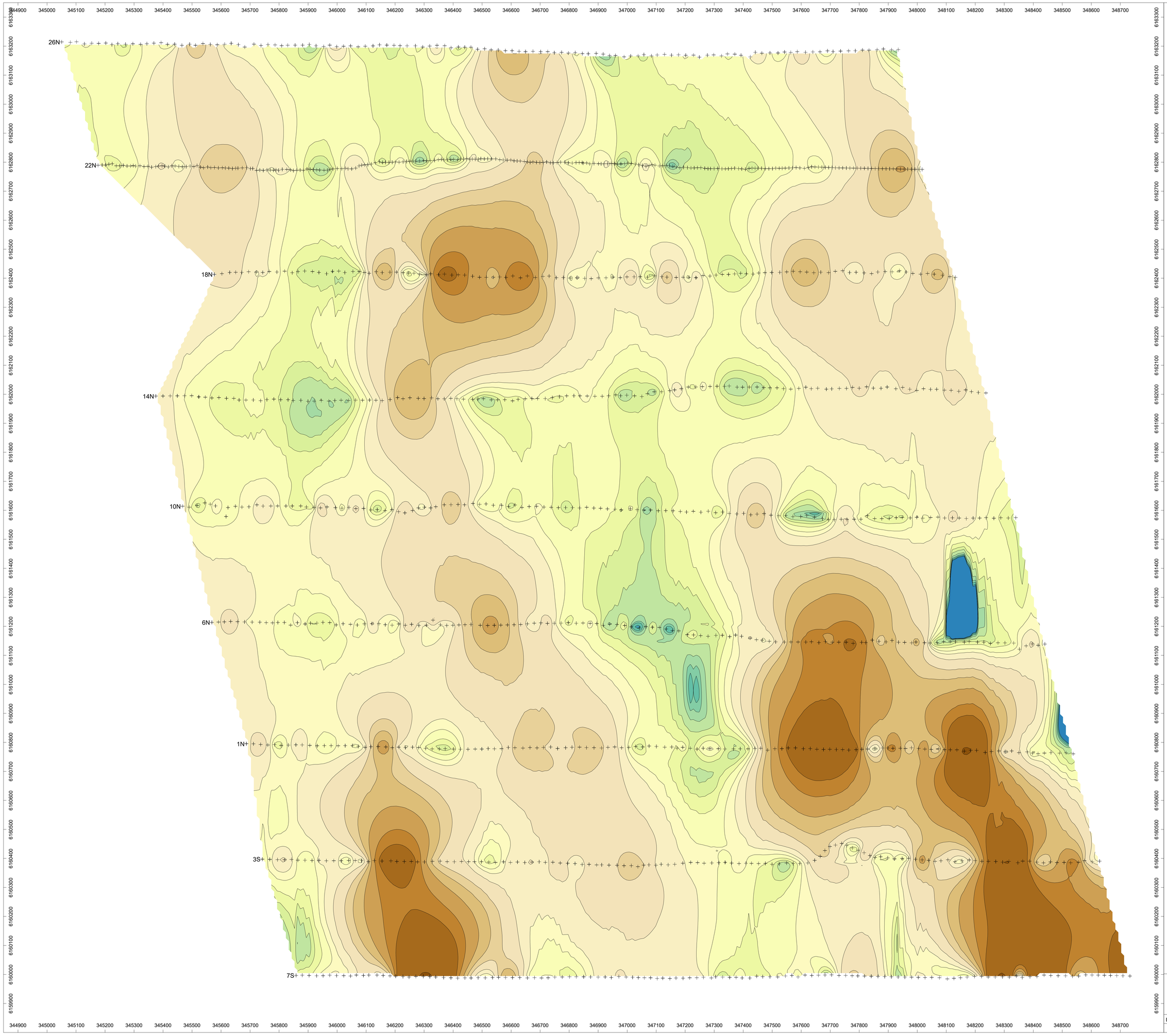
Current electrode east of potential electrodes

METRES
0 50 100 150 200 250

Lorraine Copper Corp.
Lustdust Property, Fort St James Area, BC
RES2DINV Inverted Resistivity Data
Inverted Sections

Drawn by: B Scott | Date: November 2017

Scott Geophysics Ltd.




**Survey Specifications**

Survey performed: September-October 2017

Receiver: GDD GRx8-32
Transmitter: GDD TxII (5 kW)
Pulse time: 2 sec
Mx receive window: 690-1050 msec

Array: pole-dipole
a spacing, n separations:
a = 50m, n = 1-5
a = 100m, n = 2.5 + 3-8

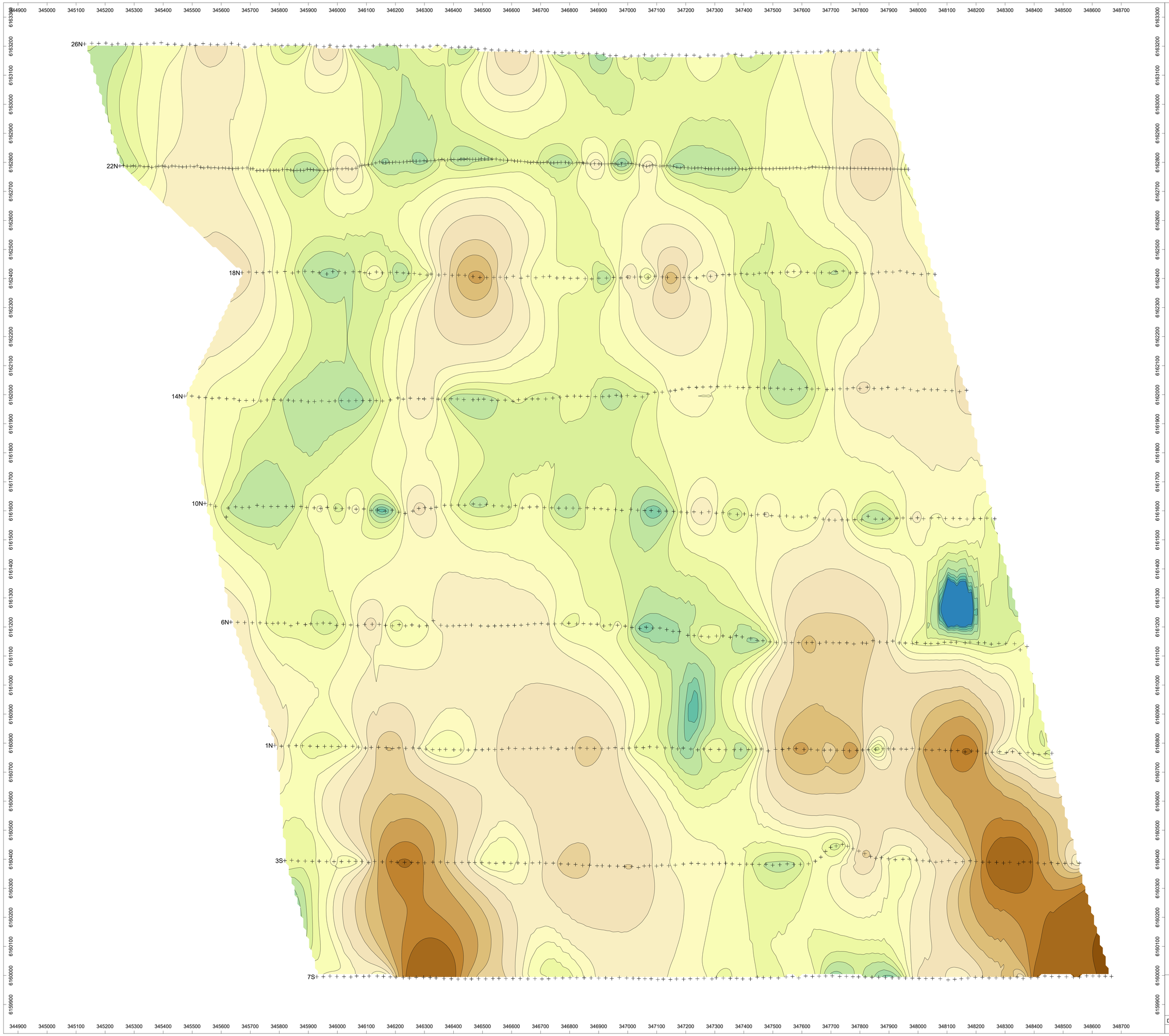
Current electrode east of potential electrodes

Grid coordinates: WGS84 UTM Zone 10U

Lorraine Copper Corp.
Lustdust Property, Fort St James Area, BC
Induced Polarization Survey
RES2DINV Inverted Resistivity Data
50m Depth Plan

Drawn by: B Scott | Date: November 2017

Scott Geophysics Ltd.




**Survey Specifications**

Survey performed: September-October 2017

Receiver: GDD GRx8-32
Transmitter: GDD TxII (5 kW)
Pulse time: 2 sec
Mx receive window: 690-1050 msec

Array: pole-dipole
a spacing, n separations:
a = 50m, n = 1-5
a = 100m, n = 2.5 + 3-8

Current electrode east of potential electrodes

Grid coordinates: WGS84 UTM Zone 10U

Resistivity (Ωm)

5000
2000
1500
1000
700
500
300
200
150
100
70
50
30
20
15
10
7

N

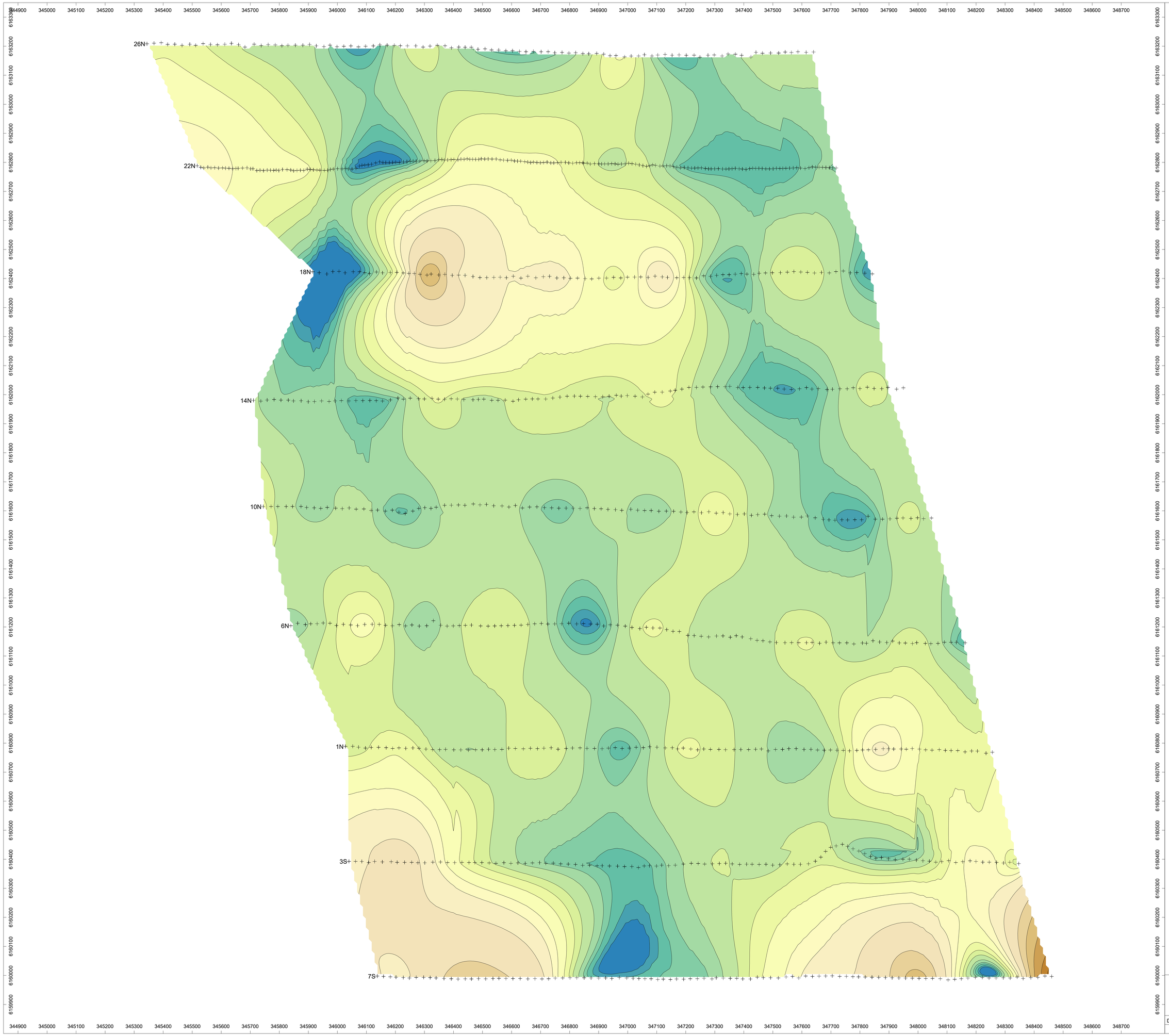
METRES

0 50 100 150 200 250

Lorraine Copper Corp.
Lustdust Property, Fort St James Area, BC
Induced Polarization Survey
RES2DINV Inverted Resistivity Data
100m Depth Plan

Drawn by: B Scott | Date: November 2017

Scott Geophysics Ltd.




**Survey Specifications**

Survey performed: September-October 2017

Receiver: GDD GRx8-32
Transmitter: GDD TxII (5 kW)
Pulse time: 2 sec
Mx receive window: 690-1050 msec

Array: pole-dipole
a spacing, n separations:
a = 50m, n = 1-5
a = 100m, n = 2.5 + 3-8

Current electrode east of potential electrodes

Grid coordinates: WGS84 UTM Zone 10U

Resistivity
(Ωm)

5000
2000
1500
1000
700
500
300
200
150
100
70
50
30
20
15
10
7

N

METRES
0 50 100 150 200 250

Lorraine Copper Corp.
Lustdust Property, Fort St James Area, BC
Induced Polarization Survey
RES2DINV Inverted Resistivity Data
300m Depth Plan

Drawn by: B Scott
Date: November 2017

Scott Geophysics Ltd.

Appendix 4: 2017 Drill Logs and Assay Results

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Property; Stardust** | | | **Hole Location** | | | | | **Orientation** | | | **Start Date** | | 11- Oct, 2017 | | | | | | | | | |
| **Hole ID; LD2017-01** | | | **datum; NAD 83 Z10** | | | | | **Azimuth $^0$** | | 55 | **Completion** | | 13-Oct, 2017 | | | | | | | | | |
| **Hole Depth; 105.46m** | | | **Location Method; previous pad** | | | | | **Dip $^0$** | | -75 | **Logged by** | | Johnston | | | | | | | | | |
| **Core Size; NQ** | | | **UTM E** | 346929 | | | | | | | **Date Logged** | | Oct 13-16, 2017 | | | | | | | | | |
| **Drilled by; Paycore** | | | **UTM N** | 6162152 | | | | **Downhole Survey** | | | | | | | | | | | | | | |
| | | | **Grid E** | | | | | **type** | | Reflex | | | | | | | | | | | | |
| | | | **Grid N** | | | | | **depth (m)** | | 93.3 | | | | | | | | | | | | |
| | | | **Elevation** | 1358m | | | | **temp** | | 3 | | | | | | | | | | | | |
| | | | | | | | | **Dip $^0$** | | -70.4 | | | | | | | | | | | | |
| | | | | | | | | **azimuth $^0$** | | 35.3 | | | | | | | | | | | | |
| | | | | | | | | **corrected az $^0$** | | 53.5 | | | | | | | | | | | | |
| **Notes** | engine blew at start of 2nd shift; lost most of 1 day | | | | | | | | | | | | | | | | | | | | | |
| **Target** | due dilligience hole to verfiy skarn mineralization results from previous drilling | | | | | | | | | | | | | | | | | | | | | |

Drill Hole; LD2017-01

| from | to | description | sample | from | to | length (m) | rec % | litho code | alt | py | cp | sp | po | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | As ppm | Au ICP ppb | Au FA | Sb ppm | Bi ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 4.57 | casing | | | | | | | | | | | | | | | | | | | | | |
| 4.57 | 7.92 | rubble | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| 7.92 | 20.75 | **porphyritic monzonite** | | | | | | | | | | | | | | | | | | | | | |
| | | lt gy groundmass with indistinct wh feld xtls to 7mm; minor weakly chl alt hb's to 5mm; minor eu bk biot to 2mm; 0.5-1% diss, frax py | 2598001 | 7.92 | 11.00 | 3.08 | 73 | MNZ | | 0.5% | | | | 2.2 | 110.3 | 13.7 | 34 | 0.3 | 5.3 | 9.8 | | 2.7 | 1.4 |
| | | broken core to 9m | 2598002 | 11.00 | 14.00 | 3.00 | 100 | MNZ | | 0.5% | | | | 1.9 | 58.6 | 5.1 | 35 | 0.1 | 5.3 | 12.1 | | 2.3 | 1.4 |
| | | surface Feox stained frax to 10m | 2598003 | 14.00 | 17.00 | 3.00 | 97 | MNZ | | 0.5% | | | | 2 | 116.2 | 5 | 29 | 0.2 | 4.7 | 9 | | 2.4 | 2 |
| | | 15.8m; 2cm 70CA fine clay zone with sharp boundaries | 2598004 | 17.00 | 20.00 | 3.00 | 100 | MNZ | | 0.5% | | | | 3.3 | 17.6 | 12.7 | 49 | 0.2 | 7.6 | 8.5 | | 1.7 | 1.6 |
| | | 16.5-20.75m; local felds to 1cm; local intervals with inc alt with less distinct felds | 2598005 | 20.00 | 20.75 | 0.75 | 100 | MNZ | | 0.5% | | | | 2.1 | 55.4 | 7.8 | 40 | 0.2 | 10.2 | 13.3 | | 1.9 | 0.8 |
| | | 20.75m; sharp 80CA contact | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| 20.75 | 49.3 | **cherty argillite** | | | | | | | | | | | | | | | | | | | | | |
| | | lt gy siliceous argillite with abund 2-5mm light bn biot bands (hornfels alteration?) run 40-90CA, local ep; core gen v broken w/ chl on frax; py to 1% | | | | | | | | | | | | | | | | | | | | | |
| | | 22.2-22.6m; v broken competent core | 2598006 | 20.75 | 23.75 | 3.00 | 92 | CARG | | 0.5% | | | | 11.1 | 135.7 | 45 | 91 | 0.8 | 40.7 | 39 | | 4 | 3.2 |
| | | 26.0-26.6m; v broken competent core | 2598007 | 23.75 | 26.75 | 3.00 | 97 | CARG | | 0.5% | | | | 13.6 | 148.2 | 117.1 | 456 | 1.7 | 59.3 | 23.8 | | 9.9 | 1 |
| | | 27.85m; dk bn biot form matrix to cherty arg frag bx; biot bands locally v tightly folded | 2598008 | 26.75 | 29.75 | 3.00 | 73 | CARG | | 0.5% | | | | 13.3 | 125.4 | 594.5 | 949 | 1.8 | 70.2 | 22.2 | | 10.4 | 0.6 |
| | | | 2598009 | 29.75 | 32.30 | 2.55 | 100 | CARG | | 0.5% | | | | 5.8 | 71.7 | 3.4 | 22 | 0.2 | 40 | 20.4 | | 2.8 | 0.4 |
| | | 32.2-35.4m; broken core in top 30cm; rest of interval as small arg frags; block at 35.4m says "wash clay" | 2598010 | 32.30 | 35.40 | 2.10 | 24 | CARG | | 0.5% | | | | 4.8 | 148.7 | 12.1 | 40 | 0.5 | 22.5 | 18.7 | | 2.1 | 0.5 |
| | | 36.7m; 30cm of slightly rounded rubble | 2598011 | 35.40 | 38.40 | 3.00 | 70 | CARG | | 0.5% | | | | 11.7 | 244.6 | 16.6 | 27 | 0.5 | 40.6 | 34.9 | | 4.2 | 0.6 |
| | | 38-41m; lighter brown biot? along with the darker brown biot seen above | 2598012 | 38.40 | 41.40 | 3.00 | 84 | CARG | | 0.5% | | | | 7.9 | 76.1 | 164.7 | 138 | 0.6 | 59.4 | 6 | | 4.7 | 0.3 |
| | | 41m-end of interval; lighter coloured (bleached?) with local chl alt biots; py dec to minor; core more broken with chl on frax, local slix | 2598013 | 41.40 | 44.40 | 3.00 | 80 | CARG | | minor | | | | 7.7 | 94.1 | 52.7 | 137 | 0.8 | 13 | 2.9 | | 8.7 | 0.4 |
| | | 46.2-46.6m; bk arg; strong 40CA fabric (bedding) as in the surrounding interval | | | | | | | | | | | | | | | | | | | | | |

Drill Hole; LD2017-01

| from | to | description | sample | from | to | length (m) | rec % | litho code | alt | py | cp | sp | po | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | As ppm | Au ICP ppb | Au FA | Sb ppm | Bi ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 46.6m; py inc to 1% | 2598014 | 44.40 | 47.40 | 3.00 | 77 | CARG | | 1% | | | | 10.2 | 205.9 | 54.1 | 81 | 0.6 | 121.1 | 16.9 | | 27.2 | 0.7 |
| | | 47.7m; 20cm v finely broken "sandy" core | 2598015 | 47.40 | 49.30 | 1.90 | 71 | CARG | | 1% | | | | 22.9 | 481.3 | 47.5 | 91 | 1.2 | 95.8 | 21.4 | | 38.4 | 2 |
| | | 48.5m; 30cm solid core with lt bn biot? in 30CA fabric | | | | | | | | | | | | | | | | | | | | | |
| | | 49.3m; broken core through contact but appears to sharp 40CA contact | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| 49.3 | 76.13 | **porphyritic monzonite** | | | | | | | | | | | | | | | | | | | | | |
| | | lt gy-gn gm with wh felds from 2-10mm; local patches of dk gn chl alt; 1-2% py as diss, vnlts | | | | | | | | | | | | | | | | | | | | | |
| | | | 2598016 | 49.30 | 52.30 | 3.00 | 100 | MNZ | | 1% | | | | 1.9 | 74.7 | 47.7 | 153 | 0.9 | 114.7 | 31.3 | | 6 | 3.1 |
| | | 53.55m; 5cm soft clay "seam" with sharp 70CA contacts | 2598017 | 52.30 | 55.30 | 3.00 | 87 | MNZ | | 1% | | | | 1.7 | 107.4 | 206.2 | 369 | 1.9 | 60 | 35.1 | | 12.7 | 4 |
| | | 60-63m; core sl bleached | 2598018 | 55.30 | 58.30 | 3.00 | 66 | MNZ | | 1% | | | | 1.9 | 66.8 | 21.2 | 42 | 0.3 | 14 | 15.5 | | 4.4 | 3 |
| | | | 2598019 | 58.30 | 61.30 | 3.00 | 93 | MNZ | | 1% | | | | 2.2 | 46.7 | 12.4 | 28 | 0.3 | 38.8 | 24.2 | | 4.7 | 3.2 |
| | | 61.3m; 2-7mm wide wh py vein at high CA | 2598020 | standard CDN-GS-1C | | | | | | 1% | | | | 7 | 65.6 | 19.6 | 103 | 2.3 | 356.7 | 1027.4 | | 26.8 | 0.3 |
| | | 61.5-63.5m; local broken sections with gn clay on frax; fragments from 2-20cm | | | | | | | | | | | | | | | | | | | | | |
| | | 67.5-69.6m; local broken sections with gn clay on frax; fragments from 2-20cm | 2598021 | 61.30 | 64.30 | 3.00 | 90 | MNZ | | 1% | | | | 2.7 | 58.9 | 57.4 | 130 | 0.8 | 53.5 | 22.1 | | 10.4 | 3.1 |
| | | 70.6m; 15cm of dk gn alt with faint felds | 2598022 | 64.30 | 67.30 | 3.00 | 99 | MNZ | chl | 1% | | | | 1.2 | 64.6 | 21 | 52 | 0.3 | 22.9 | 12.5 | | 7.7 | 3 |
| | | 71.3-71.8m; dk gn alt with faint felds | 2598023 | 67.30 | 70.30 | 3.00 | 90 | MNZ | chl | 1% | | | | 3.2 | 138.5 | 10 | 35 | 0.4 | 38 | 16 | | 18.8 | 2.2 |
| | | 71.93-72.8m; bleached soft, clayey, crumbly alteration haloes around frax | 2598024 | 70.30 | 73.30 | 3.00 | 94 | MNZ | | 1% | | | | 2 | 61.2 | 12.7 | 30 | 0.3 | 35.1 | 22.3 | | 9.5 | 2.5 |
| | | 73.4m; 20cm of dk gn alt with faint felds | 2598025 | 73.30 | 76.13 | 2.83 | 100 | MNZ | chl | 1% | | | | 0.5 | 85.6 | 13.9 | 35 | 0.4 | 228.5 | 461.4 | | 16.8 | 2.2 |
| | | 76.13; sharp contact in broken core | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| 76.13 | 83.6 | **cherty argillite with skarn intervals** | | | | | | | | | | | | | | | | | | | | | |
| | | cherty argillite as above; lt gy siliceous argillite with abund bn biot bands; local bk arg beds; cc-chl frax; ; includes intervals of fg skarn to 45cm; 1% py overall as diss, veinlets | | | | | | | | | | | | | | | | | | | | | |
| | | 76.95m; 10cm monz dyke; broken core at contacts | 2598026 | 76.13 | 79.20 | 3.07 | 100 | CARG | | 1% | | | | 11.2 | 152 | 113.4 | 181 | 1.3 | 58.2 | 74.4 | | 13.6 | 1.9 |
| | | 77.05m; 20cm of lt gn-pk diop-gt skarn | 2598027 | 79.20 | 82.20 | 3.00 | 93 | CARG | | 2% | | | | 266.5 | 334.3 | 10.4 | 51 | 1 | 93.1 | 104.9 | | 8.4 | 2.7 |
| | | 79.25-79.7m; fg gn-pk diop-gt skarn w/ 3-5% py frax | 2598028 | 82.20 | 83.60 | 1.40 | 94 | CARG | | 1% | | | | 13.5 | 173.2 | 77.7 | 243 | 1.2 | 45.4 | 33.4 | | 4.7 | 0.9 |
| | | 79.7-83.6m; interfingered lt gy and bk arg with 80CA fabric; still with lt bn bt-gt? bands | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| 83.6 | 84.12 | **monzonite** | 2598029 | 83.60 | 84.12 | 0.52 | 98 | MNZ | | | | | | 5.2 | 78.4 | 371.1 | 739 | 2.7 | 31.7 | 30.7 | 34 | 5.1 | 1.8 |
| | | as prev; lt gy gn gm with minor wh felds from 2-7mm | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| 84.12 | 105.46 | **skarn** | | | | | | | | | | | | | | | | | | | | | |
| | | fine grained pink and light green bands (garnet and diopside?) with local fg gn and bn eu garnets; local irreg dk gy-pp qtz vns to 1cm; local intervals of unaltered cherty arg host rock | | | | | | | | | | | | | | | | | | | | | |
| | | 84.12-85.20m; fg gn-bn skarn w/ py to 1% | 2598030 | 84.12 | 85.20 | 1.08 | 100 | SKN | | 1% | 0.5% | | | 549.7 | 357.3 | 94.1 | 183 | 1 | 352.3 | 178.6 | 107 | 2.6 | 3.5 |
| | | 85.20-86.57m; fg gn bn skarn; incl 85.3-86.0m with 1-2% cp with py; 86.2-86.57m w/ abund mgt | 2598031 | 85.20 | 86.57 | 1.37 | 100 | SKN | | 3% | 3% | | | 715.1 | 954.4 | 13.7 | 98 | 2.4 | 4362.6 | 879.7 | 661 | 55.6 | 8.1 |
| | | 86.57-88.58m; fg gn-bn skarn; local cg bn gt; 1-2% py, locally to 5%; minor cp on frax; local bk sx | 2598032 | 86.57 | 88.58 | 2.01 | 100 | SKN | | 2% | minor | | | 609.4 | 326.9 | 6.1 | 33 | 0.7 | 236.3 | 72.1 | 82 | 1.4 | 5.1 |

Drill Hole; LD2017-01

| from | to | description | sample | from | to | length (m) | rec % | litho code | alt | py | cp | sp | po | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | As ppm | Au ICP ppb | Au FA | Sb ppm | Bi ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 88.58-89.44m; 2 intervals of gy cherty arg w/ mod CA banding and minor py from 88.58-88.96m and 89.18-89.44m; seperated by 22cm of fg gn-bn skarn w/ minor cp, py on frax | 2598033 | 88.58 | 89.44 | 0.86 | 100 | SKN | | minor | minor | | | 87.8 | 91.7 | 7.3 | 40 | 0.3 | 87.3 | 19.6 | 29 | 1.9 | 0.9 |
| | | 89.44-90.51m; fg gn-gn skarn with coarser gt w/ py to 2% and local cp | 2598034 | 89.44 | 90.51 | 1.07 | 100 | SKN | | 2% | 0.5% | | | 35.4 | 233.2 | 5.8 | 29 | 0.5 | 245.9 | 22.3 | 118 | 1.2 | 1.7 |
| | | 90.51-92.83m; gy chert w/ 45CA banding; irreg lt bn gt-bt? wisps; local lt gn diop patches | 2598035 | 90.51 | 92.83 | 2.32 | 100 | CARG | | minor | minor | | | 102.5 | 1229.2 | 8.5 | 45 | 2.1 | 22.4 | 210.9 | 166 | 3 | 1.1 |
| | | 92.83-94.60m; fg gn-bn skarn w/ coarse gt, 2-3% py, minor cp; local 1% mo? | 2598036 | 92.83 | 94.60 | 1.77 | 100 | SKN | | 2% | 0.5% | | | 986.6 | 329 | 6.2 | 34 | 0.7 | 84.7 | 53.3 | 44 | 3.1 | 2.3 |
| | | 94.60-95.31m; gn alt monz dyke; sharp 50CA upper contact; lower one in broken core; 95.2m w/ 10cm patch of diop-gt | 2598037 | 94.60 | 95.31 | 0.71 | 100 | MNZ | | | | | | 116.4 | 869.2 | 2246.4 | 2105 | 6.6 | 46.6 | 148.3 | 155 | 120.5 | 2 |
| | | 95.31-97.00m; gn-bn fg diop-gt skarn; gt coarser than diop; dk gn chl on frax; 3-5% py, str cp to 1% in first 30cm, local diss rest of section; local lt bn sp? | 2598038 | 95.31 | 97.00 | 1.69 | 100 | SKN | | 2% | 1% | minor | | 1742.1 | 8257.3 | 9.4 | 63 | 16.6 | 327.1 | 1190.5 | 738 | 4.1 | 9.1 |
| | | 97.00-99.00m; gn-bn fg diop-gt skarn as prev sample; w/ coarser gt; dk gn chl on frax; 2% py, local cp | 2598039 | 97.00 | 99.00 | 2.00 | 100 | SKN | | 2% | 1% | | | 8.2 | 222.4 | 3.3 | 25 | 0.5 | 1182.6 | 29.3 | 31 | 3.4 | 6.1 |
| | | | 2598040 | sample blank | | | . | | | | | | | 0.4 | 1.4 | 3.4 | 17 | <0.1 | 2 | 5.5 | 3 | 0.9 | <0.1 |
| | | 99.00-101.00m; gn-bn fg diop with coarser gn, bn gt; 1% py, minor cp | 2598041 | 99.00 | 101.00 | 2.00 | 100 | SKN | | 1% | minor | | | 1.4 | 10.5 | 2.7 | 17 | 0.1 | 726.5 | 8.8 | 10 | 1.9 | 5.2 |
| | | 101.00-103.25m; gn-bn fg diop with coarser gn, bn gt; 1% py, minor cp | 2598042 | 101.00 | 103.25 | 2.25 | 100 | SKN | | 2% | minor | | | 0.9 | 39.2 | 2.6 | 19 | 0.1 | 838.3 | 10.8 | 14 | 2.7 | 5.1 |
| | | 103.25-103.75m; gn-bn fg diop with coarser gn, bn gt as prev; 103.25m w/ 25cm of 50% mgt, py in gt; 103.6m 5cm of mass wh py | 2598043 | 103.25 | 103.75 | 0.50 | 100 | SKN | | 3% | minor | | | 1.1 | 14 | 4.4 | 11 | 0.2 | 650.5 | 16.9 | 20 | 0.7 | 45.2 |
| | | sample 2598044; 103.75-105.46m; fg-cg skarn w/ inc red hem frax; 2-3% wh py | 2598044 | 103.75 | 105.46 | 1.71 | 100 | SKN | | 3% | minor | | | 1.4 | 13.6 | 2.9 | 16 | 0.1 | 1097.2 | 6.4 | | 1.5 | 22.2 |
| | | **EOH** | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Property; Stardust** | **Hole Location** | | **Orientation** | | **Start Date** | 14- Oct, 2017 | |
| **Hole ID; LD2017-02** | **datum; NAD 83 Z10** | | **Azimuth $^0$** | 70 | **Completion** | 15-Oct, 2017 | |
| **Hole Depth; 99.06m** | **Location Method; previous pad** | | **Dip $^0$** | -60 | **Logged by** | Johnston | |
| **Core Size; NQ** | **UTM E** | 347007 | | | **Date Logged** | Oct 17,18, 2017 | |
| **Drilled by; Paycore** | **UTM N** | 6161748 | **Downhole Survey** | | | | |
| | **Grid E** | | **type** | | Reflex | | |
| | **Grid N** | | **depth (m)** | | 93 | | |
| | **Elevation; 1364m** | | **temp** | | 8.9 | | |
| | | | **Dip $^0$** | | -61.2 | | |
| | | | **azimuth $^0$** | | 49.3 | | |
| | | | **corrected az $^0$** | | 62 | | |
| **Notes** | went well | | | | | | |
| **Target** | due dilligience hole to verfiy manto mineralization results from previous drilling | | | | | | |

Drill Hole; LD2017-02

| from (m) | to (m) | description | sample | from | to | length (m) | rec % | litho | alt | py | cp | sp | po | Cu ppm | Pb ppm | Zn ppm | Ag ppm | As ppm | Au ICP ppb | Au FA | Sb ppm | Bi ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 3.57 | casing | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| 3.57 | 38.43 | **grey argillite** | | | | | | | | | | | | | | | | | | | | |
| | | lt gy altered argillite; less cherty than in LD2017-01; strong mod CA banding/bedding as in LD2017-01 of lt bn biot?; local interbeds of bk arg; local crackle bx zones with bn biot as matrix to gy arg frags; py as local vnlts, disseminations: minor py overall, though inc to bottom of interval; local po | | | | | | | | | | | | | | | | | | | | |
| | | strong surface ox to 11m | 2598045 | 3.57 | 6.60 | 3.03 | 94 | ARG | sil'n | | | | | 115.7 | 5.7 | 42 | 0.2 | 49.4 | 17.8 | | 2.2 | 2.1 |
| | | 4.9m; 1-2mm 20CA 2mm py vns; cont locally to 7.5m | | | | | | | | 0.5% | | | | | | | | | | | | |
| | | 6.5m; py vn run 70CA (// to fabric here) | 2598046 | 6.60 | 9.60 | 3.00 | 100 | ARG | sil'n | 0.5% | | | | 84.1 | 3.3 | 36 | 0.1 | 42.7 | 4.2 | | 1.8 | 0.7 |
| | | 6.75m; 1cm mg py blob | 2598047 | 9.60 | 12.60 | 3.00 | 83 | ARG | sil'n | 0.5% | | | | 84.5 | 21.2 | 88 | 0.3 | 371.2 | 10.1 | | 2.8 | 0.4 |
| | | 10.5m; local frax py | | | | | | | | | | | | | | | | | | | | |
| | | 10.7-16m; local bx zones w/ bk-bn fg chl-bt? as matrix to wh-gy arg frags | 2598048 | 12.60 | 15.60 | 3.00 | 100 | ARG | sil'n | 0.5% | | | | 85.5 | 3.8 | 33 | 0.1 | 19.4 | 3.2 | | 1.5 | 0.5 |
| | | 16-18m; inc bk arg beds | 2598049 | 15.60 | 18.60 | 3.00 | 100 | ARG | sil'n | 0.5% | | | | 75.2 | 3.6 | 29 | 0.2 | 27.3 | 5.3 | | 1.6 | 0.4 |
| | | 20.2-22.8m; bk arg w/ lt gy arg interbeds; wkly magnetic; minor py wisps // to bedding/fabric | 2598050 | 18.60 | 21.60 | 3.00 | 100 | ARG | sil'n | 0.5% | | | 0.5% | 80 | 3.6 | 33 | 0.2 | 48 | 5.7 | | 1.5 | 0.5 |
| | | 21.4m; 5cm 50CA zone of soft wh clay; minor py cubes, veinlets | | | | | | | | | | | | | | | | | | | | |
| | | 23.2m; 1cm wide fabric // po band; minor diss po from 22.5-23.6m | 2598051 | 21.60 | 24.60 | 3.00 | 100 | ARG | sil'n | | | | 0.5% | 101.2 | 6.1 | 29 | 0.3 | 61.5 | 12.7 | | 3.5 | 1.1 |
| | | 24.65-26.5m; mass bk arg; weakly magentic; minor diss py | 2598052 | 24.60 | 27.60 | 3.00 | 100 | ARG | sil'n | | | | 0.5% | 78.1 | 3.4 | 24 | 0.1 | 103 | 4.7 | | 4.2 | 1.7 |
| | | 28.5m; py inc locally to 1%; as 1-3mm masses and grains in lt bn bands | 2598053 | 27.60 | 30.60 | 3.00 | 100 | ARG | sil'n | 0.5% | | | | 105 | 27.9 | 62 | 0.4 | 95.4 | 9.3 | | 3.3 | 2.8 |
| | | 29.55m; 5mm cg py vn run 40CA w/ sp?; cont in broken core for 20cm | 2598054 | 30.60 | 33.60 | 3.00 | 100 | ARG | sil'n | 0.5% | | | | 114.5 | 56 | 111 | 0.4 | 159.7 | 6.4 | | 3.3 | 1.2 |
| | | 33.5-38.15m; local wh cc-py mod CA vns to 5mm | 2598055 | 33.60 | 36.60 | 3.00 | 100 | ARG | sil'n | | | | | 98.6 | 41.3 | 51 | 0.3 | 197 | 6.7 | | 3.6 | 1.3 |
| | | 37-38.15m; strong lt bn-y wisps with abund fine dk bn specks to 2mm, contain fg py in centre | 2598056 | 36.60 | 38.10 | 1.50 | 100 | ARG | sil'n | 0.5% | | | | 115.5 | 135.4 | 164 | 0.9 | 105.4 | 11 | | 3.6 | 7.2 |
| | | 37.82m; 8mm 60CA py band in bk arg | | | | | | | | | | | | | | | | | | | | |
| | | 38.05-38.15m; str lt gn sil'n w/ diss py | 2598057 | 38.10 | 38.43 | 0.33 | 100 | ARG | sil'n | 1% | | | | 448.1 | 67.7 | 104 | 3.1 | 284.4 | 80 | | 38.7 | >2000 |
| | | 38.15-38.27m; dk gy-bk il'd zone w/ abund ep, lt bn gt; py to 3% | | | | | | | | | | | | | | | | | | | | |

Drill Hole; LD2017-02

| from (m) | to (m) | description | sample | from | to | length (m) | rec % | litho | alt | py | cp | sp | po | Cu ppm | Pb ppm | Zn ppm | Ag ppm | As ppm | Au ICP ppb | Au FA | Sb ppm | Bi ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 38.27-38.43m; mass py | | | | | | | | | | | | | | | | | | | | |
| | | 38.15m; sharp 70CA contact | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| 38.43 | 78.68 | **grey limestone** | | | | | | | | | | | | | | | | | | | | |
| | | mod-dk gy argilliceous ls; fine salt and pepper texture; no py; boring | 2598058 | 38.43 | 41.50 | 3.07 | 100 | LST | | | | | | 7.1 | 6.8 | 18 | 0.3 | 9.9 | 1.5 | | 3.8 | 4.3 |
| | | top 0.4m w/ strong 30-40CA fabric | 2598059 | 41.50 | 44.50 | 3.00 | 100 | LST | | | | | | 2.2 | 1 | 25 | <0.1 | 3 | <0.5 | | 0.4 | 0.6 |
| | | 43.8-44.5m; subround lighter coloured ls frags to 15cm in darker argillacous ls | 2598060 | standard CDN-GS-1C | | | . | | | | | | | 62.1 | 20 | 104 | 2.2 | 361.5 | 1015.5 | | 26.8 | 0.4 |
| | | 44.6m; 3mm 45CA py-cp vn | 2598061 | 44.50 | 47.50 | 3.00 | 100 | LST | | tr | tr | | | 44.6 | 3 | 75 | 0.2 | 2.9 | <0.5 | | 1.3 | 5 |
| | | 45.78m; 2mm py-cp vn | 2598062 | 47.50 | 50.50 | 3.00 | 100 | LST | | tr | tr | tr | | 13 | 2.5 | 119 | 0.2 | 15.2 | <0.5 | | 0.8 | 3.6 |
| | | 48.45m; 2mm 90CA py-cp-sp-ga? vn | 2598063 | 50.50 | 53.50 | 3.00 | 100 | LST | | | | | | 1.7 | 0.7 | 10 | <0.1 | 2.7 | <0.5 | | 0.3 | 0.1 |
| | | | 2598064 | 53.50 | 56.50 | 3.00 | 100 | LST | | | | | | 2.7 | 1.5 | 9 | <0.1 | 2.9 | <0.5 | | 0.4 | <0.1 |
| | | 56.3-58.0m; local py on frax | 2598065 | 56.50 | 59.50 | 3.00 | 100 | LST | | minor | | | | 12.4 | 3.7 | 47 | 0.2 | 12.5 | 1.8 | | 1.3 | 1 |
| | | | 2598066 | 59.50 | 62.50 | 3.00 | 100 | LST | | | | | | 3.4 | 1 | 14 | <0.1 | 7.7 | <0.5 | | 2.1 | 0.4 |
| | | | 2598067 | 62.50 | 64.27 | 1.77 | 100 | LST | | | | | | 4 | 1.6 | 31 | <0.1 | 5.8 | <0.5 | | 2.1 | 0.1 |
| | | 64.27-65.53m; 60% of interval as wh cc vns; str rd feox | 2598068 | 64.27 | 65.53 | 1.26 | 100 | LST | | | | | | 7.2 | 34.3 | 168 | 1.3 | 199.3 | 11.9 | | 47.8 | 0.4 |
| | | | 2598069 | 65.53 | 68.03 | 2.50 | 100 | LST | | | | | | 24.3 | 3.2 | 37 | 0.1 | 10.4 | 0.7 | | 2.2 | 2.9 |
| | | | 2598070 | 68.03 | 70.53 | 2.50 | 100 | LST | | | | | | 342.7 | 3.2 | 957 | 1.2 | 12 | 16.5 | | 3.3 | 6.8 |
| | | | 2598071 | 70.53 | 72.35 | 1.82 | 100 | LST | | | | | | 7.6 | 82.8 | 141 | 0.4 | 40.5 | 1.2 | | 6.3 | 0.1 |
| | | 72.35-78.68m; v broken core w/ bn-rd clay frax; local bx zones with open spaces; local py on frax; wk sil'n from 77m | 2598072 | 72.35 | 75.50 | 3.15 | 70 | LST | | 0.50% | | | | 25.8 | 178.7 | 619 | 0.8 | 117.7 | 8.4 | | 99.4 | 1.6 |
| | | bottom 0.5m of section with bn clay alt and local py masses | 2598073 | 75.50 | 78.68 | 3.18 | 88 | LST | | 0.50% | | | | 80 | 69.9 | 756 | 0.8 | 242.9 | 3.5 | | 235.4 | 0.4 |
| | | | | | | | | | | | | | | | | | | | | | | |
| 78.68 | 89.92 | **massive sulfide** | | | | | | | | | | | | | | | | | | | | |
| | | mg gn gt host rock to fg-mg py with lesser po, cp, sp | | | | | | | | | | | | | | | | | | | | |
| | | 78.68-79.40m; top 6cm as bn mud w/ fg sx; rest as fg-mg gt w/ 1-2% py as diss blebs, coarse wh cubes | 2598074 | 76.68 | 79.40 | 0.72 | 100 | MSX | | 2% | minor | | | 2219.3 | 6.2 | 270 | 8.9 | 559.5 | 290.9 | 338 | 10.3 | 6.7 |
| | | 79.40-81.50m; fg dk gn gt w/ 5% py, 2% cp, 5% po overall; sx dec in last 25cm; top of interval at 79.40m w/ 45CA zone of fg py, minor cp | 2598075 | 79.40 | 81.50 | 1.10 | 100 | MSX | | 5% | 2% | | 5% | 4179.9 | 23 | 277 | 13 | 137.8 | 236 | 285 | 3.7 | 69.3 |
| | | 81.50-82.70m; lt gn gt w/ py, local cp on frax only; ex for 2-3% py, cp for 10cm at start, end of interval | 2598076 | 81.50 | 82.70 | 1.20 | 100 | MSX | | 1% | minor | | 1% | 796.4 | 5.6 | 303 | 3 | 191.1 | 242.7 | 263 | 14.6 | 5.6 |
| | | 82.7-83.15m; dk gn fg gt w/ 15-20% py-po-cp | 2598077 | 82.70 | 83.15 | 0.45 | 100 | MSX | | 5% | 3% | | 5% | 1.42% | 87.5 | 461 | 62g/t | 654.8 | 1388.2 | 2105 | 7.2 | 80.4 |
| | | 83.15-83.82m; massive cg py with bk sp zones intersperced with mass gn gt intervals w/ lesser sx | 2598078 | 83.15 | 83.82 | 0.67 | 82 | MSX | | 70% | | 5% | | 0.26% | 4181.6 | 1.49% | 382g/t | 4801.1 | 161.4 | 1801 | >2000 | 839.9 |
| | | 83.82-86.87m; cg py and bk sp; v crumbly, incompetent; poor recovery through this run | 2598079 | 83.82 | 86.87 | 3.05 | 30 | MSX | | 80% | | 3% | | 0.29% | 4064.6 | 4.16% | 108g/t | 3690.1 | 378.5 | 1566 | 483.2 | 201.1 |
| | | 86.87-87.85; cg py and bk sp; v crumbly, incompetent; poor recovery through this run; drillers block at 86.87m says "wash" | 2598080 | 86.87 | 87.85 | 0.98 | 25 | MSX | | 80% | | 3% | | 0.57% | 5423.9 | 1.70% | 197g/t | 5082.2 | 94.6 | | 421.9 | 519.6 |
| | | 87.85-89.92m; fg gn gt w/ 5% sx overall; inc cp in this interval; incl 2 x 1cm low CA qtz vns w/ cp | 2598081 | 87.85 | 89.92 | 2.07 | 100 | MSX | | 2% | 3% | minor | minor | 5182.7 | 16.9 | 348 | 21 | 122.8 | 468 | 623 | 17.7 | 37.8 |
| | | | | | | | | | | | | | | | | | | | | | | |
| 89.92 | 99.06 | **grey limestone** | | | | | | | | | | | | | | | | | | | | |
| | | as above; lt-m gy; salt and pepper texture; mod CA fabric; local py on frax | 2598082 | 82.92 | 92.92 | 3.00 | 100 | LST | | minor | | | | 69.4 | 8 | 68 | 0.3 | 10 | 2.4 | | 7.6 | 47.1 |
| | | diss py, 1cm qtz vn w/ py in top 0.3m of interval | 2598083 | 92.92 | 95.92 | 3.00 | 100 | LST | | | | | | 24.6 | 23.3 | 47 | 0.5 | 12.4 | 1.1 | | 4.8 | 2.9 |
| | | | 2598084 | 95.92 | 99.06 | 3.14 | 100 | LST | | | | | | 2.3 | 1.3 | 9 | <0.1 | 2 | 0.6 | | 0.7 | 0.2 |
| | | EOH | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| **Property; Stardust** | **Hole Location** | | **Orientation** | | **Start Date** | 16-Oct, 2017 |
| **Hole ID; LD2017-03** | **datum; NAD 83 Z10** | | **Azimuth** | 270 | **Completion** | 18-Oct, 2017 |
| **Hole Depth; 138.99m** | **Location Method; prev pad** | | **Dip $^0$** | -57 | **Logged by** | Johnston |
| **Core Size; NQ** | **UTM E** | 347952 | | | **Date Logged** | Oct 18-20, 2017 |
| **Drilled by; Paycore** | **UTM N** | 6160394 | **Downhole Survey** | | | |
| | **Grid E** | | **type** | Reflex | | |
| | **Grid N** | | **depth (m)** | | 139 | |
| | **Elevation; 1323m** | | **temp** | | 4.4 | |
| | | | **dip $^0$** | | -58.4 | |
| | | | **azimuth $^0$** | | 263 | |
| | | | **corrected az $^0$** | | 280 | |

| | |
|---|---|
| **Notes** | probs with water source decreasing due to cold weather; some time lost waiting for sump to refill |
| **Hole Rationale** | due dilligience hole to verfiy mineralization and results from previous drilling |

Drill Hole LD2017-03

| from (m) | to (m) | description | sample | from (m) | to (m) | length (m) | rec % | litho code | alt | py | cp | sp | po | Cu ppm | Pb ppm | Zn ppm | Ag ppm | As ppm | Au ICP ppb | Au FA | Sb ppm | Bi ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1.2 | casing | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| 1.2 | 9.42 | **grey limestone** | | | | | | | | | | | | | | | | | | | | |
| | | gy limestone; locally broken w/ bk graphite on frax | 2598085 | 1.20 | 4.20 | 3.00 | 90 | LST | | | | | | 3.6 | 1.4 | 13 | <0.1 | 12.6 | <0.5 | | 2.4 | <0.1 |
| | | | 2598086 | 4.20 | 7.20 | 3.00 | 100 | LST | | | | | | 1.9 | 1.9 | 22 | <0.1 | 15.9 | <0.5 | | 3 | <0.1 |
| | | | 2598087 | 7.20 | 9.42 | 2.22 | 93 | LST | | | | | | 3.2 | 2.1 | 25 | <0.1 | 14.4 | 1.6 | | 2.2 | <0.1 |
| | | | | | | | | | | | | | | | | | | | | | | |
| 9.42 | 27.35 | **black plyllite / grey siltstone** | | | | | | | | | | | | | | | | | | | | |
| | | interbedded/fault juxtaposed bk pyllitic arg and grey siltstone; v broken w/ bk graphite on frags; strong 20-40CA fabric; local fabric // wh qtz vns to 8mm; local py | 2598088 | 9.42 | 10.97 | 1.55 | 55 | UDSD | | | | | | 62.3 | 19.7 | 99 | 0.3 | 43.7 | <0.5 | | 3.1 | 0.3 |
| | | calcareous frax in top 1m | | | | | | | | | | | | | | | | | | | | |
| | | 9.42-17.07m; v broken, poor recoveries | 2598089 | 10.97 | 14.02 | 3.05 | 38 | MNZ | ser | | | | | 73.8 | 12.7 | 91 | 0.2 | 20.7 | 0.6 | | 2 | 0.3 |
| | | 14.34-14.9m; lt gy-gn ser alt monz dyke; 2-3mm wh felds; 40CA upper contact, (monz frags in phyllite above upper contact); lower contact sharp at 80CA | 2598090 | 14.02 | 17.07 | 3.05 | 78 | UDSD | | | | | | 72.7 | 14.9 | 99 | 0.3 | 24.8 | 0.6 | | 1.8 | 0.4 |
| | | 2598091 is duplicate sample of 2598090 | 2598091 | 14.02 | 17.07 | 3.05 | 78 | UDSD | | | | | | 64.1 | 15.2 | 88 | 0.3 | 22.9 | <0.5 | | 1.9 | 0.4 |
| | | 18-27.35m; more competent core in gy siltstone; strong low CA fabric | 2598092 | 17.07 | 20.10 | 3.03 | 93 | UDSD | | | | | | 75.5 | 10.6 | 93 | 0.3 | 12.9 | <0.5 | | 1.5 | 0.2 |
| | | 19.55m; 2cm bx zone; bk arg frags in gy sltn; another zone 10cm down hole | 2598093 | 20.10 | 23.10 | 3.00 | 100 | UDSD | | | | | | 80.1 | 8.7 | 94 | 0.3 | 8.5 | 0.7 | | 0.8 | 0.3 |
| | | 19.9m; 20CA 1cm wh qtz-carb vn w/ tr py | 2598094 | 23.10 | 26.10 | 3.00 | 83 | UDSD | | | | | | 69 | 7.9 | 91 | 0.3 | 6.3 | <0.5 | | 1.1 | 0.2 |
| | | 27.35m; lower contact in broken core; wh qtz-carb vns at contact; prob some core lost | 2598095 | 26.10 | 27.35 | 1.25 | 70 | UDSD | | | | | | 65.6 | 5.8 | 87 | 0.2 | 6.8 | <0.5 | | 1.5 | 0.3 |
| | | | | | | | | | | | | | | | | | | | | | | |
| 27.35 | 39.32 | **grey limestone** | | | | | | | | | | | | | | | | | | | | |
| | | mod gy limestone w/ common 1-2mm wh spots/specks (recrystallized cc?); local wh cc vns; no py | | | | | | | | | | | | | | | | | | | | |
| | | | 2598096 | 27.35 | 30.40 | 3.05 | 85 | LST | | | | | | 2.9 | 0.7 | 9 | <0.1 | 1.2 | <0.5 | | 0.2 | <0.1 |

Drill Hole LD2017-03

| from (m) | to (m) | description | sample | from (m) | to (m) | length (m) | rec % | litho code | alt | py | cp | sp | po | Cu ppm | Pb ppm | Zn ppm | Ag ppm | As ppm | Au ICP ppb | Au FA | Sb ppm | Bi ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 2598097 | 30.40 | 33.40 | 3.00 | 83 | LST | | | | | | 1.1 | 0.3 | 5 | <0.1 | <0.5 | <0.5 | | <0.1 | <0.1 |
| | | | 2598098 | 33.40 | 36.40 | 3.00 | 100 | LST | | | | | | 2.1 | 0.8 | 9 | <0.1 | 1.4 | <0.5 | | 0.2 | <0.1 |
| | | | 2598099 | 36.40 | 39.32 | 2.92 | 87 | LST | | | | | | 1.5 | 0.4 | 5 | <0.1 | 0.7 | <0.5 | | 0.1 | <0.1 |
| | | | 2598100 | sample blank | | | | | | | | | | 3.3 | 3.4 | 18 | <0.1 | 1.2 | 2.2 | | 1 | <0.1 |
| | | | | | | | | | | | | | | | | | | | | | | |
| 39.32 | 93.87 | **black phyllite / grey siltstone** | | | | | | | | | | | | | | | | | | | | |
| | | lt gy siltstone interbedded w/ bk variably phyllitic arg; local sil'n; strong shallow-mod CA fabric; local sil'n; local bx zones as sil'd frags in arg matrix; local 1-10mm qtz-carb vns; minor py inc to bottom of interval to 10-20% in bk clay | 2598101 | 39.32 | 42.40 | 3.08 | 93 | UDSD | | | | | | 79.8 | 9.1 | 87 | 0.2 | 9.4 | <0.5 | | 2 | 0.3 |
| | | 42.5-56m; mod sil'n of both arg, sltn | 2598102 | 42.40 | 45.40 | 3.00 | 100 | UDSD | sil'n | 0.5% | | | | 84 | 6.6 | 66 | 0.1 | 10.3 | <0.5 | | 1.2 | 0.2 |
| | | | 2598103 | 45.40 | 48.40 | 3.00 | 100 | UDSD | sil'n | 0.5% | | | | 66.1 | 6 | 52 | <0.1 | 7.3 | <0.5 | | 0.8 | 0.2 |
| | | | 2598104 | 48.40 | 51.40 | 3.00 | 72 | UDSD | sil'n | 0.5% | | | | 70 | 8.4 | 67 | <0.1 | 3.7 | <0.5 | | 1.7 | 0.4 |
| | | | 2598105 | 51.40 | 54.40 | 3.00 | 67 | UDSD | sil'n | 0.5% | | | | 54.5 | 5.9 | 44 | <0.1 | 4.5 | <0.5 | | 2.1 | 0.2 |
| | | | 2598106 | 54.40 | 57.40 | 3.00 | 93 | UDSD | sil'n | 0.5% | | | | 45.2 | 3.7 | 47 | <0.1 | 4.6 | <0.5 | | 1.5 | 0.2 |
| | | | 2598107 | 57.40 | 60.40 | 3.00 | 87 | UDSD | | 0.5% | | | | 73.1 | 14.8 | 99 | 0.2 | 12.9 | <0.5 | | 2.5 | 0.3 |
| | | 65m; v tight folding of qtz vns | 2598108 | 60.40 | 63.40 | 3.00 | 100 | UDSD | | 0.5% | | | | 97.9 | 9.3 | 83 | 0.3 | 14.8 | <0.5 | | 1.3 | 0.3 |
| | | 68-72.5m; v broken core w/ local slickensides; (fault zone?); local wh qtz-carb vns to 7mm; py inc to 0.5%; str fabric, slickensides at 0-70CA | 2598109 | 63.40 | 66.40 | 3.00 | 97 | UDSD | | 0.5% | | | | 74.5 | 6.3 | 90 | 0.3 | 22.3 | <0.5 | | 2.4 | 0.3 |
| | | | 2598110 | 66.40 | 69.40 | 3.00 | 100 | UDSD | | 0.5% | | | | 102.1 | 10.1 | 94 | 0.4 | 37.9 | <0.5 | | 6.4 | 0.3 |
| | | | 2598111 | 69.40 | 72.40 | 3.00 | 44 | UDSD | sil'n | 0.5% | | | | 60.6 | 9.8 | 76 | 0.3 | 114 | <0.5 | | 11 | 0.2 |
| | | 72.8-74.8m; more comp core w/ wk-mod sil'n; common 1-3mm wh qtz-carb vns | 2598112 | 72.40 | 75.40 | 3.00 | 77 | UDSD | | 0.5% | | | | 117.1 | 16.8 | 87 | 0.3 | 61.2 | <0.5 | | 16.5 | 0.3 |
| | | | 2598113 | 75.40 | 76.76 | 1.36 | 100 | UDSD | | 0.5% | | | | 60.2 | 12.6 | 91 | 0.2 | 69.3 | <0.5 | | 15 | 0.3 |
| | | 76.76-81.2m; inc sil'n in bk arg w/ abund wh qtz-carb vns from 1-8mm, locally as stockwork | 2598114 | 76.76 | 79.80 | 3.04 | 86 | UDSD | | 0.5% | | | | 22.2 | 4.1 | 36 | 0.1 | 207.5 | <0.5 | | 8.8 | <0.1 |
| | | 81.2-84.1m; v broken core along 0-10CA graphitic frax; local 2-3mm wh qtz vns; minor py | 2598115 | 79.80 | 82.80 | 3.00 | 73 | UDSD | | 0.5% | | | | 56.8 | 11.8 | 79 | 0.4 | 115.4 | <0.5 | | 18.9 | 0.2 |
| | | 84.1-86m; mostly comp arg; local sil'n, 10CA 2-3mm wh qtz vns; minor py | 2598116 | 82.80 | 85.80 | 3.00 | 82 | UDSD | sil'n | 1% | | | | 73 | 12.7 | 103 | 0.3 | 75.7 | <0.5 | | 16.8 | 0.3 |
| | | 86-89m; mix of comp and broken core | 2598117 | 85.80 | 88.30 | 2.50 | 36 | UDSD | | 2% | | | | 76.1 | 11.2 | 97 | 1.1 | 344.1 | <0.5 | | 29.8 | 0.2 |
| | | | 2598118 | 88.30 | 89.50 | 1.20 | 92 | UDSD | | 5% | | | | 120.5 | 443.2 | 699 | 103g/t | 2996.5 | 36.4 | 367 | 737.4 | 0.3 |
| | | 89.5-90.82m; bk clay w/ fg eu sx (py?); incl 1cm 0CA gy clay seams w/ py to 20% | 2598119 | 89.50 | 90.82 | 1.32 | 100 | UDSD | | 20% | | | | 452.3 | 5981.3 | 2.08% | 856g/t | >10000 | 5077.7 | 7995 | >2000 | 0.2 |
| | | | 2598120 | Standard CDN-GS-1C | | | | UDSD | | 1% | | | | 62.8 | 20.7 | 108 | 2.3 | 363.8 | 1010.3 | | 27.7 | 0.2 |
| | | 90.82-91.85m; less clayey, less broken bk arg; 1% py | 2598121 | 90.82 | 91.85 | 1.03 | 100 | UDSD | | 3% | | | | 127 | 549.4 | 1.03% | 155g/t | >10000 | 303.9 | 1960 | 726.4 | 0.2 |
| | | 91.85-93.87m; mix of soft clay zones to 0.3m w/ 2-3% py, and comp broken zones 2/ 0.5% py | 2598122 | 91.85 | 93.87 | 2.02 | 86 | UDSD | | 3% | | | | 83.2 | 1174.4 | 5313 | 81.1 | 8342.6 | 221.6 | 1050 | 1376.2 | 0.2 |
| | | 92.87m; sharp contact in broken core | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| 93.87 | 100.96 | **monz dyke** | | | | | | | | | | | | | | | | | | | | |
| | | ly gy ser'd gy groundmass w/ 1-2mm wh felds; local dk gy zones w/ clay alt | 2598123 | 93.87 | 95.41 | 1.54 | 55 | MNZ | ser | | | | | 16.1 | 48.6 | 343 | 2.3 | 402.6 | 23 | | 36.2 | <0.1 |
| | | 92.87-100.96m; mod broken | | | | | | | | | | | | | | | | | | | | |
| | | 94.05m; 20cm of lt gy clay w/ minor py | | | | | | | | | | | | | | | | | | | | |
| | | 95.41m; 30cm of soft gy clay alt w/ 2% py | 2598124 | 95.41 | 95.75 | 0.34 | 100 | MNZ | ser | 1% | | | | 6.8 | 17.5 | 597 | 2.2 | 2776.6 | 200.3 | | 32.3 | <0.1 |

Drill Hole LD2017-03

| from (m) | to (m) | description | sample | from (m) | to (m) | length (m) | rec % | litho code | alt | py | cp | sp | po | Cu ppm | Pb ppm | Zn ppm | Ag ppm | As ppm | Au ICP ppb | Au FA | Sb ppm | Bi ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 96.0m; dk gy frax w/ py run 45CA | | | | | | | | | | | | | | | | | | | | |
| | | bottom 1m of interval darker gy | 2598125 | 95.75 | 98.75 | 3.00 | 100 | MNZ | ser | | | | | 7.2 | 14.1 | 115 | 1 | 1852.7 | 113.7 | | 22.2 | <0.1 |
| | | lower contact of dyke in broken core but appears to run 40CA | 2598126 | 98.75 | 100.96 | 2.21 | 81 | MNZ | ser | | | | | 9.8 | 45.2 | 471 | 2.4 | 395.3 | 29.5 | | 32 | <0.1 |
| | | | | | | | | | | | | | | | | | | | | | | |
| 100.96 | 112.92 | **bk grpahitic argillite** | | | | | | | | | | | | | | | | | | | | |
| | | strongly graphitic; local strongly broken sections; strong low CA fabric throughout; 1% fg diss py overall | | | | | | | | | | | | | | | | | | | | |
| | | 100.96-102.41m; 8cm 40CA wh qtz vn at upper contact; below this qtz vn is bk graph clay mush w/ bk arg frags w/ tr py and local broken wh qtz vns | | | | | | | | | | | | | | | | | | | | |
| | | 102.41-103.35m; comp lt gy chert? w/ abund fine gy qtz vns; sharp lower 20CA contact | 2598127 | 100.96 | 101.26 | 0.3 | 100 | GARG | | 1% | | | | 37.9 | 19.3 | 557 | 8.8 | 1550.1 | 4.7 | 234 | 54.7 | 0.2 |
| | | 103.35m; 20cm of soft bk clay w/ local broken qtz vns | 2598128 | 101.26 | 102.41 | 1015 | 100 | GARG | | 1% | | | | 89.9 | 15.9 | 232 | 0.8 | 515.9 | 2.4 | 27 | 39.7 | 0.3 |
| | | 103.55-104.7m; comp gy chert | 2598129 | 102.41 | 105.46 | 3.05 | 100 | GARG | | 1% | | | | 75 | 52.8 | 137 | 2 | 650.2 | 1.4 | 27 | 84.9 | 0.2 |
| | | 104.7-105.46m; soft bk clay w/ local broken qtz vns to 5mm | | | | | | | | 1% | | | | | | | | | | | | |
| | | 106.37m; 9cm wh cc vn run 80CA contain arg frags | 2598130 | 105.46 | 108.51 | 3.05 | 93 | GARG | | 1% | | | | 84.4 | 618.2 | 748 | 2.1 | 1195.1 | 2.3 | | 324.1 | 0.3 |
| | | 107.2m; 1cm wide 20CA zone of thin wh qtz vns (no py) | 2598131 | 108.51 | 111.56 | 3.05 | 75 | GARG | | 1% | | | | 85.8 | 11.1 | 86 | 0.4 | 1913.7 | 1.1 | | 26.2 | 0.2 |
| | | 111-112m; local 1-2mm wh-gy qtz vns in broken arg | 2598132 | 111.56 | 112.92 | 3.05 | 87 | GARG | | 1% | | | | 32.3 | 9.8 | 54 | 0.4 | 192.4 | 0.9 | | 13.7 | 0.1 |
| | | 112.92m; lower contact sharp at 30CA | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| 112.92 | 120.40 | **ser alt siltstone** | | | | | | | | | | | | | | | | | | | | |
| | | lt gy-gn ser alt silstone; strong 20-30CA fabric; locally common fabric // wh cc vns | 2598133 | 112.92 | 116.00 | 3.08 | 100 | SLTN | ser | | | | | 50.9 | 6.5 | 112 | 0.2 | 119.3 | <0.5 | | 4.4 | <0.1 |
| | | inc wh qtz-carb vns to bottom, incl local round qtz-carb frags to 10cm | 2598134 | 116.00 | 119.00 | 3.00 | 97 | SLTN | ser | | | | | 43.9 | 4.7 | 96 | <0.1 | 233.9 | 0.9 | | 3.6 | <0.1 |
| | | 118m; become v broken | 2598135 | 119.00 | 120.40 | 1.40 | 100 | SLTN | ser | | | | | 28.4 | 3.4 | 110 | <0.1 | 221.2 | <0.5 | | 4.6 | <0.1 |
| | | 118.6-119.0m; become v soft and clayey | | | | | | | | | | | | | | | | | | | | |
| | | lower contact sharp at 30CA | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| 120.40 | 128.8 | **graphitic bk argillite** | | | | | | | | | | | | | | | | | | | | |
| | | v graphtic, sheared broken as above; low CA fabric, shearing; local 1-2mm broken wh qtz vns; tr py | 2598136 | 120.40 | 122.30 | 1.90 | 74 | GARG | | | | | | 71.8 | 9.9 | 87 | 0.3 | 64.5 | <0.5 | | 5 | 0.2 |
| | | 122.3-123.8m; sl sil'd more comp arg w/ local fg y py masses; incl 70CA wh qtz-carb vn at 123.0m | 2598137 | 122.30 | 123.80 | 1.50 | 100 | GARG | | | | | | 76.5 | 10 | 106 | 0.3 | 20.4 | <0.5 | | 3.2 | 0.3 |
| | | 127.3-128.8m; v broken, locally clayey | | | | | | | | | | | | | | | | | | | | |
| | | lower contact sharp at 30CA | 2598138 | 123.80 | 126.80 | 3.00 | 93 | GARG | | | | | | 63.8 | 9.9 | 82 | 0.2 | 18.6 | <0.5 | | 2.1 | 0.2 |
| | | | 2598139 | 126.80 | 128.80 | 2.00 | 60 | GARG | | | | | | 47.9 | 39.1 | 217 | 5.6 | 352.3 | 2.1 | | 40.8 | 0.2 |
| | | | 2598140 | sample blank | | | | | | | | | | 1.4 | 3.4 | 25 | <0.1 | 2.3 | 2.3 | | 1 | <0.1 |
| 128.8 | 132.9 | **ser alt monz dyke** | | | | | | | | | | | | | | | | | | | | |
| | | lt gy-gn ser alt groundmass w/ 1-3mm wh felds at top, the inc to 7mm to bottom of interval | | | | | | | | | | | | | | | | | | | | |
| | | | 2598141 | 128.80 | 130.80 | 2.00 | 100 | MNZ | ser | | | | | 4.3 | 4.4 | 40 | <0.1 | 16.9 | <0.5 | | 1.2 | 0.1 |
| | | | 2598142 | 130.80 | 132.90 | 2.10 | 100 | MNZ | ser | | | | | 12.2 | 3.9 | 31 | <0.1 | 8.9 | 1 | | 1.1 | <0.1 |
| 132.9 | 135.95 | **graphitic bk argillite** | | | | | | | | | | | | | | | | | | | | |
| | | v graphtic broke arg as above; 30% of interval as bk clay w/ 3% eu py; incl wh-gy qtz-carb vns t 8mm w/ minor py; poor recovery | | | | | | | | | | | | | | | | | | | | |
| | | | 2598143 | 132.90 | 135.94 | 3.04 | 46 | GARG | | 3% | | | | 54.7 | 26.3 | 85 | 0.5 | 132.5 | <0.5 | | 6.7 | 0.2 |
| 135.94 | 138.99 | **mix argillite and siltstone** | | | | | | | | | | | | | | | | | | | | |

Drill Hole LD2017-03

| from (m) | to (m) | description | sample | from (m) | to (m) | length (m) | rec % | litho code | alt | py | cp | sp | po | Cu ppm | Pb ppm | Zn ppm | Ag ppm | As ppm | Au ICP ppb | Au FA | Sb ppm | Bi ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | wk-mod sil'd interbedded bk arg and gy siltstone; mod comp; mod CA fabric; abund wh qtz vns to 5mm | | | | | | | | | | | | | | | | | | | | |
| | | EOH | 2598144 | 135.94 | 138.99 | 3.05 | 50 | UDSD | | | | | | 68 | 5.4 | 65 | 0.2 | 19.3 | 0.8 | | 2.6 | 0.2 |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

Appendix 5: 2017 Assay Certificates

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:** **Mincord Exploration Consultants Ltd.**
110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7 Canada

| | |
|---|---|
| Submitted By: | Glen Garratt |
| Receiving Lab: | Canada-Vancouver |
| Received: | September 08, 2017 |
| Report Date: | September 21, 2017 |
| Page: | 1 of 5 |

# CERTIFICATE OF ANALYSIS VAN17002009.1

## CLIENT JOB INFORMATION

| | |
|---|---|
| Project: | Lustdust |
| Shipment ID: | Ids17-01 |
| P.O. Number | |
| Number of Samples: | 112 |

## SAMPLE DISPOSAL

| | |
|---|---|
| STOR-PLP | Store After 90 days Invoice for Storage |
| 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 | 110 | Dry at 60C | | | VAN |
| SS80 | 110 | Dry at 60C sieve 100g to -80 mesh | | | VAN |
| AQ200 | 110 | 1:1:1 Aqua Regia digestion ICP-MS analysis | 0.5 | Completed | VAN |

## ADDITIONAL COMMENTS

Invoice To: Mincord Exploration Consultants Ltd.
110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7
Canada

CC: Bill Morton

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.

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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:** **Mincord Exploration Consultants Ltd.**
110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: September 21, 2017



# CERTIFICATE OF ANALYSIS VAN17002009.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L16N 3000W | Soil | 2.3 | 55.2 | 13.2 | 107 | 0.4 | 17.6 | 12.1 | 1580 | 3.63 | 9.0 | 3.3 | <0.1 | 24 | 0.6 | 1.8 | 0.3 | 32 | 0.26 | 0.163 | 7 |
| L16N 2950W | Soil | 4.2 | 26.7 | 10.5 | 50 | 0.9 | 11.2 | 5.0 | 278 | 2.08 | 6.5 | 2.8 | 0.1 | 8 | 0.2 | 0.6 | 0.3 | 37 | 0.11 | 0.066 | 10 |
| L16N 2900W | Soil | 8.7 | 84.3 | 15.7 | 70 | 0.3 | 16.8 | 6.7 | 203 | 2.76 | 8.1 | 1.3 | 0.1 | 9 | 0.2 | 1.0 | 0.5 | 44 | 0.07 | 0.089 | 16 |
| L16N 2850W | Soil | 2.9 | 33.4 | 8.1 | 57 | 0.6 | 11.9 | 5.9 | 591 | 3.29 | 5.4 | 1.3 | 0.1 | 6 | 0.4 | 0.7 | 0.2 | 66 | 0.36 | 0.076 | 10 |
| L16N 2800W | Soil | 1.6 | 20.3 | 7.1 | 35 | 0.1 | 8.1 | 3.5 | 220 | 1.76 | 3.1 | 1.1 | <0.1 | 5 | 0.2 | 0.4 | 0.2 | 48 | 0.24 | 0.041 | 11 |
| L16N 2750W | Soil | 3.3 | 30.3 | 11.9 | 49 | 0.1 | 12.5 | 4.7 | 248 | 2.60 | 5.2 | 0.9 | 0.1 | 5 | 0.3 | 0.6 | 0.3 | 66 | 0.21 | 0.072 | 12 |
| L16N 2700W | Soil | 3.0 | 26.6 | 8.8 | 55 | 0.2 | 13.9 | 5.6 | 384 | 2.27 | 4.6 | 0.6 | 0.1 | 5 | 0.2 | 0.7 | 0.3 | 44 | 0.14 | 0.073 | 15 |
| L16N 2650W | Soil | 6.1 | 35.5 | 10.9 | 59 | 0.1 | 23.5 | 6.7 | 334 | 3.29 | 9.0 | 1.3 | 0.2 | 5 | 0.2 | 0.9 | 0.3 | 61 | 0.10 | 0.077 | 18 |
| L16N 2600W | Soil | 5.4 | 40.3 | 13.1 | 65 | 0.3 | 17.1 | 6.7 | 263 | 4.30 | 8.5 | <0.5 | 0.3 | 6 | 0.3 | 1.3 | 0.4 | 78 | 0.11 | 0.144 | 14 |
| L16N 2550W | Soil | 6.3 | 57.4 | 17.7 | 91 | 0.2 | 36.2 | 11.1 | 859 | 3.85 | 20.4 | 2.8 | 0.2 | 7 | 0.3 | 2.8 | 0.3 | 49 | 0.06 | 0.160 | 13 |
| L16N 2500W | Soil | 5.0 | 40.8 | 18.8 | 80 | 0.7 | 22.3 | 10.2 | 1809 | 4.42 | 10.4 | <0.5 | 0.2 | 5 | 0.4 | 2.3 | 0.4 | 68 | 0.05 | 0.114 | 16 |
| L23S 1800W | Soil | 3.3 | 39.5 | 8.7 | 77 | 0.2 | 21.2 | 12.2 | 1241 | 2.41 | 5.1 | 2.1 | 0.9 | 54 | 0.6 | 0.5 | 0.3 | 41 | 0.70 | 0.041 | 10 |
| L23S 1750W | Soil | 3.3 | 16.4 | 7.3 | 48 | <0.1 | 12.2 | 4.3 | 355 | 2.23 | 4.0 | 0.8 | 1.2 | 47 | 0.3 | 0.4 | 0.2 | 41 | 0.64 | 0.022 | 10 |
| L23S 1700W | Soil | 2.0 | 39.6 | 5.9 | 57 | <0.1 | 22.8 | 10.1 | 388 | 1.97 | 4.2 | 2.3 | 1.4 | 20 | 0.2 | 0.6 | 0.1 | 30 | 0.29 | 0.048 | 15 |
| L23S 1650W | Soil | 2.2 | 21.9 | 4.1 | 56 | <0.1 | 15.6 | 4.1 | 211 | 1.98 | 3.7 | 1.3 | 1.2 | 6 | 0.2 | 0.3 | 0.1 | 30 | 0.10 | 0.051 | 14 |
| L23S 1600W | Soil | 2.1 | 27.9 | 5.2 | 72 | <0.1 | 17.6 | 5.1 | 185 | 2.26 | 5.6 | 1.7 | 2.0 | 5 | 0.2 | 0.5 | 0.1 | 29 | 0.07 | 0.100 | 11 |
| L23S 1550W | Soil | 1.4 | 12.7 | 5.4 | 77 | <0.1 | 11.0 | 3.6 | 159 | 1.46 | 2.6 | 3.8 | 1.1 | 10 | 0.2 | 0.2 | 0.1 | 32 | 0.15 | 0.020 | 13 |
| L23S 1500W | Soil | 1.7 | 28.4 | 4.9 | 70 | 0.1 | 19.6 | 6.6 | 242 | 2.04 | 3.6 | 0.8 | 1.0 | 10 | 0.3 | 0.4 | 0.2 | 34 | 0.13 | 0.021 | 13 |
| L23S 1450W | Soil | 1.7 | 25.0 | 4.8 | 77 | 0.1 | 19.1 | 4.5 | 186 | 2.00 | 2.9 | 1.0 | 1.7 | 7 | 0.2 | 0.3 | 0.1 | 31 | 0.09 | 0.076 | 11 |
| L23S 1400W | Soil | 2.4 | 28.7 | 7.0 | 129 | <0.1 | 30.0 | 12.6 | 641 | 2.42 | 4.9 | 0.7 | 1.5 | 17 | 0.3 | 0.5 | 0.2 | 49 | 0.26 | 0.038 | 12 |
| L23S 1350W | Soil | 1.4 | 10.6 | 5.4 | 55 | <0.1 | 10.2 | 3.4 | 145 | 1.93 | 2.8 | <0.5 | 1.6 | 5 | <0.1 | 0.3 | 0.1 | 41 | 0.08 | 0.073 | 11 |
| L23S 1300W | Soil | 1.3 | 9.9 | 5.7 | 29 | <0.1 | 8.5 | 2.8 | 131 | 1.73 | 3.1 | 0.6 | 1.7 | 5 | <0.1 | 0.3 | 0.1 | 45 | 0.07 | 0.038 | 13 |
| L23S 1250W | Soil | 1.7 | 22.9 | 6.2 | 76 | 0.2 | 15.9 | 5.2 | 225 | 2.27 | 3.8 | 0.9 | 1.9 | 5 | 0.1 | 0.4 | 0.1 | 43 | 0.06 | 0.101 | 12 |
| L23S 1200W | Soil | 1.5 | 7.8 | 5.2 | 29 | <0.1 | 9.1 | 2.7 | 132 | 1.20 | 2.0 | 2.1 | 1.1 | 5 | <0.1 | 0.3 | 0.1 | 32 | 0.08 | 0.017 | 13 |
| L23S 1150W | Soil | 1.6 | 26.0 | 5.2 | 64 | 0.1 | 18.1 | 5.0 | 191 | 1.93 | 3.8 | 1.8 | 2.4 | 6 | 0.1 | 0.4 | 0.1 | 31 | 0.07 | 0.067 | 13 |
| L23S 1100W | Soil | 10.1 | 59.4 | 15.2 | 143 | 0.3 | 32.5 | 13.1 | 286 | 4.23 | 14.4 | 0.7 | 3.7 | 11 | 0.9 | 1.6 | 0.4 | 34 | 0.04 | 0.120 | 24 |
| L23S 1050W | Soil | 1.1 | 4.7 | 4.6 | 22 | <0.1 | 5.6 | 1.7 | 91 | 0.77 | 1.5 | 1.7 | 1.5 | 5 | <0.1 | 0.2 | 0.1 | 18 | 0.06 | 0.017 | 18 |
| L23S 1000W | Soil | 1.9 | 19.4 | 4.0 | 59 | 0.3 | 14.5 | 3.7 | 148 | 1.65 | 2.9 | 0.8 | 2.0 | 4 | 0.2 | 0.4 | 0.1 | 24 | 0.05 | 0.049 | 12 |
| L23S 950W | Soil | 2.1 | 27.0 | 4.2 | 57 | <0.1 | 12.7 | 3.9 | 151 | 1.92 | 4.7 | <0.5 | 1.4 | 5 | 0.2 | 0.5 | 0.1 | 35 | 0.07 | 0.049 | 12 |
| L23S 900W | Soil | 1.1 | 22.4 | 3.5 | 47 | <0.1 | 16.4 | 4.5 | 205 | 1.28 | 2.5 | 1.4 | 0.6 | 9 | 0.2 | 0.3 | <0.1 | 22 | 0.13 | 0.049 | 11 |

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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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: September 21, 2017



# CERTIFICATE OF ANALYSIS VAN17002009.1

| | | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L16N 3000W | Soil | | 15 | 0.35 | 305 | 0.005 | <20 | 1.27 | 0.004 | 0.09 | <0.1 | 0.05 | 0.5 | 0.2 | 0.07 | 4 | 0.6 | <0.2 |
| L16N 2950W | Soil | | 15 | 0.45 | 228 | 0.007 | <20 | 1.85 | 0.003 | 0.05 | <0.1 | 0.10 | 0.8 | 0.3 | <0.05 | 6 | <0.5 | <0.2 |
| L16N 2900W | Soil | | 13 | 0.15 | 136 | 0.006 | <20 | 1.28 | 0.003 | 0.06 | <0.1 | 0.05 | 0.7 | 0.3 | <0.05 | 6 | 0.5 | <0.2 |
| L16N 2850W | Soil | | 23 | 0.40 | 102 | 0.039 | <20 | 2.33 | 0.005 | 0.04 | <0.1 | 0.06 | 1.8 | 0.2 | <0.05 | 9 | <0.5 | <0.2 |
| L16N 2800W | Soil | | 16 | 0.28 | 83 | 0.035 | <20 | 1.72 | 0.004 | 0.05 | <0.1 | 0.04 | 1.2 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| L16N 2750W | Soil | | 22 | 0.42 | 103 | 0.024 | <20 | 2.23 | 0.005 | 0.04 | <0.1 | 0.05 | 1.5 | 0.2 | <0.05 | 9 | <0.5 | <0.2 |
| L16N 2700W | Soil | | 19 | 0.33 | 74 | 0.019 | <20 | 1.46 | 0.003 | 0.06 | <0.1 | 0.04 | 1.1 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L16N 2650W | Soil | | 40 | 0.52 | 129 | 0.014 | <20 | 1.82 | 0.004 | 0.05 | <0.1 | 0.06 | 1.4 | 0.3 | <0.05 | 8 | <0.5 | <0.2 |
| L16N 2600W | Soil | | 28 | 0.25 | 115 | 0.033 | <20 | 1.36 | 0.002 | 0.07 | <0.1 | 0.05 | 1.6 | 0.1 | <0.05 | 8 | <0.5 | <0.2 |
| L16N 2550W | Soil | | 39 | 0.52 | 129 | 0.008 | <20 | 1.52 | 0.002 | 0.06 | <0.1 | 0.06 | 1.3 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L16N 2500W | Soil | | 46 | 0.27 | 169 | 0.009 | <20 | 1.67 | 0.002 | 0.08 | <0.1 | 0.08 | 1.1 | 0.3 | <0.05 | 9 | <0.5 | <0.2 |
| L23S 1800W | Soil | | 22 | 0.32 | 223 | 0.018 | <20 | 1.13 | 0.005 | 0.06 | <0.1 | 0.06 | 2.5 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L23S 1750W | Soil | | 18 | 0.29 | 292 | 0.050 | <20 | 0.92 | 0.004 | 0.06 | <0.1 | 0.03 | 1.8 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L23S 1700W | Soil | | 19 | 0.40 | 148 | 0.038 | <20 | 0.86 | 0.003 | 0.06 | <0.1 | 0.05 | 2.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L23S 1650W | Soil | | 20 | 0.35 | 121 | 0.025 | <20 | 1.06 | 0.003 | 0.06 | <0.1 | 0.01 | 1.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L23S 1600W | Soil | | 21 | 0.32 | 97 | 0.026 | <20 | 1.31 | 0.002 | 0.04 | <0.1 | 0.03 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L23S 1550W | Soil | | 18 | 0.31 | 155 | 0.027 | <20 | 1.01 | 0.002 | 0.05 | <0.1 | 0.01 | 1.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L23S 1500W | Soil | | 24 | 0.41 | 236 | 0.024 | <20 | 1.25 | 0.002 | 0.06 | <0.1 | 0.03 | 2.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L23S 1450W | Soil | | 24 | 0.36 | 119 | 0.023 | <20 | 1.41 | 0.003 | 0.06 | <0.1 | 0.03 | 2.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L23S 1400W | Soil | | 48 | 0.49 | 381 | 0.013 | <20 | 1.62 | 0.003 | 0.06 | <0.1 | 0.02 | 3.6 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L23S 1350W | Soil | | 24 | 0.26 | 69 | 0.057 | <20 | 1.68 | 0.003 | 0.03 | <0.1 | 0.02 | 2.6 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L23S 1300W | Soil | | 19 | 0.22 | 40 | 0.060 | <20 | 1.04 | 0.002 | 0.03 | <0.1 | 0.02 | 2.0 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L23S 1250W | Soil | | 30 | 0.42 | 89 | 0.023 | <20 | 1.68 | 0.002 | 0.04 | <0.1 | 0.05 | 3.1 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L23S 1200W | Soil | | 16 | 0.28 | 142 | 0.045 | <20 | 0.83 | 0.002 | 0.05 | <0.1 | <0.01 | 1.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L23S 1150W | Soil | | 24 | 0.38 | 116 | 0.025 | <20 | 1.42 | 0.002 | 0.04 | <0.1 | 0.02 | 2.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L23S 1100W | Soil | | 19 | 0.15 | 133 | 0.012 | <20 | 0.86 | 0.002 | 0.08 | <0.1 | 0.04 | 3.6 | 0.1 | <0.05 | 4 | 0.6 | <0.2 |
| L23S 1050W | Soil | | 11 | 0.17 | 83 | 0.025 | <20 | 0.53 | 0.004 | 0.05 | <0.1 | <0.01 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L23S 1000W | Soil | | 20 | 0.31 | 70 | 0.021 | <20 | 1.11 | 0.002 | 0.03 | <0.1 | 0.04 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L23S 950W | Soil | | 19 | 0.25 | 43 | 0.061 | <20 | 0.66 | <0.001 | 0.04 | <0.1 | 0.02 | 1.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L23S 900W | Soil | | 18 | 0.31 | 115 | 0.018 | <20 | 0.76 | 0.002 | 0.04 | <0.1 | 0.02 | 1.6 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |

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Project: Lustdust
Report Date: September 21, 2017



# CERTIFICATE OF ANALYSIS VAN17002009.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L23S 850W | Soil | 4.4 | 62.5 | 12.0 | 120 | 0.5 | 43.1 | 12.9 | 301 | 3.11 | 7.4 | 6.8 | 3.5 | 35 | 0.2 | 0.5 | 0.4 | 37 | 0.33 | 0.053 | 23 |
| L23S 800W | Soil | 0.9 | 22.2 | 7.9 | 63 | 0.2 | 21.8 | 12.1 | 344 | 2.66 | 2.0 | 0.7 | 1.2 | 21 | 0.6 | 0.1 | 0.2 | 65 | 0.45 | 0.034 | 9 |
| L23S 750W | Soil | 1.4 | 20.7 | 6.3 | 49 | 0.2 | 14.5 | 7.1 | 275 | 1.77 | 2.4 | 1.3 | 0.9 | 15 | 0.2 | 0.2 | 0.1 | 42 | 0.19 | 0.029 | 12 |
| L23S 650W | Soil | 15.4 | 112.3 | 11.9 | 99 | 0.2 | 66.1 | 128.0 | >10000 | 15.57 | 9.3 | 7.6 | 3.3 | 56 | 0.6 | 1.5 | 0.4 | 16 | 0.23 | 0.043 | 10 |
| L23S 600W | Soil | 2.7 | 107.1 | 11.4 | 125 | 0.1 | 41.6 | 11.2 | 462 | 4.80 | 2.6 | 1.0 | 8.9 | 9 | 0.3 | 0.3 | 0.7 | 26 | 0.04 | 0.051 | 47 |
| L23S 550W | Soil | 2.2 | 14.3 | 7.8 | 51 | 0.4 | 10.6 | 3.6 | 150 | 2.65 | 6.0 | <0.5 | 1.7 | 6 | 0.1 | 0.5 | 0.2 | 56 | 0.06 | 0.067 | 9 |
| L23S 500W | Soil | 3.4 | 22.0 | 8.3 | 65 | 0.2 | 15.4 | 5.7 | 169 | 3.48 | 9.0 | 1.6 | 1.6 | 4 | 0.2 | 0.8 | 0.2 | 59 | 0.04 | 0.088 | 7 |
| L23S 450W | Soil | 3.7 | 30.7 | 7.3 | 49 | 0.2 | 21.6 | 7.3 | 243 | 3.00 | 9.8 | 1.2 | 1.3 | 31 | 0.5 | 0.9 | 0.2 | 45 | 0.37 | 0.030 | 8 |
| L23S 350W | Soil | 6.3 | 37.4 | 8.2 | 59 | 0.1 | 17.8 | 5.4 | 190 | 2.76 | 9.4 | 1.4 | 1.2 | 5 | 0.2 | 1.2 | 0.3 | 56 | 0.06 | 0.044 | 11 |
| L23S 300W | Soil | 3.7 | 43.3 | 7.5 | 65 | 0.4 | 19.3 | 7.4 | 1011 | 2.04 | 4.6 | 1.5 | 0.3 | 55 | 0.5 | 0.6 | 0.2 | 44 | 0.68 | 0.048 | 19 |
| L23S 250W | Soil | 3.1 | 30.1 | 8.6 | 91 | 0.3 | 22.0 | 5.9 | 467 | 3.82 | 9.2 | 1.9 | 1.1 | 8 | 0.3 | 0.8 | 0.3 | 60 | 0.19 | 0.276 | 7 |
| L23S 200W | Soil | 1.6 | 5.4 | 5.1 | 22 | <0.1 | 4.1 | 1.3 | 58 | 1.05 | 3.4 | 3.1 | 1.1 | 5 | <0.1 | 0.3 | 0.1 | 29 | 0.05 | 0.015 | 11 |
| L42N 2250W | Soil | 5.4 | 42.5 | 11.0 | 62 | 0.3 | 15.6 | 5.3 | 247 | 3.30 | 8.1 | 1.0 | 1.1 | 5 | 0.3 | 1.0 | 0.3 | 55 | 0.08 | 0.135 | 16 |
| L42N 2200W | Soil | 5.3 | 52.9 | 10.5 | 90 | 0.5 | 27.5 | 8.6 | 421 | 5.03 | 10.0 | 1.9 | 1.1 | 4 | 0.3 | 1.2 | 0.3 | 51 | 0.05 | 0.116 | 12 |
| L42N 2150W | Soil | 4.6 | 43.7 | 9.4 | 80 | 0.4 | 22.4 | 8.0 | 559 | 4.41 | 8.7 | 0.6 | 2.1 | 4 | 0.3 | 1.1 | 0.3 | 52 | 0.07 | 0.148 | 12 |
| L42N 2100W | Soil | 5.6 | 53.7 | 13.0 | 70 | 0.2 | 19.3 | 6.3 | 266 | 4.71 | 9.7 | 1.1 | 2.0 | 5 | 0.4 | 1.2 | 0.4 | 49 | 0.07 | 0.055 | 18 |
| L42N 2050W | Soil | 7.3 | 82.5 | 22.5 | 286 | 0.6 | 40.5 | 33.0 | 1566 | 4.91 | 11.2 | 0.8 | 2.1 | 51 | 1.0 | 0.9 | 0.5 | 44 | 0.49 | 0.122 | 26 |
| L42N 2000W | Soil | 4.6 | 33.1 | 10.7 | 55 | 0.2 | 10.7 | 4.9 | 341 | 2.22 | 7.0 | 0.5 | 1.8 | 5 | 0.3 | 0.9 | 0.3 | 51 | 0.07 | 0.098 | 19 |
| L42N 1950W | Soil | 6.0 | 48.8 | 11.3 | 80 | 0.6 | 17.7 | 9.0 | 895 | 5.07 | 11.2 | 0.5 | 2.0 | 5 | 0.3 | 1.0 | 0.4 | 59 | 0.08 | 0.153 | 16 |
| L42N 1900W | Soil | 3.9 | 46.1 | 9.9 | 80 | 0.5 | 23.7 | 7.1 | 429 | 3.68 | 9.9 | 0.9 | 2.1 | 5 | 0.2 | 1.0 | 0.3 | 46 | 0.06 | 0.166 | 14 |
| L42N 1850W | Soil | 5.4 | 64.7 | 13.0 | 114 | 0.4 | 24.1 | 10.6 | 402 | 3.95 | 19.2 | 3.1 | 3.5 | 4 | 0.6 | 1.1 | 0.3 | 49 | 0.06 | 0.062 | 15 |
| L42N 1800W | Soil | 4.5 | 43.4 | 13.5 | 161 | 0.3 | 37.7 | 18.5 | 525 | 5.44 | 13.5 | 1.5 | 2.8 | 9 | 0.8 | 1.0 | 0.3 | 71 | 0.27 | 0.038 | 13 |
| L42N 1750W | Soil | 3.9 | 71.8 | 11.5 | 163 | 0.7 | 29.3 | 14.9 | 3576 | 3.12 | 8.8 | 1.8 | 0.6 | 21 | 2.4 | 1.1 | 0.3 | 44 | 1.17 | 0.150 | 20 |
| L42N 1700W | Soil | 3.3 | 57.0 | 11.8 | 119 | 0.2 | 32.1 | 15.4 | 2051 | 3.17 | 10.0 | 1.1 | 0.6 | 20 | 1.9 | 1.0 | 0.3 | 44 | 0.97 | 0.101 | 15 |
| L42N 1650W | Soil | 3.3 | 55.6 | 10.0 | 119 | 0.4 | 47.3 | 13.9 | 623 | 3.40 | 11.1 | 2.1 | 0.6 | 16 | 1.0 | 1.0 | 0.2 | 48 | 0.69 | 0.077 | 17 |
| L42N 1600W | Soil | 3.0 | 54.7 | 9.4 | 91 | 0.3 | 49.9 | 13.1 | 764 | 3.15 | 9.5 | 3.6 | 0.9 | 15 | 0.6 | 1.2 | 0.2 | 39 | 0.50 | 0.064 | 14 |
| L42N 1550W | Soil | 3.3 | 57.2 | 11.6 | 137 | 0.2 | 45.3 | 17.3 | 1176 | 3.49 | 11.1 | 1.7 | 1.0 | 18 | 1.1 | 1.2 | 0.2 | 44 | 0.54 | 0.090 | 15 |
| L42N 1500W | Soil | 3.0 | 54.7 | 9.8 | 111 | 0.4 | 41.8 | 14.3 | 1195 | 3.07 | 8.3 | 3.2 | 0.8 | 19 | 0.9 | 0.8 | 0.2 | 42 | 0.88 | 0.128 | 14 |
| L42N 1450W | Soil | 2.7 | 36.1 | 7.3 | 72 | 0.5 | 34.5 | 10.9 | 590 | 2.77 | 5.4 | 1.2 | 0.4 | 18 | 0.7 | 0.5 | 0.2 | 49 | 0.80 | 0.047 | 14 |
| L42N 1100W | Soil | 2.3 | 21.3 | 6.6 | 54 | 0.2 | 28.8 | 5.7 | 219 | 2.80 | 6.2 | 1.5 | 1.3 | 6 | 0.3 | 0.5 | 0.2 | 53 | 0.08 | 0.092 | 10 |

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Project: Lustdust
Report Date: September 21, 2017



# CERTIFICATE OF ANALYSIS VAN17002009.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L23S 850W | Soil | 24 | 0.40 | 442 | 0.003 | <20 | 1.82 | 0.003 | 0.08 | <0.1 | 0.10 | 3.7 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| L23S 800W | Soil | 44 | 0.84 | 347 | 0.068 | <20 | 1.80 | 0.006 | 0.06 | <0.1 | 0.05 | 4.3 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L23S 750W | Soil | 26 | 0.28 | 193 | 0.028 | <20 | 1.20 | 0.003 | 0.04 | <0.1 | 0.02 | 2.7 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L23S 650W | Soil | 11 | 0.07 | 2561 | 0.002 | <20 | 0.60 | <0.001 | 0.07 | <0.1 | 0.13 | 2.7 | 0.1 | <0.05 | <1 | 3.8 | 0.2 |
| L23S 600W | Soil | 21 | 0.92 | 135 | <0.001 | <20 | 1.57 | 0.001 | 0.09 | <0.1 | 0.03 | 2.4 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L23S 550W | Soil | 25 | 0.16 | 139 | 0.063 | <20 | 1.22 | 0.003 | 0.03 | <0.1 | 0.05 | 2.3 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L23S 500W | Soil | 33 | 0.19 | 84 | 0.062 | <20 | 1.58 | 0.002 | 0.03 | <0.1 | 0.04 | 2.7 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L23S 450W | Soil | 34 | 0.34 | 178 | 0.049 | <20 | 1.24 | 0.003 | 0.05 | <0.1 | 0.04 | 2.5 | <0.1 | <0.05 | 4 | 0.8 | <0.2 |
| L23S 350W | Soil | 22 | 0.19 | 69 | 0.047 | <20 | 0.81 | 0.002 | 0.03 | <0.1 | 0.05 | 2.3 | 0.1 | <0.05 | 5 | 0.7 | <0.2 |
| L23S 300W | Soil | 42 | 0.34 | 357 | 0.028 | <20 | 1.30 | 0.004 | 0.04 | <0.1 | 0.09 | 2.8 | 0.1 | <0.05 | 5 | 1.3 | <0.2 |
| L23S 250W | Soil | 44 | 0.25 | 117 | 0.038 | <20 | 1.55 | 0.002 | 0.04 | <0.1 | 0.09 | 2.5 | <0.1 | <0.05 | 6 | 0.7 | <0.2 |
| L23S 200W | Soil | 14 | 0.08 | 109 | 0.039 | <20 | 0.67 | 0.002 | 0.02 | <0.1 | 0.01 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L42N 2250W | Soil | 19 | 0.21 | 83 | 0.028 | <20 | 1.08 | 0.002 | 0.07 | <0.1 | 0.04 | 2.0 | 0.1 | <0.05 | 6 | 0.6 | <0.2 |
| L42N 2200W | Soil | 32 | 0.45 | 93 | 0.021 | <20 | 1.62 | 0.001 | 0.05 | <0.1 | 0.07 | 2.5 | 0.1 | <0.05 | 5 | 0.7 | <0.2 |
| L42N 2150W | Soil | 28 | 0.36 | 62 | 0.048 | <20 | 1.20 | 0.002 | 0.06 | <0.1 | 0.07 | 2.7 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L42N 2100W | Soil | 26 | 0.30 | 87 | 0.036 | <20 | 1.38 | 0.002 | 0.06 | <0.1 | 0.06 | 2.2 | 0.1 | <0.05 | 6 | 0.5 | <0.2 |
| L42N 2050W | Soil | 29 | 0.43 | 610 | 0.005 | <20 | 2.28 | 0.004 | 0.07 | <0.1 | 0.09 | 3.4 | 0.2 | <0.05 | 6 | 1.5 | <0.2 |
| L42N 2000W | Soil | 15 | 0.12 | 138 | 0.029 | <20 | 0.90 | 0.003 | 0.07 | <0.1 | 0.03 | 1.8 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L42N 1950W | Soil | 25 | 0.34 | 152 | 0.035 | <20 | 1.47 | 0.002 | 0.06 | <0.1 | 0.06 | 2.6 | 0.2 | <0.05 | 6 | 0.7 | <0.2 |
| L42N 1900W | Soil | 25 | 0.42 | 170 | 0.019 | <20 | 1.44 | 0.003 | 0.06 | <0.1 | 0.08 | 2.9 | 0.1 | <0.05 | 5 | 0.6 | <0.2 |
| L42N 1850W | Soil | 29 | 0.39 | 145 | 0.020 | <20 | 1.94 | 0.002 | 0.04 | <0.1 | 0.19 | 3.6 | 0.2 | <0.05 | 5 | 0.7 | <0.2 |
| L42N 1800W | Soil | 47 | 0.63 | 470 | 0.024 | <20 | 2.64 | 0.003 | 0.05 | <0.1 | 0.11 | 4.7 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L42N 1750W | Soil | 42 | 0.42 | 438 | 0.010 | <20 | 1.65 | 0.003 | 0.05 | <0.1 | 0.32 | 2.5 | 0.1 | <0.05 | 5 | 2.0 | <0.2 |
| L42N 1700W | Soil | 37 | 0.51 | 414 | 0.012 | <20 | 1.55 | 0.003 | 0.06 | <0.1 | 0.16 | 2.7 | 0.1 | <0.05 | 4 | 0.9 | <0.2 |
| L42N 1650W | Soil | 53 | 0.59 | 237 | 0.015 | <20 | 1.59 | 0.003 | 0.06 | <0.1 | 0.20 | 3.4 | 0.1 | <0.05 | 5 | 1.1 | <0.2 |
| L42N 1600W | Soil | 64 | 0.65 | 227 | 0.015 | <20 | 1.22 | 0.004 | 0.06 | <0.1 | 0.31 | 3.8 | 0.1 | <0.05 | 4 | 0.8 | <0.2 |
| L42N 1550W | Soil | 58 | 0.62 | 279 | 0.015 | <20 | 1.46 | 0.004 | 0.07 | <0.1 | 0.16 | 3.5 | 0.1 | <0.05 | 4 | 0.6 | <0.2 |
| L42N 1500W | Soil | 51 | 0.63 | 311 | 0.011 | <20 | 1.55 | 0.004 | 0.08 | <0.1 | 0.24 | 3.0 | 0.1 | <0.05 | 4 | 0.7 | <0.2 |
| L42N 1450W | Soil | 49 | 0.51 | 276 | 0.026 | <20 | 1.51 | 0.004 | 0.05 | <0.1 | 0.14 | 2.9 | 0.1 | <0.05 | 5 | 0.5 | <0.2 |
| L42N 1100W | Soil | 65 | 0.53 | 92 | 0.040 | <20 | 1.56 | 0.004 | 0.04 | <0.1 | 0.12 | 3.0 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |

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Project: Lustdust
Report Date: September 21, 2017



# CERTIFICATE OF ANALYSIS VAN17002009.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L42N 1050W | Soil | 2.1 | 33.1 | 6.6 | 92 | 0.2 | 49.1 | 12.2 | 658 | 4.50 | 8.5 | 1.5 | 2.1 | 7 | 0.4 | 0.7 | 0.2 | 64 | 0.10 | 0.161 | 9 |
| L42N 1000W | Soil | 1.5 | 21.9 | 6.0 | 56 | 0.2 | 33.6 | 6.5 | 310 | 2.03 | 2.3 | 1.4 | 1.8 | 7 | 0.2 | 0.4 | 0.2 | 36 | 0.09 | 0.043 | 12 |
| L42N 950W | Soil | 1.7 | 22.4 | 5.8 | 60 | <0.1 | 34.4 | 6.8 | 340 | 2.50 | 3.3 | 1.3 | 1.8 | 6 | 0.2 | 0.4 | 0.1 | 41 | 0.07 | 0.043 | 12 |
| L42N 900W | Soil | 1.5 | 13.4 | 6.1 | 40 | <0.1 | 23.2 | 4.2 | 195 | 1.92 | 5.5 | 0.6 | 1.6 | 7 | 0.3 | 0.5 | 0.2 | 45 | 0.12 | 0.065 | 10 |
| L42N 850W | Soil | 1.4 | 22.1 | 5.4 | 55 | <0.1 | 37.8 | 6.8 | 302 | 2.01 | 3.4 | 2.2 | 0.7 | 7 | 0.1 | 0.3 | 0.1 | 36 | 0.09 | 0.024 | 11 |
| L42N 800W | Soil | 1.7 | 20.8 | 5.2 | 61 | 0.2 | 37.1 | 8.8 | 429 | 2.54 | 4.0 | 1.3 | 1.0 | 7 | 0.2 | 0.5 | 0.1 | 43 | 0.08 | 0.037 | 11 |
| L42N 750W | Soil | 1.6 | 19.3 | 5.1 | 56 | 0.1 | 50.2 | 7.2 | 287 | 2.78 | 5.6 | 3.0 | 1.4 | 9 | 0.3 | 0.5 | 0.1 | 48 | 0.15 | 0.071 | 9 |
| L42N 700W | Soil | 1.4 | 19.6 | 3.7 | 39 | 0.1 | 48.9 | 6.1 | 221 | 1.96 | 4.6 | 0.9 | 0.5 | 9 | 0.2 | 0.5 | <0.1 | 41 | 0.15 | 0.039 | 7 |
| L42N 650W | Soil | 1.4 | 14.2 | 4.9 | 38 | 0.2 | 23.5 | 4.7 | 246 | 2.05 | 4.9 | <0.5 | 0.6 | 11 | 0.2 | 0.4 | 0.1 | 50 | 0.17 | 0.033 | 8 |
| L42N 600W | Soil | 1.2 | 12.8 | 3.9 | 34 | <0.1 | 24.5 | 4.1 | 182 | 1.54 | 3.2 | 0.5 | 0.5 | 9 | 0.1 | 0.3 | <0.1 | 41 | 0.14 | 0.024 | 8 |
| L42N 500W | Soil | 11.7 | 32.6 | 6.3 | 106 | 0.4 | 96.7 | 18.9 | 1578 | 3.90 | 8.7 | 2.3 | 0.3 | 21 | 0.6 | 0.4 | 0.1 | 46 | 0.27 | 0.086 | 18 |
| L42N 450W | Soil | 1.6 | 29.7 | 6.4 | 89 | 0.2 | 77.9 | 11.8 | 429 | 2.28 | 3.6 | 0.8 | 0.2 | 16 | 0.3 | 0.4 | 0.2 | 40 | 0.23 | 0.041 | 11 |
| L42N 400W | Soil | 1.0 | 13.9 | 5.0 | 56 | 0.2 | 37.7 | 7.8 | 271 | 1.79 | 2.7 | 0.6 | 0.9 | 9 | 0.1 | 0.2 | 0.1 | 38 | 0.12 | 0.033 | 11 |
| L42N 350W | Soil | 0.9 | 14.9 | 6.4 | 38 | 0.2 | 26.2 | 4.4 | 175 | 1.66 | 2.3 | 1.4 | 0.1 | 8 | 0.1 | 0.3 | 0.2 | 33 | 0.10 | 0.044 | 10 |
| L42N 300W | Soil | 2.5 | 24.5 | 6.4 | 97 | 0.1 | 37.3 | 9.9 | 457 | 3.83 | 7.1 | 1.1 | 2.0 | 5 | 0.7 | 0.9 | 0.2 | 58 | 0.13 | 0.163 | 10 |
| L42N 250W | Soil | 1.2 | 8.9 | 5.1 | 55 | 0.3 | 18.0 | 5.1 | 255 | 2.63 | 1.7 | <0.5 | 1.5 | 6 | 0.2 | 0.3 | 0.1 | 57 | 0.18 | 0.103 | 10 |
| L16N 1550E | Soil | 2.2 | 33.5 | 6.7 | 54 | <0.1 | 24.3 | 6.1 | 258 | 1.80 | 8.8 | 3.3 | 0.5 | 8 | 0.2 | 1.4 | 0.2 | 25 | 0.09 | 0.051 | 11 |
| L16N 1500E | Soil | 2.3 | 29.9 | 7.6 | 60 | 0.1 | 24.8 | 6.1 | 310 | 2.16 | 8.8 | 3.6 | 2.9 | 6 | 0.2 | 2.0 | 0.2 | 31 | 0.08 | 0.057 | 17 |
| L16N 1450E | Soil | 1.9 | 30.5 | 6.8 | 58 | 0.3 | 23.6 | 5.8 | 246 | 2.09 | 7.4 | 3.7 | 2.6 | 6 | 0.2 | 1.6 | 0.2 | 33 | 0.08 | 0.068 | 15 |
| L16N 1400E | Soil | 2.3 | 34.5 | 6.9 | 66 | 0.2 | 27.8 | 6.3 | 177 | 2.08 | 9.4 | 2.8 | 2.3 | 5 | 0.2 | 1.1 | 0.2 | 33 | 0.05 | 0.104 | 10 |
| L16N 1350E | Soil | 2.5 | 48.9 | 7.7 | 66 | <0.1 | 32.2 | 10.0 | 381 | 2.21 | 10.2 | 6.0 | 1.3 | 9 | 0.3 | 1.6 | 0.2 | 33 | 0.15 | 0.047 | 11 |
| L16N 1250E | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L16N 1200E | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L16N 1100E | Soil | 2.6 | 31.2 | 7.2 | 60 | 0.3 | 22.7 | 6.5 | 223 | 2.56 | 20.7 | 1.2 | 0.5 | 15 | 0.4 | 2.2 | 0.2 | 47 | 0.55 | 0.050 | 8 |
| L16N 1050E | Soil | 2.6 | 41.0 | 9.7 | 98 | 0.1 | 34.8 | 12.7 | 543 | 4.02 | 25.6 | 1.1 | 2.0 | 7 | 0.6 | 2.9 | 0.2 | 78 | 0.14 | 0.110 | 11 |
| L16N 1000E | Soil | 2.4 | 34.0 | 8.0 | 80 | <0.1 | 25.4 | 7.9 | 287 | 2.85 | 15.8 | 0.8 | 1.9 | 5 | 0.3 | 1.8 | 0.2 | 44 | 0.09 | 0.076 | 9 |
| L16N 950E | Soil | 3.1 | 20.8 | 10.3 | 52 | 0.3 | 15.5 | 5.0 | 519 | 2.80 | 25.6 | <0.5 | 1.7 | 5 | 0.2 | 3.1 | 0.3 | 55 | 0.08 | 0.122 | 9 |
| L16N 900E | Soil | 2.5 | 41.4 | 13.0 | 75 | 0.4 | 34.5 | 7.1 | 231 | 3.13 | 41.0 | 4.4 | 2.0 | 8 | 0.4 | 5.4 | 0.3 | 44 | 0.14 | 0.056 | 11 |
| L16N 850E | Soil | 2.0 | 15.2 | 7.0 | 44 | 0.1 | 9.7 | 3.9 | 623 | 2.71 | 5.8 | <0.5 | 1.1 | 5 | 0.1 | 0.7 | 0.2 | 60 | 0.06 | 0.145 | 7 |
| L16N 800E | Soil | 0.9 | 23.9 | 4.4 | 47 | <0.1 | 59.2 | 8.3 | 234 | 2.45 | 6.4 | 0.6 | 1.0 | 7 | 0.2 | 1.5 | <0.1 | 53 | 0.15 | 0.028 | 5 |

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Project: Lustdust
Report Date: September 21, 2017



# CERTIFICATE OF ANALYSIS VAN17002009.1

| | | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L42N 1050W | Soil | | 92 | 0.82 | 135 | 0.048 | <20 | 2.14 | 0.004 | 0.04 | <0.1 | 0.06 | 3.8 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L42N 1000W | Soil | | 52 | 0.61 | 146 | 0.037 | <20 | 1.50 | 0.004 | 0.07 | <0.1 | 0.07 | 2.8 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L42N 950W | Soil | | 57 | 0.69 | 109 | 0.036 | <20 | 1.65 | 0.003 | 0.05 | <0.1 | 0.08 | 2.9 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L42N 900W | Soil | | 58 | 0.43 | 112 | 0.044 | <20 | 1.42 | 0.003 | 0.04 | <0.1 | 0.42 | 2.4 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L42N 850W | Soil | | 69 | 0.73 | 106 | 0.047 | <20 | 1.35 | 0.004 | 0.06 | <0.1 | 0.05 | 2.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L42N 800W | Soil | | 68 | 0.72 | 139 | 0.061 | <20 | 1.35 | 0.003 | 0.05 | <0.1 | 0.03 | 2.6 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L42N 750W | Soil | | 88 | 0.83 | 123 | 0.053 | <20 | 1.38 | 0.004 | 0.05 | <0.1 | 0.05 | 2.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L42N 700W | Soil | | 87 | 0.68 | 77 | 0.069 | <20 | 0.87 | 0.004 | 0.03 | <0.1 | 0.06 | 2.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L42N 650W | Soil | | 68 | 0.34 | 150 | 0.091 | <20 | 0.83 | 0.004 | 0.04 | <0.1 | 0.05 | 1.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L42N 600W | Soil | | 57 | 0.42 | 128 | 0.078 | <20 | 0.95 | 0.003 | 0.03 | <0.1 | 0.03 | 1.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L42N 500W | Soil | | 111 | 0.64 | 320 | 0.017 | <20 | 1.97 | 0.004 | 0.04 | <0.1 | 0.17 | 3.1 | 0.2 | <0.05 | 4 | 0.5 | <0.2 |
| L42N 450W | Soil | | 168 | 0.63 | 237 | 0.031 | <20 | 1.73 | 0.004 | 0.06 | <0.1 | 0.06 | 2.6 | 0.1 | <0.05 | 5 | 0.5 | <0.2 |
| L42N 400W | Soil | | 77 | 0.71 | 163 | 0.038 | <20 | 1.23 | 0.003 | 0.04 | <0.1 | 0.04 | 2.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L42N 350W | Soil | | 63 | 0.50 | 125 | 0.032 | <20 | 1.13 | 0.003 | 0.05 | <0.1 | 0.08 | 1.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L42N 300W | Soil | | 70 | 0.59 | 77 | 0.068 | <20 | 1.74 | 0.003 | 0.03 | <0.1 | 0.03 | 3.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L42N 250W | Soil | | 46 | 0.52 | 67 | 0.110 | <20 | 1.46 | 0.003 | 0.04 | <0.1 | 0.03 | 2.8 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L16N 1550E | Soil | | 29 | 0.29 | 79 | 0.030 | <20 | 0.72 | 0.002 | 0.04 | <0.1 | 0.30 | 1.6 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| L16N 1500E | Soil | | 32 | 0.52 | 82 | 0.037 | <20 | 1.06 | 0.003 | 0.06 | <0.1 | 0.55 | 2.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L16N 1450E | Soil | | 35 | 0.52 | 97 | 0.026 | <20 | 1.21 | 0.003 | 0.04 | <0.1 | 0.46 | 2.3 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L16N 1400E | Soil | | 36 | 0.30 | 74 | 0.036 | <20 | 1.11 | 0.001 | 0.02 | <0.1 | 1.23 | 2.2 | 0.1 | <0.05 | 2 | <0.5 | <0.2 |
| L16N 1350E | Soil | | 39 | 0.39 | 109 | 0.033 | <20 | 0.83 | 0.003 | 0.04 | <0.1 | 0.37 | 2.6 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| L16N 1250E | Soil | | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L16N 1200E | Soil | | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L16N 1100E | Soil | | 70 | 0.32 | 179 | 0.039 | <20 | 1.04 | 0.002 | 0.03 | <0.1 | 24.47 | 2.1 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| L16N 1050E | Soil | | 49 | 0.54 | 195 | 0.056 | <20 | 2.03 | 0.003 | 0.04 | <0.1 | 2.13 | 4.4 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L16N 1000E | Soil | | 40 | 0.34 | 82 | 0.051 | <20 | 1.19 | 0.003 | 0.03 | <0.1 | 0.84 | 2.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L16N 950E | Soil | | 32 | 0.23 | 82 | 0.082 | <20 | 0.78 | 0.003 | 0.04 | 0.1 | 0.30 | 2.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L16N 900E | Soil | | 45 | 0.50 | 153 | 0.041 | <20 | 1.34 | 0.003 | 0.03 | <0.1 | 1.61 | 3.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L16N 850E | Soil | | 19 | 0.13 | 69 | 0.087 | <20 | 0.81 | 0.003 | 0.03 | <0.1 | 0.09 | 1.9 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L16N 800E | Soil | | 83 | 0.59 | 119 | 0.058 | <20 | 1.50 | 0.004 | 0.03 | <0.1 | 0.33 | 3.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |

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| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L16N 750E | Soil | 1.3 | 23.8 | 6.5 | 53 | <0.1 | 35.9 | 6.6 | 221 | 2.49 | 9.8 | 1.1 | 1.0 | 7 | 0.2 | 2.6 | 0.1 | 51 | 0.13 | 0.026 | 7 |
| L16N 700E | Soil | 1.1 | 10.9 | 4.1 | 39 | <0.1 | 25.2 | 5.0 | 212 | 2.21 | 5.4 | <0.5 | 0.4 | 7 | 0.3 | 1.5 | <0.1 | 59 | 0.16 | 0.034 | 6 |
| L16N 650E | Soil | 1.9 | 20.9 | 12.0 | 190 | 0.2 | 29.6 | 12.3 | 1625 | 3.83 | 15.1 | 0.8 | 0.5 | 8 | 2.1 | 5.7 | 0.2 | 85 | 0.26 | 0.243 | 11 |
| L16N 600E | Soil | 2.3 | 45.9 | 11.9 | 162 | 0.4 | 66.7 | 15.7 | 321 | 3.22 | 19.6 | 4.3 | 2.1 | 9 | 0.9 | 3.4 | 0.2 | 59 | 0.29 | 0.050 | 13 |
| L16N 550E | Soil | 1.7 | 24.6 | 11.9 | 109 | 0.3 | 21.3 | 7.2 | 318 | 2.08 | 15.4 | 0.8 | 0.5 | 10 | 0.7 | 1.9 | 0.2 | 50 | 0.62 | 0.044 | 14 |
| L16N 500E | Soil | 2.6 | 43.8 | 11.8 | 117 | 0.2 | 54.3 | 14.8 | 504 | 3.25 | 23.4 | 4.8 | 0.8 | 9 | 0.5 | 3.3 | 0.3 | 50 | 0.24 | 0.061 | 14 |
| L16N 450E | Soil | 3.8 | 44.5 | 12.4 | 126 | 0.5 | 52.7 | 12.1 | 511 | 3.19 | 18.2 | 6.2 | 0.2 | 13 | 0.5 | 2.4 | 0.3 | 47 | 0.33 | 0.079 | 17 |
| L16N 400E | Soil | 3.1 | 49.3 | 13.4 | 98 | 0.2 | 51.4 | 10.1 | 457 | 3.17 | 28.7 | 4.4 | 1.6 | 10 | 0.5 | 5.7 | 0.3 | 45 | 0.17 | 0.071 | 16 |
| L16N 350E | Soil | 3.3 | 24.8 | 11.2 | 46 | 0.3 | 16.2 | 6.1 | 333 | 2.00 | 14.8 | 1.1 | 0.2 | 8 | 0.4 | 2.2 | 0.2 | 38 | 0.12 | 0.053 | 14 |
| L16N 300E | Soil | 3.2 | 25.8 | 11.6 | 67 | 0.2 | 27.1 | 6.5 | 337 | 3.40 | 18.7 | 1.5 | 0.2 | 7 | 0.4 | 2.7 | 0.2 | 44 | 0.08 | 0.114 | 10 |
| L16N 250E | Soil | 2.9 | 35.5 | 11.5 | 64 | 0.5 | 28.0 | 6.5 | 320 | 2.38 | 13.7 | 2.6 | 0.1 | 9 | 0.3 | 2.5 | 0.2 | 42 | 0.12 | 0.065 | 15 |
| L16N 200E | Soil | 6.1 | 57.0 | 13.7 | 98 | 1.0 | 40.4 | 8.4 | 411 | 2.90 | 27.6 | 4.7 | 0.4 | 11 | 0.4 | 4.3 | 0.3 | 44 | 0.14 | 0.057 | 16 |
| L16N 150E | Soil | 2.8 | 21.4 | 10.6 | 45 | 0.2 | 17.6 | 3.9 | 216 | 2.29 | 14.3 | 0.7 | 0.2 | 13 | 0.3 | 2.1 | 0.2 | 43 | 0.14 | 0.031 | 13 |
| L16N 100E | Soil | 5.7 | 80.1 | 13.3 | 119 | 2.3 | 50.7 | 21.6 | 1036 | 2.62 | 18.5 | 4.1 | 0.2 | 26 | 0.7 | 3.1 | 0.3 | 39 | 0.24 | 0.082 | 21 |
| L16N 50E | Soil | 4.4 | 64.6 | 14.8 | 73 | 0.9 | 32.3 | 9.3 | 545 | 2.73 | 17.7 | 5.2 | 0.2 | 9 | 0.5 | 2.9 | 0.3 | 42 | 0.09 | 0.061 | 14 |
| L16N 0W | Soil | 4.9 | 49.9 | 16.1 | 93 | 0.4 | 37.1 | 15.0 | 683 | 2.80 | 25.3 | 3.2 | 0.3 | 12 | 0.5 | 3.3 | 0.3 | 47 | 0.15 | 0.059 | 16 |
| L16N 50W | Soil | 4.4 | 62.0 | 12.0 | 156 | 0.7 | 58.2 | 11.8 | 1015 | 2.69 | 26.7 | 7.4 | 0.3 | 15 | 0.8 | 4.2 | 0.4 | 38 | 0.22 | 0.093 | 17 |
| L16N 100W | Soil | 4.3 | 27.1 | 12.0 | 60 | 0.5 | 19.2 | 5.3 | 313 | 3.22 | 27.3 | 2.9 | 0.4 | 6 | 0.4 | 3.4 | 0.6 | 44 | 0.07 | 0.088 | 12 |
| L16N 150W | Soil | 5.5 | 67.4 | 18.0 | 117 | 4.6 | 37.0 | 22.1 | 930 | 2.37 | 50.1 | 18.0 | <0.1 | 11 | 0.9 | 4.5 | 0.5 | 41 | 0.11 | 0.082 | 18 |
| L16N 200W | Soil | 4.5 | 30.9 | 12.5 | 74 | 0.6 | 24.1 | 6.0 | 363 | 2.80 | 33.4 | 3.1 | 0.8 | 8 | 0.4 | 4.6 | 0.4 | 44 | 0.08 | 0.044 | 16 |
| L16N 250W | Soil | 3.8 | 44.5 | 13.6 | 74 | 0.6 | 26.2 | 7.1 | 410 | 3.30 | 32.6 | 5.5 | 0.5 | 8 | 0.4 | 5.2 | 0.4 | 40 | 0.08 | 0.041 | 15 |
| L16N 300W | Soil | 4.3 | 46.3 | 22.9 | 55 | 0.9 | 17.2 | 3.8 | 148 | 1.76 | 104.8 | 173.8 | 0.3 | 9 | 0.4 | 14.3 | 0.5 | 44 | 0.09 | 0.031 | 15 |

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| | | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L16N 750E | Soil | | 55 | 0.38 | 116 | 0.060 | <20 | 1.19 | 0.004 | 0.03 | <0.1 | 0.47 | 2.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L16N 700E | Soil | | 59 | 0.30 | 73 | 0.082 | <20 | 1.19 | 0.004 | 0.04 | <0.1 | 0.14 | 2.2 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L16N 650E | Soil | | 71 | 0.32 | 157 | 0.049 | <20 | 2.27 | 0.003 | 0.03 | <0.1 | 3.01 | 3.1 | <0.1 | <0.05 | 8 | <0.5 | <0.2 |
| L16N 600E | Soil | | 67 | 0.60 | 286 | 0.025 | <20 | 2.60 | 0.003 | 0.06 | <0.1 | 3.21 | 4.8 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L16N 550E | Soil | | 38 | 0.33 | 265 | 0.019 | <20 | 1.38 | 0.004 | 0.06 | <0.1 | 0.85 | 2.3 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L16N 500E | Soil | | 61 | 0.72 | 217 | 0.025 | <20 | 1.65 | 0.004 | 0.08 | <0.1 | 0.82 | 3.0 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L16N 450E | Soil | | 65 | 0.68 | 219 | 0.013 | <20 | 1.92 | 0.005 | 0.08 | <0.1 | 0.66 | 2.3 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L16N 400E | Soil | | 53 | 0.77 | 126 | 0.046 | <20 | 1.50 | 0.004 | 0.07 | <0.1 | 0.43 | 3.0 | 0.1 | <0.05 | 4 | 0.6 | <0.2 |
| L16N 350E | Soil | | 32 | 0.29 | 174 | 0.027 | <20 | 1.00 | 0.003 | 0.07 | <0.1 | 0.62 | 1.1 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L16N 300E | Soil | | 48 | 0.55 | 149 | 0.015 | <20 | 1.41 | 0.003 | 0.05 | <0.1 | 0.24 | 1.2 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L16N 250E | Soil | | 42 | 0.63 | 171 | 0.019 | <20 | 1.60 | 0.003 | 0.07 | <0.1 | 0.25 | 1.2 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L16N 200E | Soil | | 57 | 0.59 | 134 | 0.034 | <20 | 1.51 | 0.003 | 0.06 | <0.1 | 1.64 | 2.4 | 0.2 | <0.05 | 5 | 0.8 | <0.2 |
| L16N 150E | Soil | | 35 | 0.41 | 112 | 0.028 | <20 | 1.16 | 0.003 | 0.05 | <0.1 | 0.40 | 1.3 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L16N 100E | Soil | | 73 | 0.46 | 218 | 0.015 | <20 | 2.12 | 0.004 | 0.08 | <0.1 | 0.87 | 1.8 | 0.2 | <0.05 | 5 | 1.6 | <0.2 |
| L16N 50E | Soil | | 49 | 0.48 | 159 | 0.020 | <20 | 1.63 | 0.003 | 0.07 | <0.1 | 0.32 | 1.6 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L16N 0W | Soil | | 48 | 0.64 | 271 | 0.022 | <20 | 1.62 | 0.004 | 0.07 | <0.1 | 0.20 | 1.8 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L16N 50W | Soil | | 67 | 0.60 | 212 | 0.015 | <20 | 1.65 | 0.004 | 0.06 | <0.1 | 0.38 | 2.2 | 0.1 | <0.05 | 4 | 0.9 | <0.2 |
| L16N 100W | Soil | | 38 | 0.43 | 118 | 0.031 | <20 | 1.35 | 0.003 | 0.06 | <0.1 | 0.17 | 1.7 | 0.2 | <0.05 | 5 | 0.5 | <0.2 |
| L16N 150W | Soil | | 48 | 0.42 | 241 | 0.017 | <20 | 2.10 | 0.004 | 0.06 | <0.1 | 0.65 | 1.4 | 0.3 | <0.05 | 6 | 1.1 | <0.2 |
| L16N 200W | Soil | | 38 | 0.51 | 144 | 0.049 | <20 | 1.27 | 0.003 | 0.07 | <0.1 | 0.14 | 2.2 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L16N 250W | Soil | | 39 | 0.52 | 103 | 0.028 | <20 | 1.52 | 0.002 | 0.05 | <0.1 | 0.17 | 2.0 | 0.1 | <0.05 | 4 | 0.6 | <0.2 |
| L16N 300W | Soil | | 30 | 0.20 | 103 | 0.044 | <20 | 0.85 | 0.003 | 0.05 | <0.1 | 0.13 | 1.4 | 0.2 | <0.05 | 5 | 0.8 | <0.2 |

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Project: Lustdust
Report Date: September 21, 2017



# QUALITY CONTROL REPORT VAN17002009.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | | | | | | | | | | | | | | | | | | | | | |
| L23S 600W | Soil | 2.7 | 107.1 | 11.4 | 125 | 0.1 | 41.6 | 11.2 | 462 | 4.80 | 2.6 | 1.0 | 8.9 | 9 | 0.3 | 0.3 | 0.7 | 26 | 0.04 | 0.051 | 47 |
| REP L23S 600W | QC | 2.6 | 107.8 | 11.1 | 120 | 0.2 | 43.1 | 10.9 | 454 | 4.76 | 2.3 | <0.5 | 9.1 | 9 | 0.4 | 0.3 | 0.7 | 26 | 0.03 | 0.050 | 46 |
| L42N 500W | Soil | 11.7 | 32.6 | 6.3 | 106 | 0.4 | 96.7 | 18.9 | 1578 | 3.90 | 8.7 | 2.3 | 0.3 | 21 | 0.6 | 0.4 | 0.1 | 46 | 0.27 | 0.086 | 18 |
| REP L42N 500W | QC | 11.9 | 32.8 | 6.5 | 103 | 0.4 | 100.4 | 19.3 | 1592 | 4.12 | 9.3 | 2.4 | 0.3 | 22 | 0.7 | 0.5 | 0.1 | 47 | 0.29 | 0.096 | 19 |
| L16N 100W | Soil | 4.3 | 27.1 | 12.0 | 60 | 0.5 | 19.2 | 5.3 | 313 | 3.22 | 27.3 | 2.9 | 0.4 | 6 | 0.4 | 3.4 | 0.6 | 44 | 0.07 | 0.088 | 12 |
| REP L16N 100W | QC | 4.1 | 27.1 | 11.8 | 58 | 0.5 | 19.7 | 4.9 | 305 | 3.13 | 26.6 | 3.2 | 0.3 | 6 | 0.4 | 3.2 | 0.4 | 42 | 0.06 | 0.090 | 12 |
| L16N 300W | Soil | 4.3 | 46.3 | 22.9 | 55 | 0.9 | 17.2 | 3.8 | 148 | 1.76 | 104.8 | 173.8 | 0.3 | 9 | 0.4 | 14.3 | 0.5 | 44 | 0.09 | 0.031 | 15 |
| REP L16N 300W | QC | 4.1 | 44.7 | 23.4 | 53 | 0.8 | 16.3 | 3.7 | 144 | 1.69 | 101.6 | 3.1 | 0.2 | 8 | 0.4 | 14.0 | 0.5 | 42 | 0.10 | 0.030 | 15 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS11 | Standard | 13.4 | 164.5 | 139.9 | 348 | 1.8 | 82.1 | 14.2 | 1025 | 3.12 | 47.6 | 50.9 | 8.0 | 62 | 2.4 | 9.0 | 12.4 | 53 | 1.03 | 0.075 | 19 |
| STD DS11 | Standard | 14.1 | 166.3 | 138.1 | 338 | 1.7 | 81.1 | 13.9 | 1027 | 3.09 | 43.6 | 73.9 | 7.9 | 61 | 2.5 | 8.6 | 11.8 | 53 | 0.99 | 0.075 | 18 |
| STD DS11 | Standard | 13.3 | 170.0 | 137.8 | 356 | 1.6 | 80.6 | 15.2 | 1058 | 3.28 | 48.7 | 62.0 | 8.1 | 66 | 2.4 | 8.8 | 13.1 | 55 | 1.03 | 0.076 | 20 |
| STD DS11 | Standard | 13.2 | 167.1 | 139.7 | 360 | 1.6 | 79.5 | 14.5 | 1035 | 3.16 | 47.8 | 71.7 | 7.8 | 64 | 2.7 | 8.4 | 12.8 | 51 | 1.01 | 0.077 | 19 |
| STD DS11 | Standard | 13.0 | 152.9 | 141.4 | 334 | 1.7 | 78.0 | 13.7 | 1020 | 3.25 | 43.2 | 77.0 | 7.1 | 66 | 2.2 | 8.6 | 11.8 | 48 | 1.00 | 0.065 | 18 |
| STD OREAS45EA | Standard | 1.6 | 652.9 | 14.2 | 29 | 0.2 | 347.7 | 52.2 | 357 | 20.19 | 11.1 | 48.4 | 10.7 | 3 | <0.1 | 0.4 | 0.3 | 276 | 0.03 | 0.027 | 7 |
| STD OREAS45EA | Standard | 1.6 | 652.7 | 14.1 | 29 | 0.2 | 347.5 | 52.7 | 373 | 20.43 | 10.9 | 47.8 | 10.4 | 3 | <0.1 | 0.4 | 0.3 | 281 | 0.03 | 0.029 | 7 |
| STD OREAS45EA | Standard | 1.5 | 672.3 | 13.6 | 30 | 0.2 | 339.2 | 51.0 | 386 | 21.92 | 11.7 | 49.9 | 10.4 | 4 | <0.1 | 0.4 | 0.3 | 282 | 0.03 | 0.029 | 7 |
| STD OREAS45EA | Standard | 1.6 | 640.8 | 13.8 | 28 | 0.2 | 339.5 | 52.9 | 371 | 21.52 | 11.7 | 48.7 | 10.3 | 4 | <0.1 | 0.4 | 0.3 | 262 | 0.03 | 0.028 | 7 |
| STD OREAS45EA | Standard | 1.5 | 646.6 | 13.4 | 31 | 0.2 | 370.1 | 50.0 | 391 | 22.04 | 11.4 | 49.7 | 10.1 | 4 | <0.1 | 0.3 | 0.4 | 279 | 0.03 | 0.029 | 7 |
| STD OREAS45EA Expected | | 1.6 | 709 | 14.3 | 31.4 | 0.26 | 381 | 52 | 400 | 23.51 | 10.3 | 53 | 10.7 | 3.5 | 0.03 | 0.32 | 0.26 | 303 | 0.036 | 0.029 | 7.06 |
| STD DS11 Expected | | 13.9 | 156 | 138 | 345 | 1.71 | 81.9 | 14.2 | 1055 | 3.2082 | 42.8 | 79 | 7.65 | 67.3 | 2.37 | 7.2 | 12.2 | 50 | 1.063 | 0.0701 | 18.6 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | 0.2 | <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 | 3 | <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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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: September 21, 2017



# QUALITY CONTROL REPORT VAN17002009.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | |
| L23S 600W | Soil | 21 | 0.92 | 135 | <0.001 | <20 | 1.57 | 0.001 | 0.09 | <0.1 | 0.03 | 2.4 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| REP L23S 600W | QC | 21 | 0.92 | 135 | <0.001 | <20 | 1.54 | 0.001 | 0.09 | <0.1 | 0.03 | 2.2 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L42N 500W | Soil | 111 | 0.64 | 320 | 0.017 | <20 | 1.97 | 0.004 | 0.04 | <0.1 | 0.17 | 3.1 | 0.2 | <0.05 | 4 | 0.5 | <0.2 |
| REP L42N 500W | QC | 113 | 0.65 | 329 | 0.018 | <20 | 2.07 | 0.004 | 0.04 | <0.1 | 0.16 | 3.2 | 0.2 | <0.05 | 4 | 0.6 | <0.2 |
| L16N 100W | Soil | 38 | 0.43 | 118 | 0.031 | <20 | 1.35 | 0.003 | 0.06 | <0.1 | 0.17 | 1.7 | 0.2 | <0.05 | 5 | 0.5 | <0.2 |
| REP L16N 100W | QC | 38 | 0.42 | 117 | 0.031 | <20 | 1.32 | 0.003 | 0.06 | <0.1 | 0.20 | 1.6 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L16N 300W | Soil | 30 | 0.20 | 103 | 0.044 | <20 | 0.85 | 0.003 | 0.05 | <0.1 | 0.13 | 1.4 | 0.2 | <0.05 | 5 | 0.8 | <0.2 |
| REP L16N 300W | QC | 28 | 0.19 | 101 | 0.042 | <20 | 0.79 | 0.003 | 0.04 | <0.1 | 0.20 | 1.3 | 0.2 | <0.05 | 5 | 0.8 | <0.2 |
| Reference Materials | | | | | | | | | | | | | | | | | |
| STD DS11 | Standard | 62 | 0.82 | 406 | 0.092 | <20 | 1.06 | 0.069 | 0.37 | 2.9 | 0.24 | 3.3 | 4.8 | 0.27 | 5 | 2.2 | 4.6 |
| STD DS11 | Standard | 59 | 0.79 | 415 | 0.092 | <20 | 1.05 | 0.063 | 0.37 | 2.7 | 0.28 | 3.2 | 5.0 | 0.29 | 4 | 2.4 | 4.7 |
| STD DS11 | Standard | 61 | 0.87 | 420 | 0.097 | <20 | 1.15 | 0.072 | 0.40 | 3.1 | 0.27 | 3.5 | 5.0 | 0.27 | 5 | 2.4 | 5.0 |
| STD DS11 | Standard | 58 | 0.85 | 424 | 0.095 | <20 | 1.17 | 0.068 | 0.41 | 2.8 | 0.27 | 3.1 | 5.0 | 0.27 | 5 | 2.0 | 4.7 |
| STD DS11 | Standard | 57 | 0.83 | 417 | 0.095 | <20 | 1.11 | 0.069 | 0.38 | 3.2 | 0.27 | 3.1 | 4.8 | 0.26 | 5 | 2.2 | 4.8 |
| STD OREAS45EA | Standard | 783 | 0.09 | 135 | 0.094 | <20 | 2.65 | 0.017 | 0.05 | <0.1 | 0.01 | 75.0 | <0.1 | <0.05 | 11 | 1.1 | <0.2 |
| STD OREAS45EA | Standard | 800 | 0.10 | 138 | 0.096 | <20 | 2.67 | 0.019 | 0.05 | <0.1 | 0.02 | 74.9 | <0.1 | <0.05 | 11 | 1.2 | <0.2 |
| STD OREAS45EA | Standard | 772 | 0.09 | 137 | 0.097 | <20 | 2.69 | 0.018 | 0.05 | <0.1 | 0.01 | 74.5 | <0.1 | <0.05 | 11 | 1.3 | <0.2 |
| STD OREAS45EA | Standard | 758 | 0.10 | 138 | 0.094 | <20 | 2.81 | 0.019 | 0.05 | <0.1 | <0.01 | 75.4 | 0.1 | <0.05 | 11 | 1.6 | <0.2 |
| STD OREAS45EA | Standard | 824 | 0.10 | 138 | 0.101 | <20 | 3.09 | 0.023 | 0.05 | <0.1 | 0.05 | 76.1 | <0.1 | <0.05 | 12 | 1.4 | <0.2 |
| STD OREAS45EA Expected | | 849 | 0.095 | 148 | 0.0984 | | 3.13 | 0.02 | 0.053 | | | 78 | 0.072 | 0.036 | 12.4 | 0.78 | 0.07 |
| STD DS11 Expected | | 61.5 | 0.85 | 417 | 0.0976 | | 1.129 | 0.0694 | 0.4 | 2.9 | 0.3 | 3.1 | 4.9 | 0.2835 | 4.7 | 1.9 | 4.56 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <20 | <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 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | 0.03 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <20 | <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 | <20 | <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 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | 0.04 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |

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| | |
|---|---|
| Submitted By: | Gavin Titley |
| Receiving Lab: | Canada-Vancouver |
| Received: | September 14, 2017 |
| Report Date: | September 26, 2017 |
| Page: | 1 of 8 |

# CERTIFICATE OF ANALYSIS VAN17002088.1

## CLIENT JOB INFORMATION

| | |
|---|---|
| Project: | Lustdust |
| Shipment ID: | Ids17-02 |
| P.O. Number | |
| Number of Samples: | 189 |

## SAMPLE DISPOSAL

| | |
|---|---|
| STOR-PLP | Store After 90 days Invoice for Storage |
| 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 | 189 | Dry at 60C | | | VAN |
| SS80 | 189 | Dry at 60C sieve 100g to -80 mesh | | | VAN |
| AQ200 | 189 | 1:1:1 Aqua Regia digestion ICP-MS analysis | 0.5 | Completed | VAN |

## ADDITIONAL COMMENTS

Invoice To: Mincord Exploration Consultants Ltd.
110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7
Canada

CC: Bill Morton
Glen Garratt

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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Project: Lustdust
Report Date: September 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002088.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L6N 2200W | Soil | 5.5 | 46.1 | 13.4 | 79 | 0.5 | 23.6 | 7.4 | 444 | 4.66 | 9.6 | 1.8 | 0.5 | 5 | 0.3 | 2.2 | 0.3 | 51 | 0.03 | 0.109 | 14 |
| L6N 2250W | Soil | 2.3 | 20.6 | 7.8 | 30 | 0.4 | 5.6 | 2.1 | 208 | 1.37 | 2.8 | 0.8 | 0.3 | 3 | <0.1 | 0.9 | 0.2 | 37 | 0.02 | 0.135 | 15 |
| L6N 2300W | Soil | 10.7 | 56.6 | 18.5 | 88 | 0.1 | 19.4 | 8.0 | 187 | 3.08 | 16.4 | 1.7 | 0.5 | 8 | 0.2 | 4.0 | 0.5 | 55 | 0.03 | 0.087 | 27 |
| L6N 2350W | Soil | 6.9 | 51.5 | 35.0 | 113 | 0.5 | 23.4 | 9.9 | 1065 | 4.84 | 30.6 | 2.5 | 0.3 | 6 | 0.4 | 12.6 | 0.4 | 53 | 0.04 | 0.084 | 14 |
| L6N 2400W | Soil | 3.5 | 38.0 | 19.6 | 94 | 0.5 | 16.0 | 6.6 | 511 | 2.50 | 19.7 | 1.2 | 0.4 | 5 | 0.3 | 15.6 | 0.3 | 41 | 0.06 | 0.045 | 16 |
| L6N 2450W | Soil | 4.0 | 56.5 | 11.7 | 69 | 0.5 | 18.8 | 9.0 | 571 | 4.84 | 9.4 | 1.3 | 1.0 | 8 | 0.5 | 1.7 | 0.3 | 67 | 0.10 | 0.119 | 12 |
| L6N 2500W | Soil | 3.3 | 51.2 | 9.2 | 74 | 0.3 | 19.0 | 8.2 | 704 | 3.74 | 6.1 | 1.3 | 0.4 | 6 | 0.3 | 1.2 | 0.3 | 60 | 0.10 | 0.096 | 13 |
| L6N 2550W | Soil | 1.9 | 47.2 | 8.0 | 58 | 0.2 | 15.8 | 6.8 | 416 | 3.78 | 5.7 | 4.4 | 0.3 | 4 | 0.2 | 1.0 | 0.3 | 65 | 0.12 | 0.075 | 10 |
| L6N 2600W | Soil | 2.3 | 49.4 | 8.1 | 59 | 0.2 | 15.7 | 6.2 | 375 | 4.72 | 5.8 | 3.4 | 0.5 | 5 | 0.3 | 1.2 | 0.2 | 57 | 0.09 | 0.110 | 9 |
| L6N 2650W | Soil | 2.4 | 37.5 | 8.5 | 52 | <0.1 | 14.9 | 9.2 | 761 | 5.65 | 5.5 | 2.7 | 0.4 | 5 | 0.3 | 0.9 | 0.3 | 112 | 0.20 | 0.113 | 10 |
| L6N 2700W | Soil | 3.1 | 52.0 | 8.0 | 67 | 0.2 | 22.1 | 9.6 | 454 | 6.08 | 9.2 | 5.3 | 0.4 | 5 | 0.3 | 1.8 | 0.3 | 99 | 0.12 | 0.086 | 11 |
| L6N 2750W | Soil | 3.4 | 34.7 | 8.4 | 59 | 0.2 | 13.3 | 5.8 | 497 | 3.41 | 6.0 | 1.7 | 0.3 | 7 | 0.3 | 1.4 | 0.3 | 50 | 0.15 | 0.091 | 14 |
| L6N 2800W | Soil | 3.9 | 43.2 | 9.2 | 59 | <0.1 | 16.2 | 6.4 | 315 | 4.08 | 8.5 | 2.1 | 0.4 | 6 | 0.1 | 1.4 | 0.3 | 66 | 0.14 | 0.066 | 12 |
| L6N 2850W | Soil | 3.8 | 31.8 | 9.6 | 43 | 0.2 | 12.3 | 3.8 | 199 | 2.65 | 7.0 | 1.9 | 0.1 | 5 | 0.2 | 0.9 | 0.3 | 32 | 0.08 | 0.062 | 11 |
| L6N 2900W | Soil | 3.5 | 28.7 | 9.4 | 72 | 0.1 | 18.1 | 6.9 | 553 | 2.42 | 4.7 | 2.2 | 0.2 | 18 | 0.3 | 0.8 | 0.3 | 26 | 0.16 | 0.083 | 13 |
| L6N 2950W | Soil | 6.6 | 55.8 | 17.1 | 59 | 0.3 | 12.3 | 13.0 | 5021 | 2.57 | 6.5 | 3.6 | 0.1 | 29 | 0.5 | 0.9 | 0.4 | 28 | 0.25 | 0.137 | 14 |
| L6N 3000W | Soil | 11.1 | 52.9 | 17.8 | 80 | 0.4 | 15.5 | 6.0 | 325 | 3.35 | 10.9 | 4.2 | 0.1 | 19 | 0.3 | 2.2 | 0.4 | 35 | 0.11 | 0.089 | 15 |
| L28N 1050E | Soil | 1.3 | 23.2 | 7.9 | 62 | 0.1 | 35.1 | 12.8 | 748 | 2.38 | 3.1 | 1.6 | 0.5 | 18 | 0.3 | 0.3 | 0.2 | 42 | 0.24 | 0.038 | 12 |
| L28N 1000E | Soil | 1.5 | 19.6 | 6.0 | 54 | <0.1 | 35.5 | 9.4 | 501 | 2.17 | 5.2 | 5.4 | 0.9 | 12 | 0.3 | 0.6 | 0.1 | 35 | 0.18 | 0.049 | 10 |
| L28N 950E | Soil | 1.9 | 23.6 | 5.7 | 67 | 0.1 | 37.5 | 7.6 | 369 | 2.51 | 5.5 | 4.0 | 1.1 | 12 | 0.2 | 0.8 | 0.2 | 40 | 0.21 | 0.050 | 11 |
| L28N 900E | Soil | 2.1 | 26.8 | 8.6 | 78 | 0.2 | 48.7 | 16.0 | 905 | 3.04 | 5.2 | 3.0 | 0.2 | 17 | 0.3 | 0.5 | 0.2 | 50 | 0.27 | 0.067 | 11 |
| L28N 850E | Soil | 0.9 | 16.5 | 7.9 | 36 | <0.1 | 26.2 | 7.6 | 327 | 1.75 | 2.9 | 2.8 | 0.7 | 12 | 0.1 | 0.4 | 0.2 | 38 | 0.19 | 0.041 | 7 |
| L28N 800E | Soil | 2.2 | 21.0 | 26.4 | 32 | 0.1 | 31.8 | 15.5 | 552 | 3.17 | 2.6 | 2.2 | 0.5 | 30 | 0.2 | 0.3 | 0.5 | 76 | 0.30 | 0.059 | 6 |
| L28N 750E | Soil | 1.7 | 23.4 | 25.1 | 24 | 0.1 | 33.4 | 14.5 | 449 | 3.01 | 2.5 | 2.7 | 0.6 | 32 | <0.1 | 0.3 | 0.4 | 80 | 0.37 | 0.061 | 8 |
| L28N 700E | Soil | 1.8 | 27.3 | 29.0 | 30 | <0.1 | 36.1 | 16.1 | 624 | 3.06 | 3.1 | 5.3 | 0.6 | 30 | 0.1 | 0.2 | 0.5 | 79 | 0.33 | 0.071 | 9 |
| L28N 650E | Soil | 1.5 | 21.1 | 21.2 | 27 | <0.1 | 34.2 | 15.6 | 504 | 3.61 | 2.2 | 1.9 | 1.0 | 55 | 0.1 | 0.2 | 0.5 | 98 | 0.45 | 0.068 | 7 |
| L28N 600E | Soil | 1.6 | 20.7 | 22.0 | 25 | <0.1 | 28.9 | 14.3 | 279 | 2.62 | 2.2 | 4.0 | 0.6 | 55 | 0.1 | 0.2 | 0.4 | 71 | 0.50 | 0.075 | 7 |
| L28N 450E | Soil | 0.9 | 25.7 | 5.7 | 71 | <0.1 | 46.1 | 9.4 | 547 | 2.25 | 8.2 | 2.6 | 0.8 | 11 | 0.6 | 1.1 | 0.1 | 31 | 0.32 | 0.076 | 9 |
| L28N 400E | Soil | 2.2 | 40.9 | 8.0 | 82 | <0.1 | 63.3 | 9.8 | 458 | 3.08 | 11.6 | 3.5 | 2.1 | 9 | 0.6 | 1.8 | 0.2 | 43 | 0.17 | 0.075 | 10 |
| L28N 350E | Soil | 1.8 | 24.6 | 9.3 | 80 | 0.3 | 34.7 | 7.2 | 289 | 3.21 | 13.7 | 1.7 | 1.2 | 7 | 0.3 | 2.1 | 0.2 | 56 | 0.12 | 0.121 | 8 |

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Project: Lustdust
Report Date: September 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002088.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L6N 2200W | Soil | 36 | 0.51 | 132 | 0.009 | <20 | 1.55 | 0.003 | 0.06 | <0.1 | 0.04 | 1.8 | 0.2 | <0.05 | 6 | 0.8 | <0.2 |
| L6N 2250W | Soil | 14 | 0.14 | 106 | 0.003 | <20 | 1.35 | 0.003 | 0.05 | 0.1 | 0.03 | 0.8 | 0.3 | <0.05 | 6 | <0.5 | <0.2 |
| L6N 2300W | Soil | 14 | 0.10 | 98 | 0.007 | <20 | 1.01 | 0.002 | 0.06 | 0.1 | 0.02 | 1.1 | 0.3 | <0.05 | 6 | <0.5 | <0.2 |
| L6N 2350W | Soil | 23 | 0.23 | 130 | 0.009 | <20 | 1.50 | 0.002 | 0.05 | <0.1 | 0.06 | 1.5 | 0.3 | <0.05 | 6 | 0.7 | <0.2 |
| L6N 2400W | Soil | 26 | 0.29 | 72 | 0.021 | <20 | 1.51 | 0.002 | 0.04 | <0.1 | 0.04 | 2.1 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L6N 2450W | Soil | 31 | 0.46 | 106 | 0.045 | <20 | 1.92 | 0.004 | 0.06 | 0.1 | 0.06 | 3.2 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L6N 2500W | Soil | 26 | 0.54 | 99 | 0.039 | <20 | 1.81 | 0.004 | 0.06 | <0.1 | 0.03 | 2.6 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| L6N 2550W | Soil | 24 | 0.46 | 52 | 0.038 | <20 | 1.68 | 0.003 | 0.05 | <0.1 | 0.08 | 2.0 | 0.1 | <0.05 | 7 | 0.6 | <0.2 |
| L6N 2600W | Soil | 27 | 0.42 | 69 | 0.048 | <20 | 1.78 | 0.003 | 0.05 | <0.1 | 0.07 | 2.1 | 0.1 | 0.06 | 6 | <0.5 | <0.2 |
| L6N 2650W | Soil | 43 | 0.41 | 99 | 0.111 | <20 | 1.69 | 0.003 | 0.05 | <0.1 | 0.05 | 3.2 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| L6N 2700W | Soil | 44 | 0.54 | 98 | 0.088 | <20 | 2.18 | 0.003 | 0.03 | <0.1 | 0.06 | 3.5 | 0.1 | <0.05 | 7 | 0.6 | <0.2 |
| L6N 2750W | Soil | 19 | 0.28 | 95 | 0.029 | <20 | 1.55 | 0.004 | 0.05 | <0.1 | 0.06 | 1.5 | 0.2 | <0.05 | 7 | 0.8 | <0.2 |
| L6N 2800W | Soil | 26 | 0.31 | 107 | 0.045 | <20 | 1.39 | 0.003 | 0.06 | <0.1 | 0.06 | 2.2 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L6N 2850W | Soil | 16 | 0.21 | 71 | 0.011 | <20 | 1.12 | 0.003 | 0.05 | <0.1 | 0.07 | 0.9 | 0.1 | 0.07 | 4 | <0.5 | <0.2 |
| L6N 2900W | Soil | 17 | 0.37 | 218 | 0.007 | <20 | 1.15 | 0.003 | 0.07 | <0.1 | 0.03 | 1.2 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L6N 2950W | Soil | 13 | 0.12 | 528 | 0.005 | <20 | 1.13 | 0.003 | 0.11 | <0.1 | 0.04 | 0.6 | 0.3 | 0.07 | 5 | 0.6 | 0.2 |
| L6N 3000W | Soil | 14 | 0.19 | 197 | 0.007 | <20 | 1.00 | 0.002 | 0.09 | <0.1 | 0.06 | 1.0 | 0.2 | <0.05 | 5 | 1.7 | 0.3 |
| L28N 1050E | Soil | 68 | 0.70 | 306 | 0.034 | <20 | 1.48 | 0.004 | 0.07 | <0.1 | 0.05 | 3.2 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L28N 1000E | Soil | 64 | 0.70 | 111 | 0.048 | <20 | 1.03 | 0.004 | 0.06 | <0.1 | 0.14 | 2.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L28N 950E | Soil | 62 | 0.72 | 225 | 0.035 | <20 | 1.24 | 0.004 | 0.08 | <0.1 | 0.28 | 2.6 | <0.1 | <0.05 | 4 | 0.5 | <0.2 |
| L28N 900E | Soil | 88 | 0.82 | 314 | 0.021 | <20 | 1.72 | 0.005 | 0.10 | 0.1 | 0.08 | 2.9 | 0.1 | 0.07 | 5 | <0.5 | <0.2 |
| L28N 850E | Soil | 67 | 0.55 | 126 | 0.046 | <20 | 0.89 | 0.006 | 0.06 | 0.3 | 0.10 | 3.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L28N 800E | Soil | 111 | 0.68 | 186 | 0.029 | <20 | 0.78 | 0.010 | 0.07 | 0.6 | 0.07 | 3.6 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| L28N 750E | Soil | 126 | 0.70 | 205 | 0.030 | <20 | 0.70 | 0.012 | 0.06 | 2.0 | 0.03 | 4.6 | <0.1 | <0.05 | 2 | 0.7 | <0.2 |
| L28N 700E | Soil | 125 | 0.80 | 185 | 0.037 | <20 | 0.89 | 0.012 | 0.08 | 0.8 | 0.07 | 5.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L28N 650E | Soil | 116 | 0.64 | 242 | 0.037 | <20 | 0.70 | 0.010 | 0.07 | 0.7 | 0.02 | 4.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L28N 600E | Soil | 107 | 0.70 | 190 | 0.031 | <20 | 0.72 | 0.012 | 0.06 | 3.7 | 0.02 | 4.2 | <0.1 | 0.05 | 2 | <0.5 | <0.2 |
| L28N 450E | Soil | 61 | 0.68 | 111 | 0.024 | <20 | 0.96 | 0.003 | 0.06 | <0.1 | 0.81 | 2.8 | <0.1 | 0.06 | 3 | <0.5 | <0.2 |
| L28N 400E | Soil | 68 | 0.91 | 134 | 0.024 | <20 | 1.80 | 0.003 | 0.05 | <0.1 | 0.36 | 3.6 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L28N 350E | Soil | 65 | 0.50 | 131 | 0.028 | <20 | 1.94 | 0.003 | 0.05 | 0.1 | 0.27 | 3.5 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |

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Project: Lustdust
Report Date: September 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002088.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L28N 300E | Soil | 2.0 | 22.5 | 8.9 | 65 | 0.1 | 29.6 | 6.7 | 335 | 3.77 | 17.6 | 1.0 | 2.0 | 6 | 0.3 | 3.1 | 0.2 | 77 | 0.12 | 0.154 | 8 |
| L28N 250E | Soil | 2.1 | 19.3 | 11.9 | 167 | 0.1 | 23.9 | 6.8 | 478 | 3.56 | 25.6 | 0.8 | 0.4 | 6 | 0.8 | 9.7 | 0.2 | 86 | 0.13 | 0.111 | 9 |
| L28N 200E | Soil | 1.7 | 20.7 | 10.6 | 116 | 0.2 | 40.3 | 9.3 | 430 | 4.20 | 14.8 | 1.6 | 1.7 | 7 | 1.1 | 3.6 | 0.2 | 80 | 0.20 | 0.117 | 10 |
| L28N 150E | Soil | 2.1 | 20.8 | 8.1 | 73 | 0.1 | 30.7 | 6.9 | 471 | 3.91 | 11.1 | 1.6 | 1.3 | 6 | 0.3 | 2.0 | 0.2 | 80 | 0.11 | 0.142 | 10 |
| L28N 100E | Soil | 2.0 | 45.1 | 8.2 | 83 | 0.1 | 74.0 | 10.4 | 628 | 3.86 | 14.3 | 1.8 | 1.7 | 9 | 0.2 | 2.5 | 0.2 | 61 | 0.19 | 0.173 | 8 |
| L28N 50E | Soil | 1.3 | 18.5 | 8.5 | 69 | 0.2 | 27.8 | 5.8 | 295 | 2.83 | 13.0 | 1.6 | 0.7 | 8 | 0.6 | 2.7 | 0.2 | 62 | 0.30 | 0.060 | 11 |
| L28N 0W | Soil | 2.0 | 10.0 | 8.9 | 30 | 0.3 | 12.0 | 2.8 | 141 | 2.47 | 11.0 | <0.5 | 1.5 | 5 | 0.2 | 1.9 | 0.2 | 60 | 0.05 | 0.111 | 12 |
| L28N 50W | Soil | 1.7 | 27.9 | 8.3 | 72 | 0.4 | 27.3 | 7.1 | 934 | 2.90 | 14.1 | <0.5 | 0.8 | 8 | 0.4 | 2.5 | 0.2 | 54 | 0.14 | 0.156 | 11 |
| L28N 100W | Soil | 2.1 | 17.9 | 7.6 | 55 | <0.1 | 27.9 | 5.6 | 336 | 2.93 | 9.6 | 12.4 | 1.2 | 5 | 0.2 | 1.2 | 0.2 | 52 | 0.07 | 0.038 | 11 |
| L28N 150W | Soil | 2.5 | 24.2 | 6.9 | 71 | 0.3 | 30.0 | 6.5 | 364 | 2.40 | 8.7 | 1.6 | 0.5 | 11 | 0.3 | 1.1 | 0.2 | 42 | 0.15 | 0.036 | 12 |
| L28N 200W | Soil | 1.7 | 15.7 | 6.9 | 37 | 0.2 | 17.3 | 4.0 | 207 | 2.90 | 9.2 | 2.1 | 0.7 | 7 | 0.5 | 1.2 | 0.2 | 51 | 0.14 | 0.031 | 9 |
| L24N 2000W | Soil | 6.9 | 40.8 | 12.7 | 69 | 0.3 | 12.3 | 4.4 | 285 | 2.96 | 10.2 | 2.1 | 0.2 | 8 | 0.2 | 2.3 | 0.5 | 52 | 0.08 | 0.059 | 15 |
| L24N 2050W | Soil | 8.1 | 71.8 | 20.9 | 174 | 0.4 | 18.7 | 19.0 | 1224 | 4.35 | 14.8 | 1.6 | 0.5 | 59 | 0.5 | 1.8 | 0.5 | 50 | 0.53 | 0.109 | 16 |
| L24N 2100W | Soil | 5.5 | 40.9 | 29.5 | 187 | 0.8 | 23.7 | 9.0 | 589 | 6.92 | 20.5 | 2.4 | 2.6 | 11 | 1.6 | 3.9 | 0.4 | 119 | 0.52 | 0.428 | 15 |
| L24N 2150W | Soil | 6.4 | 53.4 | 13.6 | 118 | 0.6 | 26.0 | 9.2 | 576 | 3.79 | 16.4 | 2.6 | 0.4 | 8 | 0.6 | 3.8 | 0.4 | 42 | 0.09 | 0.143 | 18 |
| L24N 2200W | Soil | 5.7 | 40.5 | 10.3 | 80 | 0.3 | 13.4 | 9.7 | 904 | 3.06 | 9.0 | <0.5 | 0.4 | 7 | 0.5 | 1.9 | 0.4 | 50 | 0.09 | 0.119 | 14 |
| L24N 2250W | Soil | 6.3 | 37.7 | 12.7 | 80 | 0.3 | 14.8 | 5.3 | 249 | 4.53 | 9.9 | <0.5 | 0.5 | 6 | 0.5 | 1.6 | 0.4 | 52 | 0.07 | 0.072 | 13 |
| L24N 2300W | Soil | 4.0 | 44.3 | 10.4 | 128 | 0.3 | 23.5 | 10.5 | 1172 | 3.27 | 18.8 | 0.6 | 0.2 | 6 | 0.7 | 2.1 | 0.3 | 43 | 0.07 | 0.079 | 14 |
| L24N 2350W | Soil | 4.9 | 29.9 | 11.6 | 50 | 0.5 | 9.3 | 5.1 | 985 | 2.39 | 8.5 | <0.5 | <0.1 | 5 | 0.2 | 1.5 | 0.3 | 44 | 0.08 | 0.082 | 14 |
| L24N 2400W | Soil | 10.0 | 64.8 | 15.2 | 98 | 0.2 | 23.8 | 8.8 | 367 | 3.96 | 14.3 | <0.5 | 0.9 | 13 | 0.3 | 3.4 | 0.4 | 40 | 0.10 | 0.069 | 24 |
| L24N 2450W | Soil | 5.4 | 47.4 | 13.5 | 99 | 0.4 | 19.1 | 6.7 | 339 | 3.16 | 8.2 | <0.5 | 1.1 | 74 | 0.4 | 1.2 | 0.4 | 30 | 0.42 | 0.036 | 12 |
| L24N 2500W | Soil | 9.6 | 39.4 | 10.5 | 71 | 0.6 | 8.0 | 4.1 | 81 | 3.35 | 12.9 | 1.1 | 4.1 | 15 | <0.1 | 0.5 | 0.5 | 35 | 0.07 | 0.045 | 22 |
| L24N 2550W | Soil | 38.4 | 58.7 | 6.8 | 104 | 0.2 | 12.3 | 3.0 | 72 | 2.86 | 22.0 | <0.5 | 1.0 | 27 | 0.1 | 3.6 | 0.3 | 63 | 0.04 | 0.051 | 8 |
| L24N 2600W | Soil | 4.2 | 48.9 | 8.3 | 310 | 0.8 | 22.0 | 5.0 | 1072 | 2.22 | 3.3 | 0.8 | <0.1 | 45 | 1.0 | 0.4 | 0.3 | 39 | 0.33 | 0.067 | 12 |
| L24N 2650W | Soil | 4.0 | 23.6 | 9.9 | 48 | 0.1 | 9.0 | 4.7 | 266 | 3.18 | 7.0 | 1.2 | 0.9 | 5 | 0.4 | 0.9 | 0.3 | 95 | 0.17 | 0.046 | 9 |
| L24N 2700W | Soil | 4.3 | 33.8 | 9.8 | 113 | 0.1 | 21.3 | 7.0 | 348 | 3.55 | 7.2 | <0.5 | 1.4 | 8 | 0.3 | 0.8 | 0.3 | 63 | 0.19 | 0.055 | 13 |
| L24N 2750W | Soil | 3.8 | 30.7 | 8.1 | 54 | 0.1 | 13.2 | 5.2 | 314 | 2.65 | 6.2 | 1.2 | 0.2 | 8 | 0.5 | 0.8 | 0.3 | 50 | 0.17 | 0.058 | 12 |
| L24N 2800W | Soil | 3.4 | 24.0 | 9.8 | 51 | 0.2 | 13.2 | 4.1 | 277 | 3.21 | 7.4 | 1.4 | 0.7 | 8 | 0.3 | 0.9 | 0.3 | 71 | 0.11 | 0.079 | 15 |
| L24N 2850W | Soil | 2.5 | 25.9 | 8.4 | 57 | 0.2 | 16.0 | 5.7 | 360 | 4.03 | 5.9 | <0.5 | 0.4 | 5 | 0.2 | 0.7 | 0.2 | 55 | 0.15 | 0.063 | 11 |
| L24N 2900W | Soil | 3.3 | 31.6 | 9.7 | 73 | 0.3 | 17.9 | 6.5 | 325 | 2.95 | 5.9 | <0.5 | 0.4 | 19 | 0.3 | 0.8 | 0.3 | 49 | 0.30 | 0.039 | 12 |

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Report Date: September 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002088.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L28N 300E | Soil | 66 | 0.44 | 75 | 0.046 | <20 | 1.50 | 0.003 | 0.04 | <0.1 | 0.27 | 3.5 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L28N 250E | Soil | 53 | 0.37 | 283 | 0.033 | <20 | 1.59 | 0.003 | 0.04 | 0.1 | 3.09 | 3.2 | 0.1 | <0.05 | 8 | <0.5 | <0.2 |
| L28N 200E | Soil | 74 | 0.60 | 126 | 0.046 | <20 | 2.24 | 0.003 | 0.04 | <0.1 | 1.28 | 4.6 | <0.1 | <0.05 | 8 | <0.5 | <0.2 |
| L28N 150E | Soil | 74 | 0.52 | 65 | 0.059 | <20 | 1.94 | 0.003 | 0.03 | <0.1 | 0.55 | 3.9 | 0.1 | <0.05 | 8 | <0.5 | <0.2 |
| L28N 100E | Soil | 93 | 0.77 | 94 | 0.036 | <20 | 1.62 | 0.004 | 0.06 | <0.1 | 0.45 | 4.5 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L28N 50E | Soil | 55 | 0.48 | 148 | 0.034 | <20 | 1.80 | 0.003 | 0.03 | <0.1 | 1.96 | 3.4 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L28N 0W | Soil | 38 | 0.25 | 87 | 0.047 | <20 | 1.04 | 0.002 | 0.05 | 0.1 | 5.95 | 2.1 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L28N 50W | Soil | 50 | 0.42 | 162 | 0.041 | <20 | 1.26 | 0.003 | 0.07 | <0.1 | 0.23 | 2.9 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L28N 100W | Soil | 54 | 0.55 | 100 | 0.059 | <20 | 1.63 | 0.002 | 0.06 | <0.1 | 0.32 | 2.8 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L28N 150W | Soil | 46 | 0.62 | 215 | 0.037 | <20 | 1.37 | 0.003 | 0.07 | <0.1 | 0.84 | 2.4 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L28N 200W | Soil | 45 | 0.29 | 106 | 0.081 | <20 | 0.96 | 0.002 | 0.05 | <0.1 | 5.27 | 2.0 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L24N 2000W | Soil | 14 | 0.15 | 89 | 0.022 | <20 | 0.99 | 0.002 | 0.08 | <0.1 | 0.08 | 1.2 | 0.2 | <0.05 | 6 | 0.9 | <0.2 |
| L24N 2050W | Soil | 21 | 0.38 | 335 | 0.007 | <20 | 1.80 | 0.003 | 0.10 | <0.1 | 0.07 | 1.8 | 0.2 | <0.05 | 7 | 0.9 | <0.2 |
| L24N 2100W | Soil | 50 | 0.66 | 376 | 0.015 | <20 | 3.62 | 0.002 | 0.03 | <0.1 | 0.07 | 4.9 | 0.1 | <0.05 | 8 | 0.7 | <0.2 |
| L24N 2150W | Soil | 20 | 0.39 | 199 | 0.011 | <20 | 1.36 | 0.002 | 0.07 | <0.1 | 0.04 | 1.6 | 0.2 | <0.05 | 6 | 1.3 | <0.2 |
| L24N 2200W | Soil | 14 | 0.17 | 163 | 0.038 | <20 | 1.08 | 0.002 | 0.06 | <0.1 | 0.04 | 1.3 | 0.2 | 0.06 | 7 | <0.5 | <0.2 |
| L24N 2250W | Soil | 18 | 0.23 | 107 | 0.037 | <20 | 1.19 | <0.001 | 0.07 | <0.1 | 0.04 | 1.7 | 0.1 | <0.05 | 7 | 0.8 | <0.2 |
| L24N 2300W | Soil | 26 | 0.51 | 231 | 0.016 | <20 | 1.69 | 0.002 | 0.06 | <0.1 | 0.02 | 1.7 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L24N 2350W | Soil | 14 | 0.14 | 101 | 0.012 | <20 | 0.97 | 0.001 | 0.06 | <0.1 | 0.03 | 0.7 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L24N 2400W | Soil | 15 | 0.23 | 181 | 0.011 | <20 | 1.24 | 0.002 | 0.06 | <0.1 | <0.01 | 2.4 | 0.3 | <0.05 | 5 | 0.7 | <0.2 |
| L24N 2450W | Soil | 16 | 0.31 | 220 | 0.011 | <20 | 1.39 | 0.002 | 0.06 | <0.1 | 0.03 | 2.4 | 0.2 | <0.05 | 4 | 0.9 | <0.2 |
| L24N 2500W | Soil | 14 | 0.13 | 241 | 0.001 | <20 | 1.37 | 0.002 | 0.05 | <0.1 | 0.13 | 2.9 | 0.2 | <0.05 | 6 | 2.4 | 0.2 |
| L24N 2550W | Soil | 10 | 0.04 | 80 | 0.004 | <20 | 0.81 | <0.001 | 0.03 | <0.1 | <0.01 | 1.9 | 0.3 | <0.05 | 6 | 0.7 | <0.2 |
| L24N 2600W | Soil | 17 | 0.32 | 320 | 0.017 | <20 | 2.00 | 0.003 | 0.04 | <0.1 | 0.03 | 1.4 | 0.3 | <0.05 | 6 | 0.6 | <0.2 |
| L24N 2650W | Soil | 17 | 0.23 | 119 | 0.124 | <20 | 1.35 | 0.002 | 0.03 | <0.1 | 0.02 | 2.5 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| L24N 2700W | Soil | 26 | 0.60 | 228 | 0.050 | <20 | 2.00 | 0.003 | 0.07 | 0.1 | 0.05 | 3.4 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L24N 2750W | Soil | 16 | 0.26 | 132 | 0.031 | <20 | 1.34 | 0.002 | 0.07 | <0.1 | 0.05 | 1.4 | 0.2 | <0.05 | 6 | 0.7 | <0.2 |
| L24N 2800W | Soil | 19 | 0.32 | 145 | 0.070 | <20 | 1.32 | 0.003 | 0.06 | <0.1 | 0.04 | 1.7 | 0.1 | <0.05 | 7 | 0.7 | <0.2 |
| L24N 2850W | Soil | 23 | 0.49 | 86 | 0.044 | <20 | 1.83 | 0.003 | 0.05 | <0.1 | 0.06 | 2.3 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L24N 2900W | Soil | 19 | 0.46 | 289 | 0.059 | <20 | 1.52 | 0.003 | 0.09 | <0.1 | 0.04 | 2.2 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |

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Project: Lustdust
Report Date: September 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002088.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L24N 2950W | Soil | 3.8 | 39.5 | 8.5 | 86 | 0.3 | 19.5 | 7.5 | 421 | 3.11 | 4.7 | 1.2 | 0.1 | 9 | 0.3 | 0.6 | 0.2 | 45 | 0.11 | 0.053 | 12 |
| L24N 3000W | Soil | 2.2 | 29.6 | 9.0 | 54 | 0.5 | 11.5 | 4.8 | 311 | 3.44 | 5.5 | <0.5 | 0.5 | 5 | 0.5 | 0.9 | 0.2 | 74 | 0.52 | 0.072 | 7 |
| L14N 2000E | Soil | 0.8 | 18.9 | 4.8 | 36 | <0.1 | 25.4 | 7.3 | 266 | 2.23 | 2.8 | <0.5 | 0.8 | 16 | 0.1 | 0.2 | <0.1 | 72 | 0.24 | 0.030 | 5 |
| L14N 1950E | Soil | 1.2 | 15.3 | 12.5 | 38 | 0.1 | 29.4 | 6.4 | 192 | 2.27 | 4.3 | <0.5 | 1.1 | 14 | <0.1 | 0.5 | 0.2 | 64 | 0.29 | 0.019 | 8 |
| L14N 1900E | Soil | 0.8 | 13.1 | 8.2 | 26 | 0.1 | 13.4 | 2.5 | 99 | 1.22 | 2.4 | 0.9 | <0.1 | 10 | 0.2 | 0.3 | 0.1 | 33 | 0.11 | 0.038 | 9 |
| L14N 1850E | Soil | 2.5 | 29.4 | 8.3 | 66 | 0.2 | 41.9 | 9.7 | 490 | 2.72 | 7.8 | 0.9 | 0.8 | 20 | 0.2 | 0.9 | 0.2 | 47 | 0.30 | 0.044 | 12 |
| L14N 1800E | Soil | 1.9 | 42.3 | 9.9 | 86 | 0.1 | 36.1 | 11.3 | 766 | 2.72 | 14.4 | 5.2 | 2.4 | 17 | 0.3 | 2.2 | 0.2 | 36 | 0.33 | 0.067 | 17 |
| L14N 1750E | Soil | 1.9 | 37.2 | 7.6 | 72 | 0.1 | 33.1 | 8.4 | 452 | 2.41 | 11.3 | 5.5 | 1.7 | 14 | 0.3 | 2.2 | 0.2 | 31 | 0.23 | 0.069 | 14 |
| L14N 1700E | Soil | 2.3 | 26.3 | 6.2 | 64 | 0.2 | 26.3 | 6.7 | 365 | 1.98 | 5.9 | 2.5 | 1.0 | 10 | 0.4 | 1.2 | 0.2 | 29 | 0.16 | 0.055 | 13 |
| L14N 1650E | Soil | 2.1 | 35.5 | 7.6 | 60 | <0.1 | 30.9 | 8.9 | 548 | 1.96 | 10.2 | 4.9 | 1.1 | 14 | 0.3 | 1.8 | 0.2 | 26 | 0.30 | 0.062 | 12 |
| L14N 1600E | Soil | 4.2 | 82.5 | 25.2 | 330 | 0.6 | 35.8 | 12.5 | 859 | 3.02 | 188.6 | 7.8 | 1.0 | 29 | 1.9 | 11.3 | 0.9 | 41 | 0.52 | 0.083 | 15 |
| L14N 1550E | Soil | 3.4 | 51.9 | 22.6 | 324 | 0.7 | 31.8 | 13.1 | 958 | 2.92 | 176.2 | 6.8 | 0.2 | 19 | 2.9 | 8.7 | 0.8 | 41 | 0.33 | 0.076 | 13 |
| L14N 1500E | Soil | 3.4 | 46.1 | 20.1 | 226 | 0.4 | 26.2 | 13.3 | 900 | 2.83 | 140.4 | 3.4 | 0.2 | 26 | 3.1 | 8.0 | 0.8 | 37 | 0.46 | 0.113 | 11 |
| L14N 1450E | Soil | 3.6 | 61.4 | 21.0 | 315 | 0.4 | 31.5 | 12.4 | 797 | 2.91 | 151.9 | 5.4 | 1.2 | 14 | 1.4 | 10.0 | 0.8 | 38 | 0.27 | 0.075 | 14 |
| L14N 1400E | Soil | 1.2 | 41.5 | 8.5 | 66 | 0.1 | 29.0 | 6.3 | 233 | 1.54 | 4.4 | 4.0 | 1.9 | 12 | 0.3 | 2.2 | 0.2 | 25 | 0.25 | 0.047 | 11 |
| L14N 1350E | Soil | 3.4 | 24.3 | 9.5 | 77 | 0.3 | 26.8 | 8.4 | 629 | 2.87 | 24.1 | 1.0 | 0.7 | 22 | 0.3 | 1.7 | 0.3 | 39 | 0.82 | 0.071 | 9 |
| L14N 1300E | Soil | 2.5 | 48.4 | 9.9 | 89 | 0.4 | 43.9 | 10.1 | 609 | 2.48 | 22.2 | 4.2 | 1.1 | 15 | 0.5 | 2.9 | 0.3 | 36 | 0.43 | 0.069 | 12 |
| L14N 1250E | Soil | 1.6 | 23.5 | 7.2 | 56 | 0.3 | 18.3 | 5.5 | 198 | 1.90 | 17.6 | 0.8 | 0.3 | 17 | 0.2 | 1.9 | 0.3 | 31 | 0.52 | 0.050 | 8 |
| L14N 1200E | Soil | 1.7 | 38.5 | 8.5 | 72 | 0.3 | 32.2 | 11.9 | 452 | 2.21 | 27.5 | 4.2 | 0.5 | 16 | 0.5 | 2.3 | 0.2 | 33 | 0.46 | 0.050 | 10 |
| L14N 1150E | Soil | 2.2 | 22.6 | 8.9 | 64 | 0.3 | 22.0 | 5.7 | 255 | 3.16 | 17.4 | <0.5 | 1.7 | 5 | 0.2 | 2.0 | 0.2 | 54 | 0.05 | 0.066 | 10 |
| L14N 1100E | Soil | 2.2 | 33.2 | 7.0 | 75 | 0.5 | 27.8 | 7.6 | 300 | 3.77 | 14.9 | 0.5 | 1.2 | 5 | 0.4 | 1.6 | 0.1 | 60 | 0.08 | 0.105 | 6 |
| L14N 1050E | Soil | 2.7 | 28.8 | 10.1 | 81 | 0.4 | 22.1 | 6.2 | 381 | 4.10 | 20.4 | 2.4 | 1.6 | 6 | 0.2 | 2.4 | 0.2 | 84 | 0.10 | 0.241 | 9 |
| L14N 1000E | Soil | 1.9 | 15.7 | 9.2 | 44 | 0.2 | 14.8 | 4.3 | 297 | 1.87 | 13.2 | 2.3 | 1.9 | 7 | 0.2 | 1.9 | 0.3 | 42 | 0.09 | 0.063 | 13 |
| L14N 950E | Soil | 2.2 | 10.0 | 10.3 | 34 | 1.0 | 9.4 | 2.5 | 174 | 1.94 | 20.3 | 1.1 | 1.7 | 6 | 0.2 | 2.2 | 0.3 | 42 | 0.06 | 0.102 | 13 |
| L14N 900E | Soil | 3.3 | 37.5 | 15.2 | 98 | 0.5 | 26.8 | 10.5 | 536 | 2.91 | 48.0 | 9.1 | 2.4 | 5 | 0.4 | 6.5 | 0.5 | 37 | 0.07 | 0.067 | 13 |
| L14N 850E | Soil | 3.6 | 33.3 | 15.2 | 83 | 0.3 | 22.1 | 6.4 | 351 | 3.31 | 48.5 | 3.5 | 2.3 | 6 | 0.3 | 7.2 | 0.4 | 40 | 0.10 | 0.106 | 12 |
| L14N 800E | Soil | 3.2 | 29.9 | 14.8 | 60 | 0.1 | 23.5 | 5.0 | 337 | 4.06 | 53.4 | 0.8 | 1.8 | 6 | 0.1 | 4.8 | 0.5 | 71 | 0.08 | 0.216 | 11 |
| L14N 750E | Soil | 1.8 | 19.4 | 9.8 | 86 | 0.2 | 22.5 | 6.2 | 291 | 2.54 | 19.4 | 2.7 | 0.8 | 6 | 0.4 | 6.0 | 0.2 | 52 | 0.07 | 0.036 | 11 |
| L14N 700E | Soil | 2.2 | 42.5 | 12.5 | 88 | 0.1 | 55.3 | 9.7 | 367 | 3.83 | 30.5 | 8.1 | 1.6 | 8 | 0.8 | 4.8 | 0.3 | 51 | 0.16 | 0.054 | 12 |
| L14N 650E | Soil | 2.3 | 24.7 | 10.1 | 87 | 0.1 | 31.0 | 8.2 | 502 | 2.95 | 19.6 | 0.8 | 2.1 | 6 | 0.5 | 2.8 | 0.2 | 43 | 0.07 | 0.101 | 13 |

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# CERTIFICATE OF ANALYSIS VAN17002088.1

| | | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L24N 2950W | Soil | | 23 | 0.47 | 246 | 0.021 | <20 | 1.90 | 0.002 | 0.06 | <0.1 | 0.04 | 1.8 | 0.1 | <0.05 | 6 | 0.6 | <0.2 |
| L24N 3000W | Soil | | 16 | 0.33 | 105 | 0.136 | <20 | 1.57 | 0.004 | 0.06 | 0.2 | 0.05 | 2.3 | 0.1 | <0.05 | 9 | <0.5 | <0.2 |
| L14N 2000E | Soil | | 59 | 0.51 | 201 | 0.064 | <20 | 1.03 | 0.007 | 0.06 | <0.1 | 0.01 | 3.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L14N 1950E | Soil | | 78 | 0.48 | 252 | 0.046 | <20 | 1.23 | 0.005 | 0.06 | <0.1 | 0.09 | 3.2 | <0.1 | 0.06 | 5 | <0.5 | <0.2 |
| L14N 1900E | Soil | | 39 | 0.23 | 228 | 0.016 | <20 | 1.04 | 0.004 | 0.06 | <0.1 | 0.12 | 1.5 | <0.1 | <0.05 | 5 | 1.1 | <0.2 |
| L14N 1850E | Soil | | 70 | 0.63 | 466 | 0.017 | <20 | 1.61 | 0.004 | 0.09 | <0.1 | 0.14 | 3.6 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L14N 1800E | Soil | | 44 | 0.70 | 264 | 0.023 | <20 | 1.27 | 0.004 | 0.07 | <0.1 | 1.88 | 3.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L14N 1750E | Soil | | 37 | 0.60 | 178 | 0.025 | <20 | 1.01 | 0.004 | 0.07 | <0.1 | 0.34 | 3.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L14N 1700E | Soil | | 37 | 0.53 | 239 | 0.019 | <20 | 1.16 | 0.003 | 0.09 | <0.1 | 0.29 | 2.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L14N 1650E | Soil | | 34 | 0.38 | 130 | 0.029 | <20 | 0.69 | 0.003 | 0.05 | <0.1 | 0.91 | 2.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| L14N 1600E | Soil | | 36 | 0.67 | 169 | 0.028 | <20 | 1.18 | 0.005 | 0.07 | 0.3 | 0.37 | 3.7 | 0.2 | <0.05 | 4 | 1.4 | 0.2 |
| L14N 1550E | Soil | | 37 | 0.65 | 178 | 0.017 | <20 | 1.33 | 0.004 | 0.07 | 0.2 | 0.19 | 1.9 | 0.2 | <0.05 | 5 | 1.1 | <0.2 |
| L14N 1500E | Soil | | 32 | 0.56 | 201 | 0.014 | <20 | 1.12 | 0.004 | 0.08 | 0.2 | 0.16 | 1.4 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L14N 1450E | Soil | | 34 | 0.65 | 126 | 0.030 | <20 | 1.27 | 0.005 | 0.07 | 0.4 | 0.35 | 3.4 | 0.1 | <0.05 | 4 | 1.1 | <0.2 |
| L14N 1400E | Soil | | 33 | 0.46 | 108 | 0.044 | <20 | 0.74 | 0.004 | 0.06 | <0.1 | 0.45 | 3.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L14N 1350E | Soil | | 47 | 0.55 | 307 | 0.030 | <20 | 1.14 | 0.009 | 0.06 | 0.1 | 0.53 | 3.5 | <0.1 | 0.05 | 4 | 1.7 | <0.2 |
| L14N 1300E | Soil | | 56 | 0.54 | 160 | 0.033 | <20 | 1.33 | 0.004 | 0.07 | <0.1 | 1.58 | 3.5 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L14N 1250E | Soil | | 34 | 0.34 | 187 | 0.026 | <20 | 0.88 | 0.004 | 0.04 | <0.1 | 7.36 | 1.8 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L14N 1200E | Soil | | 64 | 0.43 | 159 | 0.027 | <20 | 1.00 | 0.004 | 0.05 | <0.1 | 0.60 | 2.7 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| L14N 1150E | Soil | | 44 | 0.44 | 89 | 0.041 | <20 | 1.57 | 0.003 | 0.04 | <0.1 | 0.41 | 3.2 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L14N 1100E | Soil | | 38 | 0.45 | 90 | 0.042 | <20 | 1.48 | 0.002 | 0.04 | <0.1 | 0.39 | 3.2 | 0.1 | <0.05 | 5 | 0.6 | <0.2 |
| L14N 1050E | Soil | | 40 | 0.35 | 63 | 0.080 | <20 | 1.24 | 0.004 | 0.04 | <0.1 | 1.03 | 3.2 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L14N 1000E | Soil | | 29 | 0.31 | 79 | 0.059 | <20 | 1.16 | 0.003 | 0.05 | <0.1 | 1.06 | 2.1 | 0.1 | <0.05 | 6 | 0.5 | <0.2 |
| L14N 950E | Soil | | 28 | 0.22 | 61 | 0.038 | <20 | 1.20 | 0.003 | 0.04 | <0.1 | 0.30 | 2.1 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L14N 900E | Soil | | 37 | 0.43 | 90 | 0.038 | <20 | 1.49 | 0.003 | 0.05 | <0.1 | 0.63 | 2.9 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L14N 850E | Soil | | 38 | 0.37 | 71 | 0.029 | <20 | 1.54 | 0.002 | 0.04 | 0.1 | 0.78 | 2.7 | 0.1 | <0.05 | 4 | 0.6 | <0.2 |
| L14N 800E | Soil | | 40 | 0.42 | 71 | 0.044 | <20 | 1.29 | 0.003 | 0.05 | 0.1 | 1.13 | 2.8 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L14N 750E | Soil | | 43 | 0.39 | 123 | 0.034 | <20 | 1.59 | 0.003 | 0.04 | <0.1 | 0.75 | 2.9 | 0.1 | <0.05 | 6 | 0.8 | <0.2 |
| L14N 700E | Soil | | 66 | 0.75 | 153 | 0.026 | <20 | 2.01 | 0.003 | 0.05 | <0.1 | 1.66 | 3.6 | 0.1 | <0.05 | 5 | 0.7 | <0.2 |
| L14N 650E | Soil | | 45 | 0.57 | 106 | 0.022 | <20 | 1.93 | 0.002 | 0.05 | <0.1 | 0.36 | 2.9 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |

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Project: Lustdust
Report Date: September 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002088.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L14N 600E | Soil | 1.8 | 23.2 | 9.1 | 94 | 0.2 | 29.6 | 7.4 | 317 | 2.70 | 18.3 | 1.0 | 1.9 | 6 | 0.3 | 2.4 | 0.2 | 42 | 0.10 | 0.040 | 14 |
| L14N 550E | Soil | 3.1 | 45.1 | 13.1 | 100 | 0.3 | 51.5 | 14.1 | 635 | 3.19 | 33.0 | 4.4 | 1.0 | 11 | 0.6 | 4.1 | 0.3 | 43 | 0.21 | 0.062 | 15 |
| L14N 500E | Soil | 2.7 | 27.6 | 10.7 | 86 | 0.6 | 31.2 | 8.2 | 470 | 2.47 | 20.7 | 5.2 | 0.4 | 18 | 0.3 | 3.0 | 0.3 | 34 | 0.34 | 0.061 | 15 |
| L14N 450E | Soil | 8.8 | 109.2 | 48.7 | 206 | 2.9 | 68.6 | 21.0 | 2981 | 4.40 | 130.4 | 11.1 | 0.3 | 60 | 2.8 | 7.1 | 0.8 | 57 | 0.84 | 0.168 | 42 |
| L14N 400E | Soil | 5.5 | 19.6 | 29.8 | 56 | 0.8 | 7.2 | 5.8 | 805 | 1.25 | 28.0 | <0.5 | 0.2 | 25 | 0.6 | 14.9 | 0.5 | 41 | 0.46 | 0.041 | 14 |
| L14N 350E | Soil | 7.7 | 44.0 | 46.2 | 106 | 0.8 | 14.2 | 9.3 | 3019 | 2.65 | 87.2 | <0.5 | 0.4 | 30 | 1.7 | 8.4 | 0.9 | 59 | 0.45 | 0.075 | 17 |
| L14N 300E | Soil | 3.7 | 29.6 | 16.9 | 73 | 0.5 | 15.8 | 5.4 | 305 | 3.13 | 91.6 | 2.6 | 0.7 | 10 | 0.3 | 6.4 | 1.1 | 86 | 0.18 | 0.052 | 10 |
| L14N 250E | Soil | 2.7 | 43.5 | 12.1 | 105 | 0.4 | 41.9 | 10.9 | 889 | 2.45 | 22.9 | 3.5 | 0.3 | 21 | 0.6 | 3.1 | 0.2 | 33 | 0.31 | 0.061 | 15 |
| L14N 200E | Soil | 3.6 | 26.0 | 13.8 | 82 | 3.0 | 19.6 | 5.2 | 443 | 2.01 | 34.1 | 4.0 | 0.6 | 6 | 0.3 | 2.8 | 0.4 | 36 | 0.07 | 0.077 | 12 |
| L14N 150E | Soil | 3.4 | 36.6 | 13.6 | 57 | 0.6 | 21.1 | 4.8 | 272 | 2.75 | 33.0 | 2.5 | 0.8 | 7 | 0.4 | 6.2 | 0.3 | 38 | 0.09 | 0.038 | 12 |
| L14N 100E | Soil | 4.2 | 35.0 | 16.2 | 90 | 1.3 | 20.5 | 5.4 | 294 | 3.73 | 83.0 | 3.4 | 2.2 | 6 | 0.4 | 6.5 | 0.6 | 50 | 0.10 | 0.094 | 12 |
| L14N 50E | Soil | 3.9 | 41.4 | 18.6 | 90 | 0.5 | 19.0 | 7.0 | 417 | 4.11 | 82.1 | 1.5 | 1.7 | 6 | 0.4 | 7.6 | 0.7 | 69 | 0.12 | 0.136 | 11 |
| L14N 000W | Soil | 3.4 | 26.7 | 16.2 | 68 | 0.9 | 21.9 | 5.4 | 339 | 2.53 | 43.1 | 5.3 | 0.4 | 9 | 0.5 | 5.0 | 0.3 | 32 | 0.14 | 0.046 | 12 |
| L20N 1850W | Soil | 30.0 | 84.2 | 31.1 | 85 | 0.8 | 26.2 | 6.6 | 286 | 4.42 | 64.4 | 3.7 | 0.8 | 26 | 0.8 | 7.8 | 0.9 | 73 | 0.03 | 0.069 | 17 |
| L20N 1900W | Soil | 17.3 | 135.4 | 40.4 | 123 | 0.8 | 54.4 | 13.4 | 517 | 5.03 | 35.2 | 8.2 | 1.9 | 14 | 0.3 | 17.6 | 0.9 | 107 | 0.08 | 0.113 | 12 |
| L20N 1950W | Soil | 4.2 | 30.1 | 14.5 | 74 | 0.3 | 19.0 | 5.9 | 300 | 4.22 | 15.0 | <0.5 | 0.6 | 7 | 0.3 | 2.9 | 0.4 | 70 | 0.06 | 0.080 | 17 |
| L20N 2000W | Soil | 10.9 | 37.4 | 21.7 | 69 | 0.7 | 12.1 | 3.8 | 438 | 4.08 | 22.5 | 2.3 | 0.6 | 5 | 0.1 | 8.2 | 0.5 | 50 | 0.03 | 0.159 | 19 |
| L20N 2050W | Soil | 12.8 | 17.0 | 18.7 | 58 | 0.2 | 7.2 | 1.4 | 58 | 1.79 | 7.1 | 0.7 | 1.8 | 8 | <0.1 | 1.2 | 0.5 | 41 | 0.01 | 0.063 | 47 |
| L20N 2100W | Soil | 10.8 | 35.1 | 18.4 | 55 | 0.4 | 10.4 | 3.5 | 353 | 3.81 | 11.0 | 1.2 | 0.3 | 6 | 0.2 | 1.9 | 0.5 | 53 | 0.03 | 0.110 | 20 |
| L20N 2150W | Soil | 20.2 | 105.2 | 17.1 | 173 | 0.3 | 28.7 | 9.6 | 271 | 4.31 | 9.7 | 1.8 | 0.3 | 6 | 0.3 | 1.9 | 0.6 | 61 | 0.02 | 0.130 | 19 |
| L20N 2200W | Soil | 7.9 | 36.4 | 16.7 | 51 | 0.3 | 9.6 | 2.9 | 93 | 2.23 | 6.0 | 2.0 | 0.2 | 9 | 0.2 | 0.9 | 0.5 | 47 | 0.03 | 0.069 | 22 |
| L20N 2250W | Soil | 3.1 | 45.5 | 9.8 | 67 | 0.2 | 13.7 | 5.8 | 574 | 4.91 | 7.8 | 0.6 | 0.9 | 3 | <0.1 | 0.8 | 0.3 | 66 | 0.02 | 0.084 | 11 |
| L20N 2300W | Soil | 6.8 | 51.7 | 14.3 | 59 | 0.1 | 11.6 | 8.6 | 880 | 3.44 | 10.0 | 0.6 | 0.2 | 8 | 0.2 | 1.2 | 0.4 | 39 | 0.03 | 0.096 | 19 |
| L20N 2350W | Soil | 3.9 | 24.3 | 8.3 | 31 | 0.4 | 7.8 | 2.4 | 161 | 2.39 | 4.8 | 1.4 | 0.1 | 3 | 0.1 | 0.7 | 0.3 | 43 | 0.05 | 0.037 | 15 |
| L20N 2400W | Soil | 10.5 | 65.5 | 20.4 | 77 | 1.0 | 20.5 | 6.9 | 509 | 4.13 | 10.4 | 4.0 | 0.4 | 9 | 0.3 | 2.7 | 0.3 | 32 | 0.03 | 0.088 | 16 |
| L20N 2450W | Soil | 16.8 | 63.2 | 17.4 | 82 | 0.3 | 20.0 | 4.8 | 270 | 4.36 | 10.5 | 2.1 | 1.0 | 12 | 0.3 | 2.5 | 0.4 | 33 | 0.02 | 0.080 | 16 |
| L20N 2500W | Soil | 15.9 | 69.3 | 17.2 | 69 | 0.5 | 16.8 | 4.1 | 207 | 5.17 | 14.1 | 2.0 | 0.5 | 9 | 0.3 | 2.7 | 0.6 | 67 | 0.01 | 0.084 | 12 |
| L20N 2550W | Soil | 34.6 | 73.1 | 12.2 | 133 | 0.7 | 23.1 | 7.4 | 606 | 5.88 | 13.1 | 2.7 | 0.9 | 7 | 0.5 | 1.4 | 0.3 | 83 | 0.02 | 0.089 | 7 |
| L20N 2600W | Soil | 5.4 | 30.1 | 10.7 | 45 | 0.3 | 10.1 | 4.6 | 482 | 2.79 | 5.8 | 1.1 | 0.2 | 6 | 0.4 | 0.9 | 0.3 | 46 | 0.13 | 0.056 | 14 |
| L20N 2650W | Soil | 3.2 | 33.3 | 9.1 | 51 | 0.3 | 13.1 | 5.4 | 315 | 3.52 | 7.0 | 1.3 | 0.1 | 5 | 0.4 | 0.9 | 0.2 | 54 | 0.22 | 0.053 | 10 |

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Project: Lustdust
Report Date: September 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002088.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L14N 600E | Soil | 42 | 0.65 | 142 | 0.027 | <20 | 1.65 | 0.003 | 0.06 | <0.1 | 0.81 | 3.0 | 0.1 | <0.05 | 5 | 0.6 | <0.2 |
| L14N 550E | Soil | 58 | 0.65 | 219 | 0.022 | <20 | 1.67 | 0.004 | 0.07 | <0.1 | 1.79 | 3.1 | 0.1 | <0.05 | 4 | 0.8 | <0.2 |
| L14N 500E | Soil | 41 | 0.61 | 283 | 0.019 | <20 | 1.21 | 0.004 | 0.09 | <0.1 | 0.66 | 2.1 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L14N 450E | Soil | 72 | 0.52 | 569 | 0.017 | <20 | 2.73 | 0.008 | 0.13 | <0.1 | 0.47 | 3.2 | 0.3 | 0.09 | 8 | 2.0 | <0.2 |
| L14N 400E | Soil | 16 | 0.19 | 318 | 0.037 | <20 | 1.09 | 0.004 | 0.07 | <0.1 | 0.09 | 1.5 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L14N 350E | Soil | 22 | 0.34 | 353 | 0.065 | <20 | 1.37 | 0.006 | 0.07 | 0.2 | 0.14 | 2.4 | 0.2 | <0.05 | 9 | 0.8 | <0.2 |
| L14N 300E | Soil | 32 | 0.48 | 214 | 0.096 | <20 | 1.42 | 0.005 | 0.08 | 0.2 | 0.24 | 3.2 | 0.2 | <0.05 | 9 | <0.5 | 0.3 |
| L14N 250E | Soil | 50 | 0.55 | 245 | 0.021 | <20 | 1.34 | 0.004 | 0.08 | <0.1 | 0.48 | 2.5 | 0.1 | <0.05 | 4 | 0.5 | <0.2 |
| L14N 200E | Soil | 41 | 0.31 | 161 | 0.024 | <20 | 1.23 | 0.002 | 0.06 | <0.1 | 0.15 | 2.2 | 0.1 | <0.05 | 5 | 0.6 | <0.2 |
| L14N 150E | Soil | 39 | 0.40 | 159 | 0.029 | <20 | 1.19 | 0.002 | 0.06 | <0.1 | 0.22 | 2.1 | 0.1 | <0.05 | 5 | 0.5 | <0.2 |
| L14N 100E | Soil | 33 | 0.49 | 91 | 0.033 | <20 | 1.68 | 0.003 | 0.05 | 0.1 | 0.34 | 3.2 | 0.2 | <0.05 | 6 | <0.5 | 0.2 |
| L14N 50E | Soil | 32 | 0.49 | 129 | 0.066 | <20 | 1.33 | 0.004 | 0.09 | <0.1 | 0.05 | 3.2 | 0.2 | <0.05 | 7 | 0.6 | <0.2 |
| L14N 000W | Soil | 33 | 0.45 | 178 | 0.021 | <20 | 1.06 | 0.003 | 0.08 | <0.1 | 0.18 | 1.5 | 0.1 | <0.05 | 4 | 0.7 | <0.2 |
| L20N 1850W | Soil | 38 | 0.73 | 194 | 0.022 | <20 | 2.70 | 0.009 | 0.18 | <0.1 | 0.06 | 4.0 | 0.8 | 0.11 | 9 | 2.9 | 0.3 |
| L20N 1900W | Soil | 45 | 1.06 | 460 | 0.060 | <20 | 3.08 | 0.004 | 0.33 | 0.1 | 0.04 | 5.1 | 0.6 | <0.05 | 10 | 1.5 | 0.3 |
| L20N 1950W | Soil | 29 | 0.39 | 96 | 0.056 | <20 | 1.74 | 0.003 | 0.06 | <0.1 | 0.04 | 2.2 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| L20N 2000W | Soil | 20 | 0.22 | 134 | 0.012 | <20 | 1.83 | 0.002 | 0.07 | <0.1 | 0.06 | 1.9 | 0.4 | <0.05 | 7 | 1.0 | <0.2 |
| L20N 2050W | Soil | 10 | 0.07 | 167 | 0.003 | <20 | 1.14 | 0.002 | 0.06 | <0.1 | <0.01 | 1.4 | 0.4 | <0.05 | 8 | <0.5 | <0.2 |
| L20N 2100W | Soil | 17 | 0.15 | 146 | 0.013 | <20 | 1.35 | 0.002 | 0.06 | <0.1 | 0.04 | 1.1 | 0.5 | 0.06 | 7 | 1.1 | <0.2 |
| L20N 2150W | Soil | 22 | 0.24 | 180 | 0.007 | <20 | 1.94 | 0.002 | 0.06 | <0.1 | 0.04 | 1.5 | 0.4 | <0.05 | 8 | 1.2 | 0.2 |
| L20N 2200W | Soil | 16 | 0.14 | 103 | 0.010 | <20 | 1.67 | 0.004 | 0.06 | <0.1 | 0.04 | 1.1 | 0.4 | 0.05 | 8 | 0.8 | <0.2 |
| L20N 2250W | Soil | 24 | 0.64 | 73 | 0.052 | <20 | 2.14 | 0.005 | 0.06 | 0.1 | 0.03 | 3.3 | 0.2 | <0.05 | 8 | 1.1 | <0.2 |
| L20N 2300W | Soil | 16 | 0.32 | 108 | 0.006 | <20 | 1.59 | 0.003 | 0.08 | <0.1 | 0.04 | 0.8 | 0.3 | 0.05 | 6 | 0.8 | 0.2 |
| L20N 2350W | Soil | 16 | 0.23 | 82 | 0.014 | <20 | 1.56 | 0.002 | 0.05 | <0.1 | 0.04 | 1.2 | 0.2 | <0.05 | 6 | 0.9 | <0.2 |
| L20N 2400W | Soil | 20 | 0.41 | 88 | 0.006 | <20 | 1.57 | 0.003 | 0.06 | <0.1 | 0.06 | 1.1 | 0.2 | 0.06 | 5 | 1.8 | <0.2 |
| L20N 2450W | Soil | 19 | 0.35 | 96 | 0.006 | <20 | 1.60 | 0.004 | 0.05 | <0.1 | 0.03 | 1.7 | 0.3 | 0.05 | 5 | 1.6 | <0.2 |
| L20N 2500W | Soil | 20 | 0.23 | 126 | 0.013 | <20 | 1.51 | 0.003 | 0.05 | <0.1 | 0.03 | 1.5 | 0.4 | <0.05 | 8 | 1.0 | 0.3 |
| L20N 2550W | Soil | 25 | 0.41 | 116 | 0.012 | <20 | 2.77 | 0.001 | 0.04 | <0.1 | 0.12 | 2.2 | 0.5 | <0.05 | 7 | 1.7 | <0.2 |
| L20N 2600W | Soil | 16 | 0.25 | 86 | 0.028 | <20 | 1.51 | 0.003 | 0.07 | <0.1 | 0.03 | 1.3 | 0.2 | <0.05 | 6 | 0.5 | <0.2 |
| L20N 2650W | Soil | 20 | 0.33 | 142 | 0.021 | <20 | 1.90 | 0.004 | 0.03 | <0.1 | 0.06 | 1.4 | 0.2 | <0.05 | 7 | 0.7 | <0.2 |

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# CERTIFICATE OF ANALYSIS VAN17002088.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L20N 2700W | Soil | 6.5 | 46.8 | 13.1 | 78 | 0.2 | 20.6 | 12.2 | 671 | 5.29 | 11.1 | 2.7 | 0.8 | 5 | 0.3 | 1.2 | 0.3 | 54 | 0.11 | 0.073 | 11 |
| L20N 2750W | Soil | 6.4 | 294.9 | 15.5 | 124 | 1.9 | 33.0 | 18.5 | 5616 | 3.01 | 12.7 | 4.7 | 0.6 | 114 | 2.0 | 1.6 | 0.4 | 26 | 1.45 | 0.301 | 30 |
| L20N 2800W | Soil | 14.8 | 73.4 | 16.8 | 97 | 0.4 | 25.6 | 16.8 | 534 | 3.05 | 8.8 | 2.1 | 1.5 | 5 | 0.7 | 0.7 | 0.6 | 47 | 0.02 | 0.115 | 13 |
| L20N 2850W | Soil | 5.7 | 32.9 | 7.6 | 46 | 0.3 | 13.3 | 8.1 | 432 | 3.65 | 6.1 | 0.9 | 0.1 | 4 | 0.2 | 0.5 | 0.3 | 63 | 0.09 | 0.074 | 10 |
| L20N 2900W | Soil | 8.3 | 98.3 | 21.0 | 122 | 0.1 | 25.6 | 15.2 | 1282 | 5.41 | 17.2 | 3.1 | 0.3 | 12 | 0.2 | 2.2 | 0.6 | 41 | 0.04 | 0.207 | 12 |
| L20N 2950W | Soil | 5.6 | 59.2 | 12.0 | 84 | 0.2 | 16.9 | 9.2 | 518 | 3.54 | 8.2 | 1.5 | 0.2 | 6 | 0.2 | 0.9 | 0.4 | 48 | 0.12 | 0.071 | 12 |
| L20N 3000W | Soil | 4.5 | 58.9 | 10.2 | 87 | 0.3 | 21.1 | 8.4 | 361 | 4.92 | 11.7 | 2.9 | 1.0 | 5 | 0.3 | 1.1 | 0.3 | 41 | 0.12 | 0.050 | 11 |
| L30N 1050E | Soil | 2.1 | 20.6 | 24.3 | 22 | <0.1 | 25.5 | 11.4 | 307 | 2.68 | 2.2 | 2.8 | 0.7 | 42 | 0.1 | 0.2 | 0.5 | 66 | 0.39 | 0.066 | 6 |
| L30N 1000E | Soil | 2.0 | 19.3 | 24.8 | 20 | <0.1 | 18.9 | 10.0 | 298 | 2.60 | 2.7 | 1.9 | 0.9 | 38 | 0.1 | 0.3 | 0.8 | 64 | 0.36 | 0.068 | 6 |
| L30N 950E | Soil | 1.0 | 19.9 | 8.1 | 40 | 0.3 | 35.2 | 11.1 | 364 | 3.54 | 3.5 | 5.5 | 0.5 | 17 | 0.2 | 0.3 | 0.2 | 87 | 0.24 | 0.093 | 4 |
| L30N 900E | Soil | 1.2 | 20.2 | 9.3 | 33 | <0.1 | 53.9 | 12.1 | 214 | 3.06 | 4.3 | 0.7 | 0.9 | 12 | 0.3 | 0.5 | 0.2 | 58 | 0.20 | 0.055 | 4 |
| L30N 850E | Soil | 1.3 | 12.1 | 6.2 | 26 | <0.1 | 22.9 | 6.0 | 403 | 3.01 | 3.4 | 2.2 | 0.5 | 10 | 0.1 | 0.3 | 0.1 | 82 | 0.15 | 0.048 | 4 |
| L30N 800E | Soil | 1.2 | 22.9 | 5.8 | 47 | <0.1 | 34.6 | 9.7 | 403 | 2.03 | 4.7 | 2.4 | 1.2 | 10 | <0.1 | 0.7 | 0.1 | 33 | 0.15 | 0.052 | 12 |
| L30N 750E | Soil | 1.7 | 31.5 | 6.6 | 65 | <0.1 | 46.0 | 9.5 | 466 | 2.40 | 6.6 | 3.1 | 0.9 | 11 | 0.1 | 0.9 | 0.2 | 33 | 0.16 | 0.058 | 12 |
| L30N 700E | Soil | 1.8 | 17.7 | 19.1 | 24 | <0.1 | 27.0 | 14.0 | 275 | 3.66 | 1.9 | 69.5 | 0.4 | 18 | 0.1 | 0.2 | 0.4 | 102 | 0.28 | 0.068 | 4 |
| L30N 650E | Soil | 1.6 | 20.9 | 23.7 | 33 | <0.1 | 32.6 | 15.8 | 375 | 3.90 | 2.2 | 1.7 | 0.6 | 27 | 0.2 | 0.2 | 0.4 | 119 | 0.34 | 0.079 | 6 |
| L30N 600E | Soil | 1.6 | 19.4 | 16.3 | 31 | <0.1 | 38.0 | 16.6 | 384 | 3.99 | 3.7 | 1.0 | 0.6 | 22 | 0.1 | 0.4 | 0.3 | 110 | 0.31 | 0.071 | 6 |
| L30N 550E | Soil | 2.5 | 26.7 | 23.6 | 25 | <0.1 | 30.7 | 11.8 | 278 | 3.87 | 3.4 | 2.9 | 0.6 | 44 | <0.1 | 0.3 | 0.4 | 102 | 0.44 | 0.079 | 7 |
| L30N 350E | Soil | 1.4 | 31.3 | 7.1 | 76 | 0.1 | 53.0 | 10.5 | 508 | 2.57 | 7.5 | 4.2 | 1.0 | 15 | 0.6 | 1.2 | 0.2 | 34 | 0.55 | 0.070 | 11 |
| L30N 300E | Soil | 2.0 | 46.9 | 9.7 | 100 | 0.4 | 83.8 | 11.3 | 360 | 3.37 | 15.3 | 3.3 | 0.6 | 13 | 0.6 | 3.5 | 0.2 | 53 | 0.28 | 0.091 | 11 |
| L30N 250E | Soil | 2.2 | 17.1 | 8.5 | 47 | 0.7 | 24.4 | 4.6 | 201 | 4.44 | 11.1 | 1.4 | 1.2 | 5 | 0.3 | 1.6 | 0.2 | 65 | 0.07 | 0.069 | 8 |
| L30N 200E | Soil | 1.5 | 20.1 | 8.4 | 69 | 0.2 | 37.7 | 6.9 | 328 | 3.59 | 16.0 | 2.7 | 1.0 | 7 | 0.5 | 3.2 | 0.1 | 69 | 0.15 | 0.124 | 7 |
| L30N 150E | Soil | 1.2 | 14.3 | 5.2 | 45 | <0.1 | 25.4 | 4.8 | 241 | 2.65 | 7.2 | 1.2 | 1.0 | 7 | 0.2 | 1.0 | 0.1 | 48 | 0.12 | 0.104 | 7 |
| L30N 100E | Soil | 2.5 | 38.8 | 10.5 | 112 | 0.2 | 58.5 | 10.2 | 417 | 4.14 | 12.9 | 3.8 | 2.5 | 6 | 0.5 | 1.7 | 0.2 | 71 | 0.08 | 0.092 | 10 |
| L30N 50E | Soil | 1.0 | 7.7 | 7.6 | 32 | <0.1 | 8.6 | 2.2 | 315 | 1.36 | 6.6 | 3.0 | 0.8 | 5 | 0.2 | 1.1 | 0.2 | 39 | 0.10 | 0.057 | 13 |
| L30N 0W | Soil | 1.2 | 37.7 | 8.4 | 86 | <0.1 | 52.8 | 10.3 | 613 | 2.16 | 29.5 | 5.5 | 1.9 | 28 | 0.9 | 18.4 | 0.1 | 31 | 3.34 | 0.091 | 14 |
| L30N 050W | Soil | 2.2 | 52.8 | 10.7 | 105 | 0.1 | 67.5 | 13.6 | 817 | 3.04 | 19.1 | 3.9 | 1.5 | 15 | 1.1 | 8.0 | 0.2 | 42 | 0.72 | 0.089 | 17 |
| L30N 100W | Soil | 1.7 | 14.3 | 8.2 | 44 | 0.4 | 19.5 | 4.4 | 389 | 2.75 | 15.6 | 1.3 | 0.5 | 6 | 0.2 | 1.3 | 0.2 | 58 | 0.10 | 0.112 | 10 |
| L30N 150W | Soil | 3.1 | 33.2 | 10.4 | 85 | 0.2 | 30.8 | 10.8 | 614 | 2.97 | 12.4 | 2.2 | 0.2 | 9 | 0.2 | 1.3 | 0.3 | 48 | 0.13 | 0.077 | 12 |
| L30N 200W | Soil | 2.2 | 25.3 | 7.4 | 56 | 0.2 | 29.5 | 5.8 | 278 | 2.79 | 7.9 | 2.2 | 0.4 | 8 | 0.4 | 1.1 | 0.2 | 42 | 0.10 | 0.038 | 11 |

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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Project: Lustdust
Report Date: September 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002088.1

| | | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L20N 2700W | Soil | | 34 | 0.39 | 158 | 0.019 | <20 | 2.25 | 0.002 | 0.05 | <0.1 | 0.14 | 3.0 | 0.2 | 0.06 | 7 | <0.5 | <0.2 |
| L20N 2750W | Soil | | 54 | 0.29 | 343 | 0.009 | <20 | 2.34 | 0.004 | 0.12 | <0.1 | 1.26 | 7.2 | 0.4 | 0.14 | 4 | 2.7 | <0.2 |
| L20N 2800W | Soil | | 26 | 0.27 | 465 | 0.003 | <20 | 2.14 | 0.001 | 0.05 | <0.1 | 0.09 | 2.2 | 0.4 | <0.05 | 8 | <0.5 | <0.2 |
| L20N 2850W | Soil | | 35 | 0.23 | 144 | 0.007 | <20 | 1.70 | 0.002 | 0.04 | <0.1 | 0.09 | 1.2 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L20N 2900W | Soil | | 16 | 0.24 | 140 | 0.008 | <20 | 1.31 | 0.003 | 0.07 | 0.1 | 0.05 | 1.1 | 0.2 | <0.05 | 7 | 0.5 | <0.2 |
| L20N 2950W | Soil | | 15 | 0.11 | 138 | 0.009 | <20 | 1.04 | 0.002 | 0.07 | <0.1 | 0.07 | 1.4 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L20N 3000W | Soil | | 20 | 0.34 | 78 | 0.031 | <20 | 1.76 | 0.003 | 0.04 | <0.1 | 0.06 | 3.4 | 0.1 | <0.05 | 5 | 0.7 | <0.2 |
| L30N 1050E | Soil | | 96 | 0.60 | 170 | 0.031 | <20 | 0.64 | 0.012 | 0.06 | 0.7 | 0.03 | 3.4 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| L30N 1000E | Soil | | 77 | 0.48 | 151 | 0.025 | <20 | 0.64 | 0.010 | 0.05 | 1.1 | 0.03 | 2.4 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| L30N 950E | Soil | | 113 | 0.54 | 82 | 0.060 | <20 | 0.92 | 0.009 | 0.04 | 0.2 | 0.03 | 2.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L30N 900E | Soil | | 122 | 0.60 | 83 | 0.050 | <20 | 1.00 | 0.007 | 0.04 | 0.2 | 0.05 | 2.5 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| L30N 850E | Soil | | 110 | 0.36 | 79 | 0.069 | <20 | 0.74 | 0.007 | 0.04 | 0.3 | 0.02 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L30N 800E | Soil | | 59 | 0.59 | 85 | 0.052 | <20 | 0.91 | 0.004 | 0.05 | <0.1 | 0.08 | 2.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L30N 750E | Soil | | 64 | 0.72 | 113 | 0.049 | <20 | 1.08 | 0.004 | 0.06 | <0.1 | 0.11 | 2.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L30N 700E | Soil | | 122 | 0.61 | 69 | 0.038 | <20 | 0.54 | 0.011 | 0.06 | 3.0 | 0.02 | 3.2 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| L30N 650E | Soil | | 132 | 0.71 | 159 | 0.046 | <20 | 0.74 | 0.012 | 0.06 | 0.5 | 0.03 | 4.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L30N 600E | Soil | | 126 | 0.60 | 95 | 0.047 | <20 | 0.64 | 0.010 | 0.06 | 0.9 | 0.08 | 3.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L30N 550E | Soil | | 118 | 0.67 | 243 | 0.036 | <20 | 0.72 | 0.012 | 0.05 | 0.8 | 0.12 | 3.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L30N 350E | Soil | | 75 | 0.72 | 205 | 0.022 | <20 | 1.25 | 0.004 | 0.07 | <0.1 | 0.68 | 3.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L30N 300E | Soil | | 99 | 0.74 | 247 | 0.027 | <20 | 1.74 | 0.005 | 0.06 | <0.1 | 11.86 | 3.6 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L30N 250E | Soil | | 88 | 0.38 | 58 | 0.067 | <20 | 1.47 | 0.003 | 0.03 | <0.1 | 11.77 | 2.6 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L30N 200E | Soil | | 88 | 0.47 | 56 | 0.074 | <20 | 1.24 | 0.004 | 0.03 | 0.1 | 2.53 | 2.7 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L30N 150E | Soil | | 63 | 0.34 | 95 | 0.059 | <20 | 1.05 | 0.003 | 0.04 | <0.1 | 0.74 | 2.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L30N 100E | Soil | | 78 | 0.81 | 174 | 0.028 | <20 | 2.59 | 0.003 | 0.05 | <0.1 | 1.94 | 4.3 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L30N 50E | Soil | | 29 | 0.18 | 91 | 0.041 | <20 | 0.95 | 0.002 | 0.05 | <0.1 | 1.13 | 1.4 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L30N 0W | Soil | | 51 | 0.57 | 85 | 0.056 | <20 | 0.72 | 0.004 | 0.06 | <0.1 | 39.55 | 3.2 | 0.1 | <0.05 | 2 | <0.5 | <0.2 |
| L30N 050W | Soil | | 62 | 0.77 | 152 | 0.048 | <20 | 1.37 | 0.004 | 0.08 | <0.1 | 3.29 | 3.9 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L30N 100W | Soil | | 55 | 0.36 | 58 | 0.052 | <20 | 1.16 | 0.003 | 0.03 | <0.1 | 0.31 | 1.8 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L30N 150W | Soil | | 56 | 0.56 | 273 | 0.026 | <20 | 1.63 | 0.003 | 0.08 | <0.1 | 0.62 | 2.0 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L30N 200W | Soil | | 49 | 0.58 | 186 | 0.041 | <20 | 1.50 | 0.002 | 0.05 | <0.1 | 0.22 | 2.0 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |

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Report Date: September 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002088.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L10N 2300W | Soil | 3.4 | 24.4 | 11.3 | 48 | 0.2 | 10.1 | 5.6 | 793 | 3.49 | 6.5 | 0.6 | 0.3 | 5 | 0.2 | 1.2 | 0.3 | 58 | 0.11 | 0.083 | 12 |
| L10N 2350W | Soil | 2.9 | 26.6 | 10.3 | 57 | 0.2 | 12.0 | 8.0 | 1239 | 3.29 | 5.4 | 0.9 | 0.3 | 6 | 0.3 | 1.0 | 0.3 | 62 | 0.15 | 0.126 | 11 |
| L10N 2400W | Soil | 4.6 | 68.9 | 17.5 | 96 | 0.1 | 25.0 | 11.9 | 1478 | 3.51 | 10.6 | 2.4 | 0.2 | 10 | 0.4 | 3.1 | 0.3 | 45 | 0.11 | 0.096 | 18 |
| L10N 2450W | Soil | 2.9 | 24.4 | 11.1 | 55 | 0.3 | 14.8 | 4.7 | 281 | 2.66 | 7.6 | 0.8 | 0.8 | 7 | 0.3 | 1.9 | 0.2 | 41 | 0.10 | 0.048 | 13 |
| L10N 2500W | Soil | 4.3 | 37.3 | 9.8 | 83 | 0.3 | 16.7 | 7.1 | 1132 | 3.24 | 6.6 | 2.6 | 0.1 | 17 | 0.4 | 1.6 | 0.2 | 42 | 0.26 | 0.081 | 11 |
| L10N 2550W | Soil | 4.4 | 53.2 | 12.1 | 85 | 0.3 | 22.9 | 7.4 | 401 | 4.55 | 10.6 | <0.5 | 2.5 | 5 | 0.2 | 1.7 | 0.3 | 47 | 0.09 | 0.172 | 12 |
| L10N 2600W | Soil | 3.7 | 34.1 | 11.3 | 71 | 0.1 | 17.3 | 5.7 | 347 | 3.97 | 14.8 | 0.6 | 1.2 | 5 | 0.2 | 2.4 | 0.3 | 52 | 0.08 | 0.132 | 13 |
| L10N 2650W | Soil | 4.3 | 32.4 | 11.9 | 56 | <0.1 | 11.9 | 4.4 | 330 | 2.74 | 6.2 | <0.5 | 0.8 | 6 | 0.1 | 1.3 | 0.3 | 59 | 0.09 | 0.086 | 16 |
| L10N 2700W | Soil | 4.3 | 35.0 | 9.6 | 74 | 0.3 | 16.0 | 5.8 | 484 | 3.75 | 6.4 | <0.5 | 0.9 | 11 | 0.2 | 1.4 | 0.3 | 55 | 0.16 | 0.111 | 12 |
| L10N 2750W | Soil | 3.9 | 36.9 | 11.6 | 74 | 0.4 | 16.7 | 6.1 | 313 | 5.06 | 10.2 | <0.5 | 0.4 | 7 | 0.7 | 1.7 | 0.3 | 67 | 0.13 | 0.142 | 11 |
| L10N 2800W | Soil | 4.2 | 50.9 | 13.4 | 104 | 0.3 | 24.8 | 14.0 | 998 | 4.37 | 11.9 | 1.2 | 0.3 | 28 | 0.5 | 1.9 | 0.3 | 39 | 0.32 | 0.102 | 12 |
| L10N 2850W | Soil | 5.1 | 46.3 | 12.1 | 107 | 0.3 | 25.6 | 14.3 | 1381 | 3.43 | 8.9 | 0.9 | 0.2 | 27 | 0.5 | 1.3 | 0.3 | 41 | 0.23 | 0.079 | 13 |
| L10N 2900W | Soil | 4.6 | 91.6 | 15.9 | 105 | 1.9 | 23.5 | 14.7 | 2212 | 3.29 | 13.0 | 4.1 | 0.3 | 46 | 0.8 | 2.1 | 0.3 | 37 | 0.43 | 0.151 | 19 |
| L10N 2950W | Soil | 3.7 | 32.4 | 10.6 | 80 | 0.2 | 16.4 | 8.4 | 980 | 3.56 | 6.9 | 0.5 | 0.1 | 19 | 0.4 | 1.1 | 0.3 | 51 | 0.18 | 0.082 | 13 |
| L10N 3000W | Soil | 4.0 | 54.2 | 13.7 | 93 | 0.1 | 18.7 | 14.1 | 1643 | 3.20 | 6.9 | 0.7 | 0.1 | 44 | 0.6 | 1.4 | 0.4 | 30 | 0.29 | 0.125 | 14 |
| L12 2300W | Soil | 6.5 | 85.3 | 19.2 | 158 | 1.4 | 23.1 | 8.6 | 1389 | 3.33 | 19.3 | 1.6 | 0.2 | 55 | 1.6 | 5.9 | 0.4 | 39 | 0.48 | 0.079 | 14 |
| L12 2350W | Soil | 6.4 | 37.6 | 18.4 | 75 | 0.4 | 16.4 | 5.5 | 325 | 3.99 | 17.4 | <0.5 | 0.7 | 11 | 0.4 | 6.6 | 0.5 | 57 | 0.15 | 0.065 | 13 |
| L12 2400W | Soil | 6.0 | 108.9 | 17.2 | 186 | 4.2 | 36.9 | 12.2 | 1721 | 2.94 | 11.5 | 2.3 | 0.3 | 57 | 1.4 | 4.2 | 0.3 | 29 | 0.65 | 0.147 | 18 |
| L12 2450W | Soil | 6.4 | 58.7 | 25.9 | 142 | 0.3 | 33.0 | 15.4 | 1103 | 4.28 | 15.9 | <0.5 | 0.3 | 33 | 0.5 | 6.6 | 0.4 | 44 | 0.39 | 0.129 | 13 |
| L12 2500W | Soil | 3.5 | 35.0 | 12.8 | 93 | 0.2 | 38.8 | 12.4 | 1344 | 4.26 | 8.7 | <0.5 | <0.1 | 14 | 0.5 | 2.9 | 0.2 | 70 | 0.17 | 0.098 | 11 |
| L12 2550W | Soil | 2.9 | 31.7 | 9.7 | 67 | 0.3 | 18.9 | 5.9 | 528 | 3.99 | 9.6 | <0.5 | 0.4 | 5 | 0.2 | 1.9 | 0.2 | 58 | 0.08 | 0.116 | 14 |
| L12 2600W | Soil | 2.9 | 34.9 | 8.2 | 65 | 0.7 | 18.9 | 7.0 | 585 | 4.47 | 7.3 | <0.5 | 0.4 | 5 | 0.2 | 1.0 | 0.2 | 64 | 0.09 | 0.116 | 14 |
| L12 2650W | Soil | 4.1 | 35.5 | 10.2 | 72 | 0.1 | 20.2 | 7.4 | 593 | 5.39 | 9.7 | 0.9 | 1.3 | 6 | 0.3 | 1.3 | 0.3 | 71 | 0.07 | 0.153 | 15 |
| L12 2700W | Soil | 3.6 | 32.0 | 8.8 | 89 | 0.4 | 21.1 | 11.4 | 1710 | 4.06 | 5.2 | <0.5 | 0.4 | 10 | 0.3 | 0.8 | 0.2 | 62 | 0.21 | 0.177 | 14 |
| L12 2750W | Soil | 3.2 | 29.1 | 8.4 | 69 | 0.3 | 17.6 | 7.9 | 895 | 4.69 | 5.6 | 0.6 | 0.3 | 15 | 0.2 | 0.9 | 0.2 | 77 | 0.20 | 0.200 | 15 |
| L12 2800W | Soil | 4.0 | 32.8 | 9.8 | 61 | <0.1 | 14.3 | 5.5 | 381 | 3.51 | 6.8 | <0.5 | 0.5 | 6 | 0.1 | 1.1 | 0.4 | 59 | 0.08 | 0.085 | 18 |
| L12 2850W | Soil | 3.0 | 27.7 | 8.8 | 57 | 0.2 | 15.3 | 4.9 | 299 | 2.80 | 5.4 | <0.5 | 0.2 | 6 | 0.3 | 0.8 | 0.3 | 46 | 0.08 | 0.061 | 16 |
| L12 2900W | Soil | 4.6 | 52.0 | 12.0 | 95 | 0.2 | 24.1 | 11.3 | 1289 | 4.47 | 10.3 | <0.5 | 0.4 | 7 | 0.1 | 1.3 | 0.4 | 57 | 0.10 | 0.101 | 17 |
| L12 2950W | Soil | 3.8 | 44.1 | 10.7 | 96 | 0.2 | 22.8 | 10.6 | 1015 | 4.30 | 9.0 | 1.5 | 0.5 | 8 | 0.3 | 1.2 | 0.3 | 60 | 0.09 | 0.141 | 16 |
| L12 3000W | Soil | 3.5 | 29.2 | 11.4 | 53 | 0.2 | 12.8 | 5.5 | 302 | 3.72 | 6.2 | <0.5 | 0.8 | 7 | 0.2 | 0.9 | 0.3 | 81 | 0.11 | 0.119 | 14 |

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Project: Lustdust
Report Date: September 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002088.1

| | | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L10N 2300W | Soil | | 18 | 0.25 | 91 | 0.071 | <20 | 1.35 | 0.002 | 0.05 | <0.1 | 0.07 | 1.5 | 0.2 | 0.05 | 7 | <0.5 | <0.2 |
| L10N 2350W | Soil | | 22 | 0.28 | 86 | 0.081 | <20 | 1.26 | 0.002 | 0.07 | <0.1 | 0.06 | 1.5 | 0.1 | 0.05 | 7 | <0.5 | <0.2 |
| L10N 2400W | Soil | | 30 | 0.41 | 192 | 0.015 | <20 | 1.61 | 0.002 | 0.07 | <0.1 | 0.09 | 1.5 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L10N 2450W | Soil | | 21 | 0.30 | 204 | 0.034 | <20 | 1.30 | 0.002 | 0.06 | <0.1 | 0.03 | 2.0 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L10N 2500W | Soil | | 17 | 0.32 | 260 | 0.024 | <20 | 1.09 | 0.002 | 0.09 | <0.1 | 0.03 | 0.9 | 0.1 | <0.05 | 5 | 0.6 | <0.2 |
| L10N 2550W | Soil | | 21 | 0.49 | 103 | 0.029 | <20 | 1.69 | 0.002 | 0.06 | <0.1 | 0.06 | 3.0 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L10N 2600W | Soil | | 21 | 0.35 | 116 | 0.050 | <20 | 1.48 | 0.002 | 0.05 | 0.1 | 0.05 | 2.5 | 0.1 | <0.05 | 6 | 0.8 | <0.2 |
| L10N 2650W | Soil | | 12 | 0.15 | 95 | 0.080 | <20 | 1.01 | 0.002 | 0.06 | <0.1 | 0.02 | 1.6 | 0.2 | <0.05 | 7 | 0.8 | <0.2 |
| L10N 2700W | Soil | | 18 | 0.31 | 149 | 0.071 | <20 | 1.33 | 0.002 | 0.07 | <0.1 | 0.04 | 2.1 | 0.1 | 0.05 | 7 | <0.5 | <0.2 |
| L10N 2750W | Soil | | 22 | 0.33 | 112 | 0.072 | <20 | 1.42 | 0.003 | 0.06 | <0.1 | 0.05 | 1.8 | 0.1 | 0.06 | 7 | 0.7 | <0.2 |
| L10N 2800W | Soil | | 24 | 0.44 | 382 | 0.026 | <20 | 1.62 | 0.002 | 0.11 | <0.1 | 0.05 | 2.0 | 0.1 | 0.06 | 6 | 1.0 | <0.2 |
| L10N 2850W | Soil | | 22 | 0.51 | 347 | 0.015 | <20 | 1.61 | 0.002 | 0.08 | <0.1 | 0.06 | 1.3 | 0.2 | 0.06 | 6 | <0.5 | <0.2 |
| L10N 2900W | Soil | | 29 | 0.53 | 246 | 0.009 | <20 | 1.76 | 0.003 | 0.08 | <0.1 | 0.25 | 3.0 | 0.3 | 0.09 | 5 | 1.2 | <0.2 |
| L10N 2950W | Soil | | 21 | 0.30 | 226 | 0.040 | <20 | 1.45 | 0.002 | 0.08 | <0.1 | 0.05 | 1.2 | 0.1 | 0.07 | 7 | <0.5 | <0.2 |
| L10N 3000W | Soil | | 15 | 0.18 | 363 | 0.015 | <20 | 0.87 | 0.003 | 0.10 | <0.1 | 0.04 | 0.8 | 0.2 | 0.07 | 4 | <0.5 | <0.2 |
| L12 2300W | Soil | | 20 | 0.25 | 336 | 0.013 | <20 | 1.37 | 0.003 | 0.07 | <0.1 | 0.09 | 1.3 | 0.3 | 0.05 | 6 | 0.8 | <0.2 |
| L12 2350W | Soil | | 23 | 0.27 | 285 | 0.029 | <20 | 1.38 | 0.002 | 0.06 | <0.1 | 0.03 | 2.3 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L12 2400W | Soil | | 28 | 0.41 | 252 | 0.007 | <20 | 1.83 | 0.004 | 0.07 | <0.1 | 0.27 | 1.9 | 0.4 | 0.08 | 4 | 2.5 | <0.2 |
| L12 2450W | Soil | | 33 | 0.54 | 349 | 0.009 | <20 | 1.64 | 0.002 | 0.08 | <0.1 | 0.03 | 1.3 | 0.2 | 0.05 | 6 | <0.5 | <0.2 |
| L12 2500W | Soil | | 76 | 0.69 | 336 | 0.016 | <20 | 1.52 | 0.002 | 0.09 | <0.1 | 0.04 | 1.0 | <0.1 | 0.06 | 7 | <0.5 | <0.2 |
| L12 2550W | Soil | | 27 | 0.39 | 79 | 0.055 | <20 | 1.42 | 0.002 | 0.06 | <0.1 | 0.06 | 2.0 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L12 2600W | Soil | | 25 | 0.50 | 86 | 0.094 | <20 | 1.70 | 0.002 | 0.05 | <0.1 | 0.05 | 2.0 | 0.1 | <0.05 | 7 | 0.6 | <0.2 |
| L12 2650W | Soil | | 26 | 0.48 | 84 | 0.144 | <20 | 1.56 | 0.002 | 0.06 | <0.1 | 0.03 | 2.7 | 0.1 | <0.05 | 8 | 0.5 | <0.2 |
| L12 2700W | Soil | | 28 | 0.52 | 282 | 0.055 | <20 | 1.59 | 0.003 | 0.11 | <0.1 | 0.05 | 2.2 | 0.1 | 0.05 | 7 | <0.5 | <0.2 |
| L12 2750W | Soil | | 26 | 0.49 | 128 | 0.115 | <20 | 1.63 | 0.003 | 0.08 | <0.1 | 0.04 | 2.1 | 0.1 | <0.05 | 8 | <0.5 | <0.2 |
| L12 2800W | Soil | | 21 | 0.23 | 87 | 0.085 | <20 | 1.22 | 0.003 | 0.06 | <0.1 | 0.03 | 1.7 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| L12 2850W | Soil | | 20 | 0.35 | 80 | 0.038 | <20 | 1.53 | 0.002 | 0.06 | <0.1 | 0.04 | 1.1 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L12 2900W | Soil | | 24 | 0.53 | 150 | 0.056 | <20 | 1.57 | 0.002 | 0.06 | <0.1 | 0.02 | 1.9 | 0.2 | <0.05 | 7 | 0.5 | <0.2 |
| L12 2950W | Soil | | 24 | 0.49 | 176 | 0.056 | <20 | 1.52 | 0.003 | 0.07 | <0.1 | 0.04 | 2.3 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L12 3000W | Soil | | 19 | 0.28 | 136 | 0.126 | <20 | 1.42 | 0.002 | 0.06 | <0.1 | 0.03 | 2.3 | 0.2 | <0.05 | 9 | <0.5 | <0.2 |

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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Project: Lustdust
Report Date: September 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002088.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L4N 2600W | Soil | 1.5 | 60.4 | 5.5 | 65 | 0.3 | 26.6 | 16.6 | 841 | 7.64 | 4.1 | 0.6 | 1.0 | 6 | 0.5 | 0.6 | 0.2 | 148 | 0.34 | 0.128 | 5 |
| L4N 2650W | Soil | 3.5 | 59.5 | 9.3 | 74 | 0.3 | 22.4 | 12.4 | 698 | 4.93 | 6.8 | 0.8 | 0.3 | 8 | 0.4 | 1.0 | 0.3 | 78 | 0.16 | 0.083 | 12 |
| L4N 2700W | Soil | 3.5 | 55.3 | 10.5 | 74 | 0.5 | 21.4 | 9.2 | 437 | 4.40 | 8.2 | 2.4 | 0.4 | 6 | 0.5 | 3.0 | 0.3 | 66 | 0.11 | 0.059 | 12 |
| L4N 2750W | Soil | 4.9 | 48.0 | 11.6 | 57 | 0.3 | 16.0 | 5.0 | 306 | 3.91 | 9.5 | 1.2 | 0.1 | 7 | 0.4 | 1.3 | 0.4 | 54 | 0.06 | 0.115 | 13 |
| L4N 2800W | Soil | 4.3 | 54.9 | 12.0 | 63 | <0.1 | 16.4 | 6.4 | 584 | 4.38 | 7.8 | 1.5 | 0.2 | 5 | 0.2 | 1.1 | 0.4 | 55 | 0.07 | 0.099 | 13 |
| L4N 2850W | Soil | 3.3 | 35.6 | 11.8 | 55 | 0.1 | 12.9 | 6.2 | 619 | 4.40 | 7.4 | 1.1 | 0.4 | 6 | 0.3 | 1.2 | 0.3 | 69 | 0.32 | 0.143 | 12 |
| L4N 2900W | Soil | 3.1 | 45.5 | 9.6 | 68 | 0.3 | 15.6 | 7.7 | 632 | 3.11 | 6.8 | 1.1 | 0.2 | 8 | 0.4 | 1.2 | 0.3 | 50 | 0.37 | 0.106 | 12 |
| L4N 2950W | Soil | 3.1 | 36.1 | 9.8 | 48 | 0.1 | 11.7 | 4.7 | 329 | 3.31 | 5.6 | 0.6 | 0.1 | 7 | 0.4 | 1.0 | 0.2 | 66 | 0.36 | 0.139 | 9 |
| L4N 3000W | Soil | 3.0 | 29.6 | 7.8 | 53 | 0.1 | 12.5 | 4.6 | 265 | 3.25 | 6.1 | 0.9 | 0.4 | 5 | 0.3 | 0.9 | 0.2 | 48 | 0.18 | 0.081 | 11 |

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Project: Lustdust
Report Date: September 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002088.1

| | | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L4N 2600W | Soil | | 83 | 0.73 | 104 | 0.306 | <20 | 2.78 | 0.006 | 0.04 | <0.1 | 0.07 | 7.6 | 0.1 | 0.06 | 9 | 0.6 | <0.2 |
| L4N 2650W | Soil | | 41 | 0.48 | 85 | 0.081 | <20 | 2.08 | 0.004 | 0.05 | <0.1 | 0.06 | 3.1 | 0.1 | 0.07 | 7 | 0.5 | <0.2 |
| L4N 2700W | Soil | | 39 | 0.47 | 79 | 0.032 | <20 | 2.24 | 0.005 | 0.04 | <0.1 | 0.07 | 3.0 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L4N 2750W | Soil | | 18 | 0.21 | 83 | 0.009 | <20 | 1.19 | 0.002 | 0.04 | <0.1 | 0.11 | 0.8 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L4N 2800W | Soil | | 18 | 0.30 | 85 | 0.012 | <20 | 1.69 | 0.003 | 0.05 | <0.1 | 0.05 | 1.2 | 0.2 | <0.05 | 7 | 0.9 | <0.2 |
| L4N 2850W | Soil | | 20 | 0.33 | 94 | 0.072 | <20 | 1.61 | 0.005 | 0.06 | 0.1 | 0.05 | 1.9 | 0.1 | <0.05 | 9 | 0.6 | <0.2 |
| L4N 2900W | Soil | | 18 | 0.32 | 98 | 0.040 | <20 | 1.50 | 0.005 | 0.07 | <0.1 | 0.05 | 1.2 | 0.1 | 0.05 | 6 | 0.7 | <0.2 |
| L4N 2950W | Soil | | 18 | 0.29 | 89 | 0.038 | <20 | 1.70 | 0.004 | 0.04 | <0.1 | 0.07 | 1.4 | 0.1 | 0.06 | 7 | 0.7 | <0.2 |
| L4N 3000W | Soil | | 17 | 0.31 | 72 | 0.038 | <20 | 1.56 | 0.004 | 0.04 | <0.1 | 0.05 | 1.6 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |

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Project: Lustdust
Report Date: September 26, 2017



# QUALITY CONTROL REPORT VAN17002088.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | | | | | | | | | | | | | | | | | | | | | |
| L28N 1000E | Soil | 1.5 | 19.6 | 6.0 | 54 | <0.1 | 35.5 | 9.4 | 501 | 2.17 | 5.2 | 5.4 | 0.9 | 12 | 0.3 | 0.6 | 0.1 | 35 | 0.18 | 0.049 | 10 |
| REP L28N 1000E | QC | 1.3 | 20.4 | 6.2 | 55 | <0.1 | 37.1 | 10.6 | 509 | 2.24 | 5.0 | 3.4 | 1.0 | 11 | 0.3 | 0.6 | 0.1 | 35 | 0.18 | 0.045 | 11 |
| L24N 2650W | Soil | 4.0 | 23.6 | 9.9 | 48 | 0.1 | 9.0 | 4.7 | 266 | 3.18 | 7.0 | 1.2 | 0.9 | 5 | 0.4 | 0.9 | 0.3 | 95 | 0.17 | 0.046 | 9 |
| REP L24N 2650W | QC | 4.2 | 22.7 | 9.8 | 48 | 0.1 | 9.6 | 4.5 | 273 | 3.32 | 6.4 | <0.5 | 0.9 | 5 | 0.7 | 0.9 | 0.3 | 97 | 0.18 | 0.050 | 10 |
| L14N 600E | Soil | 1.8 | 23.2 | 9.1 | 94 | 0.2 | 29.6 | 7.4 | 317 | 2.70 | 18.3 | 1.0 | 1.9 | 6 | 0.3 | 2.4 | 0.2 | 42 | 0.10 | 0.040 | 14 |
| REP L14N 600E | QC | 2.1 | 24.5 | 9.4 | 100 | 0.2 | 31.2 | 7.6 | 321 | 2.85 | 19.0 | 2.0 | 2.0 | 7 | 0.2 | 2.5 | 0.2 | 45 | 0.11 | 0.042 | 15 |
| L20N 3000W | Soil | 4.5 | 58.9 | 10.2 | 87 | 0.3 | 21.1 | 8.4 | 361 | 4.92 | 11.7 | 2.9 | 1.0 | 5 | 0.3 | 1.1 | 0.3 | 41 | 0.12 | 0.050 | 11 |
| REP L20N 3000W | QC | 4.6 | 60.9 | 10.4 | 87 | 0.3 | 22.4 | 8.7 | 371 | 4.91 | 12.6 | 3.2 | 0.9 | 5 | 0.3 | 1.2 | 0.3 | 43 | 0.12 | 0.053 | 12 |
| L10N 2900W | Soil | 4.6 | 91.6 | 15.9 | 105 | 1.9 | 23.5 | 14.7 | 2212 | 3.29 | 13.0 | 4.1 | 0.3 | 46 | 0.8 | 2.1 | 0.3 | 37 | 0.43 | 0.151 | 19 |
| REP L10N 2900W | QC | 4.7 | 90.6 | 15.7 | 105 | 1.9 | 23.3 | 14.5 | 2199 | 3.22 | 13.2 | 4.0 | 0.4 | 46 | 0.9 | 1.9 | 0.3 | 36 | 0.43 | 0.146 | 19 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS11 | Standard | 12.5 | 148.5 | 130.8 | 329 | 1.7 | 73.6 | 13.4 | 992 | 2.97 | 41.4 | 84.4 | 7.0 | 62 | 2.3 | 7.8 | 11.9 | 49 | 1.03 | 0.065 | 16 |
| STD DS11 | Standard | 14.3 | 152.0 | 136.0 | 362 | 1.8 | 79.3 | 13.6 | 1074 | 3.26 | 46.8 | 57.0 | 7.8 | 73 | 2.4 | 8.6 | 12.8 | 50 | 1.05 | 0.074 | 19 |
| STD DS11 | Standard | 12.2 | 146.1 | 133.6 | 332 | 2.0 | 75.7 | 13.3 | 1006 | 3.01 | 43.3 | 61.5 | 7.6 | 67 | 2.3 | 8.6 | 12.2 | 49 | 1.07 | 0.075 | 17 |
| STD DS11 | Standard | 12.8 | 148.5 | 136.4 | 342 | 1.9 | 78.8 | 12.9 | 1017 | 3.10 | 43.0 | 435.9 | 7.6 | 65 | 2.3 | 8.0 | 12.6 | 49 | 1.00 | 0.075 | 17 |
| STD DS11 | Standard | 13.7 | 159.6 | 147.4 | 348 | 1.6 | 81.7 | 14.1 | 1057 | 3.17 | 43.3 | 81.6 | 7.8 | 71 | 2.4 | 8.6 | 12.2 | 50 | 1.04 | 0.072 | 19 |
| STD DS11 | Standard | 12.9 | 147.9 | 134.4 | 342 | 1.8 | 76.3 | 13.2 | 1018 | 3.04 | 42.6 | 53.2 | 7.1 | 68 | 2.3 | 8.8 | 12.6 | 47 | 0.99 | 0.070 | 17 |
| STD OREAS45EA | Standard | 1.7 | 655.5 | 13.5 | 28 | 0.3 | 341.4 | 50.1 | 405 | 22.69 | 11.4 | 49.1 | 9.9 | 4 | <0.1 | 0.5 | 0.3 | 256 | 0.03 | 0.028 | 7 |
| STD OREAS45EA | Standard | 1.5 | 690.3 | 14.3 | 32 | 0.3 | 364.3 | 51.9 | 412 | 24.49 | 12.6 | 56.3 | 9.9 | 4 | <0.1 | 0.4 | 0.3 | 302 | 0.03 | 0.028 | 8 |
| STD OREAS45EA | Standard | 1.9 | 653.7 | 13.4 | 28 | 0.2 | 337.7 | 50.1 | 404 | 22.49 | 10.7 | 53.0 | 10.4 | 4 | <0.1 | 0.4 | 0.2 | 256 | 0.04 | 0.030 | 7 |
| STD OREAS45EA | Standard | 1.6 | 637.6 | 13.6 | 28 | 0.3 | 341.0 | 48.5 | 412 | 22.01 | 10.0 | 47.1 | 9.9 | 4 | <0.1 | 0.4 | 0.3 | 270 | 0.04 | 0.025 | 7 |
| STD OREAS45EA | Standard | 1.3 | 633.0 | 14.0 | 30 | 0.2 | 352.7 | 49.9 | 392 | 23.55 | 11.1 | 50.7 | 9.9 | 4 | <0.1 | 0.4 | 0.3 | 264 | 0.03 | 0.029 | 7 |
| STD OREAS45EA | Standard | 1.5 | 618.5 | 13.7 | 28 | 0.2 | 345.3 | 48.4 | 389 | 22.90 | 10.0 | 49.2 | 9.7 | 4 | <0.1 | 0.3 | 0.3 | 246 | 0.03 | 0.029 | 7 |
| STD OREAS45EA Expected | | 1.6 | 709 | 14.3 | 31.4 | 0.26 | 381 | 52 | 400 | 23.51 | 10.3 | 53 | 10.7 | 3.5 | 0.03 | 0.32 | 0.26 | 303 | 0.036 | 0.029 | 7.06 |
| STD DS11 Expected | | 13.9 | 156 | 138 | 345 | 1.71 | 81.9 | 14.2 | 1055 | 3.2082 | 42.8 | 79 | 7.65 | 67.3 | 2.37 | 7.2 | 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 |

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# QUALITY CONTROL REPORT VAN17002088.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | |
| L28N 1000E | Soil | 64 | 0.70 | 111 | 0.048 | <20 | 1.03 | 0.004 | 0.06 | <0.1 | 0.14 | 2.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP L28N 1000E | QC | 61 | 0.66 | 112 | 0.048 | <20 | 1.02 | 0.004 | 0.06 | 0.1 | 0.09 | 2.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L24N 2650W | Soil | 17 | 0.23 | 119 | 0.124 | <20 | 1.35 | 0.002 | 0.03 | <0.1 | 0.02 | 2.5 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| REP L24N 2650W | QC | 18 | 0.26 | 118 | 0.131 | <20 | 1.51 | 0.002 | 0.03 | <0.1 | 0.02 | 2.9 | 0.2 | <0.05 | 10 | 0.6 | <0.2 |
| L14N 600E | Soil | 42 | 0.65 | 142 | 0.027 | <20 | 1.65 | 0.003 | 0.06 | <0.1 | 0.81 | 3.0 | 0.1 | <0.05 | 5 | 0.6 | <0.2 |
| REP L14N 600E | QC | 45 | 0.67 | 146 | 0.029 | <20 | 1.76 | 0.003 | 0.06 | <0.1 | 0.48 | 3.2 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L20N 3000W | Soil | 20 | 0.34 | 78 | 0.031 | <20 | 1.76 | 0.003 | 0.04 | <0.1 | 0.06 | 3.4 | 0.1 | <0.05 | 5 | 0.7 | <0.2 |
| REP L20N 3000W | QC | 21 | 0.34 | 82 | 0.033 | <20 | 1.80 | 0.003 | 0.04 | <0.1 | 0.05 | 3.7 | 0.1 | <0.05 | 5 | 0.7 | <0.2 |
| L10N 2900W | Soil | 29 | 0.53 | 246 | 0.009 | <20 | 1.76 | 0.003 | 0.08 | <0.1 | 0.25 | 3.0 | 0.3 | 0.09 | 5 | 1.2 | <0.2 |
| REP L10N 2900W | QC | 28 | 0.53 | 250 | 0.009 | <20 | 1.74 | 0.004 | 0.08 | <0.1 | 0.26 | 2.8 | 0.2 | 0.09 | 5 | 0.9 | <0.2 |
| Reference Materials | | | | | | | | | | | | | | | | | |
| STD DS11 | Standard | 57 | 0.85 | 423 | 0.086 | <20 | 1.07 | 0.057 | 0.38 | 3.1 | 0.23 | 3.2 | 4.7 | 0.27 | 5 | 1.9 | 5.2 |
| STD DS11 | Standard | 61 | 0.87 | 445 | 0.093 | <20 | 1.16 | 0.076 | 0.41 | 2.6 | 0.23 | 3.2 | 5.3 | 0.29 | 5 | 2.7 | 5.2 |
| STD DS11 | Standard | 57 | 0.83 | 442 | 0.086 | <20 | 1.08 | 0.062 | 0.39 | 3.0 | 0.31 | 3.1 | 5.1 | 0.29 | 5 | 2.7 | 4.8 |
| STD DS11 | Standard | 58 | 0.85 | 443 | 0.087 | <20 | 1.10 | 0.061 | 0.40 | 3.4 | 0.25 | 3.1 | 4.9 | 0.30 | 5 | 2.4 | 4.8 |
| STD DS11 | Standard | 61 | 0.86 | 431 | 0.095 | <20 | 1.12 | 0.072 | 0.40 | 2.6 | 0.37 | 2.9 | 5.1 | 0.30 | 5 | 2.6 | 5.1 |
| STD DS11 | Standard | 55 | 0.83 | 432 | 0.087 | <20 | 1.07 | 0.069 | 0.39 | 3.2 | 0.26 | 2.9 | 4.8 | 0.31 | 5 | 2.2 | 4.6 |
| STD OREAS45EA | Standard | 799 | 0.09 | 139 | 0.093 | <20 | 2.89 | 0.019 | 0.05 | <0.1 | <0.01 | 77.7 | <0.1 | <0.05 | 12 | 0.9 | <0.2 |
| STD OREAS45EA | Standard | 853 | 0.10 | 149 | 0.103 | <20 | 3.06 | 0.022 | 0.06 | <0.1 | 0.02 | 82.3 | <0.1 | <0.05 | 13 | 1.5 | <0.2 |
| STD OREAS45EA | Standard | 801 | 0.09 | 142 | 0.092 | <20 | 2.87 | 0.018 | 0.05 | <0.1 | 0.01 | 79.9 | <0.1 | <0.05 | 12 | 1.5 | <0.2 |
| STD OREAS45EA | Standard | 808 | 0.09 | 148 | 0.091 | <20 | 2.73 | 0.018 | 0.05 | <0.1 | <0.01 | 79.6 | <0.1 | <0.05 | 11 | 1.3 | <0.2 |
| STD OREAS45EA | Standard | 799 | 0.09 | 143 | 0.095 | <20 | 2.96 | 0.019 | 0.05 | <0.1 | 0.01 | 75.3 | <0.1 | <0.05 | 12 | 1.2 | <0.2 |
| STD OREAS45EA | Standard | 767 | 0.09 | 140 | 0.092 | <20 | 2.75 | 0.019 | 0.05 | <0.1 | 0.01 | 73.6 | <0.1 | <0.05 | 12 | 1.7 | <0.2 |
| STD OREAS45EA Expected | | 849 | 0.095 | 148 | 0.0984 | | 3.13 | 0.02 | 0.053 | | | 78 | 0.072 | 0.036 | 12.4 | 0.78 | 0.07 |
| STD DS11 Expected | | 61.5 | 0.85 | 417 | 0.0976 | | 1.129 | 0.0694 | 0.4 | 2.9 | 0.3 | 3.1 | 4.9 | 0.2835 | 4.7 | 1.9 | 4.56 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <20 | <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 | <20 | <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 | <20 | <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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PHONE (604) 253-3158

**Client:** **Mincord Exploration Consultants Ltd.**
110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: September 26, 2017



# QUALITY CONTROL REPORT VAN17002088.1

| | | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm |
| | | 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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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: September 26, 2017



# QUALITY CONTROL REPORT VAN17002088.1

| | | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| | | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | | 1 | 0.01 | 1 | 0.001 | 20 | 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 | <20 | <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 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | 0.05 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <20 | <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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| | |
|---|---|
| Submitted By: | Gavin Titley |
| Receiving Lab: | Canada-Vancouver |
| Received: | September 14, 2017 |
| Report Date: | September 26, 2017 |
| Page: | 1 of 7 |

# CERTIFICATE OF ANALYSIS VAN17002092.1

## CLIENT JOB INFORMATION

| | |
|---|---|
| Project: | Lustdust |
| Shipment ID: | Ids17-02 |
| P.O. Number | |
| Number of Samples: | 166 |

## SAMPLE DISPOSAL

| | |
|---|---|
| STOR-PLP | Store After 90 days Invoice for Storage |
| 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 | 166 | Dry at 60C | | | VAN |
| SS80 | 166 | Dry at 60C sieve 100g to -80 mesh | | | VAN |
| AQ200 | 166 | 1:1:1 Aqua Regia digestion ICP-MS analysis | 0.5 | Completed | VAN |

## ADDITIONAL COMMENTS

Invoice To: Mincord Exploration Consultants Ltd.
110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7
Canada

CC: Bill Morton
Glen Garratt

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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110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: September 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002092.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L1N 1400W | Soil | 2.6 | 128.5 | 12.4 | 149 | 1.3 | 28.9 | 16.9 | 535 | 3.91 | 13.3 | 7.6 | 1.1 | 79 | 0.5 | 2.2 | 0.4 | 48 | 0.60 | 0.072 | 20 |
| L1N 1450W | Soil | 5.5 | 39.2 | 18.2 | 113 | <0.1 | 15.6 | 6.7 | 569 | 2.61 | 14.1 | 2.8 | 0.2 | 25 | 0.4 | 4.5 | 0.5 | 42 | 0.18 | 0.062 | 14 |
| L1N 1500W | Soil | 5.1 | 99.2 | 14.3 | 126 | 0.3 | 29.9 | 10.8 | 756 | 2.89 | 13.2 | 3.7 | 0.6 | 50 | 0.7 | 3.9 | 0.4 | 34 | 0.38 | 0.080 | 24 |
| L1N 1550W | Soil | 4.8 | 104.1 | 11.3 | 159 | 1.0 | 27.5 | 8.0 | 674 | 3.22 | 7.7 | 6.5 | 0.6 | 88 | 1.0 | 1.4 | 0.4 | 39 | 0.72 | 0.201 | 22 |
| L1N 1600W | Soil | 4.1 | 39.2 | 26.7 | 101 | 0.3 | 23.4 | 13.9 | 1094 | 3.16 | 10.0 | 3.0 | 0.1 | 13 | 0.4 | 2.6 | 0.4 | 40 | 0.18 | 0.141 | 10 |
| L1N 1650W | Soil | 3.8 | 22.3 | 12.0 | 45 | 0.4 | 10.8 | 4.3 | 441 | 2.64 | 6.5 | 1.7 | <0.1 | 5 | 0.4 | 1.8 | 0.3 | 62 | 0.08 | 0.076 | 13 |
| L1N 1700W | Soil | 4.3 | 38.6 | 795.2 | 86 | 3.0 | 15.4 | 8.6 | 2437 | 2.85 | 43.9 | 11.2 | 0.2 | 5 | 0.7 | 440.9 | 0.5 | 62 | 0.05 | 0.066 | 14 |
| L1N 1750W | Soil | 4.8 | 32.4 | 86.7 | 89 | 2.2 | 11.6 | 4.6 | 219 | 3.57 | 59.7 | 1.2 | 0.3 | 6 | 0.8 | 36.0 | 0.5 | 121 | 0.15 | 0.067 | 14 |
| L1N 1800W | Soil | 7.1 | 52.9 | 38.4 | 75 | 0.1 | 16.8 | 12.2 | 1730 | 3.34 | 28.7 | 1.4 | 0.7 | 8 | 0.3 | 9.1 | 0.4 | 57 | 0.10 | 0.087 | 16 |
| L1N 1850W | Soil | 5.3 | 39.6 | 127.4 | 99 | 0.6 | 17.1 | 5.5 | 325 | 2.97 | 128.9 | 5.2 | 0.2 | 5 | 0.1 | 65.7 | 0.5 | 52 | 0.03 | 0.064 | 17 |
| L1N 1900W | Soil | 10.2 | 90.8 | 10.6 | 71 | 0.2 | 31.3 | 9.6 | 340 | 3.14 | 16.0 | 1.4 | 0.1 | 8 | <0.1 | 8.7 | 0.4 | 33 | 0.01 | 0.095 | 10 |
| L1N 1950W | Soil | 6.7 | 41.7 | 10.6 | 103 | 0.8 | 22.3 | 7.1 | 2169 | 2.68 | 9.2 | <0.5 | <0.1 | 27 | 1.4 | 2.2 | 0.5 | 48 | 0.30 | 0.110 | 12 |
| L1N 2000W | Soil | 0.9 | 6.3 | 4.7 | 12 | 0.1 | 3.2 | 0.6 | 58 | 0.45 | 1.1 | <0.5 | <0.1 | 4 | <0.1 | 0.1 | 0.2 | 19 | 0.03 | 0.072 | 14 |
| L1N 2050W | Soil | 1.3 | 6.8 | 3.3 | 12 | 0.1 | 2.9 | 0.7 | 57 | 0.35 | <0.5 | <0.5 | <0.1 | 4 | <0.1 | <0.1 | 0.1 | 15 | 0.01 | 0.056 | 16 |
| L1N 2100W | Soil | 3.8 | 23.6 | 7.0 | 37 | 0.8 | 9.1 | 3.4 | 154 | 1.58 | 2.6 | 8.4 | <0.1 | 4 | 0.2 | 0.5 | 0.4 | 50 | 0.04 | 0.063 | 16 |
| L1N 2150W | Soil | 2.6 | 16.1 | 5.7 | 26 | 0.4 | 6.0 | 2.9 | 631 | 1.49 | 2.0 | 0.7 | <0.1 | 4 | <0.1 | 0.3 | 0.3 | 47 | 0.04 | 0.083 | 14 |
| L1N 2200W | Soil | 2.8 | 31.0 | 7.7 | 44 | 0.2 | 14.1 | 4.5 | 249 | 3.67 | 5.4 | 1.3 | <0.1 | 4 | 0.2 | 0.9 | 0.3 | 69 | 0.06 | 0.097 | 11 |
| L1N 2250W | Soil | 2.3 | 29.1 | 8.3 | 56 | 0.2 | 18.3 | 5.6 | 452 | 2.29 | 3.9 | 0.6 | <0.1 | 6 | 0.3 | 0.8 | 0.3 | 36 | 0.05 | 0.067 | 15 |
| L1N 2300W | Soil | 1.4 | 17.6 | 6.4 | 25 | 0.4 | 6.8 | 1.6 | 103 | 0.97 | 2.1 | 0.6 | 0.2 | 4 | 0.1 | 0.3 | 0.2 | 24 | 0.03 | 0.052 | 14 |
| L1N 2350W | Soil | 0.5 | 9.0 | 4.3 | 14 | 0.2 | 2.4 | 0.7 | 72 | 0.48 | 0.8 | <0.5 | <0.1 | 2 | <0.1 | 0.1 | 0.2 | 22 | 0.03 | 0.052 | 6 |
| L1N 2400W | Soil | 1.4 | 14.7 | 8.0 | 18 | 0.2 | 3.0 | 1.2 | 186 | 0.68 | 1.7 | <0.5 | <0.1 | 4 | <0.1 | 0.3 | 0.3 | 29 | 0.05 | 0.079 | 20 |
| L1N 2450W | Soil | 0.9 | 23.0 | 7.1 | 33 | 0.2 | 6.5 | 3.9 | 584 | 2.01 | 2.4 | 3.3 | <0.1 | 4 | <0.1 | 0.3 | 0.3 | 65 | 0.12 | 0.071 | 7 |
| L1N 2500W | Soil | 0.8 | 33.8 | 4.6 | 68 | 0.3 | 22.9 | 10.0 | 481 | 4.10 | 2.7 | <0.5 | 0.2 | 9 | 0.2 | 0.3 | 0.2 | 83 | 0.47 | 0.121 | 9 |
| L1N 2550W | Soil | 1.5 | 23.9 | 5.3 | 39 | <0.1 | 15.0 | 5.9 | 197 | 2.36 | 1.9 | <0.5 | 0.2 | 7 | 0.2 | 0.3 | 0.2 | 76 | 0.24 | 0.044 | 11 |
| L1N 2600W | Soil | 3.1 | 33.6 | 5.2 | 43 | 1.3 | 13.5 | 9.1 | 731 | 3.40 | 1.5 | <0.5 | <0.1 | 10 | 0.7 | 0.4 | 0.2 | 121 | 0.50 | 0.123 | 5 |
| L1N 2650W | Soil | 3.5 | 28.9 | 9.8 | 31 | 0.4 | 7.1 | 2.6 | 260 | 1.70 | 4.1 | <0.5 | 0.1 | 7 | <0.1 | 0.5 | 0.3 | 38 | 0.02 | 0.077 | 20 |
| L1N 2700W | Soil | 3.3 | 42.2 | 9.1 | 57 | 0.5 | 17.2 | 6.7 | 860 | 4.21 | 5.5 | <0.5 | 0.2 | 6 | 0.2 | 0.8 | 0.3 | 67 | 0.08 | 0.122 | 11 |
| L1N 2750W | Soil | 2.9 | 19.8 | 10.1 | 21 | 0.2 | 6.6 | 1.5 | 89 | 1.21 | 3.5 | <0.5 | 0.3 | 8 | <0.1 | 0.3 | 0.3 | 20 | 0.02 | 0.055 | 14 |
| L1N 2800W | Soil | 1.6 | 12.5 | 6.3 | 14 | 0.4 | 4.3 | 1.1 | 45 | 0.98 | 2.3 | <0.5 | <0.1 | 5 | <0.1 | 0.2 | 0.2 | 23 | 0.03 | 0.044 | 18 |
| L1N 2850W | Soil | 3.2 | 36.8 | 9.6 | 56 | 0.3 | 15.9 | 6.1 | 524 | 3.52 | 6.7 | <0.5 | 0.2 | 5 | 0.3 | 0.9 | 0.2 | 53 | 0.11 | 0.084 | 15 |

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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: September 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002092.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L1N 1400W | Soil | 31 | 0.88 | 210 | 0.005 | <20 | 2.17 | 0.006 | 0.08 | 0.1 | 0.22 | 6.6 | 0.2 | <0.05 | 6 | 1.5 | <0.2 |
| L1N 1450W | Soil | 21 | 0.34 | 287 | 0.011 | <20 | 1.42 | 0.003 | 0.07 | <0.1 | 0.01 | 1.4 | 0.2 | <0.05 | 5 | 0.6 | <0.2 |
| L1N 1500W | Soil | 25 | 0.62 | 262 | 0.009 | <20 | 1.67 | 0.005 | 0.07 | <0.1 | 0.06 | 2.8 | 0.2 | <0.05 | 4 | 1.0 | <0.2 |
| L1N 1550W | Soil | 27 | 0.69 | 350 | 0.006 | <20 | 2.20 | 0.006 | 0.08 | 0.1 | 0.22 | 3.2 | 0.3 | <0.05 | 5 | 1.9 | <0.2 |
| L1N 1600W | Soil | 33 | 0.45 | 234 | 0.007 | <20 | 1.36 | 0.004 | 0.09 | <0.1 | 0.06 | 1.0 | 0.2 | <0.05 | 4 | 1.0 | <0.2 |
| L1N 1650W | Soil | 25 | 0.21 | 97 | 0.016 | <20 | 1.24 | 0.003 | 0.05 | <0.1 | 0.05 | 0.7 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L1N 1700W | Soil | 26 | 0.25 | 273 | 0.028 | <20 | 1.16 | 0.003 | 0.09 | <0.1 | 0.06 | 1.6 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L1N 1750W | Soil | 21 | 0.16 | 106 | 0.127 | <20 | 1.24 | 0.003 | 0.04 | <0.1 | 0.06 | 2.2 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| L1N 1800W | Soil | 22 | 0.15 | 217 | 0.022 | <20 | 1.00 | 0.003 | 0.08 | <0.1 | 0.03 | 2.2 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L1N 1850W | Soil | 27 | 0.34 | 121 | 0.014 | <20 | 1.54 | 0.002 | 0.05 | <0.1 | 0.04 | 1.3 | 0.2 | <0.05 | 6 | 0.5 | <0.2 |
| L1N 1900W | Soil | 14 | 0.06 | 118 | 0.003 | <20 | 0.64 | 0.001 | 0.06 | <0.1 | 0.02 | 0.4 | 0.2 | <0.05 | 4 | 0.7 | <0.2 |
| L1N 1950W | Soil | 30 | 0.32 | 474 | 0.009 | <20 | 1.58 | 0.004 | 0.07 | <0.1 | 0.04 | 0.6 | 0.3 | <0.05 | 6 | 0.6 | <0.2 |
| L1N 2000W | Soil | 12 | 0.07 | 62 | 0.005 | <20 | 0.74 | 0.003 | 0.03 | <0.1 | 0.02 | 0.2 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L1N 2050W | Soil | 13 | 0.05 | 72 | 0.005 | <20 | 0.63 | 0.002 | 0.04 | <0.1 | 0.02 | 0.3 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L1N 2100W | Soil | 22 | 0.12 | 165 | 0.007 | <20 | 1.10 | 0.003 | 0.04 | <0.1 | 0.05 | 0.4 | 0.3 | <0.05 | 7 | <0.5 | <0.2 |
| L1N 2150W | Soil | 19 | 0.12 | 85 | 0.007 | <20 | 0.86 | 0.002 | 0.05 | <0.1 | 0.03 | 0.2 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L1N 2200W | Soil | 31 | 0.35 | 74 | 0.014 | <20 | 1.42 | 0.003 | 0.04 | <0.1 | 0.07 | 0.5 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L1N 2250W | Soil | 25 | 0.43 | 156 | 0.011 | <20 | 1.32 | 0.003 | 0.05 | <0.1 | 0.03 | 0.6 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L1N 2300W | Soil | 13 | 0.20 | 93 | 0.007 | <20 | 1.31 | 0.002 | 0.04 | <0.1 | 0.03 | 0.6 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L1N 2350W | Soil | 10 | 0.08 | 81 | 0.008 | <20 | 0.93 | 0.003 | 0.04 | <0.1 | 0.03 | 0.2 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L1N 2400W | Soil | 11 | 0.09 | 91 | 0.005 | <20 | 1.14 | 0.003 | 0.05 | <0.1 | 0.01 | 0.2 | 0.3 | <0.05 | 7 | <0.5 | <0.2 |
| L1N 2450W | Soil | 22 | 0.24 | 115 | 0.054 | <20 | 1.47 | 0.003 | 0.05 | <0.1 | 0.03 | 1.0 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| L1N 2500W | Soil | 64 | 0.61 | 109 | 0.060 | <20 | 2.15 | 0.005 | 0.06 | <0.1 | 0.07 | 2.7 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L1N 2550W | Soil | 35 | 0.43 | 51 | 0.074 | <20 | 1.64 | 0.004 | 0.03 | <0.1 | 0.03 | 2.0 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L1N 2600W | Soil | 49 | 0.35 | 138 | 0.150 | <20 | 1.43 | 0.005 | 0.08 | <0.1 | 0.08 | 2.1 | <0.1 | 0.05 | 7 | <0.5 | <0.2 |
| L1N 2650W | Soil | 13 | 0.18 | 73 | 0.005 | <20 | 1.19 | 0.003 | 0.06 | <0.1 | 0.02 | 0.4 | 0.3 | <0.05 | 8 | <0.5 | <0.2 |
| L1N 2700W | Soil | 29 | 0.42 | 107 | 0.017 | <20 | 1.67 | 0.002 | 0.04 | <0.1 | 0.05 | 1.1 | 0.2 | <0.05 | 7 | 0.6 | <0.2 |
| L1N 2750W | Soil | 9 | 0.16 | 115 | 0.004 | <20 | 1.08 | 0.001 | 0.05 | <0.1 | 0.03 | 0.5 | 0.3 | <0.05 | 5 | <0.5 | <0.2 |
| L1N 2800W | Soil | 11 | 0.09 | 56 | 0.007 | <20 | 0.89 | 0.002 | 0.02 | <0.1 | 0.04 | 0.3 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L1N 2850W | Soil | 20 | 0.31 | 65 | 0.022 | <20 | 1.14 | 0.002 | 0.04 | <0.1 | 0.04 | 1.1 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |

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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Project: Lustdust
Report Date: September 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002092.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L1N 2900W | Soil | 1.6 | 25.8 | 8.5 | 55 | <0.1 | 12.8 | 6.4 | 405 | 3.58 | 4.0 | <0.5 | 0.3 | 9 | 0.3 | 0.6 | 0.2 | 92 | 0.65 | 0.086 | 10 |
| L1S 2100W | Soil | 2.6 | 32.9 | 7.5 | 52 | 0.3 | 21.0 | 6.1 | 266 | 3.25 | 4.9 | 0.8 | 0.2 | 6 | 0.4 | 0.8 | 0.2 | 48 | 0.10 | 0.053 | 10 |
| L1S 2150W | Soil | 3.1 | 46.3 | 8.8 | 87 | <0.1 | 29.0 | 11.3 | 539 | 3.23 | 6.1 | <0.5 | 0.3 | 7 | 0.3 | 1.2 | 0.2 | 47 | 0.11 | 0.051 | 13 |
| L1S 2200W | Soil | 2.7 | 26.1 | 7.2 | 41 | 0.2 | 9.0 | 6.2 | 1205 | 1.90 | 3.1 | <0.5 | <0.1 | 12 | 0.4 | 0.6 | 0.2 | 37 | 0.17 | 0.102 | 11 |
| L1S 2250W | Soil | 1.6 | 29.5 | 10.6 | 68 | 0.5 | 18.5 | 7.8 | 314 | 2.13 | 4.0 | 0.8 | 0.4 | 25 | 0.4 | 0.7 | 0.2 | 55 | 0.36 | 0.062 | 16 |
| L1S 2300W | Soil | 3.0 | 23.0 | 8.7 | 60 | 0.2 | 24.8 | 11.1 | 348 | 2.58 | 4.5 | <0.5 | 1.6 | 31 | 0.1 | 0.5 | 0.2 | 66 | 0.46 | 0.042 | 12 |
| L1S 2350W | Soil | 3.8 | 38.9 | 7.2 | 60 | 0.4 | 14.8 | 7.6 | 1231 | 4.28 | 3.9 | 4.6 | 0.1 | 4 | 0.3 | 0.6 | 0.4 | 73 | 0.09 | 0.090 | 10 |
| L1S 2400W | Soil | 1.6 | 31.4 | 7.1 | 56 | 0.4 | 22.0 | 6.4 | 191 | 2.51 | 4.2 | 5.2 | 0.4 | 9 | 0.2 | 0.4 | 0.3 | 44 | 0.12 | 0.059 | 12 |
| L1S 2450W | Soil | 3.2 | 56.6 | 8.3 | 69 | 0.1 | 25.6 | 8.3 | 270 | 3.91 | 7.6 | 2.9 | 0.2 | 6 | 0.4 | 0.9 | 0.3 | 58 | 0.06 | 0.067 | 11 |
| L1S 2500W | Soil | 2.3 | 38.3 | 6.6 | 57 | 0.4 | 16.0 | 6.2 | 272 | 3.59 | 4.0 | 1.2 | <0.1 | 5 | 0.2 | 0.6 | 0.3 | 68 | 0.08 | 0.102 | 11 |
| L1S 2550W | Soil | 2.8 | 45.6 | 9.6 | 60 | 0.1 | 19.9 | 5.9 | 298 | 3.12 | 6.3 | 1.4 | 0.3 | 5 | 0.2 | 0.7 | 0.3 | 45 | 0.10 | 0.081 | 14 |
| L1S 2600W | Soil | 4.0 | 71.7 | 9.1 | 79 | 0.2 | 18.8 | 6.2 | 377 | 2.43 | 4.6 | 1.0 | 0.2 | 11 | 0.3 | 0.7 | 0.4 | 27 | 0.09 | 0.099 | 20 |
| L1S 2650W | Soil | 10.5 | 55.1 | 8.1 | 73 | 0.4 | 16.8 | 4.6 | 199 | 2.22 | 7.3 | 3.7 | 0.6 | 23 | 0.2 | 1.0 | 0.4 | 14 | 0.19 | 0.101 | 13 |
| L1S 2700W | Soil | 6.4 | 52.1 | 12.1 | 96 | 0.1 | 17.5 | 10.8 | 2629 | 2.35 | 4.2 | 1.3 | <0.1 | 49 | 1.4 | 0.7 | 0.4 | 28 | 0.53 | 0.190 | 11 |
| L1S 2750W | Soil | 4.8 | 65.4 | 13.9 | 165 | 0.3 | 27.0 | 10.2 | 878 | 3.03 | 5.9 | 1.6 | 0.2 | 28 | 0.4 | 0.7 | 0.4 | 36 | 0.31 | 0.140 | 13 |
| L1S 2800W | Soil | 4.6 | 30.5 | 10.8 | 41 | 0.3 | 8.3 | 3.5 | 347 | 2.57 | 3.3 | 7.4 | <0.1 | 4 | 0.2 | 0.6 | 0.4 | 47 | 0.05 | 0.066 | 15 |
| L3S 1400W | Soil | 8.6 | 52.1 | 12.2 | 53 | 0.4 | 13.3 | 4.7 | 263 | 3.58 | 10.0 | 1.4 | 0.3 | 3 | <0.1 | 1.1 | 0.4 | 54 | 0.02 | 0.074 | 18 |
| L3S 1450W | Soil | 4.4 | 30.0 | 16.4 | 50 | 0.1 | 13.2 | 4.1 | 180 | 1.98 | 20.2 | 0.9 | <0.1 | 4 | <0.1 | 5.8 | 0.3 | 42 | 0.03 | 0.048 | 15 |
| L3S 1500W | Soil | 3.4 | 24.3 | 12.7 | 43 | 0.7 | 12.1 | 4.2 | 366 | 1.67 | 6.7 | 1.4 | <0.1 | 4 | 0.2 | 2.0 | 0.4 | 56 | 0.07 | 0.061 | 16 |
| L3S 1550W | Soil | 6.1 | 34.9 | 17.6 | 57 | 0.2 | 13.3 | 4.5 | 329 | 2.01 | 14.4 | <0.5 | <0.1 | 5 | <0.1 | 5.7 | 0.4 | 51 | 0.02 | 0.061 | 18 |
| L3S 1600W | Soil | 1.4 | 9.7 | 18.8 | 28 | 0.2 | 9.4 | 2.6 | 194 | 1.08 | 4.2 | <0.5 | <0.1 | 5 | <0.1 | 1.9 | 0.3 | 46 | 0.05 | 0.046 | 15 |
| L3S 1650W | Soil | 2.9 | 32.9 | 8.5 | 47 | 0.2 | 17.1 | 6.6 | 540 | 3.36 | 4.3 | 1.8 | <0.1 | 4 | 0.2 | 0.8 | 0.3 | 122 | 0.17 | 0.090 | 12 |
| L3S 1700W | Soil | 2.8 | 47.2 | 7.9 | 67 | <0.1 | 23.5 | 9.2 | 458 | 3.67 | 6.2 | 1.1 | 0.4 | 8 | 0.2 | 0.7 | 0.2 | 67 | 0.12 | 0.071 | 12 |
| L3S 1750W | Soil | 1.5 | 34.6 | 6.8 | 52 | 0.2 | 12.4 | 8.0 | 471 | 6.41 | 2.7 | <0.5 | 0.4 | 7 | 0.5 | 0.6 | 0.3 | 213 | 0.38 | 0.117 | 7 |
| L3S 1800W | Soil | 1.1 | 37.4 | 4.5 | 56 | 0.7 | 13.7 | 12.6 | 1387 | 6.26 | 2.6 | 0.6 | 0.1 | 7 | 0.4 | 0.4 | 0.2 | 170 | 0.23 | 0.142 | 5 |
| L3S 1850W | Soil | 1.1 | 31.5 | 4.0 | 57 | 0.3 | 17.3 | 11.0 | 650 | 5.28 | 2.1 | 1.9 | 0.3 | 8 | 0.3 | 0.4 | 0.2 | 159 | 0.41 | 0.097 | 6 |
| L3S 1900W | Soil | 9.9 | 104.8 | 14.7 | 136 | 0.5 | 29.9 | 14.8 | 910 | 3.42 | 9.2 | 2.3 | 0.4 | 50 | 0.4 | 1.0 | 0.4 | 33 | 0.54 | 0.182 | 17 |
| L3S 1950W | Soil | 4.8 | 31.0 | 9.4 | 39 | 0.4 | 8.0 | 2.9 | 245 | 1.48 | 2.5 | 1.0 | <0.1 | 8 | <0.1 | 0.4 | 0.3 | 40 | 0.02 | 0.062 | 16 |
| L3S 2000W | Soil | 3.0 | 28.7 | 11.2 | 37 | 0.2 | 8.9 | 7.8 | 3844 | 2.31 | 3.1 | 0.7 | <0.1 | 4 | <0.1 | 0.4 | 0.3 | 62 | 0.03 | 0.100 | 13 |
| L3S 2050W | Soil | 4.3 | 14.5 | 5.4 | 27 | 0.1 | 5.2 | 1.6 | 59 | 0.86 | 2.0 | <0.5 | 0.2 | 3 | <0.1 | 0.3 | 0.3 | 38 | 0.03 | 0.038 | 19 |

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Project: Lustdust
Report Date: September 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002092.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L1N 2900W | Soil | 25 | 0.49 | 91 | 0.107 | <20 | 2.09 | 0.007 | 0.05 | <0.1 | 0.02 | 2.6 | <0.1 | <0.05 | 10 | <0.5 | <0.2 |
| L1S 2100W | Soil | 32 | 0.47 | 80 | 0.026 | <20 | 1.60 | 0.003 | 0.04 | <0.1 | 0.05 | 1.7 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L1S 2150W | Soil | 32 | 0.55 | 164 | 0.022 | <20 | 1.49 | 0.004 | 0.05 | <0.1 | 0.03 | 2.1 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L1S 2200W | Soil | 20 | 0.18 | 131 | 0.007 | <20 | 1.07 | 0.003 | 0.08 | <0.1 | 0.02 | 0.3 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L1S 2250W | Soil | 38 | 0.74 | 337 | 0.015 | <20 | 1.95 | 0.007 | 0.06 | <0.1 | 0.07 | 3.9 | 0.2 | <0.05 | 6 | 0.7 | <0.2 |
| L1S 2300W | Soil | 45 | 0.96 | 632 | 0.013 | <20 | 1.96 | 0.005 | 0.04 | <0.1 | 0.13 | 6.7 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L1S 2350W | Soil | 39 | 0.35 | 90 | 0.026 | <20 | 1.87 | 0.003 | 0.05 | 0.1 | 0.05 | 1.4 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| L1S 2400W | Soil | 37 | 0.47 | 61 | 0.027 | <20 | 1.82 | 0.004 | 0.04 | <0.1 | 0.07 | 1.7 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L1S 2450W | Soil | 38 | 0.49 | 71 | 0.015 | <20 | 1.58 | 0.003 | 0.04 | <0.1 | 0.06 | 1.5 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L1S 2500W | Soil | 30 | 0.38 | 83 | 0.021 | <20 | 1.52 | 0.003 | 0.05 | <0.1 | 0.06 | 1.0 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L1S 2550W | Soil | 24 | 0.53 | 53 | 0.011 | <20 | 1.70 | 0.003 | 0.03 | <0.1 | 0.02 | 1.3 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L1S 2600W | Soil | 14 | 0.12 | 135 | 0.003 | <20 | 1.04 | 0.001 | 0.07 | <0.1 | 0.03 | 0.4 | 0.3 | <0.05 | 4 | <0.5 | <0.2 |
| L1S 2650W | Soil | 6 | 0.09 | 254 | 0.001 | <20 | 0.58 | 0.001 | 0.07 | <0.1 | 0.04 | 1.1 | 0.1 | <0.05 | 2 | 0.8 | <0.2 |
| L1S 2700W | Soil | 14 | 0.22 | 329 | 0.003 | <20 | 1.01 | 0.003 | 0.09 | <0.1 | 0.04 | 0.3 | 0.2 | 0.05 | 3 | <0.5 | <0.2 |
| L1S 2750W | Soil | 23 | 0.57 | 327 | 0.006 | <20 | 1.86 | 0.003 | 0.07 | <0.1 | 0.03 | 0.7 | 0.2 | <0.05 | 5 | 0.8 | <0.2 |
| L1S 2800W | Soil | 16 | 0.12 | 104 | 0.010 | <20 | 1.15 | 0.002 | 0.06 | <0.1 | 0.04 | 0.4 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L3S 1400W | Soil | 18 | 0.34 | 91 | 0.006 | <20 | 1.57 | 0.002 | 0.05 | <0.1 | 0.04 | 1.2 | 0.2 | <0.05 | 7 | 0.8 | <0.2 |
| L3S 1450W | Soil | 21 | 0.24 | 96 | 0.006 | <20 | 1.28 | 0.002 | 0.04 | <0.1 | 0.02 | 0.8 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L3S 1500W | Soil | 21 | 0.23 | 92 | 0.013 | <20 | 1.23 | 0.002 | 0.05 | <0.1 | 0.03 | 0.7 | 0.1 | <0.05 | 8 | 0.5 | <0.2 |
| L3S 1550W | Soil | 18 | 0.12 | 148 | 0.006 | <20 | 1.15 | 0.002 | 0.04 | <0.1 | 0.03 | 0.7 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L3S 1600W | Soil | 27 | 0.26 | 85 | 0.025 | <20 | 1.29 | 0.002 | 0.04 | <0.1 | 0.03 | 0.8 | 0.2 | <0.05 | 9 | <0.5 | <0.2 |
| L3S 1650W | Soil | 48 | 0.43 | 110 | 0.042 | <20 | 1.86 | 0.004 | 0.04 | <0.1 | 0.04 | 2.1 | 0.2 | <0.05 | 10 | <0.5 | <0.2 |
| L3S 1700W | Soil | 38 | 0.57 | 68 | 0.055 | <20 | 1.78 | 0.004 | 0.05 | <0.1 | 0.04 | 2.6 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L3S 1750W | Soil | 28 | 0.37 | 57 | 0.407 | <20 | 2.04 | 0.005 | 0.04 | 0.1 | 0.05 | 4.2 | 0.1 | <0.05 | 12 | 0.6 | <0.2 |
| L3S 1800W | Soil | 30 | 0.38 | 59 | 0.230 | <20 | 2.23 | 0.004 | 0.05 | <0.1 | 0.11 | 4.1 | 0.1 | 0.08 | 8 | 0.6 | <0.2 |
| L3S 1850W | Soil | 67 | 0.56 | 64 | 0.216 | <20 | 2.29 | 0.006 | 0.04 | <0.1 | 0.07 | 4.4 | <0.1 | <0.05 | 9 | <0.5 | <0.2 |
| L3S 1900W | Soil | 18 | 0.31 | 583 | 0.002 | <20 | 1.90 | 0.005 | 0.08 | <0.1 | 0.07 | 0.8 | 0.2 | 0.09 | 5 | 1.2 | <0.2 |
| L3S 1950W | Soil | 13 | 0.09 | 94 | 0.005 | <20 | 1.07 | 0.002 | 0.05 | <0.1 | 0.03 | 0.4 | 0.3 | <0.05 | 7 | <0.5 | <0.2 |
| L3S 2000W | Soil | 28 | 0.12 | 230 | 0.006 | <20 | 1.07 | 0.002 | 0.06 | <0.1 | 0.02 | 0.3 | 0.3 | <0.05 | 7 | <0.5 | <0.2 |
| L3S 2050W | Soil | 10 | 0.11 | 76 | 0.007 | <20 | 1.16 | 0.002 | 0.04 | <0.1 | 0.02 | 0.8 | 0.3 | <0.05 | 7 | <0.5 | <0.2 |

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Project: Lustdust
Report Date: September 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002092.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L3S 2100W | Soil | 5.9 | 67.8 | 3.8 | 63 | 0.2 | 13.3 | 3.6 | 101 | 1.66 | 3.5 | <0.5 | 0.2 | 3 | <0.1 | 4.1 | 0.3 | 39 | 0.01 | 0.048 | 18 |
| L3S 2150W | Soil | 7.8 | 27.6 | 14.1 | 40 | 0.5 | 8.1 | 3.1 | 198 | 1.68 | 4.8 | 2.5 | 0.8 | 3 | <0.1 | 0.8 | 0.4 | 41 | 0.03 | 0.064 | 26 |
| L3S 2200W | Soil | 1.9 | 16.8 | 6.5 | 23 | 0.2 | 7.1 | 2.1 | 138 | 1.02 | 1.5 | 1.4 | 0.1 | 5 | <0.1 | 0.3 | 0.2 | 26 | 0.03 | 0.068 | 15 |
| L3S 2250W | Soil | 1.0 | 9.8 | 6.2 | 20 | 0.3 | 8.8 | 1.9 | 87 | 0.71 | 0.6 | 0.6 | 0.1 | 4 | <0.1 | <0.1 | 0.2 | 35 | 0.03 | 0.041 | 12 |
| L3S 2300W | Soil | 2.9 | 43.2 | 4.9 | 51 | 0.2 | 44.5 | 13.2 | 496 | 3.62 | 4.5 | <0.5 | 1.0 | 4 | 0.1 | 0.3 | 0.1 | 78 | 0.03 | 0.046 | 10 |
| L3S 2350W | Soil | 8.4 | 70.8 | 14.7 | 102 | 0.9 | 34.8 | 12.9 | 236 | 3.28 | 9.2 | 1.6 | 0.4 | 9 | 0.3 | 2.8 | 0.4 | 54 | 0.03 | 0.128 | 20 |
| L3S 2400W | Soil | 0.8 | 45.7 | 6.4 | 48 | 0.2 | 14.0 | 17.0 | 1850 | 3.80 | 2.0 | <0.5 | <0.1 | 7 | 0.2 | 0.3 | 0.2 | 166 | 0.73 | 0.134 | 5 |
| L3S 2450W | Soil | 1.7 | 36.4 | 6.3 | 55 | 0.3 | 19.2 | 6.9 | 297 | 3.56 | 4.6 | <0.5 | 0.3 | 5 | 0.2 | 0.6 | 0.2 | 74 | 0.07 | 0.062 | 10 |
| L3S 2500W | Soil | 2.6 | 41.6 | 5.7 | 61 | 1.2 | 20.5 | 10.8 | 730 | 5.76 | 4.0 | 1.5 | 0.3 | 5 | 0.4 | 0.6 | 0.3 | 118 | 0.12 | 0.110 | 8 |
| L3S 2550W | Soil | 2.4 | 35.9 | 6.7 | 65 | 0.2 | 18.3 | 8.1 | 425 | 2.87 | 3.4 | 1.3 | 0.1 | 10 | 0.2 | 0.8 | 0.3 | 79 | 0.22 | 0.075 | 9 |
| L3S 2600W | Soil | 3.0 | 38.1 | 6.4 | 50 | 0.2 | 15.9 | 5.2 | 204 | 3.67 | 6.2 | 1.2 | 0.7 | 6 | <0.1 | 0.8 | 0.2 | 64 | 0.08 | 0.077 | 18 |
| L3S 2650W | Soil | 4.4 | 44.3 | 8.1 | 60 | 0.2 | 18.7 | 4.9 | 265 | 3.43 | 6.7 | <0.5 | 0.4 | 6 | 0.1 | 0.9 | 0.2 | 46 | 0.06 | 0.072 | 18 |
| L3S 2700W | Soil | 2.4 | 21.4 | 6.9 | 41 | 0.9 | 9.0 | 2.9 | 190 | 2.17 | 2.3 | 1.7 | <0.1 | 6 | 0.3 | 0.4 | 0.4 | 49 | 0.10 | 0.098 | 18 |
| L19S 200W | Soil | 1.9 | 18.1 | 7.0 | 66 | 0.3 | 32.1 | 6.4 | 401 | 2.73 | 7.7 | 1.0 | 1.2 | 4 | 0.3 | 0.8 | 0.3 | 47 | 0.05 | 0.163 | 7 |
| L19S 250W | Soil | 3.4 | 30.5 | 8.4 | 84 | 0.2 | 23.8 | 8.2 | 426 | 4.07 | 11.0 | 1.5 | 2.1 | 4 | 0.2 | 1.0 | 0.3 | 47 | 0.05 | 0.281 | 5 |
| L19S 300W | Soil | 2.3 | 18.0 | 6.2 | 77 | 0.2 | 17.0 | 6.0 | 344 | 2.60 | 5.4 | 1.0 | 1.4 | 5 | 0.3 | 0.6 | 0.2 | 42 | 0.05 | 0.118 | 7 |
| L19S 350W | Soil | 2.3 | 15.2 | 5.8 | 63 | 0.3 | 14.4 | 4.9 | 221 | 2.59 | 5.8 | 1.3 | 1.2 | 4 | 0.2 | 0.6 | 0.2 | 48 | 0.05 | 0.099 | 6 |
| L19S 400W | Soil | 1.8 | 12.5 | 4.6 | 37 | <0.1 | 10.1 | 3.6 | 251 | 1.81 | 4.3 | <0.5 | 1.2 | 3 | <0.1 | 0.5 | 0.2 | 42 | 0.05 | 0.080 | 6 |
| L19S 450W | Soil | 3.1 | 29.2 | 7.9 | 74 | 0.3 | 22.1 | 7.5 | 329 | 3.27 | 9.9 | <0.5 | 1.6 | 6 | 0.3 | 0.7 | 0.2 | 49 | 0.07 | 0.166 | 6 |
| L19S 500W | Soil | 1.9 | 17.9 | 6.5 | 57 | 0.2 | 14.9 | 4.3 | 341 | 2.35 | 6.4 | 2.8 | 1.0 | 5 | 0.2 | 0.7 | 0.2 | 45 | 0.08 | 0.151 | 7 |
| L19S 550W | Soil | 1.6 | 11.6 | 4.8 | 47 | 0.2 | 9.0 | 3.3 | 238 | 1.57 | 3.2 | <0.5 | 1.1 | 4 | 0.2 | 0.4 | 0.2 | 34 | 0.06 | 0.068 | 7 |
| L19S 600W | Soil | 3.1 | 30.1 | 7.1 | 54 | 0.1 | 15.6 | 4.3 | 209 | 2.40 | 6.7 | 0.5 | 1.3 | 43 | 0.3 | 0.8 | 0.2 | 52 | 0.46 | 0.062 | 11 |
| L19S 650W | Soil | 4.9 | 168.4 | 15.6 | 117 | 1.3 | 51.9 | 17.2 | 1074 | 3.95 | 8.4 | 8.1 | 1.2 | 47 | 1.5 | 1.3 | 0.4 | 45 | 0.37 | 0.101 | 30 |
| L19S 700W | Soil | 1.8 | 11.6 | 5.4 | 53 | 0.2 | 11.2 | 3.8 | 197 | 1.99 | 3.5 | <0.5 | 0.8 | 4 | 0.3 | 0.5 | 0.2 | 46 | 0.06 | 0.072 | 7 |
| L19S 750W | Soil | 1.6 | 12.4 | 5.3 | 34 | 0.2 | 10.0 | 3.9 | 249 | 1.48 | 3.2 | <0.5 | 1.0 | 4 | 0.2 | 0.5 | 0.2 | 34 | 0.06 | 0.042 | 7 |
| L19S 800W | Soil | 2.4 | 26.1 | 4.5 | 58 | 0.1 | 20.9 | 5.4 | 276 | 2.42 | 5.3 | 0.6 | 1.6 | 8 | 0.2 | 0.6 | 0.1 | 40 | 0.13 | 0.040 | 12 |
| L19S 850W | Soil | 1.8 | 81.5 | 7.3 | 208 | 0.1 | 42.4 | 65.3 | 4970 | 6.40 | 10.3 | <0.5 | 0.8 | 46 | 0.6 | 0.4 | 0.2 | 184 | 0.89 | 0.084 | 7 |
| L19S 900W | Soil | 1.6 | 62.9 | 5.2 | 331 | 0.2 | 29.4 | 80.7 | >10000 | 7.05 | 6.7 | 2.1 | 0.3 | 70 | 1.3 | 0.2 | 0.2 | 220 | 1.26 | 0.129 | 4 |
| L19S 950W | Soil | 2.0 | 124.0 | 8.0 | 80 | 0.7 | 33.7 | 11.3 | 965 | 3.31 | 5.3 | 2.4 | 1.5 | 68 | 0.5 | 0.5 | 0.2 | 60 | 0.88 | 0.055 | 20 |
| L19S 1000W | Soil | 7.1 | 62.5 | 18.5 | 117 | 0.2 | 19.2 | 9.9 | 292 | 3.72 | 19.5 | 6.3 | 3.3 | 29 | 0.1 | 2.2 | 0.5 | 26 | 0.15 | 0.026 | 29 |

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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Project: Lustdust
Report Date: September 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002092.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L3S 2100W | Soil | 12 | 0.06 | 72 | 0.006 | <20 | 0.69 | 0.002 | 0.04 | <0.1 | <0.01 | 0.9 | 0.3 | <0.05 | 5 | <0.5 | <0.2 |
| L3S 2150W | Soil | 14 | 0.11 | 87 | 0.006 | <20 | 1.02 | 0.001 | 0.05 | <0.1 | 0.02 | 1.3 | 0.3 | <0.05 | 8 | 0.6 | <0.2 |
| L3S 2200W | Soil | 22 | 0.12 | 91 | 0.006 | <20 | 0.95 | 0.002 | 0.05 | <0.1 | 0.01 | 0.5 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L3S 2250W | Soil | 29 | 0.28 | 130 | 0.009 | <20 | 1.44 | 0.002 | 0.03 | <0.1 | 0.02 | 1.0 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| L3S 2300W | Soil | 78 | 1.11 | 83 | 0.007 | <20 | 2.11 | 0.002 | 0.03 | <0.1 | 0.02 | 5.4 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L3S 2350W | Soil | 32 | 0.30 | 145 | 0.005 | <20 | 1.67 | 0.004 | 0.06 | <0.1 | 0.04 | 0.7 | 0.3 | <0.05 | 7 | 0.9 | <0.2 |
| L3S 2400W | Soil | 49 | 0.39 | 222 | 0.184 | <20 | 1.64 | 0.007 | 0.05 | 0.1 | 0.06 | 4.1 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| L3S 2450W | Soil | 39 | 0.51 | 70 | 0.039 | <20 | 1.77 | 0.003 | 0.04 | <0.1 | 0.04 | 2.3 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L3S 2500W | Soil | 60 | 0.58 | 89 | 0.124 | <20 | 2.40 | 0.005 | 0.04 | 0.1 | 0.05 | 4.1 | 0.2 | <0.05 | 8 | 0.8 | <0.2 |
| L3S 2550W | Soil | 39 | 0.52 | 116 | 0.088 | <20 | 1.43 | 0.005 | 0.07 | <0.1 | 0.03 | 2.2 | 0.1 | <0.05 | 7 | 0.7 | <0.2 |
| L3S 2600W | Soil | 29 | 0.41 | 74 | 0.046 | <20 | 1.65 | 0.002 | 0.03 | 0.1 | 0.04 | 2.3 | 0.1 | <0.05 | 6 | 0.7 | <0.2 |
| L3S 2650W | Soil | 20 | 0.44 | 79 | 0.012 | <20 | 1.45 | 0.002 | 0.04 | <0.1 | 0.03 | 1.2 | 0.1 | <0.05 | 5 | 1.0 | <0.2 |
| L3S 2700W | Soil | 15 | 0.24 | 89 | 0.010 | <20 | 1.12 | 0.003 | 0.07 | <0.1 | 0.03 | 0.4 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L19S 200W | Soil | 38 | 0.24 | 65 | 0.040 | <20 | 1.27 | 0.003 | 0.03 | <0.1 | 0.03 | 2.3 | <0.1 | <0.05 | 5 | 0.9 | <0.2 |
| L19S 250W | Soil | 48 | 0.30 | 69 | 0.025 | <20 | 2.62 | 0.003 | 0.03 | <0.1 | 0.08 | 3.2 | 0.1 | <0.05 | 5 | 0.7 | <0.2 |
| L19S 300W | Soil | 30 | 0.27 | 84 | 0.036 | <20 | 1.53 | 0.003 | 0.03 | <0.1 | 0.04 | 2.5 | 0.1 | <0.05 | 5 | 0.7 | <0.2 |
| L19S 350W | Soil | 28 | 0.27 | 70 | 0.036 | <20 | 1.64 | 0.004 | 0.03 | <0.1 | 0.04 | 2.3 | <0.1 | <0.05 | 6 | 0.6 | <0.2 |
| L19S 400W | Soil | 21 | 0.21 | 60 | 0.043 | <20 | 1.25 | 0.003 | 0.02 | <0.1 | 0.01 | 1.9 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L19S 450W | Soil | 37 | 0.38 | 84 | 0.030 | <20 | 1.47 | 0.004 | 0.05 | <0.1 | 0.03 | 2.6 | 0.1 | <0.05 | 5 | 0.9 | <0.2 |
| L19S 500W | Soil | 30 | 0.19 | 45 | 0.036 | <20 | 0.95 | 0.002 | 0.03 | <0.1 | 0.03 | 2.1 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L19S 550W | Soil | 17 | 0.15 | 50 | 0.042 | <20 | 0.93 | 0.003 | 0.03 | <0.1 | 0.02 | 1.3 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L19S 600W | Soil | 26 | 0.23 | 141 | 0.031 | <20 | 0.85 | 0.004 | 0.06 | <0.1 | 0.03 | 2.1 | 0.1 | <0.05 | 5 | 0.7 | <0.2 |
| L19S 650W | Soil | 31 | 0.38 | 574 | 0.009 | <20 | 1.71 | 0.003 | 0.07 | <0.1 | 0.40 | 5.5 | 0.3 | <0.05 | 4 | 4.8 | <0.2 |
| L19S 700W | Soil | 23 | 0.20 | 40 | 0.051 | <20 | 0.90 | 0.003 | 0.03 | <0.1 | 0.02 | 1.6 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L19S 750W | Soil | 16 | 0.16 | 77 | 0.049 | <20 | 0.59 | 0.003 | 0.04 | <0.1 | 0.01 | 1.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L19S 800W | Soil | 26 | 0.45 | 106 | 0.048 | <20 | 1.03 | 0.003 | 0.06 | <0.1 | 0.03 | 1.9 | <0.1 | <0.05 | 4 | 0.5 | <0.2 |
| L19S 850W | Soil | 53 | 1.05 | 491 | 0.146 | <20 | 2.76 | 0.005 | 0.09 | 0.1 | 0.06 | 11.5 | 0.2 | <0.05 | 10 | 1.0 | <0.2 |
| L19S 900W | Soil | 20 | 0.74 | 1316 | 0.336 | <20 | 1.86 | 0.006 | 0.14 | 0.2 | 0.13 | 11.9 | 0.3 | <0.05 | 11 | 0.7 | <0.2 |
| L19S 950W | Soil | 27 | 0.40 | 290 | 0.009 | <20 | 1.64 | 0.007 | 0.06 | <0.1 | 0.12 | 13.0 | 0.2 | <0.05 | 5 | 0.7 | <0.2 |
| L19S 1000W | Soil | 10 | 0.04 | 229 | 0.002 | <20 | 0.63 | 0.001 | 0.11 | <0.1 | 0.15 | 2.0 | <0.1 | <0.05 | 2 | 1.0 | <0.2 |

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Report Date: September 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002092.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L19S 1050W | Soil | 1.6 | 61.3 | 7.4 | 70 | 0.2 | 22.5 | 11.5 | 835 | 2.25 | 3.6 | 0.7 | 0.5 | 32 | 0.4 | 0.4 | 0.2 | 42 | 0.35 | 0.039 | 12 |
| L19S 1100W | Soil | 2.2 | 24.7 | 5.1 | 64 | <0.1 | 17.5 | 5.1 | 238 | 2.36 | 4.9 | <0.5 | 1.5 | 7 | 0.2 | 0.7 | 0.1 | 38 | 0.10 | 0.037 | 11 |
| L19S 1150W | Soil | 1.0 | 15.6 | 7.9 | 89 | 0.2 | 10.7 | 11.7 | 1290 | 3.53 | <0.5 | <0.5 | 0.3 | 8 | 2.0 | 0.2 | 0.2 | 185 | 1.54 | 0.073 | 4 |
| L19S 1200W | Soil | 4.9 | 105.3 | 12.5 | 224 | 0.3 | 36.9 | 17.1 | 3219 | 3.16 | 3.9 | 1.4 | 1.3 | 69 | 2.4 | 0.5 | 0.3 | 54 | 0.89 | 0.053 | 19 |
| L19S 1250W | Soil | 3.6 | 19.7 | 6.3 | 53 | <0.1 | 9.8 | 3.7 | 111 | 1.90 | 3.1 | <0.5 | 1.1 | 10 | 0.3 | 0.6 | 0.2 | 56 | 0.15 | 0.029 | 13 |
| L19S 1300W | Soil | 4.1 | 76.8 | 12.8 | 178 | 0.5 | 36.4 | 19.9 | 1048 | 3.53 | 4.8 | 1.0 | 1.9 | 44 | 0.6 | 0.6 | 0.4 | 58 | 0.52 | 0.049 | 15 |
| L19S 1350W | Soil | 4.1 | 55.4 | 14.0 | 130 | 0.7 | 24.4 | 15.8 | 2388 | 3.32 | 5.5 | <0.5 | 1.6 | 56 | 1.0 | 0.9 | 0.3 | 49 | 0.59 | 0.041 | 17 |
| L19S 1400W | Soil | 4.0 | 75.6 | 12.4 | 188 | 1.2 | 32.1 | 14.2 | 776 | 3.17 | 9.6 | 1.4 | 1.3 | 65 | 0.7 | 1.5 | 0.4 | 39 | 0.91 | 0.059 | 14 |
| L19S 1450W | Soil | 11.4 | 42.9 | 11.3 | 89 | 0.1 | 20.6 | 6.9 | 210 | 2.50 | 14.1 | 1.2 | 3.2 | 15 | 0.3 | 5.8 | 0.5 | 34 | 0.21 | 0.041 | 16 |
| L19S 1500W | Soil | 7.4 | 146.4 | 12.3 | 62 | 0.6 | 51.3 | 19.2 | 1853 | 3.36 | 5.8 | 0.9 | 1.0 | 135 | 1.0 | 1.2 | 0.3 | 51 | 1.80 | 0.098 | 22 |
| L19S 1550W | Soil | 2.6 | 64.9 | 8.7 | 98 | 0.1 | 41.8 | 8.1 | 330 | 3.35 | 8.4 | 1.9 | 2.5 | 7 | 0.3 | 0.9 | 0.2 | 36 | 0.12 | 0.105 | 12 |
| L19S 1600W | Soil | 2.7 | 20.8 | 5.3 | 53 | <0.1 | 16.4 | 4.7 | 246 | 2.45 | 5.1 | <0.5 | 1.3 | 7 | 0.3 | 0.5 | 0.1 | 31 | 0.09 | 0.032 | 10 |
| L19S 1650W | Soil | 6.9 | 38.8 | 12.7 | 117 | 0.3 | 30.7 | 14.3 | 1487 | 3.31 | 5.7 | <0.5 | 2.0 | 6 | 0.5 | 1.0 | 0.4 | 63 | 0.20 | 0.107 | 13 |
| L19S 1700W | Soil | 5.9 | 48.5 | 12.3 | 134 | <0.1 | 52.0 | 7.5 | 1292 | 4.15 | 3.1 | <0.5 | 2.3 | 9 | 0.1 | 0.5 | 0.3 | 111 | 0.07 | 0.052 | 33 |
| L19S 1750W | Soil | 8.8 | 52.3 | 12.0 | 85 | 0.1 | 10.7 | 4.9 | 94 | 2.06 | 4.0 | <0.5 | 3.1 | 6 | 0.3 | 0.8 | 0.4 | 34 | 0.02 | 0.049 | 30 |
| L19S 1800W | Soil | 2.6 | 16.7 | 6.3 | 48 | 0.4 | 16.5 | 4.6 | 179 | 2.47 | 5.7 | 0.6 | 1.3 | 7 | 0.2 | 0.7 | 0.1 | 45 | 0.06 | 0.035 | 8 |
| L19S 1850W | Soil | 2.5 | 95.5 | 18.2 | 121 | <0.1 | 35.0 | 10.1 | 416 | 4.17 | 5.8 | <0.5 | 4.1 | 9 | 0.1 | 0.6 | 0.9 | 28 | 0.06 | 0.086 | 20 |
| L19S 1900W | Soil | 3.9 | 23.9 | 6.7 | 50 | 0.2 | 29.8 | 5.9 | 191 | 2.24 | 3.5 | <0.5 | 1.1 | 8 | 0.2 | 0.6 | 0.2 | 66 | 0.06 | 0.034 | 13 |
| L19S 1950W | Soil | 3.6 | 56.6 | 10.1 | 95 | 0.2 | 21.0 | 10.0 | 234 | 3.35 | 7.4 | 1.5 | 1.1 | 9 | 0.1 | 1.4 | 0.3 | 33 | 0.06 | 0.065 | 13 |
| L24N1100E | Soil | 1.6 | 20.3 | 6.5 | 53 | <0.1 | 26.2 | 5.8 | 410 | 1.90 | 5.0 | <0.5 | 0.5 | 48 | 0.2 | 0.8 | 0.3 | 34 | 0.27 | 0.061 | 10 |
| L24N1050E | Soil | 2.3 | 33.5 | 7.1 | 69 | <0.1 | 46.8 | 12.1 | 514 | 2.76 | 9.1 | 2.9 | 2.0 | 38 | 0.3 | 1.1 | 0.2 | 33 | 0.28 | 0.068 | 11 |
| L24N950E | Soil | 0.2 | 29.4 | 6.0 | 51 | 0.1 | 32.6 | 5.1 | 182 | 1.12 | 1.3 | 3.2 | 0.9 | 43 | 0.3 | 1.1 | 0.2 | 24 | 0.39 | 0.053 | 9 |
| L24N750E | Soil | 1.1 | 58.6 | 15.3 | 204 | 0.5 | 75.1 | 13.3 | 392 | 3.00 | 24.0 | 5.4 | 1.3 | 15 | 1.2 | 13.3 | 0.3 | 44 | 0.45 | 0.116 | 23 |
| L24N700E | Soil | 1.3 | 17.5 | 5.8 | 43 | <0.1 | 26.3 | 4.8 | 314 | 2.03 | 6.4 | <0.5 | <0.1 | 9 | 0.5 | 0.7 | 0.3 | 48 | 0.19 | 0.060 | 6 |
| L24N650E | Soil | 1.7 | 48.8 | 13.5 | 231 | 0.6 | 65.5 | 12.0 | 1051 | 2.92 | 40.2 | 6.0 | 0.6 | 19 | 2.3 | 24.0 | 0.3 | 36 | 0.85 | 0.114 | 18 |
| L24N600E | Soil | 1.4 | 20.4 | 8.7 | 152 | 0.6 | 32.7 | 7.8 | 745 | 2.38 | 12.1 | 1.5 | 1.3 | 13 | 0.9 | 2.7 | 0.3 | 47 | 0.45 | 0.061 | 10 |
| L24N550E | Soil | 1.9 | 17.0 | 5.4 | 47 | <0.1 | 25.5 | 4.8 | 198 | 2.54 | 8.5 | <0.5 | 0.8 | 6 | 0.3 | 1.1 | 0.1 | 51 | 0.11 | 0.069 | 6 |
| L24N500E | Soil | 1.5 | 20.6 | 6.5 | 52 | <0.1 | 29.4 | 5.3 | 280 | 2.51 | 9.9 | 0.8 | 1.2 | 5 | 0.2 | 1.5 | 0.1 | 44 | 0.08 | 0.097 | 8 |
| L24N450E | Soil | 1.6 | 11.6 | 6.1 | 55 | 0.2 | 16.8 | 4.4 | 399 | 2.96 | 7.6 | <0.5 | 0.8 | 5 | 0.3 | 1.3 | 0.2 | 54 | 0.09 | 0.087 | 8 |
| L24N400E | Soil | 1.8 | 18.9 | 6.8 | 66 | 0.2 | 24.9 | 5.4 | 271 | 3.79 | 11.5 | <0.5 | 1.4 | 5 | 0.2 | 1.6 | 0.2 | 67 | 0.06 | 0.122 | 9 |

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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: September 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002092.1

| | | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L19S 1050W | Soil | | 25 | 0.41 | 488 | 0.014 | <20 | 1.46 | 0.005 | 0.08 | <0.1 | 0.03 | 2.6 | 0.1 | <0.05 | 5 | 1.0 | <0.2 |
| L19S 1100W | Soil | | 22 | 0.43 | 149 | 0.029 | <20 | 0.95 | 0.004 | 0.06 | <0.1 | 0.02 | 2.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L19S 1150W | Soil | | 55 | 0.36 | 117 | 0.462 | <20 | 1.83 | 0.012 | 0.03 | <0.1 | 0.04 | 3.8 | <0.1 | <0.05 | 11 | 0.8 | <0.2 |
| L19S 1200W | Soil | | 34 | 0.39 | 359 | 0.016 | <20 | 2.30 | 0.005 | 0.04 | <0.1 | 0.07 | 5.1 | 0.2 | <0.05 | 7 | 1.1 | <0.2 |
| L19S 1250W | Soil | | 17 | 0.13 | 162 | 0.013 | <20 | 0.90 | 0.004 | 0.05 | <0.1 | 0.03 | 2.1 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L19S 1300W | Soil | | 35 | 0.40 | 484 | 0.011 | <20 | 2.21 | 0.005 | 0.05 | <0.1 | 0.07 | 4.1 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L19S 1350W | Soil | | 25 | 0.26 | 462 | 0.007 | <20 | 1.55 | 0.005 | 0.07 | <0.1 | 0.04 | 3.8 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L19S 1400W | Soil | | 28 | 0.42 | 339 | 0.010 | <20 | 1.49 | 0.006 | 0.05 | <0.1 | 0.23 | 5.1 | 0.1 | <0.05 | 5 | 1.3 | <0.2 |
| L19S 1450W | Soil | | 14 | 0.05 | 228 | 0.002 | <20 | 0.57 | 0.004 | 0.07 | <0.1 | 0.15 | 2.8 | 0.2 | <0.05 | 3 | 0.5 | <0.2 |
| L19S 1500W | Soil | | 44 | 0.43 | 582 | 0.003 | <20 | 1.37 | 0.006 | 0.07 | <0.1 | 0.43 | 4.9 | 0.2 | 0.07 | 4 | 2.9 | <0.2 |
| L19S 1550W | Soil | | 30 | 0.51 | 138 | 0.015 | <20 | 1.76 | 0.004 | 0.07 | <0.1 | 0.06 | 3.0 | 0.1 | <0.05 | 4 | 0.8 | <0.2 |
| L19S 1600W | Soil | | 19 | 0.39 | 140 | 0.023 | <20 | 1.03 | 0.003 | 0.07 | <0.1 | 0.02 | 1.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L19S 1650W | Soil | | 58 | 0.67 | 341 | 0.061 | <20 | 1.55 | 0.004 | 0.13 | <0.1 | 0.03 | 4.1 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L19S 1700W | Soil | | 29 | 0.07 | 145 | 0.009 | <20 | 0.61 | 0.002 | 0.09 | <0.1 | 0.02 | 2.8 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L19S 1750W | Soil | | 9 | 0.09 | 121 | 0.003 | <20 | 1.07 | 0.003 | 0.09 | <0.1 | 0.03 | 1.4 | 0.3 | <0.05 | 5 | 0.5 | <0.2 |
| L19S 1800W | Soil | | 29 | 0.27 | 52 | 0.063 | <20 | 0.81 | 0.003 | 0.06 | <0.1 | 0.02 | 1.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L19S 1850W | Soil | | 22 | 0.16 | 232 | 0.004 | <20 | 0.93 | 0.001 | 0.11 | <0.1 | 0.14 | 2.9 | 0.2 | <0.05 | 4 | 0.6 | <0.2 |
| L19S 1900W | Soil | | 45 | 0.21 | 120 | 0.012 | <20 | 0.73 | 0.004 | 0.06 | <0.1 | 0.01 | 2.0 | <0.1 | <0.05 | 6 | 0.6 | <0.2 |
| L19S 1950W | Soil | | 13 | 0.05 | 102 | 0.002 | <20 | 0.48 | 0.003 | 0.08 | <0.1 | 0.36 | 2.0 | 0.1 | <0.05 | 2 | 0.6 | <0.2 |
| L24N1100E | Soil | | 43 | 0.42 | 202 | 0.029 | <20 | 0.79 | 0.004 | 0.07 | 0.2 | 0.14 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L24N1050E | Soil | | 55 | 0.70 | 156 | 0.035 | <20 | 1.06 | 0.004 | 0.07 | <0.1 | 0.20 | 3.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L24N950E | Soil | | 50 | 0.53 | 220 | 0.023 | <20 | 0.96 | 0.005 | 0.07 | <0.1 | 0.32 | 2.9 | 0.1 | <0.05 | 3 | 0.7 | <0.2 |
| L24N750E | Soil | | 80 | 0.81 | 342 | 0.011 | <20 | 1.99 | 0.007 | 0.08 | 0.1 | 4.33 | 5.2 | 1.6 | <0.05 | 5 | 0.8 | <0.2 |
| L24N700E | Soil | | 71 | 0.26 | 70 | 0.034 | <20 | 0.71 | 0.005 | 0.03 | <0.1 | 0.05 | 0.9 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L24N650E | Soil | | 69 | 0.66 | 196 | 0.016 | <20 | 1.30 | 0.006 | 0.07 | <0.1 | 3.38 | 3.4 | 0.9 | <0.05 | 3 | 0.9 | <0.2 |
| L24N600E | Soil | | 60 | 0.54 | 232 | 0.019 | <20 | 1.69 | 0.004 | 0.06 | <0.1 | 5.15 | 3.4 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L24N550E | Soil | | 67 | 0.32 | 74 | 0.056 | <20 | 1.04 | 0.004 | 0.03 | <0.1 | 0.06 | 1.8 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L24N500E | Soil | | 54 | 0.43 | 69 | 0.037 | <20 | 1.37 | 0.003 | 0.04 | <0.1 | 0.17 | 2.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L24N450E | Soil | | 61 | 0.29 | 57 | 0.058 | <20 | 1.37 | 0.004 | 0.02 | <0.1 | 1.86 | 2.2 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L24N400E | Soil | | 78 | 0.44 | 77 | 0.058 | <20 | 2.05 | 0.003 | 0.03 | <0.1 | 0.46 | 3.4 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |

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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Project: Lustdust
Report Date: September 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002092.1

| | | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 |
| L24N350E | Soil | | 1.5 | 14.2 | 7.8 | 44 | 0.2 | 17.8 | 3.6 | 188 | 2.65 | 8.7 | <0.5 | 1.4 | 6 | 0.2 | 1.1 | 0.2 | 63 | 0.09 | 0.062 | 9 |
| L24N300E | Soil | | 1.9 | 22.8 | 7.0 | 51 | 0.2 | 26.8 | 5.4 | 325 | 3.05 | 12.5 | <0.5 | 0.7 | 7 | <0.1 | 1.8 | 0.2 | 59 | 0.12 | 0.114 | 9 |
| L24N250E | Soil | | 1.9 | 16.8 | 8.7 | 48 | <0.1 | 23.1 | 5.2 | 370 | 3.06 | 10.7 | <0.5 | 1.1 | 6 | 0.2 | 1.6 | 0.2 | 60 | 0.08 | 0.084 | 11 |
| L24N200E | Soil | | 1.7 | 15.5 | 7.6 | 45 | 0.3 | 19.2 | 4.6 | 336 | 1.83 | 7.0 | 0.6 | 0.5 | 9 | 0.2 | 1.2 | 0.2 | 43 | 0.12 | 0.031 | 12 |
| L24N150E | Soil | | 1.8 | 17.6 | 6.6 | 42 | 0.2 | 25.4 | 4.6 | 202 | 2.06 | 10.9 | 2.0 | 0.5 | 7 | 0.3 | 1.5 | 0.1 | 34 | 0.10 | 0.048 | 10 |
| L24N100E | Soil | | 2.3 | 21.5 | 8.9 | 63 | 0.2 | 25.4 | 6.5 | 333 | 3.13 | 9.5 | 0.9 | 1.3 | 6 | 0.2 | 1.6 | 0.2 | 52 | 0.07 | 0.056 | 11 |
| L24N050E | Soil | | 2.2 | 13.4 | 8.3 | 45 | <0.1 | 15.1 | 4.5 | 270 | 1.87 | 11.6 | 10.1 | 0.3 | 7 | 0.2 | 1.3 | 0.2 | 41 | 0.10 | 0.049 | 12 |
| L24N00W | Soil | | 2.9 | 33.0 | 10.6 | 79 | 0.2 | 35.5 | 8.6 | 493 | 4.00 | 16.1 | 1.2 | 1.6 | 7 | 0.3 | 2.5 | 0.2 | 54 | 0.07 | 0.090 | 11 |
| L24N050W | Soil | | 2.2 | 43.9 | 7.7 | 71 | 0.7 | 31.9 | 7.0 | 334 | 2.36 | 11.3 | 3.9 | 0.2 | 11 | 0.3 | 1.5 | 0.2 | 36 | 0.17 | 0.062 | 20 |
| L24N100W | Soil | | 3.6 | 31.1 | 12.9 | 90 | 0.5 | 37.3 | 12.3 | 642 | 2.90 | 16.1 | 2.5 | 0.2 | 14 | 0.3 | 1.9 | 0.3 | 47 | 0.19 | 0.073 | 14 |
| L24N150W | Soil | | 3.1 | 30.1 | 9.0 | 88 | 0.2 | 33.3 | 10.2 | 873 | 2.66 | 10.7 | 1.9 | 0.2 | 17 | 0.6 | 1.5 | 0.2 | 41 | 0.25 | 0.069 | 15 |
| L24N200W | Soil | | 3.1 | 33.7 | 10.2 | 88 | 0.2 | 37.1 | 7.9 | 423 | 3.68 | 15.2 | 4.8 | 0.4 | 11 | 0.4 | 2.1 | 0.2 | 44 | 0.16 | 0.040 | 12 |
| L26N 1050E | Soil | | 2.0 | 35.7 | 6.7 | 67 | <0.1 | 45.6 | 8.7 | 468 | 2.45 | 7.7 | 5.2 | 2.0 | 11 | 0.2 | 1.3 | 0.1 | 38 | 0.16 | 0.063 | 13 |
| L26N 1000E | Soil | | 1.7 | 28.8 | 6.9 | 63 | 0.2 | 39.0 | 8.2 | 346 | 2.38 | 6.0 | 1.8 | 1.5 | 11 | 0.3 | 0.8 | 0.2 | 36 | 0.13 | 0.080 | 12 |
| L26N 900E | Soil | | 1.2 | 22.3 | 5.0 | 50 | <0.1 | 39.2 | 9.6 | 623 | 2.01 | 4.1 | 1.8 | 0.7 | 12 | 0.2 | 0.7 | 0.1 | 36 | 0.20 | 0.063 | 10 |
| L26N 850E | Soil | | 0.2 | 11.8 | 6.0 | 56 | 0.2 | 33.0 | 5.7 | 231 | 1.76 | 2.8 | 2.0 | 0.5 | 12 | 0.1 | 0.3 | 0.1 | 35 | 0.14 | 0.039 | 10 |
| L26N 800E | Soil | | 0.5 | 29.0 | 25.4 | 31 | 0.1 | 29.6 | 8.6 | 154 | 1.28 | 1.7 | 2.8 | 0.6 | 21 | <0.1 | 0.3 | 0.5 | 48 | 0.30 | 0.064 | 9 |
| L26N 750E | Soil | | 1.4 | 30.7 | 33.1 | 31 | 0.1 | 35.4 | 14.3 | 194 | 2.43 | 2.7 | 2.6 | 0.9 | 31 | <0.1 | 0.3 | 0.6 | 79 | 0.31 | 0.072 | 11 |
| L26N 700E | Soil | | 1.8 | 33.3 | 35.0 | 35 | 0.1 | 33.8 | 13.9 | 177 | 3.04 | 3.1 | 8.4 | 1.0 | 32 | <0.1 | 0.3 | 0.6 | 64 | 0.33 | 0.074 | 11 |
| L26N 650E | Soil | | 1.6 | 31.9 | 25.1 | 31 | 0.2 | 32.2 | 10.8 | 165 | 2.11 | 10.7 | 7.4 | 0.5 | 43 | 0.1 | 2.5 | 0.4 | 61 | 0.44 | 0.069 | 7 |
| L26N 600E | Soil | | 2.4 | 70.3 | 17.6 | 259 | 0.5 | 88.7 | 18.8 | 499 | 3.91 | 64.1 | 11.0 | 1.1 | 13 | 2.8 | 40.6 | 0.2 | 53 | 0.29 | 0.090 | 21 |
| L26N 550E | Soil | | 1.4 | 18.7 | 8.3 | 124 | 0.3 | 32.1 | 8.1 | 329 | 2.85 | 8.7 | 2.2 | 1.0 | 9 | 0.7 | 2.7 | 0.2 | 60 | 0.20 | 0.106 | 9 |
| L26N 500E | Soil | | 1.3 | 14.9 | 7.4 | 91 | 0.3 | 30.8 | 7.7 | 298 | 2.04 | 7.1 | 5.2 | 1.3 | 7 | 0.3 | 1.3 | 0.2 | 48 | 0.12 | 0.037 | 11 |
| L26N 450E | Soil | | 1.7 | 40.6 | 7.9 | 69 | 0.2 | 61.8 | 11.7 | 521 | 2.64 | 11.4 | 4.9 | 1.7 | 9 | 0.7 | 2.3 | 0.2 | 42 | 0.28 | 0.065 | 15 |
| L26N 400E | Soil | | 1.4 | 19.8 | 8.6 | 118 | 0.2 | 58.2 | 12.0 | 535 | 2.95 | 11.6 | 7.3 | 1.1 | 8 | 1.1 | 2.6 | 0.2 | 55 | 0.23 | 0.069 | 11 |
| L26N 350E | Soil | | 1.8 | 25.6 | 10.7 | 128 | 0.3 | 44.0 | 8.9 | 309 | 3.83 | 14.5 | 1.7 | 1.1 | 7 | 1.1 | 2.2 | 0.3 | 76 | 0.15 | 0.035 | 10 |
| L26N 300E | Soil | | 1.4 | 25.2 | 10.9 | 126 | 0.3 | 48.8 | 10.6 | 547 | 2.91 | 14.6 | 5.5 | 2.2 | 13 | 2.4 | 4.5 | 0.2 | 63 | 0.89 | 0.087 | 19 |
| L26N 250E | Soil | | 2.3 | 62.9 | 11.9 | 113 | 0.3 | 83.0 | 17.5 | 1123 | 3.51 | 17.8 | 8.4 | 2.6 | 23 | 1.8 | 4.4 | 0.2 | 45 | 2.29 | 0.098 | 23 |
| L26N 200E | Soil | | 1.2 | 13.1 | 6.9 | 65 | 0.1 | 20.7 | 4.1 | 252 | 2.37 | 7.4 | 2.5 | 0.9 | 6 | 0.4 | 1.9 | 0.2 | 52 | 0.10 | 0.036 | 10 |
| L26N 150E | Soil | | 1.2 | 10.1 | 8.8 | 38 | 0.1 | 14.8 | 2.9 | 172 | 1.75 | 6.9 | 1.6 | 1.6 | 5 | 0.2 | 1.0 | 0.2 | 46 | 0.07 | 0.029 | 14 |

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Project: Lustdust
Report Date: September 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002092.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L24N350E | Soil | 65 | 0.30 | 71 | 0.063 | <20 | 1.66 | 0.004 | 0.03 | <0.1 | 0.87 | 2.8 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L24N300E | Soil | 57 | 0.47 | 60 | 0.039 | <20 | 1.13 | 0.004 | 0.04 | <0.1 | 0.34 | 2.5 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L24N250E | Soil | 52 | 0.45 | 66 | 0.056 | <20 | 1.50 | 0.003 | 0.05 | <0.1 | 0.58 | 2.5 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L24N200E | Soil | 39 | 0.41 | 143 | 0.050 | <20 | 1.13 | 0.004 | 0.07 | <0.1 | 0.30 | 1.7 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L24N150E | Soil | 48 | 0.47 | 83 | 0.035 | <20 | 1.19 | 0.003 | 0.04 | <0.1 | 0.48 | 1.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L24N100E | Soil | 49 | 0.54 | 90 | 0.032 | <20 | 1.86 | 0.003 | 0.06 | <0.1 | 0.12 | 2.8 | 0.2 | <0.05 | 7 | 0.7 | <0.2 |
| L24N050E | Soil | 36 | 0.40 | 157 | 0.041 | <20 | 1.04 | 0.003 | 0.06 | <0.1 | 0.49 | 1.5 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L24N00W | Soil | 54 | 0.63 | 84 | 0.033 | <20 | 1.63 | 0.004 | 0.06 | <0.1 | 0.13 | 3.1 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L24N050W | Soil | 49 | 0.62 | 124 | 0.016 | <20 | 1.75 | 0.004 | 0.05 | <0.1 | 0.69 | 1.8 | 0.1 | <0.05 | 5 | 0.6 | <0.2 |
| L24N100W | Soil | 53 | 0.66 | 277 | 0.014 | <20 | 1.64 | 0.004 | 0.09 | <0.1 | 0.32 | 1.9 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L24N150W | Soil | 49 | 0.62 | 423 | 0.014 | <20 | 1.53 | 0.005 | 0.10 | <0.1 | 0.18 | 1.9 | 0.2 | <0.05 | 5 | 0.5 | <0.2 |
| L24N200W | Soil | 52 | 0.68 | 198 | 0.022 | <20 | 1.78 | 0.004 | 0.08 | <0.1 | 0.40 | 2.2 | 0.1 | <0.05 | 5 | 0.8 | <0.2 |
| L26N 1050E | Soil | 56 | 0.67 | 106 | 0.052 | <20 | 1.12 | 0.004 | 0.07 | <0.1 | 0.12 | 3.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L26N 1000E | Soil | 54 | 0.67 | 147 | 0.039 | <20 | 1.10 | 0.004 | 0.06 | 0.2 | 0.20 | 2.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L26N 900E | Soil | 62 | 0.57 | 140 | 0.038 | <20 | 0.91 | 0.005 | 0.05 | <0.1 | 0.04 | 2.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L26N 850E | Soil | 66 | 0.70 | 259 | 0.010 | <20 | 1.50 | 0.005 | 0.05 | <0.1 | 0.18 | 2.6 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L26N 800E | Soil | 101 | 0.77 | 195 | 0.025 | <20 | 0.98 | 0.014 | 0.05 | 0.5 | 0.09 | 4.2 | 0.1 | <0.05 | 3 | 0.6 | <0.2 |
| L26N 750E | Soil | 123 | 0.78 | 260 | 0.031 | <20 | 0.92 | 0.015 | 0.06 | 1.0 | 0.26 | 5.6 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| L26N 700E | Soil | 110 | 0.81 | 205 | 0.028 | <20 | 0.94 | 0.015 | 0.07 | 1.4 | 0.05 | 5.8 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| L26N 650E | Soil | 106 | 0.75 | 212 | 0.026 | <20 | 0.97 | 0.014 | 0.05 | 0.4 | 0.20 | 4.8 | 0.2 | <0.05 | 3 | 1.2 | <0.2 |
| L26N 600E | Soil | 82 | 0.67 | 259 | 0.026 | <20 | 1.64 | 0.004 | 0.07 | 0.2 | 5.39 | 5.9 | 1.0 | <0.05 | 4 | 0.7 | <0.2 |
| L26N 550E | Soil | 73 | 0.45 | 105 | 0.049 | <20 | 1.65 | 0.004 | 0.04 | <0.1 | 28.81 | 2.9 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L26N 500E | Soil | 59 | 0.40 | 123 | 0.042 | <20 | 1.67 | 0.003 | 0.03 | <0.1 | 5.59 | 2.7 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L26N 450E | Soil | 70 | 0.66 | 131 | 0.044 | <20 | 1.47 | 0.003 | 0.06 | <0.1 | 2.60 | 3.9 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L26N 400E | Soil | 87 | 0.64 | 145 | 0.028 | <20 | 2.11 | 0.004 | 0.03 | <0.1 | 2.43 | 4.0 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L26N 350E | Soil | 77 | 0.64 | 162 | 0.044 | <20 | 2.19 | 0.004 | 0.04 | <0.1 | 1.11 | 4.2 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L26N 300E | Soil | 74 | 0.63 | 219 | 0.025 | <20 | 2.21 | 0.005 | 0.04 | <0.1 | 4.53 | 5.8 | 0.2 | <0.05 | 6 | 0.7 | <0.2 |
| L26N 250E | Soil | 76 | 1.00 | 199 | 0.039 | <20 | 1.85 | 0.006 | 0.10 | <0.1 | 3.13 | 6.0 | 0.2 | <0.05 | 4 | 0.8 | <0.2 |
| L26N 200E | Soil | 51 | 0.43 | 67 | 0.038 | <20 | 1.62 | 0.004 | 0.03 | <0.1 | 0.18 | 3.2 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L26N 150E | Soil | 38 | 0.36 | 103 | 0.037 | <20 | 1.50 | 0.003 | 0.05 | <0.1 | 0.12 | 2.9 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |

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Project: Lustdust
Report Date: September 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002092.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L26N 100E | Soil | 2.5 | 21.0 | 8.5 | 57 | 0.2 | 26.6 | 6.0 | 432 | 3.05 | 15.5 | 3.9 | 0.8 | 6 | 0.3 | 1.9 | 0.2 | 49 | 0.10 | 0.057 | 10 |
| L26N 050E | Soil | 1.7 | 17.4 | 6.5 | 52 | 0.2 | 15.5 | 4.6 | 883 | 2.13 | 8.1 | 2.2 | 1.1 | 6 | 0.3 | 1.6 | 0.2 | 48 | 0.09 | 0.079 | 13 |
| L26N 000W | Soil | 4.0 | 41.1 | 8.5 | 73 | 0.3 | 34.4 | 8.9 | 548 | 2.50 | 8.7 | 3.2 | 0.2 | 23 | 0.5 | 1.3 | 0.2 | 45 | 0.32 | 0.056 | 15 |
| L26N 050W | Soil | 2.0 | 24.6 | 8.3 | 63 | 0.2 | 29.5 | 6.6 | 379 | 2.94 | 10.5 | 2.1 | 0.2 | 7 | 0.3 | 1.6 | 0.3 | 61 | 0.10 | 0.064 | 12 |
| L26N 100W | Soil | 3.2 | 30.3 | 7.9 | 85 | 0.1 | 44.8 | 9.3 | 545 | 3.47 | 12.2 | 2.7 | 0.7 | 8 | 0.3 | 1.7 | 0.2 | 50 | 0.11 | 0.052 | 13 |
| L26N 150W | Soil | 2.6 | 23.1 | 9.9 | 50 | 0.1 | 21.4 | 4.2 | 246 | 2.34 | 11.5 | 2.6 | 0.4 | 23 | 0.4 | 1.4 | 0.3 | 47 | 0.34 | 0.029 | 15 |
| L26N 200W | Soil | 4.1 | 47.0 | 14.2 | 175 | 0.8 | 52.5 | 22.5 | 3193 | 3.04 | 22.1 | 6.5 | 0.4 | 31 | 3.8 | 3.6 | 0.3 | 41 | 0.38 | 0.087 | 18 |
| L12N 2000E | Soil | 1.7 | 55.5 | 35.6 | 67 | 0.2 | 52.2 | 25.3 | 446 | 6.58 | 6.5 | 2.3 | 0.6 | 31 | <0.1 | 0.9 | 0.4 | 285 | 0.59 | 0.146 | 3 |
| L12N 1950E | Soil | 1.2 | 14.8 | 11.4 | 58 | 0.2 | 41.1 | 14.1 | 225 | 3.31 | 5.2 | 2.8 | 0.7 | 12 | 0.1 | 0.6 | 0.5 | 103 | 0.29 | 0.046 | 3 |
| L12N 1900E | Soil | 1.4 | 18.8 | 11.9 | 47 | 0.1 | 30.9 | 10.6 | 348 | 2.94 | 4.8 | 3.2 | 0.9 | 13 | <0.1 | 0.7 | 0.2 | 92 | 0.25 | 0.042 | 6 |
| L12N 1850E | Soil | 1.9 | 25.5 | 6.8 | 72 | 0.2 | 23.5 | 5.3 | 249 | 2.09 | 7.9 | 9.2 | 2.5 | 6 | 0.3 | 1.2 | 0.2 | 30 | 0.09 | 0.079 | 15 |
| L12N 1800E | Soil | 1.6 | 25.5 | 9.2 | 53 | 0.2 | 21.5 | 4.0 | 206 | 1.96 | 9.3 | 5.5 | 2.2 | 7 | 0.3 | 1.3 | 0.2 | 29 | 0.07 | 0.072 | 14 |
| L12N 1700E | Soil | 4.0 | 71.6 | 24.7 | 396 | 0.4 | 33.2 | 13.0 | 812 | 3.09 | 164.0 | 19.3 | 1.5 | 31 | 2.4 | 10.7 | 1.0 | 39 | 0.64 | 0.092 | 14 |
| L12N 1650E | Soil | 3.8 | 83.4 | 23.3 | 450 | 0.4 | 34.4 | 12.7 | 813 | 2.92 | 159.5 | 8.3 | 1.4 | 30 | 2.8 | 10.3 | 1.0 | 37 | 0.58 | 0.085 | 14 |
| L12N 1600E | Soil | 4.8 | 95.9 | 30.1 | 416 | 0.4 | 36.0 | 13.9 | 888 | 3.10 | 164.4 | 8.7 | 1.3 | 19 | 2.8 | 12.9 | 1.3 | 38 | 0.38 | 0.090 | 17 |
| L12N 1550E | Soil | 3.6 | 84.0 | 24.5 | 385 | 0.4 | 36.3 | 12.4 | 849 | 3.01 | 181.8 | 7.9 | 1.4 | 21 | 2.5 | 11.5 | 0.9 | 38 | 0.44 | 0.075 | 16 |

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**Client:** **Mincord Exploration Consultants Ltd.**
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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: September 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002092.1

| | | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L26N 100E | Soil | | 56 | 0.47 | 71 | 0.041 | <20 | 1.43 | 0.004 | 0.04 | <0.1 | 0.34 | 2.4 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L26N 050E | Soil | | 49 | 0.29 | 132 | 0.027 | <20 | 1.64 | 0.003 | 0.05 | <0.1 | 0.17 | 2.7 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L26N 000W | Soil | | 53 | 0.51 | 388 | 0.020 | <20 | 1.45 | 0.004 | 0.09 | <0.1 | 0.34 | 2.0 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L26N 050W | Soil | | 54 | 0.56 | 126 | 0.028 | <20 | 1.60 | 0.003 | 0.07 | <0.1 | 0.85 | 2.0 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L26N 100W | Soil | | 57 | 0.88 | 151 | 0.034 | <20 | 1.89 | 0.004 | 0.08 | <0.1 | 0.13 | 2.7 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L26N 150W | Soil | | 44 | 0.40 | 261 | 0.038 | <20 | 1.36 | 0.005 | 0.07 | <0.1 | 0.24 | 2.2 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L26N 200W | Soil | | 52 | 0.66 | 432 | 0.012 | <20 | 1.76 | 0.005 | 0.09 | <0.1 | 1.20 | 2.8 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L12N 2000E | Soil | | 140 | 1.69 | 200 | 0.186 | <20 | 1.64 | 0.028 | 0.06 | <0.1 | 0.09 | 5.2 | <0.1 | <0.05 | 9 | <0.5 | <0.2 |
| L12N 1950E | Soil | | 214 | 0.99 | 150 | 0.096 | <20 | 1.00 | 0.014 | 0.06 | <0.1 | 0.07 | 3.1 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L12N 1900E | Soil | | 59 | 0.70 | 163 | 0.049 | <20 | 1.13 | 0.011 | 0.05 | 0.1 | 0.16 | 3.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L12N 1850E | Soil | | 32 | 0.50 | 109 | 0.022 | <20 | 1.34 | 0.003 | 0.06 | <0.1 | 0.32 | 2.4 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L12N 1800E | Soil | | 32 | 0.39 | 105 | 0.023 | <20 | 1.15 | 0.003 | 0.05 | <0.1 | 0.27 | 2.1 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L12N 1700E | Soil | | 34 | 0.71 | 151 | 0.035 | <20 | 1.19 | 0.007 | 0.08 | 0.6 | 0.66 | 3.9 | 0.2 | <0.05 | 4 | 0.6 | 0.3 |
| L12N 1650E | Soil | | 32 | 0.69 | 159 | 0.036 | <20 | 1.12 | 0.007 | 0.08 | 0.5 | 0.37 | 4.0 | 0.1 | <0.05 | 4 | 0.9 | <0.2 |
| L12N 1600E | Soil | | 33 | 0.72 | 158 | 0.032 | <20 | 1.29 | 0.006 | 0.08 | 0.5 | 0.27 | 3.7 | 0.2 | <0.05 | 4 | 0.9 | 0.3 |
| L12N 1550E | Soil | | 35 | 0.72 | 161 | 0.035 | <20 | 1.27 | 0.006 | 0.09 | 0.4 | 0.30 | 4.0 | 0.2 | <0.05 | 4 | 0.8 | <0.2 |

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# QUALITY CONTROL REPORT VAN17002092.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | | | | | | | | | | | | | | | | | | | | | |
| L1S 2250W | Soil | 1.6 | 29.5 | 10.6 | 68 | 0.5 | 18.5 | 7.8 | 314 | 2.13 | 4.0 | 0.8 | 0.4 | 25 | 0.4 | 0.7 | 0.2 | 55 | 0.36 | 0.062 | 16 |
| REP L1S 2250W | QC | 1.5 | 30.4 | 10.9 | 66 | 0.6 | 18.6 | 7.6 | 304 | 2.12 | 3.6 | 0.8 | 0.4 | 24 | 0.3 | 0.7 | 0.2 | 55 | 0.40 | 0.065 | 16 |
| L3S 2600W | Soil | 3.0 | 38.1 | 6.4 | 50 | 0.2 | 15.9 | 5.2 | 204 | 3.67 | 6.2 | 1.2 | 0.7 | 6 | <0.1 | 0.8 | 0.2 | 64 | 0.08 | 0.077 | 18 |
| REP L3S 2600W | QC | 2.8 | 37.5 | 6.5 | 49 | 0.2 | 15.5 | 5.1 | 204 | 3.64 | 6.0 | 0.7 | 0.7 | 6 | 0.1 | 0.8 | 0.2 | 67 | 0.08 | 0.071 | 18 |
| L19S 1000W | Soil | 7.1 | 62.5 | 18.5 | 117 | 0.2 | 19.2 | 9.9 | 292 | 3.72 | 19.5 | 6.3 | 3.3 | 29 | 0.1 | 2.2 | 0.5 | 26 | 0.15 | 0.026 | 29 |
| REP L19S 1000W | QC | 7.2 | 68.3 | 19.5 | 124 | 0.2 | 19.8 | 10.4 | 279 | 3.56 | 19.3 | 7.1 | 3.4 | 29 | 0.2 | 2.3 | 0.5 | 26 | 0.15 | 0.025 | 28 |
| L19S 1850W | Soil | 2.5 | 95.5 | 18.2 | 121 | <0.1 | 35.0 | 10.1 | 416 | 4.17 | 5.8 | <0.5 | 4.1 | 9 | 0.1 | 0.6 | 0.9 | 28 | 0.06 | 0.086 | 20 |
| REP L19S 1850W | QC | 2.2 | 95.7 | 18.3 | 124 | <0.1 | 35.1 | 10.3 | 401 | 4.23 | 6.2 | <0.5 | 3.9 | 9 | 0.1 | 0.6 | 1.0 | 28 | 0.06 | 0.091 | 20 |
| L12N 1850E | Soil | 1.9 | 25.5 | 6.8 | 72 | 0.2 | 23.5 | 5.3 | 249 | 2.09 | 7.9 | 9.2 | 2.5 | 6 | 0.3 | 1.2 | 0.2 | 30 | 0.09 | 0.079 | 15 |
| REP L12N 1850E | QC | 1.8 | 25.4 | 6.8 | 68 | 0.2 | 22.1 | 5.1 | 232 | 2.07 | 7.1 | 6.5 | 2.3 | 6 | 0.2 | 1.1 | 0.1 | 29 | 0.08 | 0.075 | 13 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS11 | Standard | 13.9 | 146.1 | 135.9 | 324 | 1.8 | 75.6 | 13.6 | 1018 | 2.98 | 41.0 | 55.7 | 7.0 | 65 | 2.4 | 7.6 | 11.4 | 49 | 0.97 | 0.069 | 17 |
| STD DS11 | Standard | 13.6 | 143.1 | 132.4 | 326 | 1.6 | 78.5 | 13.0 | 1029 | 3.05 | 41.4 | 353.7 | 6.9 | 66 | 2.3 | 8.3 | 11.8 | 49 | 1.05 | 0.071 | 17 |
| STD DS11 | Standard | 12.6 | 147.4 | 132.4 | 323 | 1.6 | 73.3 | 12.7 | 1017 | 3.04 | 40.0 | 109.7 | 7.0 | 63 | 2.2 | 8.0 | 11.6 | 47 | 0.99 | 0.065 | 17 |
| STD DS11 | Standard | 13.9 | 154.0 | 139.4 | 341 | 1.6 | 79.4 | 13.6 | 1011 | 3.09 | 43.0 | 63.0 | 6.8 | 65 | 2.6 | 9.2 | 11.9 | 51 | 1.01 | 0.072 | 18 |
| STD DS11 | Standard | 13.7 | 152.8 | 136.2 | 350 | 2.1 | 83.3 | 13.8 | 1052 | 3.09 | 44.5 | 130.4 | 7.1 | 66 | 2.8 | 8.0 | 12.0 | 48 | 1.03 | 0.072 | 17 |
| STD DS11 | Standard | 14.1 | 146.2 | 134.7 | 346 | 1.6 | 77.2 | 13.4 | 990 | 3.04 | 45.0 | 110.0 | 7.2 | 66 | 2.4 | 8.9 | 12.0 | 49 | 1.00 | 0.068 | 18 |
| STD OREAS45EA | Standard | 1.5 | 647.8 | 13.2 | 29 | 0.2 | 348.4 | 49.5 | 360 | 20.85 | 10.1 | 51.2 | 9.7 | 3 | <0.1 | 0.3 | 0.2 | 275 | 0.04 | 0.026 | 7 |
| STD OREAS45EA | Standard | 1.6 | 636.8 | 13.1 | 29 | 0.2 | 346.3 | 50.2 | 381 | 21.62 | 10.4 | 55.8 | 10.0 | 3 | <0.1 | 0.4 | 0.3 | 282 | 0.03 | 0.028 | 7 |
| STD OREAS45EA | Standard | 1.5 | 643.5 | 12.8 | 29 | 0.2 | 362.2 | 49.9 | 382 | 21.93 | 10.5 | 49.6 | 10.0 | 3 | <0.1 | 0.3 | 0.3 | 271 | 0.03 | 0.027 | 7 |
| STD OREAS45EA | Standard | 1.7 | 660.5 | 13.4 | 30 | 0.2 | 368.8 | 51.0 | 390 | 21.48 | 10.9 | 44.1 | 9.8 | 3 | <0.1 | 0.3 | 0.3 | 294 | 0.03 | 0.029 | 7 |
| STD OREAS45EA | Standard | 1.7 | 692.2 | 13.9 | 31 | 0.2 | 364.9 | 48.7 | 427 | 22.54 | 12.1 | 53.4 | 10.4 | 4 | <0.1 | 0.5 | 0.3 | 277 | 0.03 | 0.025 | 7 |
| STD OREAS45EA | Standard | 1.6 | 667.2 | 14.0 | 30 | 0.3 | 355.7 | 52.0 | 409 | 25.88 | 11.7 | 51.7 | 9.6 | 4 | <0.1 | 0.4 | 0.3 | 273 | 0.04 | 0.027 | 7 |
| STD OREAS45EA Expected | | 1.6 | 709 | 14.3 | 31.4 | 0.26 | 381 | 52 | 400 | 23.51 | 10.3 | 53 | 10.7 | 3.5 | 0.03 | 0.32 | 0.26 | 303 | 0.036 | 0.029 | 7.06 |
| STD DS11 Expected | | 13.9 | 156 | 138 | 345 | 1.71 | 81.9 | 14.2 | 1055 | 3.2082 | 42.8 | 79 | 7.65 | 67.3 | 2.37 | 7.2 | 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 |

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# QUALITY CONTROL REPORT VAN17002092.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | |
| L1S 2250W | Soil | 38 | 0.74 | 337 | 0.015 | <20 | 1.95 | 0.007 | 0.06 | <0.1 | 0.07 | 3.9 | 0.2 | <0.05 | 6 | 0.7 | <0.2 |
| REP L1S 2250W | QC | 39 | 0.74 | 333 | 0.015 | <20 | 1.96 | 0.008 | 0.06 | <0.1 | 0.07 | 3.9 | 0.2 | <0.05 | 6 | 0.9 | <0.2 |
| L3S 2600W | Soil | 29 | 0.41 | 74 | 0.046 | <20 | 1.65 | 0.002 | 0.03 | 0.1 | 0.04 | 2.3 | 0.1 | <0.05 | 6 | 0.7 | <0.2 |
| REP L3S 2600W | QC | 29 | 0.40 | 72 | 0.044 | <20 | 1.59 | 0.003 | 0.03 | <0.1 | 0.04 | 2.4 | 0.1 | <0.05 | 6 | 0.6 | <0.2 |
| L19S 1000W | Soil | 10 | 0.04 | 229 | 0.002 | <20 | 0.63 | 0.001 | 0.11 | <0.1 | 0.15 | 2.0 | <0.1 | <0.05 | 2 | 1.0 | <0.2 |
| REP L19S 1000W | QC | 10 | 0.05 | 223 | 0.002 | <20 | 0.67 | <0.001 | 0.12 | <0.1 | 0.15 | 2.0 | 0.1 | <0.05 | 2 | 1.2 | <0.2 |
| L19S 1850W | Soil | 22 | 0.16 | 232 | 0.004 | <20 | 0.93 | 0.001 | 0.11 | <0.1 | 0.14 | 2.9 | 0.2 | <0.05 | 4 | 0.6 | <0.2 |
| REP L19S 1850W | QC | 21 | 0.16 | 234 | 0.004 | <20 | 0.90 | 0.002 | 0.11 | <0.1 | 0.12 | 2.9 | 0.2 | <0.05 | 4 | 0.6 | <0.2 |
| L12N 1850E | Soil | 32 | 0.50 | 109 | 0.022 | <20 | 1.34 | 0.003 | 0.06 | <0.1 | 0.32 | 2.4 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP L12N 1850E | QC | 31 | 0.48 | 108 | 0.018 | <20 | 1.37 | 0.003 | 0.05 | <0.1 | 0.39 | 2.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| Reference Materials | | | | | | | | | | | | | | | | | |
| STD DS11 | Standard | 56 | 0.84 | 406 | 0.089 | <20 | 1.02 | 0.068 | 0.38 | 2.7 | 0.22 | 3.0 | 4.7 | 0.25 | 4 | 1.9 | 4.4 |
| STD DS11 | Standard | 57 | 0.85 | 412 | 0.088 | <20 | 1.10 | 0.069 | 0.39 | 2.8 | 0.24 | 2.9 | 4.8 | 0.24 | 5 | 2.4 | 4.4 |
| STD DS11 | Standard | 55 | 0.81 | 420 | 0.086 | <20 | 1.05 | 0.070 | 0.38 | 2.8 | 0.25 | 2.7 | 4.7 | 0.28 | 4 | 1.7 | 4.5 |
| STD DS11 | Standard | 60 | 0.85 | 438 | 0.093 | <20 | 1.11 | 0.072 | 0.41 | 3.1 | 0.24 | 2.8 | 5.1 | 0.28 | 5 | 2.1 | 4.9 |
| STD DS11 | Standard | 59 | 0.82 | 436 | 0.090 | <20 | 1.09 | 0.060 | 0.40 | 2.8 | 0.24 | 3.3 | 4.9 | 0.28 | 5 | 2.0 | 4.2 |
| STD DS11 | Standard | 56 | 0.80 | 452 | 0.096 | <20 | 1.11 | 0.070 | 0.39 | 3.3 | 0.26 | 2.9 | 4.7 | 0.25 | 4 | 2.6 | 5.1 |
| STD OREAS45EA | Standard | 794 | 0.10 | 128 | 0.094 | <20 | 2.62 | 0.020 | 0.05 | <0.1 | <0.01 | 77.0 | <0.1 | <0.05 | 11 | 1.4 | <0.2 |
| STD OREAS45EA | Standard | 792 | 0.10 | 133 | 0.091 | <20 | 2.79 | 0.020 | 0.05 | <0.1 | <0.01 | 78.8 | <0.1 | <0.05 | 11 | 1.5 | <0.2 |
| STD OREAS45EA | Standard | 828 | 0.10 | 133 | 0.094 | <20 | 2.83 | 0.021 | 0.05 | <0.1 | <0.01 | 76.3 | <0.1 | <0.05 | 11 | 1.1 | <0.2 |
| STD OREAS45EA | Standard | 841 | 0.09 | 132 | 0.100 | <20 | 2.72 | 0.020 | 0.05 | <0.1 | <0.01 | 74.4 | <0.1 | <0.05 | 12 | 0.7 | <0.2 |
| STD OREAS45EA | Standard | 872 | 0.10 | 142 | 0.096 | <20 | 3.00 | 0.020 | 0.06 | <0.1 | 0.02 | 79.9 | <0.1 | <0.05 | 12 | 1.5 | <0.2 |
| STD OREAS45EA | Standard | 839 | 0.09 | 147 | 0.095 | <20 | 2.90 | 0.017 | 0.05 | <0.1 | <0.01 | 70.8 | <0.1 | <0.05 | 12 | 1.8 | <0.2 |
| STD OREAS45EA Expected | | 849 | 0.095 | 148 | 0.0984 | | 3.13 | 0.02 | 0.053 | | | 78 | 0.072 | 0.036 | 12.4 | 0.78 | 0.07 |
| STD DS11 Expected | | 61.5 | 0.85 | 417 | 0.0976 | | 1.129 | 0.0694 | 0.4 | 2.9 | 0.3 | 3.1 | 4.9 | 0.2835 | 4.7 | 1.9 | 4.56 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <20 | <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 | <20 | <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 | <20 | <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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# QUALITY CONTROL REPORT VAN17002092.1

| | | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm |
| | | 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 | 0.2 | <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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| | | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| | | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | | 1 | 0.01 | 1 | 0.001 | 20 | 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 | <20 | <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 | <20 | <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 | <20 | <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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Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

**Client:** **Mincord Exploration Consultants Ltd.**
110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7 Canada

| | |
|---|---|
| Submitted By: | Gavin Titley |
| Receiving Lab: | Canada-Vancouver |
| Received: | October 03, 2017 |
| Report Date: | November 26, 2017 |
| Page: | 1 of 2 |

# CERTIFICATE OF ANALYSIS VAN17002277.2

## CLIENT JOB INFORMATION

| | |
|---|---|
| Project: | Lustdust |
| Shipment ID: | Idr17-01 |
| P.O. Number | |
| Number of Samples: | 25 |

## SAMPLE DISPOSAL

| | |
|---|---|
| STOR-PLP | Store After 90 days Invoice for Storage |
| 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 | 25 | Crush, split and pulverize 250 g rock to 200 mesh | | | VAN |
| AQ201 | 25 | 1:1:1 Aqua Regia digestion ICP-MS analysis | 15 | Completed | VAN |
| MA370 | 6 | 4-Acid Digestion ICP-ES Finish | 0.5 | Completed | VAN |

## ADDITIONAL COMMENTS

Version 2 : MA370-Cu Pb Zn Ag included.

Invoice To: Mincord Exploration Consultants Ltd.
110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7
Canada

CC: Bill Morton
Glen Garratt

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.

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**Client:** **Mincord Exploration Consultants Ltd.**
110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: November 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002277.2

| | 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 |
| 79669 | Rock | 1.28 | 0.7 | 17.3 | 3.6 | 14 | <0.1 | 3.3 | 1.1 | 95 | 0.58 | 3.0 | <0.5 | 0.6 | 2 | <0.1 | 0.4 | 0.2 | <2 | <0.01 | 0.007 |
| 79670 | Rock | 1.14 | 0.4 | 31.7 | 7.8 | 34 | 0.2 | 1.7 | 2.4 | 182 | 1.11 | 1.3 | <0.5 | 2.3 | 61 | 0.1 | 1.5 | <0.1 | 18 | 0.51 | 0.032 |
| 79671 | Rock | 0.95 | 17.9 | 81.9 | 7.1 | 42 | 0.1 | 52.5 | 15.0 | 336 | 2.29 | 120.3 | <0.5 | 3.4 | 84 | 0.5 | 6.5 | 0.5 | 115 | 1.56 | 0.170 |
| 79672 | Rock | 0.76 | 6.0 | 48.7 | 15.2 | 57 | 0.1 | 10.5 | 1.6 | 291 | 3.36 | 8.6 | 1.4 | 4.4 | 15 | <0.1 | 1.7 | 0.3 | 21 | 0.02 | 0.058 |
| 79673 | Rock | 1.13 | 3.5 | 37.0 | 4.7 | 40 | 0.2 | 11.4 | 3.3 | 312 | 1.60 | 8.5 | <0.5 | 2.5 | 26 | 0.2 | 2.2 | 0.2 | 34 | 0.26 | 0.022 |
| 79674 | Rock | 1.03 | 0.8 | 11.0 | 5.6 | 13 | 0.2 | 1.4 | 0.2 | 43 | 0.86 | 33.0 | <0.5 | 0.1 | 5 | <0.1 | 3.9 | 0.9 | 3 | 0.01 | 0.012 |
| 79675 | Rock | 2.06 | <0.1 | 398.9 | >10000 | >10000 | >100 | 1.7 | 1.9 | 1338 | 16.74 | 1625.3 | 1.5 | <0.1 | 13 | 901.3 | >2000 | 2.0 | 2 | 3.09 | 0.003 |
| 79676 | Rock | 1.42 | 4.6 | 214.9 | 953.6 | 2215 | 7.0 | 8.7 | 3.6 | 107 | 34.39 | 9412.8 | 450.4 | 2.1 | 7 | 17.1 | 476.7 | 134.5 | 51 | 0.30 | 0.084 |
| 79677 | Rock | 1.49 | 5.5 | 7287.7 | 38.9 | 189 | 0.4 | 24.8 | 8.7 | 2451 | 8.61 | 101.7 | <0.5 | 2.4 | 8 | 1.4 | 22.9 | 3.4 | 31 | 12.87 | 0.076 |
| 79678 | Rock | 2.31 | 2.7 | >10000 | 8.3 | 149 | 93.8 | 25.1 | 14.3 | 1452 | 16.14 | 419.4 | 976.8 | 0.9 | 13 | 0.9 | 6.0 | 22.7 | 11 | 16.13 | 0.797 |
| 79679 | Rock | 1.28 | 13.8 | >10000 | 5.9 | 196 | >100 | 27.3 | 20.0 | 960 | 11.70 | 182.0 | 1503.1 | 0.4 | 2 | 1.5 | 5.7 | 9.7 | 15 | 6.94 | 0.037 |
| 79680 | Rock | 1.29 | 0.1 | 131.3 | 3.5 | 112 | 0.2 | 54.7 | 35.1 | 1140 | 6.93 | 1.8 | 2.1 | 0.2 | 63 | 0.2 | 1.4 | <0.1 | 247 | 2.58 | 0.082 |
| 79681 | Rock | 1.11 | 0.3 | 64.5 | 2.8 | 129 | <0.1 | 46.2 | 42.0 | 1043 | 9.48 | 1.1 | 3.5 | 0.3 | 17 | 0.2 | 0.7 | <0.1 | 282 | 1.50 | 0.091 |
| 79682 | Rock | 1.25 | 9.8 | 125.0 | 146.6 | 987 | 1.2 | 274.5 | 50.1 | 128 | 12.65 | 135.5 | 35.3 | 2.3 | 101 | 14.7 | 60.5 | 0.1 | 123 | 4.16 | 0.638 |
| 79683 | Rock | 1.35 | 0.3 | 16.7 | 6.7 | 44 | <0.1 | 5.2 | 2.4 | 304 | 1.12 | 3.1 | <0.5 | 0.5 | 19 | 0.2 | 2.1 | <0.1 | 4 | 0.59 | 0.028 |
| 79684 | Rock | 1.04 | 5.3 | 60.8 | 14.7 | 95 | 0.7 | 163.2 | 33.2 | 1328 | 5.08 | 224.1 | 19.3 | 1.7 | 441 | 0.7 | 12.6 | 0.6 | 39 | 18.92 | 0.239 |
| 79685 | Rock | 2.30 | 5.9 | 699.8 | 7585.3 | 8987 | 55.0 | 3.7 | 1.7 | 100 | >40 | >10000 | 4011.1 | <0.1 | 12 | 397.1 | 861.0 | 263.2 | 21 | 1.02 | 0.099 |
| 79686 | Rock | 1.92 | 3.4 | 31.1 | 2116.2 | >10000 | 11.6 | 23.1 | 3.5 | 884 | 35.64 | >10000 | 28.9 | 0.3 | 4 | 558.1 | 1457.3 | 0.6 | 77 | 0.27 | 0.175 |
| 79687 | Rock | 1.03 | 0.9 | 51.4 | 12.1 | 333 | 0.1 | 105.9 | 9.1 | 505 | 8.15 | 59.1 | 2.4 | 3.3 | 280 | 2.3 | 6.0 | 0.2 | 361 | 16.51 | 1.359 |
| 79688 | Rock | 1.51 | 3.7 | 57.7 | 4.2 | 193 | <0.1 | 299.9 | 61.2 | 761 | 6.60 | 31.0 | <0.5 | 2.5 | 156 | 0.4 | 3.4 | <0.1 | 103 | 10.79 | 0.355 |
| 79689 | Rock | 1.10 | 1.0 | 389.7 | 122.6 | >10000 | 9.0 | 0.9 | 6.6 | 2765 | 22.60 | 1448.0 | 643.9 | <0.1 | 3 | >2000 | 87.1 | 38.3 | 3 | 0.33 | 0.097 |
| 79690 | Rock | 0.59 | 1.7 | 1056.8 | 141.9 | >10000 | 9.7 | 2.3 | 9.5 | 791 | 33.98 | 1118.2 | 160.7 | <0.1 | 16 | 316.6 | 52.8 | 28.0 | 19 | 2.32 | 0.050 |
| 79691 | Rock | 1.18 | 24.7 | 94.8 | 6.6 | 228 | 0.3 | 30.7 | 10.3 | 133 | 2.45 | 85.2 | 14.6 | 4.0 | 29 | 2.0 | 7.5 | 0.5 | 71 | 0.35 | 0.034 |
| 79692 | Rock | 1.49 | 7.8 | 197.4 | 116.5 | 4198 | 3.4 | 17.5 | 5.2 | 210 | 9.18 | 1731.9 | 22.5 | 4.2 | 11 | 23.9 | 55.5 | 19.4 | 48 | 0.34 | 0.072 |
| 79693 | Rock | 1.83 | 8.2 | 74.1 | 509.3 | 197 | 2.9 | 5.2 | 2.0 | 73 | 4.38 | 74.4 | 56.7 | 2.0 | 9 | 0.8 | 6.8 | 6.5 | 27 | 0.12 | 0.034 |

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**Client:** **Mincord Exploration Consultants Ltd.**
110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: November 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002277.2

| | Method | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | MA370 | MA370 | MA370 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | Cu | Pb | Zn |
| | 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 | 0.001 | 0.02 | 0.01 |
| 79669 | Rock | 3 | 3 | 0.01 | 127 | <0.001 | 2 | 0.12 | 0.001 | 0.10 | <0.1 | 0.04 | 0.8 | <0.1 | <0.05 | <1 | <0.5 | <0.2 | | | |
| 79670 | Rock | 7 | 3 | 0.27 | 117 | 0.057 | 3 | 1.40 | 0.180 | 0.13 | 0.2 | <0.01 | 2.1 | 0.1 | <0.05 | 6 | <0.5 | <0.2 | | | |
| 79671 | Rock | 12 | 52 | 0.35 | 152 | 0.093 | 3 | 1.95 | 0.201 | 0.08 | 0.3 | <0.01 | 4.7 | <0.1 | 0.41 | 6 | 4.2 | <0.2 | | | |
| 79672 | Rock | 16 | 11 | 0.49 | 120 | 0.003 | 6 | 1.14 | 0.012 | 0.22 | <0.1 | 0.07 | 2.0 | 0.2 | <0.05 | 4 | 2.5 | <0.2 | | | |
| 79673 | Rock | 6 | 19 | 0.60 | 92 | 0.060 | 2 | 1.04 | 0.071 | 0.15 | 0.1 | <0.01 | 3.8 | 0.2 | <0.05 | 4 | 0.6 | <0.2 | | | |
| 79674 | Rock | <1 | 3 | 0.03 | 12 | <0.001 | 1 | 0.09 | 0.003 | 0.02 | <0.1 | <0.01 | 0.5 | <0.1 | <0.05 | <1 | 0.7 | <0.2 | | | |
| 79675 | Rock | <1 | 4 | 0.11 | 3 | <0.001 | <1 | <0.01 | 0.001 | <0.01 | <0.1 | 0.55 | <0.1 | <0.1 | >10 | 4 | 3.8 | 3.9 | 0.046 | >10 | 12.61 |
| 79676 | Rock | 6 | 17 | 0.08 | 136 | 0.060 | <1 | 0.47 | 0.003 | 0.08 | 81.3 | 0.57 | 1.6 | 0.2 | 0.23 | 3 | 24.6 | 30.9 | | | |
| 79677 | Rock | 11 | 13 | 0.41 | 14 | 0.091 | <1 | 1.83 | 0.004 | 0.10 | 9.7 | <0.01 | 6.2 | 0.4 | <0.05 | 8 | <0.5 | 0.6 | | | |
| 79678 | Rock | 26 | 6 | 0.08 | 3 | 0.019 | 4 | 0.57 | 0.002 | <0.01 | 80.6 | 0.02 | 3.6 | <0.1 | 2.99 | 10 | 14.9 | 1.8 | 3.127 | <0.02 | 0.01 |
| 79679 | Rock | 10 | 3 | 0.21 | 8 | 0.004 | 3 | 0.54 | 0.003 | <0.01 | 26.6 | 0.02 | 1.1 | <0.1 | 4.62 | 7 | 19.0 | 2.7 | 3.733 | <0.02 | 0.02 |
| 79680 | Rock | 3 | 64 | 2.80 | 396 | 0.482 | 6 | 3.53 | 0.043 | 0.15 | 0.2 | <0.01 | 6.7 | <0.1 | <0.05 | 14 | <0.5 | <0.2 | | | |
| 79681 | Rock | 3 | 54 | 3.23 | 363 | 0.513 | 8 | 4.30 | 0.020 | 0.14 | 0.1 | <0.01 | 9.6 | <0.1 | <0.05 | 15 | <0.5 | <0.2 | | | |
| 79682 | Rock | 16 | 272 | 1.60 | 23 | 0.282 | 7 | 4.47 | 0.173 | 0.96 | 0.8 | 0.05 | 8.3 | 0.5 | 9.19 | 18 | 11.8 | <0.2 | | | |
| 79683 | Rock | 4 | 2 | 0.07 | 293 | <0.001 | 4 | 0.53 | 0.057 | 0.17 | <0.1 | 0.11 | 1.3 | <0.1 | <0.05 | 1 | <0.5 | <0.2 | | | |
| 79684 | Rock | 17 | 72 | 2.45 | 87 | 0.003 | 4 | 1.08 | 0.006 | 0.12 | 0.2 | 0.63 | 10.1 | 0.2 | 2.28 | 3 | 1.0 | <0.2 | | | |
| 79685 | Rock | <1 | 65 | 0.03 | 276 | <0.001 | 1 | 0.04 | <0.001 | 0.02 | 0.1 | 1.60 | 0.3 | 0.5 | <0.05 | 3 | <0.5 | <0.2 | | | |
| 79686 | Rock | 20 | 20 | 0.03 | 78 | 0.001 | 2 | 0.13 | <0.001 | 0.02 | 1.2 | 0.66 | 0.4 | 0.7 | <0.05 | 4 | 3.6 | 2.4 | 0.004 | 0.22 | 19.25 |
| 79687 | Rock | 47 | 313 | 5.66 | 81 | 0.024 | 4 | 3.19 | 0.008 | 0.11 | <0.1 | 0.02 | 10.2 | 0.1 | 0.07 | 14 | 1.2 | <0.2 | | | |
| 79688 | Rock | 29 | 228 | 3.46 | 103 | 0.015 | 4 | 3.60 | 0.007 | 0.25 | <0.1 | 0.01 | 14.4 | 0.1 | <0.05 | 12 | <0.5 | <0.2 | | | |
| 79689 | Rock | 2 | 4 | 0.06 | 7 | <0.001 | <1 | 0.03 | <0.001 | <0.01 | 2.9 | 1.33 | <0.1 | <0.1 | 8.90 | 10 | 36.8 | 8.8 | 0.055 | <0.02 | 31.55 |
| 79690 | Rock | 2 | 8 | 0.42 | 5 | <0.001 | <1 | 0.06 | <0.001 | 0.01 | 9.1 | 0.58 | 0.5 | <0.1 | >10 | 3 | 54.6 | 5.5 | 0.107 | <0.02 | 5.57 |
| 79691 | Rock | 4 | 32 | 1.10 | 150 | 0.056 | 1 | 1.92 | 0.090 | 0.62 | 0.1 | <0.01 | 7.4 | 0.6 | 0.94 | 7 | 3.2 | 0.3 | | | |
| 79692 | Rock | 11 | 16 | 0.45 | 111 | 0.074 | 3 | 1.01 | 0.018 | 0.18 | 2.5 | 0.03 | 3.3 | 0.8 | <0.05 | 5 | 1.3 | 8.7 | | | |
| 79693 | Rock | 8 | 10 | 0.08 | 200 | 0.018 | 2 | 0.32 | 0.018 | 0.11 | 1.0 | 0.04 | 1.9 | 0.1 | 0.73 | 2 | 5.7 | 1.1 | | | |

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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: November 26, 2017



# CERTIFICATE OF ANALYSIS VAN17002277.2

| | Method | MA370 |
|---|---|---|
| | Analyte | Ag |
| | Unit | gm/t |
| | MDL | 2 |
| 79669 | Rock | |
| 79670 | Rock | |
| 79671 | Rock | |
| 79672 | Rock | |
| 79673 | Rock | |
| 79674 | Rock | |
| 79675 | Rock | 127 |
| 79676 | Rock | |
| 79677 | Rock | |
| 79678 | Rock | 93 |
| 79679 | Rock | 119 |
| 79680 | Rock | |
| 79681 | Rock | |
| 79682 | Rock | |
| 79683 | Rock | |
| 79684 | Rock | |
| 79685 | Rock | |
| 79686 | Rock | 12 |
| 79687 | Rock | |
| 79688 | Rock | |
| 79689 | Rock | 13 |
| 79690 | Rock | 10 |
| 79691 | Rock | |
| 79692 | Rock | |
| 79693 | Rock | |

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110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: November 26, 2017



# QUALITY CONTROL REPORT VAN17002277.2

| | 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 | | | | | | | | | | | | | | | | | | | | | |
| 79675 | Rock | 2.06 | <0.1 | 398.9 | >10000 | >10000 | >100 | 1.7 | 1.9 | 1338 | 16.74 | 1625.3 | 1.5 | <0.1 | 13 | 901.3 | >2000 | 2.0 | 2 | 3.09 | 0.003 |
| REP 79675 | QC | | | | | | | | | | | | | | | | | | | | |
| REP 79681 | QC | | 0.2 | 68.4 | 3.2 | 134 | <0.1 | 49.5 | 43.1 | 1040 | 9.45 | 1.8 | 2.0 | 0.3 | 18 | 0.1 | 0.8 | <0.1 | 277 | 1.48 | 0.086 |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 79681 | Rock | 1.11 | 0.3 | 64.5 | 2.8 | 129 | <0.1 | 46.2 | 42.0 | 1043 | 9.48 | 1.1 | 3.5 | 0.3 | 17 | 0.2 | 0.7 | <0.1 | 282 | 1.50 | 0.091 |
| DUP 79681 | QC | | 0.2 | 65.3 | 2.4 | 128 | <0.1 | 49.2 | 43.8 | 1061 | 9.59 | 0.6 | 0.8 | 0.3 | 16 | 0.1 | 0.9 | <0.1 | 288 | 1.56 | 0.087 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD CDN-ME-14 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD CDN-ME-9 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD DS11 | Standard | | 14.0 | 148.9 | 135.2 | 342 | 1.7 | 74.4 | 15.0 | 979 | 3.14 | 43.8 | 95.1 | 8.4 | 76 | 2.6 | 8.4 | 10.7 | 50 | 1.07 | 0.069 |
| STD DS11 | Standard | | 14.2 | 141.5 | 139.5 | 379 | 1.7 | 77.2 | 14.0 | 1033 | 3.14 | 43.7 | 109.3 | 7.6 | 74 | 2.4 | 9.1 | 11.7 | 47 | 1.01 | 0.070 |
| STD OXC129 | Standard | | 1.0 | 25.9 | 5.4 | 36 | <0.1 | 68.7 | 20.1 | 420 | 3.10 | <0.5 | 170.6 | 1.6 | 185 | <0.1 | <0.1 | <0.1 | 54 | 0.81 | 0.091 |
| STD OXC129 | Standard | | 1.1 | 25.8 | 6.0 | 44 | <0.1 | 76.0 | 20.8 | 389 | 2.99 | 1.1 | 193.2 | 1.9 | 190 | <0.1 | <0.1 | <0.1 | 50 | 0.64 | 0.102 |
| 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 | 156 | 138 | 345 | 1.71 | 81.9 | 14.2 | 1055 | 3.2082 | 42.8 | 79 | 7.65 | 67.3 | 2.37 | 8.74 | 12.2 | 50 | 1.063 | 0.0701 |
| STD CDN-ME-14 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD CDN-ME-9 Expected | | | | | | | | | | | | | | | | | | | | | |
| 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 |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| ROCK-VAN | Prep Blank | | 1.0 | 11.6 | 1.2 | 37 | <0.1 | 1.1 | 3.8 | 647 | 1.81 | 1.2 | <0.5 | 1.8 | 34 | <0.1 | <0.1 | <0.1 | 19 | 0.77 | 0.037 |
| ROCK-VAN | Prep Blank | | 0.7 | 8.8 | 1.2 | 35 | <0.1 | 1.3 | 3.8 | 588 | 1.61 | 1.9 | 1.0 | 1.7 | 47 | <0.1 | <0.1 | <0.1 | 18 | 1.05 | 0.039 |

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Project: Lustdust
Report Date: November 26, 2017



# QUALITY CONTROL REPORT VAN17002277.2

| | Method | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | MA370 | MA370 | MA370 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | Cu | Pb | Zn |
| | 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 | 0.001 | 0.02 | 0.01 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 79675 | Rock | <1 | 4 | 0.11 | 3 | <0.001 | <1 | <0.01 | 0.001 | <0.01 | <0.1 | 0.55 | <0.1 | <0.1 | >10 | 4 | 3.8 | 3.9 | 0.046 | >10 | 12.61 |
| REP 79675 | QC | | | | | | | | | | | | | | | | | | 0.046 | >10 | 12.60 |
| REP 79681 | QC | 3 | 54 | 3.27 | 385 | 0.500 | 6 | 4.35 | 0.020 | 0.14 | 0.2 | <0.01 | 9.5 | <0.1 | <0.05 | 16 | <0.5 | <0.2 | | | |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 79681 | Rock | 3 | 54 | 3.23 | 363 | 0.513 | 8 | 4.30 | 0.020 | 0.14 | 0.1 | <0.01 | 9.6 | <0.1 | <0.05 | 15 | <0.5 | <0.2 | | | |
| DUP 79681 | QC | 3 | 55 | 3.22 | 385 | 0.546 | 10 | 4.38 | 0.029 | 0.14 | 0.1 | <0.01 | 9.2 | <0.1 | <0.05 | 17 | <0.5 | <0.2 | | | |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD CDN-ME-14 | Standard | | | | | | | | | | | | | | | | | | 1.250 | 0.46 | 3.25 |
| STD CDN-ME-9 | Standard | | | | | | | | | | | | | | | | | | 0.676 | <0.02 | 0.01 |
| STD DS11 | Standard | 19 | 57 | 0.85 | 335 | 0.097 | 8 | 1.23 | 0.075 | 0.42 | 2.5 | 0.23 | 3.4 | 5.0 | 0.28 | 5 | 1.6 | 4.8 | | | |
| STD DS11 | Standard | 18 | 59 | 0.84 | 392 | 0.093 | 7 | 1.11 | 0.071 | 0.41 | 3.2 | 0.27 | 3.1 | 4.9 | 0.28 | 5 | 2.2 | 4.8 | | | |
| STD OXC129 | Standard | 11 | 47 | 1.54 | 43 | 0.379 | 2 | 1.71 | 0.608 | 0.38 | <0.1 | <0.01 | 1.2 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | | | |
| STD OXC129 | Standard | 12 | 49 | 1.52 | 54 | 0.395 | 3 | 1.54 | 0.581 | 0.37 | <0.1 | <0.01 | 0.9 | <0.1 | <0.05 | 5 | <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 | 0.3 | 3.4 | 4.9 | 0.2835 | 5.1 | 1.9 | 4.56 | | | |
| STD CDN-ME-14 Expected | | | | | | | | | | | | | | | | | | | 1.221 | 0.495 | 3.1 |
| STD CDN-ME-9 Expected | | | | | | | | | | | | | | | | | | | 0.654 | | 0.012 |
| 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 | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | <0.001 | <0.02 | <0.01 |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| ROCK-VAN | Prep Blank | 7 | 3 | 0.51 | 50 | 0.081 | 4 | 1.15 | 0.103 | 0.11 | <0.1 | <0.01 | 3.1 | <0.1 | 0.06 | 4 | <0.5 | <0.2 | | | |
| ROCK-VAN | Prep Blank | 7 | 3 | 0.48 | 42 | 0.080 | 1 | 1.28 | 0.061 | 0.08 | 0.1 | <0.01 | 3.2 | <0.1 | 0.08 | 5 | <0.5 | <0.2 | | | |

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:** **Mincord Exploration Consultants Ltd.**
110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: November 26, 2017



# QUALITY CONTROL REPORT VAN17002277.2

| | Method | MA370 |
|---|---|---|
| | Analyte | Ag |
| | Unit | gm/t |
| | MDL | 2 |
| Pulp Duplicates | | |
| 79675 | Rock | 127 |
| REP 79675 | QC | 127 |
| REP 79681 | QC | |
| Core Reject Duplicates | | |
| 79681 | Rock | |
| DUP 79681 | QC | |
| Reference Materials | | |
| STD CDN-ME-14 | Standard | 44 |
| STD CDN-ME-9 | Standard | 3 |
| STD DS11 | Standard | |
| STD DS11 | Standard | |
| STD OXC129 | Standard | |
| STD OXC129 | Standard | |
| STD OXC129 Expected | | |
| STD DS11 Expected | | |
| STD CDN-ME-14 Expected | | 42.3 |
| STD CDN-ME-9 Expected | | |
| BLK | Blank | |
| BLK | Blank | |
| BLK | Blank | <2 |
| Prep Wash | | |
| ROCK-VAN | Prep Blank | |
| ROCK-VAN | Prep Blank | |

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| | |
|---|---|
| Submitted By: | Gavin Titley |
| Receiving Lab: | Canada-Vancouver |
| Received: | October 25, 2017 |
| Report Date: | November 18, 2017 |
| Page: | 1 of 11 |

# CERTIFICATE OF ANALYSIS VAN17002508.1

## CLIENT JOB INFORMATION

| | |
|---|---|
| Project: | Lustdust |
| Shipment ID: | Ids 17-03 |
| P.O. Number | |
| Number of Samples: | 300 |

## SAMPLE DISPOSAL

| | |
|---|---|
| STOR-PLP | Store After 90 days Invoice for Storage |
| 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 | 280 | Dry at 60C | | | VAN |
| SS80 | 280 | Dry at 60C sieve 100g to -80 mesh | | | VAN |
| SLBHP | 20 | Sort, label and box pulps | | | VAN |
| AQ200 | 280 | 1:1:1 Aqua Regia digestion ICP-MS analysis | 0.5 | Completed | VAN |
| DRPLP | 280 | Warehouse handling / disposition of pulps | | | VAN |

## ADDITIONAL COMMENTS

Invoice To: Mincord Exploration Consultants Ltd.
110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7
Canada

CC: Bill Morton
Glen Garratt
Bob Johnston

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.

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Project: Lustdust
Report Date: November 18, 2017



# CERTIFICATE OF ANALYSIS VAN17002508.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L21S 200W | Soil | 3.3 | 21.0 | 8.6 | 95 | 0.3 | 18.8 | 6.5 | 428 | 3.76 | 9.4 | 0.7 | 1.8 | 6 | 0.3 | 1.0 | 0.2 | 58 | 0.08 | 0.151 | 8 |
| L21S 250W | Soil | 4.3 | 28.6 | 8.6 | 151 | 0.2 | 21.0 | 12.8 | 299 | 4.52 | 7.6 | <0.5 | 1.4 | 32 | 0.4 | 0.8 | 0.2 | 81 | 0.25 | 0.071 | 14 |
| L21S 300W | Soil | 2.6 | 76.4 | 9.0 | 72 | 0.2 | 23.8 | 10.9 | 577 | 2.69 | 5.1 | 4.5 | 1.5 | 63 | 0.5 | 0.6 | 0.2 | 45 | 0.63 | 0.028 | 10 |
| L21S 350W | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L21S 400W | Soil | 3.7 | 24.1 | 6.8 | 60 | <0.1 | 16.8 | 5.3 | 239 | 3.23 | 8.7 | 41.5 | 1.2 | 9 | 0.2 | 1.0 | 0.2 | 73 | 0.11 | 0.040 | 6 |
| L21S 450W | Soil | 2.7 | 25.6 | 7.4 | 86 | 0.2 | 20.6 | 6.7 | 395 | 2.90 | 8.7 | <0.5 | 1.1 | 8 | 0.3 | 0.9 | 0.2 | 47 | 0.13 | 0.097 | 9 |
| L21S 500W | Soil | 2.1 | 14.7 | 6.3 | 43 | <0.1 | 9.3 | 3.2 | 166 | 1.69 | 4.5 | 0.5 | 1.2 | 6 | 0.2 | 0.6 | 0.1 | 52 | 0.09 | 0.038 | 9 |
| L21S 550W | Soil | 4.1 | 78.8 | 13.3 | 87 | 0.4 | 36.8 | 13.0 | 621 | 3.34 | 19.2 | 2.1 | 1.7 | 47 | 0.4 | 2.0 | 0.3 | 44 | 0.59 | 0.060 | 12 |
| L21S 600W | Soil | 3.5 | 184.6 | 18.1 | 168 | 1.7 | 51.5 | 11.8 | 502 | 3.60 | 9.1 | 14.0 | 4.3 | 75 | 0.5 | 0.6 | 0.7 | 26 | 0.91 | 0.118 | 31 |
| L21S 650W | Soil | 4.6 | 126.4 | 11.9 | 84 | 0.6 | 42.2 | 15.1 | 3507 | 3.03 | 8.0 | 0.7 | 1.6 | 63 | 1.0 | 0.9 | 0.2 | 69 | 0.82 | 0.038 | 22 |
| L21S 700W | Soil | 4.8 | 181.2 | 12.2 | 106 | 0.6 | 55.5 | 13.2 | 1499 | 3.25 | 11.7 | 10.3 | 2.1 | 48 | 0.7 | 1.0 | 0.3 | 56 | 0.52 | 0.038 | 22 |
| L21S 750W | Soil | 3.0 | 76.5 | 7.6 | 63 | 0.8 | 46.8 | 11.4 | 425 | 3.08 | 13.2 | 2.1 | 1.6 | 53 | 0.7 | 1.2 | 0.2 | 45 | 0.62 | 0.029 | 13 |
| L21S 800W | Soil | 2.3 | 41.8 | 6.5 | 91 | 0.4 | 38.0 | 12.9 | 627 | 2.75 | 3.7 | 3.2 | 1.1 | 37 | 0.2 | 0.6 | 0.1 | 43 | 0.50 | 0.044 | 10 |
| L21S 850W | Soil | 3.1 | 22.7 | 6.6 | 68 | 0.2 | 19.0 | 7.0 | 282 | 2.62 | 6.5 | <0.5 | 1.6 | 8 | 0.2 | 0.6 | 0.1 | 51 | 0.08 | 0.042 | 9 |
| L21S 900W | Soil | 3.0 | 24.4 | 7.7 | 129 | 0.2 | 19.5 | 8.6 | 455 | 2.91 | 6.1 | 0.9 | 1.4 | 35 | 0.9 | 0.6 | 0.2 | 56 | 0.45 | 0.054 | 9 |
| L21S 950W | Soil | 2.6 | 88.7 | 10.3 | 92 | 0.4 | 32.9 | 11.6 | 1060 | 2.80 | 4.7 | 1.5 | 2.2 | 56 | 0.6 | 0.5 | 0.2 | 52 | 0.81 | 0.037 | 20 |
| L21S 1000W | Soil | 4.0 | 110.6 | 10.6 | 126 | 0.2 | 73.5 | 16.7 | 829 | 4.32 | 12.0 | 2.0 | 3.0 | 33 | 0.4 | 1.1 | 0.2 | 55 | 0.47 | 0.055 | 17 |
| L21S 1050W | Soil | 3.5 | 105.6 | 9.1 | 110 | 0.3 | 67.3 | 16.0 | 809 | 3.52 | 7.6 | 2.8 | 3.3 | 24 | 0.5 | 1.0 | 0.2 | 58 | 0.38 | 0.032 | 20 |
| L21S 1100W | Soil | 7.7 | 173.6 | 18.4 | 241 | 1.3 | 76.9 | 20.2 | 1957 | 5.11 | 12.6 | 3.0 | 5.8 | 76 | 1.3 | 0.8 | 0.7 | 69 | 0.83 | 0.063 | 27 |
| L21S 1150W | Soil | 2.8 | 22.1 | 10.3 | 69 | 0.5 | 16.1 | 5.9 | 207 | 3.14 | 6.7 | 0.8 | 2.2 | 7 | 0.3 | 0.7 | 0.2 | 75 | 0.07 | 0.144 | 11 |
| L21S 1200W | Soil | 3.8 | 43.9 | 6.2 | 56 | <0.1 | 16.6 | 7.1 | 199 | 2.49 | 6.6 | 2.4 | 2.6 | 7 | <0.1 | 0.6 | 0.2 | 62 | 0.07 | 0.023 | 18 |
| L21S 1250W | Soil | 2.2 | 24.0 | 4.9 | 76 | <0.1 | 24.1 | 6.0 | 253 | 2.23 | 3.2 | 0.6 | 1.8 | 7 | 0.2 | 0.3 | <0.1 | 35 | 0.10 | 0.030 | 12 |
| L21S 1300W | Soil | 2.5 | 34.0 | 7.3 | 63 | <0.1 | 19.4 | 5.4 | 291 | 3.42 | 6.5 | <0.5 | 2.3 | 5 | <0.1 | 0.5 | 0.1 | 52 | 0.06 | 0.049 | 12 |
| L21S 1350W | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L21S 1400W | Soil | 7.0 | 37.9 | 6.1 | 86 | <0.1 | 57.2 | 16.7 | 493 | 4.75 | 6.3 | <0.5 | 2.0 | 7 | 0.4 | 1.3 | 0.2 | 214 | 0.09 | 0.033 | 11 |
| L21S 1450W | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L21S 1500W | Soil | 2.9 | 21.9 | 7.1 | 128 | 0.3 | 17.0 | 8.8 | 526 | 1.96 | 2.6 | <0.5 | 1.2 | 27 | 0.4 | 0.2 | 0.1 | 54 | 0.34 | 0.022 | 11 |
| L21S 1550W | Soil | 3.4 | 43.0 | 7.4 | 112 | 0.2 | 24.3 | 14.2 | 776 | 4.90 | 13.6 | 0.7 | 1.5 | 10 | 0.4 | 0.8 | 0.2 | 87 | 0.18 | 0.203 | 10 |
| L21S 1600W | Soil | 5.2 | 168.7 | 16.0 | 241 | 3.0 | 133.8 | 25.9 | 5362 | 4.49 | 9.6 | 6.0 | 1.6 | 76 | 5.0 | 1.0 | 0.3 | 61 | 1.37 | 0.143 | 50 |
| L21S 1650W | Soil | 3.0 | 57.6 | 7.6 | 194 | 0.6 | 44.2 | 15.0 | 913 | 2.75 | 4.1 | 2.1 | 1.3 | 42 | 0.9 | 0.6 | 0.1 | 52 | 0.56 | 0.045 | 21 |

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110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: November 18, 2017



# CERTIFICATE OF ANALYSIS VAN17002508.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L21S 200W | Soil | 38 | 0.27 | 59 | 0.075 | <20 | 1.47 | <0.001 | 0.06 | 0.2 | 0.04 | 2.5 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L21S 250W | Soil | 39 | 0.29 | 229 | 0.028 | <20 | 1.73 | 0.001 | 0.06 | <0.1 | 0.04 | 3.2 | <0.1 | <0.05 | 9 | <0.5 | <0.2 |
| L21S 300W | Soil | 48 | 0.47 | 278 | 0.074 | <20 | 1.41 | 0.003 | 0.06 | <0.1 | 0.11 | 5.0 | 0.1 | <0.05 | 5 | 0.8 | <0.2 |
| L21S 350W | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L21S 400W | Soil | 32 | 0.26 | 74 | 0.070 | <20 | 1.09 | <0.001 | 0.05 | <0.1 | 0.03 | 2.3 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L21S 450W | Soil | 36 | 0.28 | 97 | 0.045 | <20 | 1.29 | 0.001 | 0.05 | <0.1 | 0.03 | 2.4 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L21S 500W | Soil | 18 | 0.15 | 69 | 0.069 | <20 | 0.85 | <0.001 | 0.04 | <0.1 | 0.02 | 1.7 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L21S 550W | Soil | 52 | 0.59 | 343 | 0.014 | <20 | 1.64 | 0.004 | 0.10 | <0.1 | 0.18 | 4.0 | 0.1 | <0.05 | 5 | 1.1 | <0.2 |
| L21S 600W | Soil | 40 | 0.67 | 312 | 0.002 | <20 | 1.91 | <0.001 | 0.10 | <0.1 | 0.66 | 5.8 | 0.2 | <0.05 | 4 | 1.5 | <0.2 |
| L21S 650W | Soil | 62 | 0.44 | 484 | 0.029 | <20 | 1.86 | 0.001 | 0.06 | <0.1 | 0.19 | 6.1 | 0.2 | <0.05 | 7 | 0.8 | <0.2 |
| L21S 700W | Soil | 59 | 0.58 | 402 | 0.019 | <20 | 2.00 | 0.005 | 0.06 | <0.1 | 0.25 | 6.4 | 0.2 | <0.05 | 7 | 1.2 | <0.2 |
| L21S 750W | Soil | 41 | 0.50 | 303 | 0.025 | <20 | 1.40 | 0.002 | 0.06 | <0.1 | 0.10 | 4.1 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L21S 800W | Soil | 54 | 0.70 | 251 | 0.020 | <20 | 1.40 | 0.003 | 0.08 | <0.1 | 0.35 | 6.8 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L21S 850W | Soil | 34 | 0.38 | 186 | 0.038 | <20 | 1.48 | <0.001 | 0.06 | <0.1 | 0.04 | 2.8 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L21S 900W | Soil | 36 | 0.32 | 314 | 0.043 | <20 | 1.15 | 0.001 | 0.11 | <0.1 | 0.04 | 2.7 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L21S 950W | Soil | 33 | 0.47 | 368 | 0.014 | <20 | 1.65 | 0.002 | 0.08 | <0.1 | 0.07 | 4.6 | 0.2 | <0.05 | 5 | 0.6 | <0.2 |
| L21S 1000W | Soil | 51 | 0.63 | 260 | 0.029 | <20 | 1.93 | 0.003 | 0.10 | <0.1 | 0.10 | 5.5 | 0.2 | <0.05 | 5 | 0.8 | <0.2 |
| L21S 1050W | Soil | 116 | 0.82 | 289 | 0.022 | <20 | 1.65 | 0.002 | 0.06 | <0.1 | 0.09 | 8.8 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L21S 1100W | Soil | 48 | 0.42 | 815 | 0.004 | <20 | 3.41 | 0.003 | 0.12 | <0.1 | 0.15 | 8.7 | 0.4 | <0.05 | 9 | 0.7 | <0.2 |
| L21S 1150W | Soil | 36 | 0.30 | 136 | 0.044 | <20 | 1.92 | <0.001 | 0.05 | <0.1 | 0.09 | 3.9 | 0.1 | <0.05 | 8 | <0.5 | <0.2 |
| L21S 1200W | Soil | 22 | 0.18 | 82 | 0.019 | <20 | 0.89 | <0.001 | 0.06 | <0.1 | 0.01 | 2.5 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L21S 1250W | Soil | 28 | 0.42 | 118 | 0.025 | <20 | 1.43 | <0.001 | 0.05 | <0.1 | 0.02 | 2.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L21S 1300W | Soil | 32 | 0.44 | 112 | 0.030 | <20 | 1.82 | <0.001 | 0.05 | <0.1 | 0.02 | 3.0 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L21S 1350W | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L21S 1400W | Soil | 194 | 0.95 | 170 | 0.004 | <20 | 2.11 | <0.001 | 0.03 | <0.1 | 0.03 | 9.7 | 0.1 | <0.05 | 14 | <0.5 | <0.2 |
| L21S 1450W | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L21S 1500W | Soil | 39 | 0.42 | 268 | 0.038 | <20 | 1.73 | 0.001 | 0.04 | <0.1 | 0.02 | 3.6 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L21S 1550W | Soil | 41 | 0.42 | 99 | 0.071 | <20 | 1.51 | <0.001 | 0.06 | <0.1 | 0.03 | 5.6 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L21S 1600W | Soil | 82 | 0.48 | 506 | 0.024 | <20 | 3.06 | 0.006 | 0.10 | <0.1 | 0.25 | 9.3 | 0.4 | <0.05 | 7 | 1.6 | <0.2 |
| L21S 1650W | Soil | 44 | 0.60 | 314 | 0.027 | <20 | 2.03 | 0.002 | 0.07 | <0.1 | 0.05 | 3.9 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |

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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Project: Lustdust
Report Date: November 18, 2017



# CERTIFICATE OF ANALYSIS VAN17002508.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L21S 1700W | Soil | 3.9 | 68.6 | 11.3 | 191 | 0.7 | 57.7 | 16.8 | 1442 | 3.89 | 8.4 | 1.1 | 2.1 | 52 | 1.2 | 0.9 | 0.3 | 58 | 0.52 | 0.077 | 16 |
| L21S 1750W | Soil | 2.4 | 22.0 | 6.9 | 75 | 0.1 | 17.3 | 6.1 | 246 | 2.64 | 16.2 | 1.1 | 1.3 | 21 | 0.4 | 1.0 | 0.2 | 53 | 0.25 | 0.082 | 10 |
| L21S 1800W | Soil | 2.0 | 40.2 | 10.0 | 127 | 0.6 | 31.1 | 17.4 | 1548 | 2.84 | 4.0 | 5.2 | 1.2 | 52 | 0.9 | 0.4 | 0.2 | 65 | 0.60 | 0.045 | 13 |
| L21S 1850W | Soil | 1.9 | 33.5 | 7.5 | 71 | 0.7 | 21.8 | 8.6 | 604 | 2.13 | 5.0 | 1.1 | 0.7 | 49 | 0.6 | 0.5 | 0.1 | 49 | 0.58 | 0.054 | 19 |
| L22N 1200E | Soil | 1.6 | 10.6 | 6.4 | 34 | <0.1 | 12.1 | 3.8 | 421 | 1.60 | 6.9 | 0.8 | 2.0 | 8 | 0.2 | 0.8 | 0.1 | 42 | 0.09 | 0.070 | 16 |
| L22N 1150E | Soil | 2.1 | 13.0 | 7.4 | 32 | 0.5 | 11.7 | 3.1 | 362 | 2.03 | 11.4 | 1.0 | 1.5 | 6 | 0.2 | 1.1 | 0.1 | 48 | 0.08 | 0.107 | 10 |
| L22N 1100E | Soil | 1.5 | 13.9 | 7.9 | 57 | 0.1 | 22.0 | 6.4 | 311 | 3.05 | 8.3 | 0.7 | 1.2 | 6 | 0.1 | 1.7 | 0.2 | 88 | 0.10 | 0.127 | 8 |
| L22N 1050E | Soil | 1.7 | 16.9 | 8.8 | 59 | 0.6 | 27.1 | 7.4 | 339 | 4.02 | 12.0 | 0.8 | 1.3 | 8 | 0.2 | 1.8 | 0.1 | 91 | 0.16 | 0.169 | 8 |
| L22N 1000E | Soil | 0.2 | 2.3 | 6.0 | 13 | 0.1 | 3.9 | 1.1 | 37 | 0.38 | 1.0 | 0.9 | 0.2 | 11 | 0.2 | 0.2 | 0.1 | 24 | 0.23 | 0.013 | 12 |
| L22N 950E | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L22N 900E | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L22N 850E | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L22N 800E | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L15S 200W | Soil | 4.0 | 105.5 | 18.8 | 106 | 0.6 | 39.9 | 13.4 | 802 | 3.24 | 14.7 | 5.8 | 1.8 | 93 | 0.8 | 2.9 | 0.5 | 43 | 0.75 | 0.054 | 18 |
| L15S 250W | Soil | 4.9 | 140.8 | 14.9 | 96 | 0.8 | 35.2 | 10.6 | 664 | 3.03 | 15.8 | 8.9 | 1.0 | 69 | 0.6 | 3.1 | 0.5 | 35 | 0.59 | 0.105 | 25 |
| L15S 300W | Soil | 5.9 | 128.6 | 20.8 | 166 | 0.7 | 40.2 | 13.4 | 878 | 3.53 | 25.4 | 3.3 | 0.6 | 81 | 0.9 | 6.5 | 0.7 | 53 | 0.76 | 0.079 | 24 |
| L15S 350W | Soil | 4.8 | 86.6 | 9.6 | 74 | 0.6 | 20.7 | 7.8 | 346 | 3.28 | 11.0 | 5.9 | 1.1 | 37 | 0.5 | 2.2 | 0.3 | 63 | 0.33 | 0.047 | 32 |
| L15S 400W | Soil | 3.0 | 24.0 | 5.4 | 66 | 0.2 | 13.7 | 4.7 | 222 | 2.74 | 5.1 | 1.1 | 2.1 | 19 | 0.3 | 0.6 | 0.2 | 61 | 0.19 | 0.031 | 14 |
| L15S 450W | Soil | 5.8 | 193.7 | 12.4 | 100 | 1.3 | 36.8 | 11.7 | 1111 | 2.95 | 5.5 | 6.7 | 0.9 | 97 | 1.9 | 0.9 | 0.4 | 32 | 0.67 | 0.120 | 39 |
| L15S 500W | Soil | 8.3 | 118.1 | 14.9 | 141 | 0.8 | 34.3 | 14.5 | 495 | 4.31 | 8.7 | 4.1 | 2.9 | 62 | 0.6 | 1.0 | 0.5 | 48 | 0.37 | 0.044 | 15 |
| L15S 550W | Soil | 5.1 | 51.5 | 13.6 | 96 | 0.3 | 18.1 | 6.3 | 488 | 3.14 | 5.8 | 0.8 | 1.1 | 18 | 0.4 | 0.7 | 0.4 | 40 | 0.16 | 0.091 | 21 |
| L15S 600W | Soil | 3.9 | 30.9 | 6.8 | 88 | 0.2 | 16.8 | 6.2 | 232 | 2.84 | 3.8 | 0.9 | 1.7 | 34 | 0.4 | 0.6 | 0.2 | 73 | 0.28 | 0.035 | 15 |
| L15S 650W | Soil | 5.7 | 35.6 | 8.7 | 81 | 0.2 | 16.9 | 6.2 | 255 | 3.38 | 6.7 | 1.9 | 2.1 | 31 | 0.7 | 0.8 | 0.3 | 54 | 0.18 | 0.032 | 15 |
| L15S 700W | Soil | 3.0 | 41.9 | 10.7 | 277 | 0.5 | 22.4 | 19.4 | 661 | 3.66 | 2.9 | 2.4 | 1.4 | 46 | 2.4 | 0.5 | 0.3 | 92 | 0.43 | 0.073 | 16 |
| L15S 750W | Soil | 7.5 | 89.8 | 15.9 | 117 | 0.8 | 13.2 | 5.2 | 268 | 2.35 | 4.5 | 1.8 | 2.6 | 67 | 2.4 | 0.8 | 0.4 | 42 | 0.51 | 0.055 | 24 |
| L15S 800W | Soil | 4.6 | 85.4 | 14.1 | 199 | 0.8 | 25.6 | 16.6 | 497 | 4.50 | 8.1 | 2.1 | 1.5 | 57 | 1.0 | 0.5 | 0.3 | 72 | 0.56 | 0.063 | 12 |
| L15S 850W | Soil | 2.4 | 28.2 | 8.1 | 96 | <0.1 | 14.1 | 5.5 | 241 | 3.02 | 4.5 | 10.7 | 1.9 | 7 | 0.9 | 0.3 | 0.2 | 77 | 0.35 | 0.073 | 10 |
| L15S 900W | Soil | 4.1 | 85.4 | 13.3 | 271 | 0.2 | 38.2 | 14.2 | 1013 | 3.65 | 6.0 | 2.5 | 3.3 | 12 | 2.9 | 0.4 | 0.4 | 115 | 0.22 | 0.164 | 34 |
| L15S 950W | Soil | 7.9 | 702.3 | 23.1 | 148 | 6.3 | 131.3 | 32.2 | 5245 | 4.70 | 11.8 | 33.1 | 6.4 | 86 | 3.5 | 1.6 | 0.6 | 39 | 0.81 | 0.126 | 25 |
| L15S 1000W | Soil | 3.3 | 25.2 | 6.0 | 215 | 0.3 | 25.9 | 16.5 | 556 | 4.92 | 4.0 | 1.1 | 1.0 | 16 | 1.4 | 0.4 | 0.2 | 174 | 0.22 | 0.054 | 5 |

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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: November 18, 2017



# CERTIFICATE OF ANALYSIS VAN17002508.1

| | | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L21S 1700W | Soil | | 52 | 0.51 | 336 | 0.026 | <20 | 2.18 | 0.001 | 0.10 | <0.1 | 0.06 | 5.2 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L21S 1750W | Soil | | 29 | 0.20 | 117 | 0.066 | <20 | 0.83 | <0.001 | 0.08 | <0.1 | 0.03 | 2.4 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L21S 1800W | Soil | | 44 | 0.39 | 387 | 0.028 | <20 | 1.79 | 0.002 | 0.07 | <0.1 | 0.03 | 4.5 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L21S 1850W | Soil | | 32 | 0.31 | 289 | 0.037 | <20 | 1.51 | <0.001 | 0.05 | <0.1 | 0.04 | 3.3 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L22N 1200E | Soil | | 25 | 0.24 | 87 | 0.040 | <20 | 0.89 | <0.001 | 0.06 | <0.1 | 0.04 | 2.0 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L22N 1150E | Soil | | 33 | 0.18 | 77 | 0.054 | <20 | 0.87 | <0.001 | 0.03 | <0.1 | 0.26 | 2.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L22N 1100E | Soil | | 55 | 0.33 | 47 | 0.109 | <20 | 1.37 | <0.001 | 0.03 | <0.1 | 0.21 | 3.2 | <0.1 | <0.05 | 9 | <0.5 | <0.2 |
| L22N 1050E | Soil | | 81 | 0.54 | 73 | 0.096 | <20 | 1.57 | <0.001 | 0.04 | 0.2 | 0.18 | 3.5 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L22N 1000E | Soil | | 22 | 0.12 | 102 | 0.035 | <20 | 0.65 | <0.001 | 0.04 | <0.1 | 0.49 | 1.0 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L22N 950E | Soil | | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L22N 900E | Soil | | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L22N 850E | Soil | | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L22N 800E | Soil | | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L15S 200W | Soil | | 37 | 0.62 | 350 | 0.011 | <20 | 1.83 | 0.004 | 0.09 | <0.1 | 0.29 | 6.8 | 0.2 | <0.05 | 5 | 1.7 | <0.2 |
| L15S 250W | Soil | | 34 | 0.53 | 225 | 0.010 | <20 | 1.49 | 0.006 | 0.08 | <0.1 | 0.47 | 5.9 | 0.2 | <0.05 | 4 | 0.6 | <0.2 |
| L15S 300W | Soil | | 32 | 0.53 | 512 | 0.010 | <20 | 1.98 | 0.005 | 0.14 | 0.1 | 0.15 | 4.6 | 0.2 | <0.05 | 6 | 0.7 | <0.2 |
| L15S 350W | Soil | | 25 | 0.34 | 252 | 0.036 | <20 | 1.37 | 0.004 | 0.07 | <0.1 | 0.15 | 5.0 | 0.1 | <0.05 | 6 | 0.6 | <0.2 |
| L15S 400W | Soil | | 25 | 0.32 | 173 | 0.056 | <20 | 1.03 | 0.003 | 0.07 | <0.1 | 0.02 | 2.4 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L15S 450W | Soil | | 23 | 0.28 | 329 | 0.004 | <20 | 1.61 | 0.002 | 0.09 | <0.1 | 0.66 | 4.6 | 0.2 | <0.05 | 4 | 2.9 | <0.2 |
| L15S 500W | Soil | | 22 | 0.24 | 303 | 0.003 | <20 | 1.69 | 0.003 | 0.11 | <0.1 | 0.19 | 4.2 | 0.2 | <0.05 | 5 | 1.2 | <0.2 |
| L15S 550W | Soil | | 15 | 0.24 | 211 | 0.005 | <20 | 1.02 | 0.003 | 0.17 | <0.1 | 0.03 | 2.0 | 0.2 | <0.05 | 5 | <0.5 | 0.2 |
| L15S 600W | Soil | | 23 | 0.29 | 195 | 0.035 | <20 | 1.32 | 0.005 | 0.08 | <0.1 | 0.04 | 3.2 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L15S 650W | Soil | | 19 | 0.36 | 195 | 0.015 | <20 | 1.14 | 0.003 | 0.11 | <0.1 | 0.03 | 2.5 | <0.1 | <0.05 | 5 | 0.5 | <0.2 |
| L15S 700W | Soil | | 34 | 0.37 | 368 | 0.055 | <20 | 1.52 | 0.018 | 0.08 | <0.1 | 0.04 | 4.1 | 0.1 | <0.05 | 8 | 0.5 | <0.2 |
| L15S 750W | Soil | | 14 | 0.15 | 437 | 0.002 | <20 | 1.12 | 0.003 | 0.15 | <0.1 | 0.04 | 2.2 | 0.1 | <0.05 | 6 | <0.5 | 0.2 |
| L15S 800W | Soil | | 28 | 0.41 | 382 | 0.041 | <20 | 2.23 | 0.006 | 0.06 | 0.1 | 0.10 | 4.7 | 0.1 | <0.05 | 9 | 1.8 | <0.2 |
| L15S 850W | Soil | | 34 | 0.53 | 174 | 0.019 | <20 | 2.82 | 0.005 | 0.03 | <0.1 | 0.04 | 5.7 | <0.1 | <0.05 | 10 | <0.5 | <0.2 |
| L15S 900W | Soil | | 54 | 0.31 | 294 | 0.004 | <20 | 2.49 | 0.003 | 0.06 | <0.1 | 0.03 | 6.6 | 0.2 | <0.05 | 8 | 1.0 | <0.2 |
| L15S 950W | Soil | | 41 | 0.41 | 443 | 0.009 | <20 | 3.38 | 0.006 | 0.11 | <0.1 | 1.13 | 18.8 | 0.9 | <0.05 | 5 | 3.6 | <0.2 |
| L15S 1000W | Soil | | 83 | 1.09 | 141 | 0.060 | <20 | 2.03 | 0.003 | 0.05 | <0.1 | 0.04 | 8.2 | <0.1 | <0.05 | 13 | <0.5 | <0.2 |

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Project: Lustdust
Report Date: November 18, 2017



# CERTIFICATE OF ANALYSIS VAN17002508.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L15S 1050W | Soil | 10.2 | 366.0 | 14.0 | 160 | 2.3 | 114.0 | 23.6 | 7740 | 4.17 | 11.5 | 11.2 | 2.0 | 81 | 2.7 | 1.2 | 0.3 | 48 | 0.93 | 0.138 | 80 |
| L15S 1100W | Soil | 4.0 | 83.0 | 2.5 | 229 | 0.1 | 38.2 | 50.7 | 1212 | 14.85 | 7.5 | 0.8 | 0.5 | 20 | 0.7 | 1.0 | 0.1 | 383 | 0.72 | 0.136 | 4 |
| L15S 1150W | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L15S 1200W | Soil | 11.5 | 80.9 | 25.8 | 300 | 0.1 | 32.4 | 14.6 | 1748 | 4.78 | 13.8 | 1.6 | 5.9 | 39 | 0.4 | 0.7 | 0.7 | 41 | 0.35 | 0.063 | 41 |
| L15S 1250W | Soil | 6.3 | 122.1 | 17.0 | 114 | 0.4 | 30.0 | 12.0 | 1064 | 3.49 | 7.9 | 3.3 | 2.2 | 90 | 0.8 | 0.8 | 0.5 | 43 | 1.49 | 0.064 | 16 |
| L15S 1300W | Soil | 9.6 | 196.3 | 24.1 | 177 | 1.3 | 83.8 | 22.5 | 4700 | 3.99 | 9.5 | 4.7 | 4.3 | 85 | 2.2 | 0.9 | 0.6 | 27 | 1.12 | 0.106 | 17 |
| L15S 1350W | Soil | 31.0 | 186.3 | 30.5 | 251 | 1.8 | 100.3 | 28.2 | 1179 | 5.79 | 22.2 | 5.5 | 6.5 | 54 | 0.9 | 1.4 | 0.8 | 29 | 0.60 | 0.075 | 14 |
| L15S 1400W | Soil | 1.4 | 55.5 | 10.1 | 86 | <0.1 | 23.2 | 4.7 | 692 | 3.49 | 2.5 | <0.5 | 6.2 | 8 | <0.1 | 0.3 | 0.5 | 25 | 0.08 | 0.042 | 28 |
| L15S 1450W | Soil | 16.6 | 70.9 | 13.8 | 117 | 0.2 | 33.4 | 13.4 | 413 | 3.85 | 7.6 | 2.1 | 4.4 | 43 | 0.3 | 1.8 | 0.3 | 44 | 0.67 | 0.040 | 26 |
| L15S 1500W | Soil | 2.9 | 32.8 | 4.4 | 148 | 0.3 | 17.2 | 16.0 | 829 | 8.47 | 1.8 | 0.9 | 0.6 | 12 | 0.4 | 0.5 | 0.2 | 324 | 1.07 | 0.136 | 2 |
| L15S 1550W | Soil | 3.2 | 88.3 | 10.9 | 103 | 0.2 | 19.5 | 13.8 | 585 | 4.49 | 5.5 | 0.7 | 1.0 | 86 | 0.4 | 0.4 | 0.3 | 119 | 1.48 | 0.056 | 15 |
| L17S 350W | Soil | 5.3 | 144.2 | 15.5 | 138 | 1.1 | 42.6 | 14.9 | 1220 | 3.55 | 11.3 | 5.0 | 1.8 | 101 | 1.2 | 1.7 | 0.4 | 44 | 0.97 | 0.072 | 27 |
| L17S 400W | Soil | 4.3 | 212.5 | 13.3 | 109 | 1.4 | 44.4 | 13.2 | 1608 | 3.10 | 6.1 | 3.0 | 1.2 | 130 | 1.9 | 1.0 | 0.3 | 45 | 1.05 | 0.068 | 38 |
| L17S 450W | Soil | 1.7 | 8.0 | 4.0 | 30 | <0.1 | 4.7 | 1.7 | 169 | 0.87 | 1.2 | <0.5 | 0.9 | 10 | 0.1 | 0.3 | 0.1 | 30 | 0.14 | 0.029 | 11 |
| L17S 500W | Soil | 6.6 | 139.0 | 7.8 | 83 | 0.8 | 24.9 | 8.3 | 2289 | 2.56 | 4.3 | 2.0 | 1.9 | 67 | 0.6 | 0.5 | 0.3 | 54 | 0.51 | 0.046 | 36 |
| L17S 550W | Soil | 4.1 | 38.9 | 7.0 | 94 | 0.1 | 21.4 | 7.6 | 363 | 3.07 | 8.4 | <0.5 | 1.4 | 14 | 0.4 | 0.8 | 0.1 | 58 | 0.17 | 0.045 | 11 |
| L17S 600W | Soil | 3.5 | 33.8 | 7.4 | 131 | <0.1 | 21.8 | 6.8 | 289 | 2.79 | 7.0 | 1.4 | 1.4 | 19 | 0.5 | 0.8 | 0.1 | 50 | 0.22 | 0.045 | 11 |
| L17S 650W | Soil | 3.4 | 33.0 | 6.6 | 66 | <0.1 | 17.6 | 4.5 | 203 | 2.22 | 7.8 | 1.9 | 1.2 | 29 | 0.3 | 0.8 | 0.1 | 37 | 0.20 | 0.041 | 8 |
| L17S 700W | Soil | 7.0 | 57.4 | 17.1 | 162 | 0.3 | 19.2 | 10.8 | 241 | 2.52 | 5.6 | 1.4 | 1.9 | 49 | 1.4 | 1.1 | 0.3 | 29 | 0.28 | 0.071 | 13 |
| L17S 750W | Soil | 7.9 | 147.6 | 12.6 | 127 | 1.9 | 52.9 | 11.0 | 1212 | 3.12 | 6.6 | 4.3 | 2.6 | 67 | 1.2 | 0.9 | 0.3 | 36 | 0.45 | 0.048 | 26 |
| L17S 800W | Soil | 3.4 | 30.3 | 7.1 | 93 | 0.2 | 21.2 | 9.1 | 335 | 4.13 | 6.6 | 0.7 | 2.1 | 11 | 0.3 | 0.8 | 0.3 | 86 | 0.21 | 0.093 | 13 |
| L17S 850W | Soil | 2.6 | 20.6 | 5.9 | 57 | <0.1 | 12.0 | 4.9 | 174 | 1.65 | 3.4 | <0.5 | 1.4 | 9 | 0.2 | 0.6 | 0.2 | 49 | 0.24 | 0.056 | 18 |
| L17S 900W | Soil | 0.8 | 8.3 | 7.5 | 43 | <0.1 | 8.8 | 8.3 | 405 | 3.00 | <0.5 | 1.4 | 0.9 | 10 | 0.5 | <0.1 | 0.2 | 191 | 2.20 | 0.058 | 6 |
| L17S 950W | Soil | 2.1 | 38.4 | 5.7 | 160 | 0.1 | 28.5 | 52.7 | 2726 | 8.06 | 3.1 | <0.5 | 0.8 | 26 | 0.5 | 0.4 | 0.2 | 226 | 0.82 | 0.091 | 5 |
| L17S 1000W | Soil | 3.8 | 39.1 | 5.1 | 90 | 0.1 | 24.5 | 20.9 | 603 | 4.46 | 2.9 | 1.0 | 1.3 | 30 | 0.2 | 0.4 | 0.2 | 136 | 0.66 | 0.047 | 9 |
| L17S 1050W | Soil | 2.8 | 41.0 | 5.2 | 94 | 0.1 | 25.2 | 23.3 | 678 | 6.54 | 4.5 | <0.5 | 0.5 | 20 | 0.4 | 0.2 | 0.2 | 300 | 0.37 | 0.055 | 3 |
| L17S 1100W | Soil | 1.9 | 16.0 | 5.9 | 94 | <0.1 | 22.9 | 9.5 | 262 | 3.14 | 1.5 | <0.5 | 0.8 | 53 | 0.3 | 0.3 | 0.2 | 113 | 0.46 | 0.055 | 7 |
| L17S 1150W | Soil | 17.7 | 86.9 | 30.7 | 126 | 0.2 | 15.6 | 7.8 | 165 | 3.96 | 12.1 | 3.1 | 7.4 | 16 | 0.3 | 1.6 | 0.6 | 35 | 0.14 | 0.050 | 29 |
| L17S 1200W | Soil | 9.6 | 146.5 | 22.0 | 205 | 1.0 | 59.6 | 22.7 | 2044 | 3.73 | 11.8 | 1.8 | 3.7 | 97 | 1.2 | 1.2 | 0.6 | 41 | 1.32 | 0.061 | 17 |
| L17S 1250W | Soil | 14.9 | 46.9 | 15.0 | 80 | 0.1 | 14.0 | 5.2 | 116 | 2.31 | 9.0 | <0.5 | 3.1 | 21 | 0.2 | 1.7 | 0.5 | 42 | 0.41 | 0.053 | 32 |

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Project: Lustdust
Report Date: November 18, 2017



# CERTIFICATE OF ANALYSIS VAN17002508.1

| | | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L15S 1050W | Soil | | 33 | 0.87 | 378 | 0.013 | <20 | 2.53 | 0.004 | 0.08 | <0.1 | 0.85 | 14.2 | 0.6 | <0.05 | 5 | 1.2 | <0.2 |
| L15S 1100W | Soil | | 68 | 1.62 | 231 | 0.600 | <20 | 3.45 | 0.004 | 0.10 | 0.2 | 0.31 | 11.3 | 0.1 | <0.05 | 21 | <0.5 | <0.2 |
| L15S 1150W | Soil | | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L15S 1200W | Soil | | 24 | 0.48 | 577 | 0.001 | <20 | 2.09 | 0.001 | 0.14 | <0.1 | 0.09 | 4.1 | 0.3 | <0.05 | 7 | 0.6 | <0.2 |
| L15S 1250W | Soil | | 21 | 0.32 | 389 | 0.002 | <20 | 1.38 | 0.003 | 0.09 | <0.1 | 0.17 | 4.6 | 0.3 | <0.05 | 5 | 1.7 | <0.2 |
| L15S 1300W | Soil | | 20 | 0.32 | 386 | 0.002 | <20 | 2.36 | 0.005 | 0.10 | <0.1 | 0.34 | 7.3 | 0.5 | <0.05 | 5 | 1.6 | <0.2 |
| L15S 1350W | Soil | | 18 | 0.34 | 421 | <0.001 | <20 | 2.05 | 0.004 | 0.13 | <0.1 | 0.26 | 5.7 | 0.7 | <0.05 | 4 | 2.1 | <0.2 |
| L15S 1400W | Soil | | 7 | 0.06 | 214 | 0.001 | <20 | 0.59 | <0.001 | 0.11 | <0.1 | 0.03 | 2.2 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L15S 1450W | Soil | | 19 | 0.21 | 355 | <0.001 | <20 | 1.17 | 0.002 | 0.09 | <0.1 | 0.07 | 5.2 | 0.2 | <0.05 | 3 | <0.5 | <0.2 |
| L15S 1500W | Soil | | 74 | 0.63 | 145 | 0.631 | <20 | 2.34 | 0.006 | 0.06 | <0.1 | 0.04 | 5.4 | 0.1 | <0.05 | 15 | <0.5 | <0.2 |
| L15S 1550W | Soil | | 37 | 0.37 | 371 | 0.030 | <20 | 1.86 | 0.006 | 0.07 | <0.1 | 0.08 | 6.7 | 0.1 | <0.05 | 7 | 1.4 | <0.2 |
| L17S 350W | Soil | | 32 | 0.46 | 489 | 0.007 | <20 | 1.82 | 0.005 | 0.12 | <0.1 | 0.36 | 6.0 | 0.3 | <0.05 | 5 | 1.3 | <0.2 |
| L17S 400W | Soil | | 32 | 0.35 | 463 | 0.010 | <20 | 1.67 | 0.005 | 0.08 | <0.1 | 0.33 | 6.6 | 0.2 | <0.05 | 5 | 2.0 | <0.2 |
| L17S 450W | Soil | | 10 | 0.10 | 71 | 0.023 | <20 | 0.72 | 0.004 | 0.04 | <0.1 | 0.03 | 1.8 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L17S 500W | Soil | | 48 | 0.40 | 425 | 0.012 | <20 | 1.86 | 0.004 | 0.09 | <0.1 | 0.25 | 8.9 | 0.3 | <0.05 | 7 | 0.5 | <0.2 |
| L17S 550W | Soil | | 27 | 0.31 | 110 | 0.041 | <20 | 1.13 | 0.004 | 0.05 | <0.1 | 0.02 | 3.0 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L17S 600W | Soil | | 29 | 0.34 | 112 | 0.027 | <20 | 1.12 | 0.003 | 0.06 | <0.1 | 0.02 | 2.7 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L17S 650W | Soil | | 24 | 0.21 | 58 | 0.030 | <20 | 0.59 | 0.002 | 0.07 | <0.1 | 0.02 | 2.0 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| L17S 700W | Soil | | 19 | 0.26 | 291 | 0.003 | <20 | 1.21 | 0.005 | 0.11 | <0.1 | 0.08 | 2.2 | 0.2 | <0.05 | 5 | 0.6 | <0.2 |
| L17S 750W | Soil | | 18 | 0.21 | 487 | 0.002 | <20 | 1.48 | 0.002 | 0.09 | <0.1 | 0.30 | 5.8 | 0.3 | <0.05 | 4 | 0.9 | <0.2 |
| L17S 800W | Soil | | 36 | 0.47 | 181 | 0.065 | <20 | 1.80 | 0.003 | 0.08 | <0.1 | 0.04 | 3.6 | 0.1 | <0.05 | 8 | <0.5 | <0.2 |
| L17S 850W | Soil | | 16 | 0.19 | 96 | 0.055 | <20 | 0.68 | <0.001 | 0.07 | <0.1 | 0.02 | 2.0 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L17S 900W | Soil | | 39 | 0.37 | 107 | 0.281 | <20 | 2.52 | 0.007 | 0.04 | <0.1 | 0.02 | 3.4 | <0.1 | <0.05 | 14 | <0.5 | <0.2 |
| L17S 950W | Soil | | 61 | 0.79 | 249 | 0.299 | <20 | 2.10 | 0.004 | 0.06 | 0.1 | 0.06 | 5.6 | 0.1 | <0.05 | 12 | <0.5 | <0.2 |
| L17S 1000W | Soil | | 27 | 0.50 | 246 | 0.167 | <20 | 1.57 | 0.004 | 0.08 | <0.1 | 0.05 | 4.5 | <0.1 | <0.05 | 8 | <0.5 | <0.2 |
| L17S 1050W | Soil | | 87 | 1.18 | 121 | 0.148 | <20 | 2.11 | 0.002 | 0.03 | <0.1 | 0.06 | 9.0 | <0.1 | <0.05 | 12 | <0.5 | <0.2 |
| L17S 1100W | Soil | | 36 | 0.39 | 87 | 0.183 | <20 | 1.32 | 0.014 | 0.04 | <0.1 | 0.03 | 2.7 | <0.1 | <0.05 | 10 | <0.5 | <0.2 |
| L17S 1150W | Soil | | 18 | 0.16 | 416 | 0.002 | <20 | 1.42 | 0.003 | 0.11 | <0.1 | 0.05 | 2.8 | 0.2 | <0.05 | 6 | 1.0 | <0.2 |
| L17S 1200W | Soil | | 22 | 0.42 | 427 | 0.002 | <20 | 1.98 | 0.004 | 0.10 | <0.1 | 0.15 | 4.3 | 0.3 | <0.05 | 5 | 1.4 | <0.2 |
| L17S 1250W | Soil | | 13 | 0.11 | 146 | 0.002 | <20 | 1.02 | 0.001 | 0.11 | <0.1 | 0.05 | 2.1 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |

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Project: Lustdust
Report Date: November 18, 2017



# CERTIFICATE OF ANALYSIS VAN17002508.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L17S 1300W | Soil | 1.3 | 8.0 | 10.3 | 46 | <0.1 | 5.8 | 6.1 | 1491 | 1.61 | 0.8 | <0.5 | 0.8 | 10 | 0.2 | 0.2 | 0.2 | 74 | 0.39 | 0.040 | 9 |
| L17S 1350W | Soil | 3.3 | 158.8 | 5.4 | 177 | 0.4 | 39.9 | 26.0 | 3023 | 5.78 | 2.4 | <0.5 | 0.9 | 56 | 0.9 | 0.5 | 0.1 | 154 | 1.00 | 0.077 | 11 |
| L17S 1400W | Soil | 9.4 | 333.8 | 12.3 | 125 | 0.6 | 44.0 | 19.1 | 1574 | 3.36 | 10.4 | 2.4 | 1.9 | 98 | 0.8 | 1.7 | 0.5 | 44 | 1.58 | 0.151 | 28 |
| L17S 1450W | Soil | 2.9 | 35.2 | 8.0 | 80 | <0.1 | 14.1 | 6.4 | 236 | 2.12 | 5.4 | <0.5 | 1.3 | 16 | 0.3 | 0.4 | 0.2 | 48 | 0.14 | 0.049 | 15 |
| L17S 1500W | Soil | 8.6 | 63.3 | 12.3 | 91 | 0.2 | 20.2 | 6.1 | 143 | 2.84 | 5.6 | 1.0 | 3.8 | 11 | 0.2 | 1.3 | 0.4 | 43 | 0.13 | 0.041 | 23 |
| L17S 1550W | Soil | 15.7 | 106.9 | 26.1 | 175 | 1.5 | 33.0 | 22.0 | 1099 | 4.43 | 13.3 | 1.1 | 5.9 | 12 | 0.6 | 1.5 | 0.5 | 45 | 0.13 | 0.156 | 22 |
| L17S 1600W | Soil | 5.9 | 88.0 | 11.6 | 66 | 0.9 | 30.0 | 8.7 | 1408 | 2.25 | 5.0 | 2.0 | 1.1 | 105 | 0.8 | 1.2 | 0.3 | 39 | 1.18 | 0.073 | 15 |
| L17S 1650W | Soil | 8.9 | 67.4 | 19.5 | 168 | 0.5 | 25.4 | 17.3 | 743 | 3.77 | 12.2 | 0.9 | 2.7 | 22 | 0.6 | 2.8 | 0.4 | 54 | 0.16 | 0.075 | 13 |
| L17S 1700W | Soil | 1.9 | 14.7 | 6.9 | 87 | <0.1 | 21.6 | 8.1 | 347 | 2.57 | 4.6 | <0.5 | 1.5 | 13 | 0.2 | 0.7 | 0.2 | 63 | 0.16 | 0.042 | 13 |
| L17S 1750W | Soil | 5.3 | 120.0 | 12.6 | 86 | 0.3 | 42.2 | 18.1 | 896 | 3.50 | 7.4 | 1.6 | 2.1 | 77 | 0.4 | 0.8 | 0.3 | 68 | 0.94 | 0.056 | 27 |
| L17S 1800W | Soil | 1.6 | 72.1 | 10.8 | 144 | 0.2 | 105.0 | 38.1 | 4282 | 7.18 | 2.0 | <0.5 | 1.2 | 47 | 0.5 | 0.1 | 0.2 | 174 | 0.58 | 0.103 | 9 |
| L17S 1850W | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L17S 1900W | Soil | 4.7 | 64.7 | 9.7 | 100 | 0.2 | 20.7 | 10.0 | 343 | 3.79 | 5.8 | 0.7 | 1.8 | 24 | 0.2 | 0.5 | 0.2 | 65 | 0.08 | 0.038 | 13 |
| L17S 1950W | Soil | 2.2 | 12.7 | 5.2 | 44 | <0.1 | 7.6 | 3.2 | 118 | 1.40 | 1.9 | <0.5 | 0.8 | 19 | 0.2 | 0.4 | 0.2 | 61 | 0.35 | 0.021 | 8 |
| L17S 2000W | Soil | 6.8 | 66.1 | 12.6 | 86 | 0.5 | 20.2 | 10.4 | 310 | 3.41 | 6.7 | <0.5 | 2.2 | 14 | 0.3 | 0.8 | 0.3 | 40 | 0.14 | 0.060 | 17 |
| L22N 3000W | Soil | 9.8 | 94.2 | 19.5 | 180 | 0.2 | 32.8 | 20.2 | 2400 | 3.33 | 8.8 | 1.5 | 1.8 | 19 | 0.4 | 0.8 | 0.4 | 34 | 0.17 | 0.096 | 17 |
| L22N 2950W | Soil | 4.3 | 60.9 | 9.1 | 248 | 0.3 | 25.9 | 13.5 | 3393 | 3.92 | 5.7 | 0.7 | 1.6 | 28 | 1.0 | 0.5 | 0.2 | 63 | 0.40 | 0.088 | 16 |
| L22N 2900W | Soil | 6.0 | 192.4 | 20.6 | 252 | 0.8 | 72.7 | 24.0 | 4647 | 4.66 | 9.9 | 4.0 | 2.2 | 88 | 2.6 | 1.1 | 0.3 | 65 | 0.91 | 0.168 | 22 |
| L22N 2850W | Soil | 2.9 | 51.2 | 10.9 | 116 | 0.3 | 15.3 | 11.3 | 1949 | 3.03 | 6.1 | 1.5 | 0.2 | 14 | 0.4 | 0.5 | 0.2 | 54 | 0.29 | 0.109 | 16 |
| L22N 2800W | Soil | 1.9 | 16.6 | 8.5 | 39 | 0.2 | 7.5 | 3.3 | 195 | 2.19 | 4.3 | <0.5 | 0.4 | 7 | 0.2 | 0.6 | 0.2 | 77 | 0.31 | 0.047 | 12 |
| L22N 2750W | Soil | 4.3 | 56.4 | 11.9 | 187 | 0.3 | 28.6 | 12.7 | 1235 | 3.26 | 7.6 | 0.9 | 0.5 | 54 | 1.1 | 0.8 | 0.3 | 48 | 0.74 | 0.111 | 17 |
| L22N 2700W | Soil | 2.2 | 5.5 | 7.5 | 21 | <0.1 | 3.2 | 1.3 | 78 | 0.55 | 1.2 | <0.5 | 1.5 | 9 | <0.1 | 0.5 | 0.2 | 51 | 0.11 | 0.014 | 27 |
| L22N 2650W | Soil | 3.0 | 28.5 | 6.6 | 87 | 0.4 | 15.0 | 4.1 | 215 | 1.92 | 2.2 | <0.5 | 1.2 | 8 | 0.3 | 0.3 | 0.2 | 41 | 0.09 | 0.022 | 16 |
| L22N 2600W | Soil | 6.3 | 75.4 | 11.2 | 222 | <0.1 | 32.3 | 7.3 | 749 | 2.84 | 3.0 | <0.5 | 0.8 | 59 | 1.4 | 0.6 | 0.3 | 48 | 0.38 | 0.054 | 21 |
| L22N 2550W | Soil | 24.1 | 368.0 | 24.7 | 703 | 1.0 | 99.0 | 31.7 | 7879 | 4.39 | 8.0 | 2.8 | 1.1 | 130 | 5.9 | 0.7 | 0.4 | 55 | 0.71 | 0.158 | 45 |
| L22N 2500W | Soil | 7.6 | 51.8 | 9.9 | 153 | 0.3 | 14.2 | 8.8 | 560 | 3.13 | 4.7 | <0.5 | 0.5 | 50 | 0.6 | 0.4 | 0.2 | 76 | 0.38 | 0.066 | 20 |
| L22N 2450W | Soil | 6.7 | 205.3 | 13.3 | 153 | 0.8 | 40.2 | 15.6 | 1376 | 3.45 | 14.2 | 2.4 | 1.4 | 80 | 2.0 | 1.9 | 0.3 | 38 | 0.61 | 0.128 | 51 |
| L22N 2400W | Soil | 7.2 | 142.5 | 16.2 | 134 | 0.8 | 24.9 | 13.3 | 2101 | 2.85 | 7.7 | 0.9 | 0.4 | 80 | 2.4 | 1.1 | 0.5 | 37 | 0.57 | 0.101 | 32 |
| L22N 2350W | Soil | 5.8 | 85.6 | 10.8 | 143 | 0.3 | 29.8 | 10.9 | 591 | 3.39 | 8.2 | 1.6 | 2.3 | 65 | 0.4 | 1.5 | 0.4 | 38 | 0.52 | 0.086 | 22 |
| L22N 2300W | Soil | 7.1 | 81.4 | 23.0 | 125 | 0.6 | 12.9 | 51.7 | 2219 | 2.33 | 3.1 | 1.9 | 0.1 | 31 | 0.9 | 0.4 | 0.5 | 46 | 0.25 | 0.098 | 19 |

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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: November 18, 2017



# CERTIFICATE OF ANALYSIS VAN17002508.1

| | | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L17S 1300W | Soil | | 20 | 0.21 | 193 | 0.112 | <20 | 0.87 | 0.005 | 0.04 | <0.1 | 0.04 | 2.0 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L17S 1350W | Soil | | 56 | 0.66 | 195 | 0.180 | <20 | 1.97 | 0.004 | 0.04 | 0.1 | 0.09 | 16.1 | <0.1 | <0.05 | 8 | 0.8 | <0.2 |
| L17S 1400W | Soil | | 24 | 0.41 | 498 | 0.002 | <20 | 1.89 | 0.005 | 0.07 | <0.1 | 0.30 | 12.0 | 0.2 | <0.05 | 4 | 2.6 | <0.2 |
| L17S 1450W | Soil | | 15 | 0.16 | 169 | 0.005 | <20 | 0.76 | 0.002 | 0.10 | <0.1 | 0.02 | 2.4 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L17S 1500W | Soil | | 17 | 0.12 | 258 | 0.001 | <20 | 1.24 | 0.002 | 0.08 | <0.1 | 0.04 | 3.3 | 0.2 | <0.05 | 6 | 0.5 | <0.2 |
| L17S 1550W | Soil | | 21 | 0.27 | 325 | 0.002 | <20 | 2.01 | 0.004 | 0.15 | <0.1 | 0.18 | 3.8 | 0.4 | <0.05 | 6 | 1.4 | <0.2 |
| L17S 1600W | Soil | | 20 | 0.27 | 459 | 0.004 | <20 | 1.34 | 0.004 | 0.09 | <0.1 | 0.35 | 3.4 | 0.2 | <0.05 | 4 | 1.4 | <0.2 |
| L17S 1650W | Soil | | 29 | 0.33 | 359 | 0.003 | <20 | 1.67 | 0.006 | 0.22 | <0.1 | 0.04 | 3.3 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L17S 1700W | Soil | | 45 | 0.38 | 148 | 0.014 | <20 | 1.33 | 0.002 | 0.08 | <0.1 | 0.01 | 3.4 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L17S 1750W | Soil | | 42 | 0.39 | 400 | 0.005 | <20 | 1.62 | 0.004 | 0.07 | <0.1 | 0.30 | 6.0 | 0.2 | <0.05 | 5 | 1.4 | <0.2 |
| L17S 1800W | Soil | | 186 | 1.99 | 305 | 0.004 | <20 | 2.46 | 0.005 | 0.04 | <0.1 | 0.07 | 14.1 | <0.1 | <0.05 | 10 | <0.5 | <0.2 |
| L17S 1850W | Soil | | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L17S 1900W | Soil | | 21 | 0.11 | 254 | 0.001 | <20 | 1.14 | 0.004 | 0.07 | <0.1 | 0.31 | 4.5 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L17S 1950W | Soil | | 17 | 0.16 | 127 | 0.027 | <20 | 0.91 | 0.004 | 0.02 | <0.1 | 0.02 | 2.6 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L17S 2000W | Soil | | 14 | 0.25 | 175 | <0.001 | <20 | 0.97 | 0.001 | 0.14 | <0.1 | 0.05 | 2.0 | 0.2 | <0.05 | 4 | 0.5 | <0.2 |
| L22N 3000W | Soil | | 14 | 0.14 | 430 | 0.003 | <20 | 1.39 | 0.005 | 0.09 | <0.1 | 0.12 | 3.2 | 0.2 | <0.05 | 4 | 1.0 | <0.2 |
| L22N 2950W | Soil | | 30 | 0.47 | 447 | 0.037 | <20 | 2.99 | 0.006 | 0.08 | <0.1 | 0.13 | 5.1 | 0.3 | <0.05 | 9 | 0.9 | <0.2 |
| L22N 2900W | Soil | | 45 | 0.89 | 759 | 0.010 | <20 | 4.14 | 0.008 | 0.21 | <0.1 | 0.25 | 8.1 | 0.5 | <0.05 | 9 | 1.9 | <0.2 |
| L22N 2850W | Soil | | 26 | 0.41 | 229 | 0.014 | <20 | 2.17 | 0.006 | 0.09 | <0.1 | 0.07 | 2.6 | 0.2 | <0.05 | 7 | 1.0 | <0.2 |
| L22N 2800W | Soil | | 18 | 0.24 | 93 | 0.068 | <20 | 1.37 | 0.004 | 0.06 | <0.1 | 0.12 | 2.0 | 0.1 | <0.05 | 9 | <0.5 | <0.2 |
| L22N 2750W | Soil | | 37 | 0.53 | 304 | 0.014 | <20 | 2.00 | 0.004 | 0.11 | <0.1 | 0.12 | 3.2 | 0.2 | <0.05 | 6 | 1.2 | <0.2 |
| L22N 2700W | Soil | | 12 | 0.14 | 149 | 0.074 | <20 | 1.15 | 0.004 | 0.06 | <0.1 | 0.02 | 1.9 | 0.3 | <0.05 | 8 | <0.5 | <0.2 |
| L22N 2650W | Soil | | 20 | 0.47 | 86 | 0.018 | <20 | 1.57 | 0.001 | 0.06 | <0.1 | 0.04 | 2.9 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L22N 2600W | Soil | | 20 | 0.58 | 483 | 0.007 | <20 | 1.83 | 0.003 | 0.07 | <0.1 | 0.06 | 2.3 | 0.2 | <0.05 | 7 | 1.2 | <0.2 |
| L22N 2550W | Soil | | 39 | 0.48 | 327 | 0.012 | <20 | 3.85 | 0.007 | 0.10 | <0.1 | 0.17 | 2.8 | 1.2 | <0.05 | 7 | 3.3 | <0.2 |
| L22N 2500W | Soil | | 26 | 0.39 | 284 | 0.022 | <20 | 2.25 | 0.004 | 0.07 | <0.1 | 0.04 | 3.5 | 0.3 | <0.05 | 9 | 0.8 | <0.2 |
| L22N 2450W | Soil | | 45 | 0.67 | 137 | 0.026 | <20 | 1.56 | 0.005 | 0.09 | <0.1 | 0.33 | 4.5 | 0.4 | <0.05 | 5 | 1.9 | <0.2 |
| L22N 2400W | Soil | | 23 | 0.46 | 294 | 0.008 | <20 | 1.84 | 0.007 | 0.10 | 0.1 | 0.10 | 2.8 | 0.3 | <0.05 | 6 | 1.1 | <0.2 |
| L22N 2350W | Soil | | 22 | 0.74 | 298 | 0.004 | <20 | 2.00 | 0.004 | 0.09 | <0.1 | 0.06 | 3.5 | 0.3 | <0.05 | 6 | 1.0 | <0.2 |
| L22N 2300W | Soil | | 16 | 0.19 | 303 | 0.004 | <20 | 1.61 | 0.006 | 0.08 | <0.1 | 0.04 | 0.5 | 0.5 | <0.05 | 7 | 0.5 | <0.2 |

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Project: Lustdust
Report Date: November 18, 2017



# CERTIFICATE OF ANALYSIS VAN17002508.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L22N 2250W | Soil | 4.7 | 53.4 | 10.9 | 190 | 0.7 | 14.7 | 11.6 | 667 | 3.20 | 5.4 | <0.5 | <0.1 | 7 | 0.4 | 0.7 | 0.3 | 51 | 0.07 | 0.079 | 13 |
| L22N 2200W | Soil | 3.2 | 40.8 | 34.6 | 229 | 0.3 | 31.0 | 21.6 | 1148 | 4.21 | 10.8 | 2.7 | 0.9 | 33 | 3.1 | 4.9 | 0.3 | 67 | 1.07 | 0.414 | 43 |
| L22N 2150W | Soil | 7.9 | 31.6 | 21.3 | 48 | 0.2 | 7.8 | 2.8 | 729 | 1.78 | 6.8 | 0.6 | 1.3 | 9 | <0.1 | 2.1 | 0.4 | 32 | 0.08 | 0.105 | 29 |
| L22N 2100W | Soil | 7.5 | 31.2 | 18.1 | 83 | 0.5 | 12.6 | 5.4 | 916 | 2.48 | 19.4 | 1.1 | 0.2 | 7 | 0.1 | 5.6 | 0.3 | 33 | 0.07 | 0.099 | 21 |
| L22N 2050W | Soil | 4.6 | 31.9 | 16.5 | 87 | 0.2 | 15.4 | 5.6 | 583 | 2.64 | 19.4 | 0.9 | 0.2 | 6 | 0.1 | 7.8 | 0.3 | 39 | 0.06 | 0.074 | 18 |
| L22N 2000W | Soil | 0.7 | 4.2 | 2.7 | 11 | <0.1 | 1.4 | 0.3 | 39 | 0.24 | 0.8 | <0.5 | 1.1 | 4 | <0.1 | 0.4 | 0.1 | 16 | 0.01 | 0.031 | 30 |
| L22N 1950W | Soil | 3.9 | 21.7 | 8.0 | 29 | 0.4 | 7.7 | 2.5 | 234 | 1.72 | 5.2 | <0.5 | 0.1 | 4 | <0.1 | 2.0 | 0.3 | 46 | 0.03 | 0.048 | 11 |
| L22N 1900W | Soil | 8.8 | 42.9 | 11.8 | 58 | 0.3 | 16.0 | 4.0 | 283 | 4.21 | 28.4 | <0.5 | 0.4 | 8 | <0.1 | 3.6 | 1.2 | 87 | 0.02 | 0.090 | 10 |
| L22N 1850W | Soil | 4.0 | 19.8 | 7.0 | 22 | 0.6 | 11.4 | 2.0 | 95 | 2.09 | 6.5 | 3.8 | 0.6 | 19 | <0.1 | 1.5 | 0.5 | 61 | 0.02 | 0.061 | 7 |
| L18N 3000W | Soil | 2.6 | 33.5 | 6.0 | 45 | 0.2 | 13.7 | 4.8 | 247 | 2.48 | 4.9 | <0.5 | 0.3 | 4 | <0.1 | 0.6 | 0.2 | 29 | 0.05 | 0.047 | 17 |
| L18N 2950W | Soil | 1.8 | 31.4 | 8.1 | 44 | 0.2 | 6.1 | 6.0 | 1640 | 2.44 | 4.2 | 1.6 | <0.1 | 8 | 0.1 | 0.5 | 0.2 | 41 | 0.29 | 0.091 | 11 |
| L18N 2900W | Soil | 4.8 | 113.2 | 8.4 | 137 | <0.1 | 39.7 | 11.9 | 165 | 3.25 | 5.9 | <0.5 | 1.7 | 42 | 0.1 | 1.2 | 0.5 | 27 | <0.01 | 0.064 | 25 |
| L18N 2850W | Soil | 7.4 | 301.0 | 30.6 | 239 | 5.8 | 126.2 | 43.4 | 2138 | 3.65 | 14.1 | 10.1 | 1.5 | 32 | 1.2 | 3.7 | 0.5 | 16 | 0.24 | 0.240 | 21 |
| L18N 2800W | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L18N 2750W | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L18N 2700W | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L18N 2650W | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L18N 2600W | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L18N 2550W | Soil | 12.5 | 66.8 | 22.1 | 98 | 0.1 | 69.1 | 22.9 | 2966 | 4.29 | 11.0 | 0.8 | 1.6 | 6 | 0.2 | 4.2 | 0.3 | 42 | 0.05 | 0.149 | 17 |
| L18N 2500W | Soil | 4.8 | 17.1 | 9.9 | 26 | 0.5 | 6.4 | 2.1 | 164 | 0.99 | 2.2 | 0.6 | 0.2 | 5 | <0.1 | 0.5 | 0.3 | 36 | 0.04 | 0.039 | 25 |
| L14N 3000W | Soil | 7.8 | 38.8 | 7.2 | 47 | 0.1 | 10.2 | 3.8 | 352 | 1.84 | 4.5 | 1.4 | <0.1 | 8 | 0.1 | 1.0 | 0.3 | 44 | 0.11 | 0.047 | 13 |
| L14N 2950W | Soil | 4.9 | 34.1 | 10.7 | 48 | 0.4 | 9.0 | 5.0 | 587 | 2.32 | 5.8 | 0.7 | 0.3 | 13 | 0.1 | 1.0 | 0.3 | 43 | 0.20 | 0.076 | 15 |
| L14N 2900W | Soil | 3.8 | 39.4 | 10.8 | 60 | 0.2 | 13.5 | 5.1 | 388 | 3.46 | 6.9 | <0.5 | 0.2 | 8 | 0.2 | 1.1 | 0.3 | 61 | 0.20 | 0.107 | 15 |
| L14N 2850W | Soil | 2.3 | 19.8 | 7.9 | 45 | 0.3 | 9.1 | 4.9 | 413 | 2.43 | 4.0 | <0.5 | <0.1 | 6 | 0.2 | 0.6 | 0.2 | 43 | 0.29 | 0.068 | 10 |
| L14N 2800W | Soil | 2.3 | 15.6 | 7.1 | 33 | 0.3 | 8.4 | 2.6 | 185 | 1.83 | 3.0 | <0.5 | <0.1 | 6 | 0.1 | 0.4 | 0.2 | 44 | 0.10 | 0.059 | 18 |
| L14N 2750W | Soil | 2.5 | 23.1 | 8.3 | 51 | 0.1 | 12.6 | 5.7 | 618 | 3.24 | 3.6 | <0.5 | <0.1 | 7 | <0.1 | 0.6 | 0.2 | 71 | 0.15 | 0.119 | 14 |
| L14N 2700W | Soil | 2.5 | 25.2 | 8.6 | 57 | 0.6 | 11.4 | 6.0 | 898 | 3.16 | 3.8 | <0.5 | <0.1 | 8 | 0.3 | 0.7 | 0.2 | 68 | 0.20 | 0.095 | 16 |
| L14N 2650W | Soil | 2.8 | 23.1 | 8.2 | 60 | 0.1 | 13.2 | 9.9 | 2023 | 3.90 | 3.9 | <0.5 | 0.4 | 7 | 0.2 | 0.6 | 0.3 | 79 | 0.15 | 0.086 | 14 |
| L14N 2600W | Soil | 3.1 | 31.7 | 8.6 | 74 | 0.2 | 18.9 | 7.2 | 690 | 3.82 | 7.2 | <0.5 | 0.6 | 8 | 0.2 | 1.0 | 0.2 | 66 | 0.14 | 0.135 | 18 |
| L14N 2550W | Soil | 2.6 | 22.9 | 8.0 | 51 | 0.3 | 11.1 | 4.6 | 513 | 2.79 | 4.8 | <0.5 | 0.2 | 6 | 0.1 | 0.9 | 0.2 | 55 | 0.11 | 0.093 | 18 |

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Project: Lustdust
Report Date: November 18, 2017



# CERTIFICATE OF ANALYSIS VAN17002508.1

| | | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L22N 2250W | Soil | | 20 | 0.35 | 131 | 0.008 | <20 | 2.14 | 0.004 | 0.06 | <0.1 | 0.07 | 0.9 | 0.3 | <0.05 | 7 | <0.5 | <0.2 |
| L22N 2200W | Soil | | 51 | 0.61 | 253 | 0.009 | <20 | 2.36 | 0.005 | 0.05 | <0.1 | 0.18 | 3.2 | 0.2 | <0.05 | 5 | 0.6 | <0.2 |
| L22N 2150W | Soil | | 10 | 0.09 | 128 | 0.002 | <20 | 0.91 | 0.005 | 0.10 | <0.1 | 0.04 | 1.0 | 0.3 | <0.05 | 7 | <0.5 | <0.2 |
| L22N 2100W | Soil | | 14 | 0.13 | 116 | 0.007 | <20 | 0.92 | 0.005 | 0.08 | <0.1 | 0.04 | 0.7 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L22N 2050W | Soil | | 20 | 0.26 | 106 | 0.011 | <20 | 1.33 | 0.002 | 0.07 | <0.1 | 0.03 | 1.2 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L22N 2000W | Soil | | 7 | 0.09 | 46 | 0.004 | <20 | 0.86 | 0.002 | 0.05 | <0.1 | <0.01 | 1.2 | 0.3 | <0.05 | 6 | <0.5 | <0.2 |
| L22N 1950W | Soil | | 13 | 0.24 | 66 | 0.049 | <20 | 1.22 | 0.003 | 0.08 | <0.1 | 0.02 | 1.3 | 0.3 | <0.05 | 8 | <0.5 | <0.2 |
| L22N 1900W | Soil | | 31 | 0.63 | 120 | 0.035 | <20 | 1.94 | 0.005 | 0.12 | <0.1 | 0.06 | 2.5 | 0.5 | <0.05 | 9 | 1.2 | 0.3 |
| L22N 1850W | Soil | | 21 | 0.39 | 93 | 0.036 | <20 | 1.33 | 0.006 | 0.14 | <0.1 | 0.02 | 2.6 | 0.5 | <0.05 | 9 | <0.5 | <0.2 |
| L18N 3000W | Soil | | 15 | 0.31 | 57 | 0.006 | <20 | 1.38 | 0.003 | 0.04 | <0.1 | 0.02 | 1.3 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L18N 2950W | Soil | | 15 | 0.30 | 149 | 0.006 | <20 | 1.88 | 0.004 | 0.07 | <0.1 | 0.03 | 0.9 | 0.3 | <0.05 | 8 | <0.5 | <0.2 |
| L18N 2900W | Soil | | 11 | 0.05 | 123 | 0.001 | <20 | 0.74 | 0.002 | 0.07 | <0.1 | <0.01 | 2.0 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| L18N 2850W | Soil | | 28 | 0.15 | 207 | 0.002 | <20 | 3.45 | 0.006 | 0.10 | <0.1 | 1.14 | 4.4 | 0.6 | 0.08 | 2 | 2.5 | <0.2 |
| L18N 2800W | Soil | | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L18N 2750W | Soil | | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L18N 2700W | Soil | | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L18N 2650W | Soil | | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L18N 2600W | Soil | | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L18N 2550W | Soil | | 66 | 0.90 | 131 | 0.004 | <20 | 1.72 | 0.004 | 0.08 | <0.1 | 0.09 | 2.6 | 0.3 | <0.05 | 6 | 0.8 | <0.2 |
| L18N 2500W | Soil | | 12 | 0.18 | 115 | 0.006 | <20 | 1.56 | 0.002 | 0.06 | <0.1 | 0.02 | 1.5 | 0.6 | <0.05 | 9 | <0.5 | <0.2 |
| L14N 3000W | Soil | | 11 | 0.11 | 175 | 0.014 | <20 | 0.92 | 0.004 | 0.07 | <0.1 | 0.02 | 0.9 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L14N 2950W | Soil | | 12 | 0.16 | 127 | 0.018 | <20 | 1.03 | 0.004 | 0.11 | <0.1 | 0.03 | 1.3 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L14N 2900W | Soil | | 18 | 0.34 | 82 | 0.019 | <20 | 1.62 | 0.004 | 0.07 | <0.1 | 0.03 | 1.7 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| L14N 2850W | Soil | | 17 | 0.36 | 86 | 0.021 | <20 | 1.56 | 0.006 | 0.08 | <0.1 | 0.04 | 1.2 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L14N 2800W | Soil | | 21 | 0.29 | 83 | 0.014 | <20 | 1.51 | 0.003 | 0.05 | <0.1 | 0.20 | 0.9 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L14N 2750W | Soil | | 24 | 0.33 | 124 | 0.052 | <20 | 1.38 | 0.002 | 0.08 | <0.1 | 0.06 | 1.1 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| L14N 2700W | Soil | | 23 | 0.33 | 131 | 0.052 | <20 | 1.48 | 0.003 | 0.08 | <0.1 | 0.03 | 1.6 | 0.1 | <0.05 | 8 | <0.5 | <0.2 |
| L14N 2650W | Soil | | 30 | 0.40 | 140 | 0.104 | <20 | 1.84 | 0.004 | 0.07 | <0.1 | 0.03 | 2.7 | 0.2 | <0.05 | 9 | <0.5 | <0.2 |
| L14N 2600W | Soil | | 25 | 0.55 | 172 | 0.062 | <20 | 1.81 | 0.003 | 0.08 | <0.1 | 0.04 | 3.0 | 0.1 | <0.05 | 8 | <0.5 | <0.2 |
| L14N 2550W | Soil | | 21 | 0.31 | 106 | 0.044 | <20 | 1.47 | 0.003 | 0.07 | <0.1 | 0.06 | 1.7 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |

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Project: Lustdust
Report Date: November 18, 2017



# CERTIFICATE OF ANALYSIS VAN17002508.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L14N 2500W | Soil | 3.2 | 26.1 | 11.1 | 57 | 0.2 | 14.2 | 5.2 | 642 | 3.02 | 8.7 | 0.5 | 0.2 | 6 | 0.1 | 1.7 | 0.2 | 54 | 0.11 | 0.078 | 17 |
| L14N 2450W | Soil | 3.0 | 21.2 | 8.8 | 50 | 0.5 | 12.4 | 4.5 | 428 | 2.54 | 5.7 | <0.5 | 0.2 | 7 | 0.2 | 1.5 | 0.2 | 53 | 0.10 | 0.083 | 17 |
| L14N 2400W | Soil | 3.4 | 25.5 | 9.5 | 75 | 1.0 | 16.2 | 5.8 | 404 | 3.23 | 7.3 | <0.5 | 0.3 | 7 | 0.3 | 1.5 | 0.2 | 49 | 0.10 | 0.082 | 17 |
| L14N 2350W | Soil | 2.5 | 17.7 | 9.9 | 39 | 0.4 | 7.6 | 2.4 | 123 | 1.61 | 6.5 | <0.5 | <0.1 | 6 | <0.1 | 1.9 | 0.3 | 45 | 0.08 | 0.048 | 20 |
| L14N 2300W | Soil | 6.3 | 26.0 | 12.6 | 67 | <0.1 | 7.8 | 3.8 | 508 | 1.86 | 7.1 | <0.5 | 0.6 | 7 | 0.6 | 3.4 | 0.3 | 45 | 0.05 | 0.038 | 27 |
| L8N 3000W | Soil | 2.1 | 15.2 | 7.1 | 27 | <0.1 | 6.0 | 1.7 | 111 | 1.16 | 3.0 | <0.5 | 0.2 | 8 | 0.1 | 0.4 | 0.2 | 37 | 0.04 | 0.034 | 23 |
| L8N 2950W | Soil | 3.9 | 31.7 | 9.4 | 88 | 0.3 | 17.5 | 9.3 | 1031 | 3.34 | 6.0 | <0.5 | 0.3 | 23 | 0.4 | 1.0 | 0.2 | 51 | 0.25 | 0.105 | 16 |
| L8N 2850W | Soil | 3.1 | 26.0 | 9.2 | 57 | 0.3 | 11.3 | 5.5 | 560 | 2.24 | 5.3 | <0.5 | 0.4 | 8 | 0.1 | 1.1 | 0.3 | 50 | 0.12 | 0.070 | 17 |
| L8N 2800W | Soil | 3.6 | 23.8 | 8.7 | 49 | 0.1 | 11.0 | 3.3 | 223 | 2.94 | 6.9 | 0.8 | 1.2 | 8 | 0.1 | 0.6 | 0.4 | 66 | 0.10 | 0.114 | 21 |
| L8N 2750W | Soil | 3.0 | 30.1 | 8.8 | 81 | 0.2 | 16.4 | 4.4 | 288 | 2.78 | 7.2 | 2.1 | 0.2 | 9 | 0.3 | 0.5 | 0.3 | 56 | 0.11 | 0.078 | 19 |
| L8N 2700W | Soil | 4.7 | 63.3 | 23.8 | 128 | 0.6 | 24.0 | 13.6 | 1559 | 3.29 | 20.6 | 4.4 | 0.4 | 34 | 0.4 | 2.8 | 0.3 | 61 | 0.53 | 0.107 | 16 |
| L8N 2650W | Soil | 4.1 | 35.3 | 11.5 | 93 | <0.1 | 16.5 | 7.6 | 769 | 3.14 | 8.4 | 1.2 | 0.2 | 19 | 0.3 | 0.7 | 0.3 | 49 | 0.28 | 0.090 | 16 |
| L8N 2600W | Soil | 6.6 | 121.5 | 22.4 | 168 | 0.5 | 44.4 | 18.6 | 1239 | 3.64 | 17.6 | 5.5 | 1.8 | 21 | 0.9 | 5.1 | 0.3 | 32 | 0.16 | 0.074 | 20 |
| L8N 2550W | Soil | 3.5 | 40.1 | 10.8 | 55 | 0.3 | 12.7 | 5.9 | 927 | 3.34 | 7.4 | 1.6 | 0.2 | 7 | 0.1 | 0.5 | 0.3 | 62 | 0.09 | 0.094 | 18 |
| L8N 2500W | Soil | 2.0 | 18.4 | 12.9 | 42 | 0.2 | 10.4 | 3.2 | 182 | 1.86 | 6.2 | <0.5 | 0.2 | 7 | 0.1 | 0.7 | 0.3 | 48 | 0.06 | 0.048 | 26 |
| L8N 2450W | Soil | 4.2 | 40.1 | 13.9 | 70 | 0.4 | 20.4 | 7.1 | 502 | 3.54 | 12.1 | 1.9 | 0.5 | 8 | 0.3 | 1.4 | 0.3 | 55 | 0.11 | 0.080 | 21 |
| L8N 2400W | Soil | 4.5 | 36.2 | 14.4 | 59 | 0.3 | 18.2 | 6.2 | 446 | 3.37 | 16.3 | 2.1 | 0.5 | 7 | 0.2 | 1.9 | 0.3 | 57 | 0.06 | 0.118 | 23 |
| L8N 2350W | Soil | 2.9 | 34.0 | 13.3 | 53 | <0.1 | 16.4 | 9.8 | 1850 | 3.12 | 5.8 | 0.8 | 0.3 | 7 | 0.1 | 0.9 | 0.4 | 74 | 0.05 | 0.082 | 22 |
| L8N 2300W | Soil | 2.3 | 19.0 | 10.6 | 38 | 0.3 | 15.8 | 6.0 | 861 | 1.74 | 5.9 | 0.6 | 0.1 | 5 | 0.1 | 1.1 | 0.3 | 37 | 0.04 | 0.039 | 23 |
| L22N 200W | Soil | 3.2 | 43.5 | 11.9 | 105 | 0.2 | 47.3 | 13.3 | 756 | 2.99 | 26.6 | 3.9 | 1.8 | 15 | 0.3 | 2.6 | 0.2 | 43 | 0.25 | 0.053 | 18 |
| L22N 150W | Soil | 2.8 | 26.7 | 11.0 | 68 | 0.3 | 30.1 | 12.9 | 631 | 2.45 | 19.3 | 4.3 | 0.4 | 14 | 0.2 | 2.4 | 0.2 | 37 | 0.23 | 0.057 | 13 |
| L22N 100W | Soil | 3.3 | 25.2 | 9.8 | 99 | 0.2 | 29.8 | 8.4 | 458 | 2.39 | 15.0 | 2.8 | 0.2 | 15 | 0.4 | 0.6 | 0.2 | 48 | 0.18 | 0.045 | 15 |
| L22N 50W | Soil | 3.3 | 41.5 | 12.8 | 90 | 0.5 | 45.3 | 10.9 | 366 | 2.89 | 15.3 | 3.5 | 0.4 | 16 | 0.4 | 0.8 | 0.2 | 48 | 0.23 | 0.042 | 17 |
| L22N 0W | Soil | 2.5 | 34.2 | 11.0 | 103 | 0.3 | 41.9 | 10.4 | 438 | 2.44 | 11.9 | 5.0 | 0.5 | 17 | 0.5 | 1.1 | 0.2 | 40 | 0.23 | 0.058 | 17 |
| L22N 50E | Soil | 3.0 | 27.3 | 10.7 | 66 | 0.3 | 27.8 | 6.3 | 283 | 2.88 | 14.1 | 1.3 | 0.8 | 7 | 0.4 | 1.7 | 0.2 | 45 | 0.09 | 0.028 | 14 |
| L22N 100E | Soil | 2.6 | 24.3 | 9.0 | 64 | 0.1 | 32.3 | 6.8 | 335 | 3.25 | 12.5 | 1.7 | 1.3 | 9 | 0.3 | 1.5 | 0.2 | 51 | 0.09 | 0.034 | 13 |
| L22N 150E | Soil | 3.1 | 38.0 | 14.4 | 88 | 0.9 | 37.8 | 9.4 | 492 | 5.62 | 19.3 | 1.5 | 2.1 | 9 | 0.4 | 2.1 | 0.2 | 83 | 0.09 | 0.093 | 13 |
| L22N 200E | Soil | 2.2 | 38.8 | 11.1 | 111 | 0.1 | 54.6 | 10.8 | 497 | 4.19 | 18.1 | 2.2 | 2.5 | 12 | 0.3 | 1.2 | 0.2 | 70 | 0.17 | 0.206 | 14 |
| L22N 250E | Soil | 2.0 | 23.3 | 8.6 | 53 | 0.1 | 29.0 | 6.1 | 280 | 2.94 | 11.2 | 5.6 | 1.7 | 9 | 0.2 | 0.7 | 0.2 | 59 | 0.11 | 0.043 | 14 |
| L22N 300E | Soil | 1.9 | 19.1 | 8.0 | 71 | 0.2 | 34.7 | 6.9 | 394 | 2.73 | 8.9 | 1.8 | 1.5 | 10 | 0.2 | 0.7 | 0.1 | 51 | 0.12 | 0.053 | 15 |

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Project: Lustdust
Report Date: November 18, 2017



# CERTIFICATE OF ANALYSIS VAN17002508.1

| | | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L14N 2500W | Soil | | 26 | 0.33 | 83 | 0.021 | <20 | 1.43 | 0.003 | 0.06 | <0.1 | 0.05 | 1.9 | 0.2 | <0.05 | 7 | 0.5 | <0.2 |
| L14N 2450W | Soil | | 23 | 0.25 | 79 | 0.031 | <20 | 1.24 | 0.003 | 0.07 | <0.1 | 0.03 | 1.6 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L14N 2400W | Soil | | 27 | 0.40 | 96 | 0.026 | <20 | 1.80 | 0.003 | 0.06 | <0.1 | 0.07 | 1.7 | 0.1 | <0.05 | 7 | 0.6 | <0.2 |
| L14N 2350W | Soil | | 16 | 0.17 | 78 | 0.021 | <20 | 1.03 | 0.003 | 0.05 | <0.1 | 0.02 | 0.8 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| L14N 2300W | Soil | | 13 | 0.09 | 181 | 0.019 | <20 | 0.88 | 0.002 | 0.07 | <0.1 | <0.01 | 1.6 | 0.3 | <0.05 | 6 | <0.5 | <0.2 |
| L8N 3000W | Soil | | 12 | 0.15 | 73 | 0.014 | <20 | 1.20 | <0.001 | 0.05 | <0.1 | <0.01 | 1.1 | 0.3 | <0.05 | 6 | <0.5 | <0.2 |
| L8N 2950W | Soil | | 21 | 0.41 | 328 | 0.040 | <20 | 1.51 | 0.003 | 0.12 | <0.1 | 0.02 | 2.1 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L8N 2850W | Soil | | 17 | 0.22 | 230 | 0.038 | <20 | 1.25 | 0.003 | 0.06 | <0.1 | 0.02 | 2.2 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L8N 2800W | Soil | | 19 | 0.25 | 132 | 0.058 | <20 | 1.32 | 0.001 | 0.08 | <0.1 | 0.04 | 2.7 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L8N 2750W | Soil | | 25 | 0.35 | 121 | 0.022 | <20 | 1.64 | 0.002 | 0.07 | <0.1 | 0.05 | 1.9 | 0.2 | <0.05 | 7 | 0.6 | <0.2 |
| L8N 2700W | Soil | | 39 | 0.39 | 178 | 0.012 | <20 | 1.46 | 0.005 | 0.16 | <0.1 | 0.09 | 5.0 | 0.3 | <0.05 | 4 | 1.2 | <0.2 |
| L8N 2650W | Soil | | 22 | 0.31 | 200 | 0.028 | <20 | 1.26 | 0.003 | 0.14 | <0.1 | 0.03 | 1.4 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L8N 2600W | Soil | | 22 | 0.48 | 113 | 0.008 | <20 | 1.29 | 0.005 | 0.10 | <0.1 | 0.18 | 3.1 | 0.3 | <0.05 | 4 | 1.1 | <0.2 |
| L8N 2550W | Soil | | 19 | 0.24 | 93 | 0.022 | <20 | 1.42 | 0.003 | 0.08 | <0.1 | 0.07 | 1.5 | 0.2 | <0.05 | 7 | 0.7 | <0.2 |
| L8N 2500W | Soil | | 21 | 0.24 | 83 | 0.012 | <20 | 1.47 | 0.003 | 0.07 | <0.1 | 0.03 | 1.5 | 0.3 | <0.05 | 8 | <0.5 | <0.2 |
| L8N 2450W | Soil | | 30 | 0.39 | 107 | 0.020 | <20 | 1.42 | 0.002 | 0.08 | <0.1 | 0.06 | 2.0 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L8N 2400W | Soil | | 29 | 0.34 | 121 | 0.017 | <20 | 1.30 | 0.003 | 0.07 | <0.1 | 0.11 | 2.1 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L8N 2350W | Soil | | 33 | 0.27 | 148 | 0.041 | <20 | 1.33 | 0.003 | 0.09 | <0.1 | 0.04 | 2.1 | 0.2 | <0.05 | 10 | <0.5 | <0.2 |
| L8N 2300W | Soil | | 30 | 0.36 | 114 | 0.008 | <20 | 1.42 | 0.003 | 0.10 | <0.1 | 0.02 | 0.9 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L22N 200W | Soil | | 61 | 0.75 | 114 | 0.050 | <20 | 1.42 | 0.005 | 0.07 | <0.1 | 0.51 | 3.6 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L22N 150W | Soil | | 48 | 0.58 | 147 | 0.028 | <20 | 1.23 | 0.003 | 0.07 | <0.1 | 0.50 | 2.2 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L22N 100W | Soil | | 53 | 0.57 | 195 | 0.019 | <20 | 1.71 | 0.003 | 0.07 | <0.1 | 0.34 | 2.1 | 0.2 | <0.05 | 6 | 0.5 | <0.2 |
| L22N 50W | Soil | | 62 | 0.61 | 221 | 0.023 | <20 | 1.97 | 0.004 | 0.09 | <0.1 | 0.25 | 2.7 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L22N 0W | Soil | | 54 | 0.64 | 209 | 0.022 | <20 | 1.42 | 0.003 | 0.10 | <0.1 | 0.50 | 3.0 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L22N 50E | Soil | | 49 | 0.46 | 171 | 0.035 | <20 | 1.63 | 0.002 | 0.08 | <0.1 | 1.07 | 2.8 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L22N 100E | Soil | | 63 | 0.54 | 107 | 0.047 | <20 | 1.53 | 0.001 | 0.08 | <0.1 | 0.37 | 3.3 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L22N 150E | Soil | | 69 | 0.69 | 133 | 0.065 | <20 | 2.15 | 0.004 | 0.11 | <0.1 | 0.16 | 4.4 | 0.2 | <0.05 | 8 | 0.7 | <0.2 |
| L22N 200E | Soil | | 86 | 0.93 | 150 | 0.036 | <20 | 2.53 | 0.006 | 0.09 | <0.1 | 0.42 | 5.4 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L22N 250E | Soil | | 58 | 0.56 | 94 | 0.048 | <20 | 1.76 | 0.001 | 0.06 | <0.1 | 0.43 | 3.7 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L22N 300E | Soil | | 59 | 0.74 | 132 | 0.038 | <20 | 1.77 | 0.003 | 0.11 | <0.1 | 0.19 | 3.4 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |

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Project: Lustdust
Report Date: November 18, 2017



# CERTIFICATE OF ANALYSIS VAN17002508.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L22N 350E | Soil | 2.6 | 43.1 | 11.8 | 115 | 0.2 | 70.9 | 9.9 | 466 | 4.09 | 18.8 | 2.1 | 1.7 | 10 | 0.6 | 1.0 | 0.2 | 66 | 0.16 | 0.092 | 11 |
| L22N 400E | Soil | 2.5 | 21.8 | 12.0 | 72 | 0.1 | 31.1 | 7.0 | 383 | 4.32 | 21.0 | 0.9 | 1.2 | 8 | 0.3 | 1.1 | 0.2 | 66 | 0.10 | 0.112 | 12 |
| L22N 450E | Soil | 1.4 | 11.9 | 7.3 | 52 | 0.2 | 17.5 | 3.5 | 207 | 2.64 | 10.2 | <0.5 | 1.2 | 8 | 0.2 | 0.5 | <0.1 | 67 | 0.12 | 0.048 | 10 |
| L22N 500E | Soil | 2.3 | 27.9 | 9.7 | 77 | 0.3 | 27.5 | 6.5 | 210 | 3.56 | 24.2 | 2.0 | 1.7 | 10 | 0.3 | 0.9 | 0.1 | 61 | 0.11 | 0.071 | 10 |
| L22N 550E | Soil | 1.6 | 29.3 | 6.7 | 73 | 0.4 | 68.9 | 11.2 | 294 | 3.46 | 17.0 | 1.7 | 1.7 | 13 | 0.4 | 0.7 | <0.1 | 63 | 0.26 | 0.094 | 7 |
| L22N 600E | Soil | 1.4 | 25.2 | 4.2 | 61 | 0.1 | 79.1 | 9.7 | 259 | 3.28 | 10.5 | 2.7 | 1.5 | 11 | 0.3 | 0.6 | <0.1 | 52 | 0.20 | 0.085 | 7 |
| L22N 650E | Soil | 2.0 | 22.2 | 5.7 | 64 | <0.1 | 53.5 | 8.4 | 260 | 3.10 | 8.9 | <0.5 | 1.4 | 10 | 0.3 | 0.6 | <0.1 | 66 | 0.19 | 0.122 | 7 |
| L22N 700E | Soil | 1.8 | 31.0 | 8.6 | 70 | 0.3 | 43.2 | 7.7 | 308 | 3.93 | 20.2 | <0.5 | 1.8 | 10 | 0.4 | 1.9 | 0.2 | 65 | 0.19 | 0.280 | 7 |
| L22N 750E | Soil | 0.6 | 34.0 | 13.4 | 101 | 0.3 | 51.2 | 9.8 | 258 | 2.53 | 26.8 | 4.5 | 2.0 | 10 | 0.3 | 2.3 | 0.2 | 43 | 0.18 | 0.043 | 19 |
| L20N 300W | Soil | 1.8 | 11.9 | 11.7 | 41 | 0.2 | 12.0 | 4.0 | 379 | 1.25 | 15.8 | 1.1 | 0.4 | 12 | 0.2 | 0.8 | 0.3 | 44 | 0.14 | 0.032 | 18 |
| L20N 250W | Soil | 4.3 | 67.9 | 14.2 | 43 | 0.8 | 16.7 | 3.2 | 128 | 1.79 | 25.8 | 4.5 | 0.2 | 17 | 1.2 | 1.7 | 0.3 | 41 | 0.23 | 0.035 | 22 |
| L20N 200W | Soil | 11.7 | 60.6 | 20.5 | 131 | 1.1 | 42.7 | 15.1 | 904 | 3.87 | 67.6 | 6.5 | 0.4 | 27 | 0.8 | 2.8 | 0.4 | 60 | 0.34 | 0.082 | 16 |
| L20N 150W | Soil | 3.2 | 37.7 | 10.3 | 71 | 0.6 | 35.1 | 6.1 | 272 | 2.26 | 27.0 | 8.8 | 0.3 | 14 | 0.3 | 2.4 | 0.2 | 43 | 0.21 | 0.056 | 17 |
| L20N 100W | Soil | 3.9 | 41.2 | 12.3 | 100 | 0.7 | 40.2 | 8.6 | 456 | 2.02 | 11.5 | 3.8 | 0.2 | 22 | 0.5 | 2.1 | 0.2 | 38 | 0.27 | 0.106 | 18 |
| L20N 50W | Soil | 3.3 | 28.2 | 10.9 | 63 | 0.2 | 26.7 | 6.5 | 303 | 2.64 | 14.1 | 1.9 | 1.5 | 9 | 0.3 | 1.8 | 0.3 | 54 | 0.11 | 0.030 | 18 |
| L20N 0W | Soil | 4.0 | 34.8 | 13.6 | 124 | 0.4 | 40.1 | 13.0 | 896 | 2.55 | 21.8 | 2.7 | 0.5 | 24 | 0.6 | 3.0 | 0.3 | 46 | 0.35 | 0.068 | 17 |
| L20N 50E | Soil | 2.1 | 19.6 | 8.8 | 64 | 0.5 | 22.4 | 6.4 | 717 | 2.73 | 10.3 | 1.0 | 0.7 | 9 | 0.2 | 1.3 | 0.2 | 62 | 0.15 | 0.140 | 12 |
| L20N 100E | Soil | 2.6 | 28.8 | 10.0 | 69 | 1.2 | 34.7 | 7.3 | 346 | 2.99 | 14.6 | 2.8 | 0.6 | 9 | 0.2 | 1.0 | 0.2 | 52 | 0.10 | 0.048 | 14 |
| L20N 150E | Soil | 2.5 | 31.2 | 12.9 | 110 | 0.3 | 41.3 | 13.6 | 1029 | 2.44 | 19.2 | 3.0 | 0.4 | 29 | 0.7 | 1.0 | 0.2 | 43 | 0.43 | 0.066 | 15 |
| L20N 200E | Soil | 2.2 | 23.0 | 9.9 | 86 | 0.5 | 28.8 | 7.1 | 319 | 2.65 | 14.4 | 2.3 | 0.3 | 10 | 0.4 | 0.7 | 0.2 | 42 | 0.14 | 0.073 | 13 |
| L20N 250E | Soil | 2.3 | 48.9 | 12.8 | 104 | 0.4 | 65.5 | 12.4 | 543 | 3.30 | 22.5 | 5.2 | 1.4 | 20 | 0.5 | 2.3 | 0.2 | 54 | 0.30 | 0.050 | 17 |
| L20N 300E | Soil | 2.0 | 36.6 | 11.4 | 115 | 0.2 | 52.6 | 12.1 | 659 | 3.41 | 20.9 | 4.1 | 1.0 | 13 | 0.4 | 2.1 | 0.2 | 55 | 0.29 | 0.047 | 17 |
| L20N 350E | Soil | 2.7 | 38.0 | 15.5 | 107 | 0.2 | 44.0 | 10.5 | 596 | 3.72 | 38.4 | 4.4 | 1.8 | 11 | 0.5 | 3.6 | 0.3 | 58 | 0.15 | 0.125 | 14 |
| L20N 400E | Soil | 2.5 | 42.6 | 13.1 | 98 | 0.3 | 50.1 | 10.3 | 444 | 3.54 | 18.9 | 5.8 | 2.4 | 11 | 0.4 | 2.2 | 0.2 | 64 | 0.12 | 0.059 | 16 |
| L20N 450E | Soil | 2.4 | 26.1 | 12.1 | 136 | 0.1 | 36.7 | 8.3 | 353 | 3.12 | 13.5 | 1.2 | 2.5 | 10 | 0.5 | 1.7 | 0.2 | 81 | 0.11 | 0.082 | 16 |
| L20N 500E | Soil | 2.1 | 29.6 | 9.6 | 113 | 0.1 | 41.2 | 9.0 | 393 | 3.74 | 14.9 | 6.3 | 2.1 | 9 | 0.3 | 1.0 | 0.2 | 69 | 0.13 | 0.126 | 14 |
| L20N 550E | Soil | 1.8 | 38.6 | 11.2 | 112 | 0.1 | 62.6 | 12.4 | 369 | 3.49 | 14.7 | 2.5 | 1.6 | 10 | 0.9 | 1.0 | 0.2 | 73 | 0.17 | 0.032 | 14 |
| L20N 600E | Soil | 0.7 | 24.8 | 22.7 | 132 | 0.4 | 48.5 | 12.6 | 1963 | 3.83 | 18.9 | 2.5 | 1.2 | 22 | 5.7 | 3.6 | 0.3 | 80 | 2.60 | 0.129 | 53 |
| L20N 650E | Soil | 2.0 | 16.9 | 6.5 | 55 | <0.1 | 29.4 | 6.4 | 292 | 3.94 | 10.5 | 1.2 | 1.2 | 10 | 0.3 | 0.6 | <0.1 | 69 | 0.15 | 0.079 | 8 |
| L20N 700E | Soil | 1.5 | 24.0 | 5.3 | 59 | 0.1 | 59.1 | 9.8 | 327 | 2.87 | 8.9 | 1.0 | 1.3 | 13 | 0.6 | 0.6 | <0.1 | 47 | 0.22 | 0.104 | 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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Project: Lustdust
Report Date: November 18, 2017



# CERTIFICATE OF ANALYSIS VAN17002508.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L22N 350E | Soil | 89 | 0.87 | 129 | 0.035 | <20 | 2.14 | 0.002 | 0.09 | <0.1 | 0.56 | 4.3 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L22N 400E | Soil | 66 | 0.53 | 79 | 0.054 | <20 | 1.72 | 0.003 | 0.06 | <0.1 | 1.25 | 3.6 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L22N 450E | Soil | 53 | 0.30 | 50 | 0.068 | <20 | 1.42 | 0.003 | 0.03 | <0.1 | 0.27 | 3.7 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L22N 500E | Soil | 73 | 0.41 | 94 | 0.032 | <20 | 1.75 | 0.004 | 0.07 | <0.1 | 1.09 | 3.8 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L22N 550E | Soil | 153 | 0.79 | 92 | 0.063 | <20 | 1.44 | 0.005 | 0.05 | <0.1 | 0.12 | 4.0 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L22N 600E | Soil | 124 | 0.82 | 110 | 0.067 | <20 | 1.33 | 0.003 | 0.04 | <0.1 | 0.26 | 3.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L22N 650E | Soil | 125 | 0.62 | 100 | 0.075 | <20 | 1.82 | 0.003 | 0.04 | <0.1 | 0.10 | 3.8 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L22N 700E | Soil | 109 | 0.62 | 88 | 0.052 | <20 | 1.67 | 0.005 | 0.05 | <0.1 | 1.01 | 4.1 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L22N 750E | Soil | 62 | 0.68 | 284 | 0.024 | <20 | 1.74 | 0.006 | 0.06 | <0.1 | 2.12 | 4.5 | 0.5 | <0.05 | 5 | <0.5 | <0.2 |
| L20N 300W | Soil | 32 | 0.36 | 239 | 0.036 | <20 | 1.22 | 0.003 | 0.09 | <0.1 | 1.18 | 2.1 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L20N 250W | Soil | 38 | 0.21 | 161 | 0.029 | <20 | 1.24 | 0.002 | 0.05 | <0.1 | 0.25 | 1.5 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L20N 200W | Soil | 74 | 0.55 | 194 | 0.027 | <20 | 2.04 | 0.006 | 0.09 | <0.1 | 0.52 | 2.5 | 0.2 | <0.05 | 6 | 0.9 | <0.2 |
| L20N 150W | Soil | 53 | 0.47 | 109 | 0.027 | <20 | 1.70 | 0.002 | 0.05 | <0.1 | 1.25 | 2.6 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L20N 100W | Soil | 62 | 0.55 | 164 | 0.016 | <20 | 1.72 | 0.003 | 0.09 | <0.1 | 0.96 | 1.7 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L20N 50W | Soil | 50 | 0.54 | 152 | 0.041 | <20 | 1.65 | 0.002 | 0.10 | <0.1 | 0.36 | 3.2 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L20N 0W | Soil | 54 | 0.63 | 240 | 0.029 | <20 | 1.54 | 0.004 | 0.09 | <0.1 | 0.23 | 3.3 | 0.2 | <0.05 | 5 | 0.6 | <0.2 |
| L20N 50E | Soil | 54 | 0.45 | 111 | 0.047 | <20 | 1.49 | 0.004 | 0.08 | <0.1 | 0.37 | 3.0 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L20N 100E | Soil | 58 | 0.61 | 120 | 0.029 | <20 | 1.56 | 0.005 | 0.08 | <0.1 | 1.34 | 3.1 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L20N 150E | Soil | 56 | 0.57 | 328 | 0.018 | <20 | 1.54 | 0.004 | 0.09 | <0.1 | 0.36 | 2.9 | 0.2 | <0.05 | 5 | 0.6 | <0.2 |
| L20N 200E | Soil | 55 | 0.52 | 154 | 0.018 | <20 | 1.38 | 0.002 | 0.08 | <0.1 | 0.15 | 1.8 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L20N 250E | Soil | 68 | 0.85 | 183 | 0.043 | <20 | 1.89 | 0.005 | 0.12 | <0.1 | 1.34 | 3.6 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L20N 300E | Soil | 66 | 0.95 | 243 | 0.047 | <20 | 2.07 | 0.005 | 0.12 | <0.1 | 1.32 | 3.5 | 0.3 | <0.05 | 6 | <0.5 | <0.2 |
| L20N 350E | Soil | 69 | 0.68 | 145 | 0.041 | <20 | 1.75 | 0.004 | 0.11 | <0.1 | 47.97 | 4.0 | 2.7 | <0.05 | 6 | <0.5 | <0.2 |
| L20N 400E | Soil | 72 | 0.85 | 156 | 0.044 | <20 | 2.14 | 0.002 | 0.10 | <0.1 | 6.04 | 4.3 | 0.4 | <0.05 | 6 | 0.5 | <0.2 |
| L20N 450E | Soil | 67 | 0.56 | 129 | 0.041 | <20 | 2.54 | 0.003 | 0.08 | <0.1 | 0.51 | 5.7 | 0.2 | <0.05 | 9 | <0.5 | <0.2 |
| L20N 500E | Soil | 71 | 0.76 | 111 | 0.036 | <20 | 2.22 | 0.002 | 0.08 | <0.1 | 0.37 | 4.8 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| L20N 550E | Soil | 78 | 0.88 | 169 | 0.048 | <20 | 2.85 | 0.003 | 0.05 | <0.1 | 0.95 | 5.3 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| L20N 600E | Soil | 83 | 0.39 | 150 | 0.022 | <20 | 2.06 | 0.004 | 0.08 | <0.1 | 13.23 | 5.9 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L20N 650E | Soil | 101 | 0.40 | 95 | 0.091 | <20 | 1.06 | 0.003 | 0.04 | <0.1 | 0.33 | 2.8 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L20N 700E | Soil | 111 | 0.67 | 92 | 0.066 | <20 | 1.09 | 0.002 | 0.04 | <0.1 | 0.32 | 3.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

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Project: Lustdust
Report Date: November 18, 2017



# CERTIFICATE OF ANALYSIS VAN17002508.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L20N 750E | Soil | 1.0 | 14.8 | 4.8 | 40 | 0.2 | 33.6 | 6.4 | 231 | 1.77 | 4.5 | 1.4 | 0.8 | 14 | 0.2 | 0.3 | <0.1 | 40 | 0.20 | 0.029 | 10 |
| L20N 800E | Soil | 0.8 | 17.8 | 3.9 | 41 | 0.1 | 37.8 | 7.3 | 373 | 1.41 | 2.6 | 1.3 | 0.4 | 15 | 0.2 | 0.4 | <0.1 | 35 | 0.24 | 0.046 | 10 |
| L20N 850E | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L20N 900E | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L20N 950E | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L20N 1000E | Soil | 0.2 | 42.8 | 19.4 | 251 | 0.2 | 25.2 | 5.4 | 210 | 1.66 | 14.1 | 6.2 | 2.0 | 20 | 1.0 | 5.5 | 0.5 | 47 | 0.31 | 0.060 | 17 |
| L20N 1050E | Soil | 0.3 | 57.8 | 18.3 | 304 | 0.2 | 28.6 | 5.2 | 215 | 1.68 | 40.0 | 6.6 | 1.5 | 22 | 1.3 | 7.9 | 0.5 | 50 | 0.33 | 0.065 | 17 |
| L20N 1100E | Soil | 0.2 | 33.5 | 18.3 | 257 | 0.2 | 24.9 | 4.8 | 201 | 1.59 | 11.6 | 7.0 | 2.0 | 18 | 0.8 | 2.5 | 0.4 | 43 | 0.36 | 0.063 | 17 |
| L20N 1150E | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L20N 1200E | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L18N 300W | Soil | 5.1 | 52.4 | 16.2 | 90 | 0.9 | 26.1 | 5.6 | 274 | 2.47 | 50.8 | 3.4 | 0.3 | 12 | 0.5 | 4.3 | 0.3 | 48 | 0.11 | 0.039 | 18 |
| L18N 250W | Soil | 4.1 | 37.4 | 16.5 | 81 | 0.6 | 34.7 | 7.7 | 346 | 2.88 | 31.0 | 5.6 | 1.1 | 11 | 0.4 | 3.6 | 0.2 | 45 | 0.12 | 0.029 | 16 |
| L18N 200W | Soil | 8.2 | 40.1 | 16.9 | 57 | 0.5 | 14.6 | 5.9 | 346 | 2.01 | 34.0 | 1.7 | 0.2 | 11 | 0.7 | 4.3 | 0.4 | 42 | 0.18 | 0.052 | 17 |
| L18N 150W | Soil | 2.3 | 37.1 | 14.4 | 98 | 0.7 | 35.0 | 13.5 | 679 | 1.93 | 17.1 | 5.5 | 0.2 | 21 | 0.5 | 1.6 | 0.3 | 41 | 0.27 | 0.056 | 18 |
| L18N 100W | Soil | 3.9 | 24.1 | 12.5 | 36 | 0.2 | 13.5 | 2.8 | 139 | 2.07 | 18.5 | 0.5 | 0.3 | 9 | 0.3 | 1.7 | 0.2 | 54 | 0.08 | 0.027 | 15 |
| L18N 50W | Soil | 5.0 | 32.4 | 11.6 | 93 | 0.3 | 34.7 | 17.0 | 1211 | 2.81 | 16.3 | 3.8 | 0.4 | 15 | 0.5 | 1.7 | 0.2 | 51 | 0.15 | 0.053 | 16 |
| L18N 0W | Soil | 2.6 | 30.1 | 9.2 | 50 | 0.4 | 25.2 | 5.8 | 343 | 2.39 | 13.1 | 1.6 | 0.2 | 11 | 0.4 | 1.9 | 0.2 | 42 | 0.11 | 0.048 | 14 |
| L18N 50E | Soil | 3.2 | 29.1 | 8.9 | 62 | 0.1 | 26.1 | 8.5 | 423 | 2.39 | 10.6 | 1.0 | 0.4 | 9 | 0.2 | 1.4 | 0.2 | 41 | 0.08 | 0.032 | 14 |
| L18N 100E | Soil | 0.7 | 5.0 | 8.4 | 15 | 0.1 | 5.2 | 1.2 | 71 | 0.60 | 2.7 | 1.0 | 0.2 | 9 | <0.1 | 0.5 | 0.1 | 26 | 0.10 | 0.018 | 17 |
| L18N 150E | Soil | 2.3 | 14.2 | 11.4 | 40 | 0.2 | 14.7 | 3.4 | 177 | 2.74 | 13.4 | 5.3 | 0.5 | 9 | 0.3 | 1.5 | 0.2 | 59 | 0.14 | 0.044 | 11 |
| L18N 200E | Soil | 3.2 | 36.5 | 11.8 | 68 | 0.4 | 24.8 | 6.5 | 436 | 2.30 | 12.9 | 4.0 | 0.3 | 14 | 0.5 | 1.4 | 0.2 | 44 | 0.16 | 0.048 | 15 |
| L18N 250E | Soil | 3.4 | 47.7 | 11.1 | 75 | 0.2 | 37.7 | 9.6 | 407 | 2.68 | 17.2 | 1.5 | 0.9 | 15 | 0.5 | 2.0 | 0.2 | 49 | 0.16 | 0.045 | 20 |
| L18N 300E | Soil | 2.4 | 34.1 | 11.1 | 95 | 0.4 | 46.0 | 20.3 | 1126 | 2.61 | 10.1 | 3.9 | 0.4 | 19 | 0.4 | 1.4 | 0.2 | 46 | 0.22 | 0.054 | 18 |
| L18N 350E | Soil | 3.3 | 34.4 | 10.8 | 77 | 0.9 | 31.2 | 6.7 | 282 | 2.94 | 18.2 | 2.8 | 0.8 | 15 | 0.6 | 1.8 | 0.2 | 60 | 0.13 | 0.034 | 16 |
| L18N 400E | Soil | 3.6 | 34.2 | 11.5 | 86 | 0.1 | 35.8 | 8.2 | 363 | 2.94 | 17.3 | 3.2 | 0.9 | 18 | 0.3 | 1.8 | 0.2 | 53 | 0.23 | 0.039 | 17 |
| L18N 450E | Soil | 2.3 | 24.6 | 8.7 | 66 | 0.2 | 29.7 | 6.2 | 309 | 2.95 | 10.0 | 6.0 | 1.7 | 7 | 0.4 | 1.0 | 0.3 | 49 | 0.09 | 0.053 | 12 |
| L18N 500E | Soil | 2.6 | 35.2 | 11.0 | 99 | 0.3 | 41.3 | 7.8 | 408 | 3.48 | 20.6 | 3.2 | 2.0 | 7 | 0.4 | 3.0 | 0.3 | 60 | 0.08 | 0.070 | 12 |
| L18N 550E | Soil | 2.2 | 19.9 | 11.9 | 65 | 0.2 | 20.3 | 4.6 | 266 | 2.78 | 16.5 | 0.9 | 2.1 | 8 | 0.2 | 2.9 | 0.2 | 61 | 0.08 | 0.061 | 15 |
| L18N 600E | Soil | 1.6 | 23.9 | 9.9 | 90 | <0.1 | 32.5 | 6.0 | 266 | 3.06 | 22.2 | 1.9 | 1.4 | 7 | 0.5 | 6.6 | 0.2 | 67 | 0.14 | 0.106 | 12 |
| L18N 650E | Soil | 0.8 | 19.2 | 5.9 | 61 | 0.2 | 27.3 | 7.3 | 468 | 2.26 | 11.4 | 2.2 | 0.5 | 12 | 0.7 | 5.2 | 0.1 | 47 | 0.57 | 0.059 | 8 |

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Project: Lustdust
Report Date: November 18, 2017



# CERTIFICATE OF ANALYSIS VAN17002508.1

| | | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L20N 750E | Soil | | 74 | 0.54 | 163 | 0.065 | <20 | 0.98 | 0.004 | 0.06 | <0.1 | 0.12 | 2.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L20N 800E | Soil | | 79 | 0.56 | 140 | 0.054 | <20 | 0.95 | 0.004 | 0.04 | <0.1 | 0.46 | 2.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L20N 850E | Soil | | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L20N 900E | Soil | | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L20N 950E | Soil | | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L20N 1000E | Soil | | 38 | 0.62 | 250 | 0.035 | <20 | 1.42 | 0.004 | 0.06 | <0.1 | 0.36 | 4.0 | 0.3 | <0.05 | 4 | 0.5 | <0.2 |
| L20N 1050E | Soil | | 45 | 0.60 | 286 | 0.031 | <20 | 1.69 | 0.005 | 0.08 | <0.1 | 0.42 | 4.6 | 0.2 | <0.05 | 5 | 1.7 | <0.2 |
| L20N 1100E | Soil | | 38 | 0.58 | 228 | 0.036 | <20 | 1.41 | 0.003 | 0.06 | 0.2 | 0.40 | 3.6 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| L20N 1150E | Soil | | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L20N 1200E | Soil | | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L18N 300W | Soil | | 39 | 0.54 | 184 | 0.024 | <20 | 1.54 | 0.003 | 0.09 | <0.1 | 0.24 | 2.1 | 0.3 | <0.05 | 5 | <0.5 | <0.2 |
| L18N 250W | Soil | | 49 | 0.68 | 174 | 0.032 | <20 | 1.77 | 0.002 | 0.09 | <0.1 | 0.18 | 2.7 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L18N 200W | Soil | | 25 | 0.14 | 128 | 0.034 | <20 | 0.83 | 0.004 | 0.07 | <0.1 | 0.10 | 1.4 | 0.2 | <0.05 | 5 | 0.7 | <0.2 |
| L18N 150W | Soil | | 54 | 0.54 | 280 | 0.018 | <20 | 1.58 | 0.004 | 0.09 | <0.1 | 0.32 | 2.6 | 0.2 | <0.05 | 5 | 0.8 | <0.2 |
| L18N 100W | Soil | | 35 | 0.26 | 150 | 0.037 | <20 | 1.26 | 0.003 | 0.07 | <0.1 | 0.51 | 2.2 | 0.3 | <0.05 | 6 | <0.5 | <0.2 |
| L18N 50W | Soil | | 51 | 0.59 | 294 | 0.026 | <20 | 1.59 | 0.002 | 0.11 | <0.1 | 0.25 | 2.6 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L18N 0W | Soil | | 45 | 0.50 | 144 | 0.032 | <20 | 1.33 | 0.003 | 0.09 | <0.1 | 0.28 | 1.9 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L18N 50E | Soil | | 53 | 0.52 | 132 | 0.029 | <20 | 1.58 | 0.003 | 0.07 | <0.1 | 0.20 | 2.5 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L18N 100E | Soil | | 20 | 0.15 | 100 | 0.035 | <20 | 0.77 | <0.001 | 0.07 | <0.1 | 0.10 | 1.6 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L18N 150E | Soil | | 42 | 0.35 | 107 | 0.048 | <20 | 1.39 | 0.001 | 0.05 | <0.1 | 0.43 | 2.8 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L18N 200E | Soil | | 43 | 0.47 | 239 | 0.032 | <20 | 1.53 | <0.001 | 0.10 | <0.1 | 0.82 | 2.4 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L18N 250E | Soil | | 54 | 0.61 | 237 | 0.052 | <20 | 1.42 | 0.003 | 0.09 | <0.1 | 2.65 | 3.1 | 0.2 | <0.05 | 5 | 0.6 | <0.2 |
| L18N 300E | Soil | | 55 | 0.70 | 257 | 0.027 | <20 | 1.73 | 0.004 | 0.12 | <0.1 | 0.71 | 3.1 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L18N 350E | Soil | | 52 | 0.53 | 374 | 0.044 | <20 | 1.38 | 0.003 | 0.10 | <0.1 | 1.40 | 3.2 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L18N 400E | Soil | | 57 | 0.60 | 235 | 0.042 | <20 | 1.56 | 0.002 | 0.12 | <0.1 | 0.96 | 3.0 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L18N 450E | Soil | | 49 | 0.68 | 103 | 0.038 | <20 | 1.89 | 0.003 | 0.06 | <0.1 | 1.07 | 3.2 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L18N 500E | Soil | | 62 | 0.72 | 104 | 0.033 | <20 | 2.39 | 0.002 | 0.07 | <0.1 | 4.89 | 4.1 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L18N 550E | Soil | | 40 | 0.46 | 95 | 0.040 | <20 | 1.60 | 0.002 | 0.08 | <0.1 | 0.43 | 3.5 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L18N 600E | Soil | | 55 | 0.49 | 97 | 0.041 | <20 | 1.92 | <0.001 | 0.04 | 0.1 | 1.10 | 4.1 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L18N 650E | Soil | | 46 | 0.49 | 152 | 0.046 | <20 | 1.55 | 0.003 | 0.04 | 0.1 | 0.92 | 3.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |

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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Project: Lustdust
Report Date: November 18, 2017



# CERTIFICATE OF ANALYSIS VAN17002508.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L18N 700E | Soil | 1.3 | 21.2 | 4.1 | 37 | <0.1 | 45.7 | 6.2 | 233 | 2.03 | 5.2 | 1.6 | 0.9 | 11 | 0.1 | 0.5 | 0.1 | 39 | 0.18 | 0.033 | 7 |
| L18N 750E | Soil | 1.4 | 20.1 | 4.7 | 45 | 0.1 | 33.9 | 8.9 | 445 | 1.91 | 5.3 | 2.1 | 0.4 | 13 | 0.3 | 0.5 | 0.1 | 32 | 0.25 | 0.045 | 9 |
| L18N 800E | Soil | 1.0 | 18.1 | 4.6 | 36 | <0.1 | 26.1 | 5.4 | 278 | 1.63 | 4.4 | 1.2 | 0.5 | 9 | 0.2 | 0.6 | <0.1 | 33 | 0.14 | 0.052 | 8 |
| L18N 850E | Soil | 0.3 | 1.0 | 2.4 | 5 | <0.1 | 0.7 | 0.1 | 16 | 0.11 | <0.5 | 1.1 | <0.1 | 4 | <0.1 | 0.1 | <0.1 | 12 | 0.03 | 0.008 | 10 |
| L18N 900E | Soil | 0.4 | 1.9 | 3.7 | 12 | <0.1 | 3.2 | 0.6 | 46 | 0.54 | 2.3 | 0.9 | 0.3 | 6 | <0.1 | 0.4 | 0.1 | 25 | 0.10 | 0.028 | 9 |
| L18N 950E | Soil | 1.1 | 9.0 | 4.4 | 40 | 0.1 | 15.0 | 3.0 | 177 | 1.88 | 6.0 | 0.7 | 1.0 | 7 | 0.1 | 1.0 | <0.1 | 40 | 0.10 | 0.048 | 8 |
| L18N 1000E | Soil | 47.5 | 79.7 | 11.0 | 677 | 0.5 | 52.3 | 31.1 | 4244 | 19.74 | 1358.8 | 9.0 | 1.8 | 29 | 4.0 | 18.6 | 0.4 | 37 | 1.02 | 0.156 | 9 |
| L18N 1050E | Soil | 1.1 | 91.5 | 20.1 | 395 | 0.4 | 36.2 | 9.0 | 377 | 2.30 | 50.6 | 7.9 | 1.8 | 26 | 3.2 | 6.7 | 0.6 | 56 | 0.65 | 0.085 | 16 |
| L18N 1100E | Soil | 1.7 | 68.5 | 19.3 | 419 | 0.4 | 38.5 | 10.5 | 336 | 2.52 | 46.6 | 6.7 | 2.1 | 23 | 4.5 | 7.6 | 0.6 | 46 | 0.64 | 0.090 | 14 |
| L18N 1150E | Soil | 2.1 | 66.1 | 19.8 | 455 | 0.7 | 39.3 | 11.9 | 387 | 2.49 | 52.6 | 10.0 | 1.2 | 36 | 3.0 | 11.2 | 0.7 | 40 | 0.64 | 0.100 | 14 |
| L18N 1200E | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L18N 1250E | Soil | 1.3 | 16.4 | 5.6 | 42 | 0.1 | 27.5 | 4.2 | 199 | 1.82 | 6.8 | 2.1 | <0.1 | 10 | 0.4 | 0.7 | 0.1 | 38 | 0.15 | 0.040 | 10 |
| L18N 1300E | Soil | 1.9 | 15.8 | 6.3 | 44 | 0.2 | 17.0 | 4.2 | 207 | 1.85 | 6.5 | 1.8 | 1.6 | 9 | 0.2 | 1.1 | 0.1 | 35 | 0.09 | 0.047 | 14 |
| L18N 1350E | Soil | 2.3 | 14.4 | 7.0 | 36 | 0.3 | 12.8 | 2.8 | 125 | 2.68 | 8.6 | 2.5 | 1.2 | 6 | 0.1 | 0.8 | 0.1 | 52 | 0.06 | 0.090 | 10 |
| L18N 1400E | Soil | 1.4 | 24.7 | 5.9 | 41 | <0.1 | 17.7 | 3.9 | 212 | 1.65 | 5.9 | 3.7 | 2.2 | 8 | 0.2 | 1.0 | 0.1 | 26 | 0.09 | 0.047 | 15 |
| L12N 200E | Soil | 1.8 | 9.9 | 10.6 | 31 | 0.2 | 7.2 | 1.8 | 119 | 1.95 | 22.8 | 1.3 | 1.2 | 6 | 0.1 | 1.2 | 0.3 | 46 | 0.05 | 0.055 | 15 |
| L12N 250E | Soil | 1.8 | 14.3 | 12.3 | 47 | 0.4 | 12.5 | 3.2 | 230 | 1.93 | 16.5 | 1.6 | 2.1 | 9 | 0.1 | 1.1 | 0.3 | 46 | 0.08 | 0.041 | 17 |
| L12N 300E | Soil | 7.7 | 57.3 | 17.8 | 102 | 0.4 | 26.8 | 9.0 | 560 | 3.88 | 43.8 | 2.3 | 0.6 | 22 | 0.7 | 2.9 | 0.6 | 55 | 0.23 | 0.053 | 18 |
| L12N 350E | Soil | 2.2 | 21.7 | 13.4 | 58 | 0.5 | 13.7 | 3.2 | 159 | 2.07 | 27.6 | 9.9 | 0.4 | 7 | 0.5 | 2.1 | 0.2 | 39 | 0.07 | 0.033 | 15 |
| L12N 400E | Soil | 2.3 | 16.3 | 14.1 | 54 | 0.3 | 15.3 | 3.2 | 208 | 2.25 | 24.5 | 1.5 | 1.2 | 8 | 0.2 | 2.2 | 0.2 | 46 | 0.10 | 0.087 | 15 |
| L12N 450E | Soil | 3.5 | 27.0 | 18.3 | 118 | 0.3 | 14.9 | 4.7 | 276 | 3.71 | 244.4 | 2.7 | 1.0 | 19 | 0.5 | 4.7 | 0.7 | 86 | 0.53 | 0.065 | 13 |
| L12N 500E | Soil | 3.7 | 21.5 | 16.3 | 306 | 0.7 | 15.9 | 3.8 | 196 | 2.63 | 445.7 | 0.9 | 0.8 | 20 | 0.8 | 4.6 | 0.4 | 62 | 0.65 | 0.041 | 13 |
| L12N 550E | Soil | 2.6 | 29.1 | 11.9 | 125 | 0.2 | 26.2 | 6.2 | 297 | 3.68 | 33.9 | 4.7 | 1.6 | 10 | 0.7 | 3.2 | 0.3 | 53 | 0.18 | 0.065 | 12 |
| L12N 600E | Soil | 1.6 | 3.8 | 10.1 | 16 | <0.1 | 1.8 | 0.5 | 35 | 0.40 | 16.4 | 0.6 | 0.6 | 6 | <0.1 | 1.6 | 0.5 | 35 | 0.07 | 0.013 | 17 |
| L12N 650E | Soil | 3.8 | 55.8 | 19.7 | 119 | 0.4 | 33.4 | 7.0 | 336 | 3.46 | 89.7 | 13.3 | 3.0 | 10 | 0.5 | 7.6 | 0.7 | 51 | 0.19 | 0.102 | 15 |
| L12N 700E | Soil | 1.3 | 37.1 | 11.4 | 780 | 0.4 | 31.2 | 7.4 | 329 | 2.15 | 424.9 | 7.0 | 0.7 | 21 | 2.0 | 5.6 | 0.3 | 37 | 0.82 | 0.047 | 12 |
| L12N 750E | Soil | 1.2 | 5.1 | 10.0 | 17 | 0.3 | 3.7 | 0.9 | 54 | 1.09 | 27.9 | 0.7 | 1.1 | 6 | <0.1 | 1.2 | 0.5 | 41 | 0.06 | 0.052 | 15 |
| L12N 800E | Soil | 3.0 | 32.6 | 11.1 | 65 | 0.2 | 14.8 | 4.1 | 283 | 2.86 | 54.4 | 1.2 | 1.6 | 7 | 0.2 | 3.4 | 0.3 | 62 | 0.12 | 0.121 | 12 |
| L12N 850E | Soil | 2.6 | 25.4 | 11.1 | 77 | 0.3 | 19.1 | 5.5 | 328 | 4.55 | 42.3 | 1.9 | 1.5 | 7 | 0.2 | 2.1 | 0.3 | 67 | 0.19 | 0.203 | 8 |
| L12N 900E | Soil | 2.5 | 25.1 | 8.7 | 49 | <0.1 | 11.2 | 3.3 | 164 | 2.06 | 37.0 | 0.9 | 1.0 | 6 | 0.1 | 2.4 | 0.3 | 64 | 0.17 | 0.046 | 12 |

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Report Date: November 18, 2017



# CERTIFICATE OF ANALYSIS VAN17002508.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L18N 700E | Soil | 73 | 0.57 | 80 | 0.062 | <20 | 0.86 | 0.003 | 0.04 | <0.1 | 0.12 | 2.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L18N 750E | Soil | 53 | 0.47 | 115 | 0.045 | <20 | 0.80 | 0.004 | 0.05 | <0.1 | 0.57 | 2.2 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| L18N 800E | Soil | 41 | 0.40 | 55 | 0.043 | <20 | 0.85 | 0.002 | 0.04 | <0.1 | 0.28 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L18N 850E | Soil | 7 | 0.03 | 27 | 0.024 | <20 | 0.39 | <0.001 | 0.01 | <0.1 | 0.42 | 0.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L18N 900E | Soil | 16 | 0.12 | 32 | 0.054 | <20 | 0.70 | 0.003 | 0.03 | <0.1 | 0.18 | 1.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L18N 950E | Soil | 40 | 0.35 | 50 | 0.056 | <20 | 1.22 | 0.004 | 0.04 | <0.1 | 0.97 | 2.5 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L18N 1000E | Soil | 79 | 0.51 | 538 | 0.023 | <20 | 1.11 | 0.004 | 0.10 | <0.1 | 0.62 | 4.6 | 0.2 | <0.05 | 3 | 2.7 | <0.2 |
| L18N 1050E | Soil | 52 | 0.92 | 437 | 0.024 | <20 | 2.12 | 0.007 | 0.10 | 0.1 | 0.52 | 6.1 | 0.4 | 0.08 | 7 | 1.3 | <0.2 |
| L18N 1100E | Soil | 45 | 0.79 | 314 | 0.027 | <20 | 1.69 | 0.006 | 0.10 | <0.1 | 0.40 | 5.0 | 0.2 | <0.05 | 5 | 2.4 | <0.2 |
| L18N 1150E | Soil | 39 | 0.69 | 237 | 0.035 | <20 | 1.38 | 0.008 | 0.11 | 0.2 | 0.46 | 4.0 | 0.2 | <0.05 | 4 | 1.6 | <0.2 |
| L18N 1200E | Soil | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| L18N 1250E | Soil | 45 | 0.39 | 96 | 0.033 | <20 | 1.07 | 0.003 | 0.05 | <0.1 | 0.44 | 1.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L18N 1300E | Soil | 33 | 0.43 | 79 | 0.038 | <20 | 1.10 | 0.003 | 0.07 | <0.1 | 0.23 | 2.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| L18N 1350E | Soil | 43 | 0.26 | 68 | 0.051 | <20 | 1.45 | 0.001 | 0.03 | <0.1 | 0.34 | 2.4 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L18N 1400E | Soil | 27 | 0.40 | 62 | 0.034 | <20 | 0.92 | 0.002 | 0.05 | <0.1 | 0.49 | 2.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L12N 200E | Soil | 21 | 0.20 | 61 | 0.022 | <20 | 1.22 | 0.002 | 0.05 | <0.1 | 0.28 | 2.6 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L12N 250E | Soil | 26 | 0.37 | 121 | 0.024 | <20 | 1.50 | 0.002 | 0.08 | <0.1 | 0.11 | 3.2 | 0.3 | <0.05 | 7 | <0.5 | <0.2 |
| L12N 300E | Soil | 37 | 0.40 | 452 | 0.020 | <20 | 1.57 | 0.003 | 0.11 | <0.1 | 0.16 | 2.5 | 0.3 | <0.05 | 7 | <0.5 | <0.2 |
| L12N 350E | Soil | 30 | 0.31 | 98 | 0.026 | <20 | 1.46 | 0.002 | 0.06 | <0.1 | 0.25 | 2.3 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L12N 400E | Soil | 31 | 0.37 | 113 | 0.021 | <20 | 1.30 | 0.001 | 0.07 | <0.1 | 0.12 | 2.5 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L12N 450E | Soil | 29 | 0.29 | 348 | 0.043 | <20 | 1.51 | 0.003 | 0.05 | <0.1 | 0.08 | 3.4 | 0.3 | <0.05 | 10 | 0.6 | 0.2 |
| L12N 500E | Soil | 33 | 0.27 | 336 | 0.036 | <20 | 1.37 | 0.002 | 0.06 | <0.1 | 0.48 | 3.1 | 0.2 | <0.05 | 6 | 0.8 | <0.2 |
| L12N 550E | Soil | 48 | 0.53 | 117 | 0.042 | <20 | 1.97 | 0.003 | 0.07 | <0.1 | 0.65 | 3.8 | 0.2 | <0.05 | 5 | 0.6 | <0.2 |
| L12N 600E | Soil | 11 | 0.10 | 57 | 0.041 | <20 | 0.94 | 0.002 | 0.04 | <0.1 | 0.07 | 1.9 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| L12N 650E | Soil | 37 | 0.63 | 94 | 0.051 | <20 | 1.42 | 0.003 | 0.07 | <0.1 | 0.50 | 3.8 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L12N 700E | Soil | 40 | 0.52 | 182 | 0.021 | <20 | 1.17 | 0.005 | 0.07 | <0.1 | 0.37 | 2.9 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| L12N 750E | Soil | 14 | 0.14 | 45 | 0.024 | <20 | 0.90 | 0.001 | 0.04 | <0.1 | 0.10 | 2.2 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L12N 800E | Soil | 29 | 0.28 | 47 | 0.050 | <20 | 1.07 | 0.004 | 0.05 | 0.3 | 1.95 | 3.0 | 0.3 | <0.05 | 7 | <0.5 | <0.2 |
| L12N 850E | Soil | 37 | 0.59 | 77 | 0.052 | <20 | 1.69 | 0.004 | 0.06 | <0.1 | 0.10 | 4.1 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| L12N 900E | Soil | 19 | 0.27 | 59 | 0.067 | <20 | 1.19 | 0.003 | 0.05 | <0.1 | 0.05 | 3.1 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |

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Project: Lustdust
Report Date: November 18, 2017



# CERTIFICATE OF ANALYSIS VAN17002508.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| L12N 950E | Soil | 2.9 | 36.3 | 23.8 | 311 | 0.5 | 29.3 | 19.3 | 889 | 2.94 | 107.4 | 3.5 | 1.4 | 21 | 1.6 | 8.6 | 0.5 | 42 | 0.72 | 0.179 | 15 |
| L12N 1000E | Soil | 3.9 | 79.3 | 23.8 | 500 | 0.4 | 32.1 | 10.7 | 708 | 3.00 | 178.7 | 8.0 | 2.2 | 30 | 2.6 | 11.2 | 0.9 | 40 | 0.73 | 0.086 | 17 |
| L12N 1050E | Soil | 2.5 | 20.5 | 14.7 | 65 | 0.1 | 15.6 | 4.2 | 164 | 3.65 | 49.0 | 3.4 | 1.9 | 5 | 0.2 | 3.6 | 0.4 | 74 | 0.09 | 0.100 | 10 |
| L12N 1100E | Soil | 3.9 | 55.8 | 18.5 | 123 | 0.5 | 40.1 | 11.6 | 335 | 3.17 | 58.9 | 13.3 | 3.3 | 6 | 0.4 | 6.7 | 0.5 | 39 | 0.09 | 0.042 | 13 |
| L12N 1150E | Soil | 3.0 | 31.7 | 22.4 | 85 | 0.2 | 16.4 | 4.9 | 208 | 3.28 | 75.5 | 3.3 | 2.8 | 5 | 0.2 | 7.2 | 0.8 | 61 | 0.09 | 0.059 | 14 |
| L12N 1200E | Soil | 3.5 | 34.7 | 13.7 | 138 | 0.2 | 29.0 | 7.5 | 307 | 3.66 | 50.6 | 1.6 | 2.2 | 6 | 0.4 | 5.1 | 0.5 | 52 | 0.14 | 0.127 | 11 |
| L12N 1250E | Soil | 3.4 | 32.2 | 13.5 | 137 | 0.5 | 24.6 | 7.5 | 450 | 4.16 | 38.7 | 3.5 | 2.2 | 6 | 0.3 | 5.0 | 0.4 | 58 | 0.16 | 0.169 | 12 |
| L12N 1300E | Soil | 1.8 | 13.2 | 11.3 | 54 | 0.7 | 10.6 | 2.7 | 110 | 2.05 | 20.1 | <0.5 | 2.5 | 5 | 0.2 | 1.8 | 0.3 | 40 | 0.07 | 0.053 | 16 |
| L12N 1350E | Soil | 1.9 | 16.8 | 9.1 | 43 | 0.6 | 11.9 | 2.6 | 116 | 1.83 | 13.9 | 1.8 | 2.3 | 5 | 0.1 | 2.2 | 0.3 | 35 | 0.05 | 0.055 | 15 |
| L12N 1400E | Soil | 3.7 | 41.2 | 13.3 | 105 | 0.3 | 32.4 | 6.9 | 283 | 4.08 | 38.0 | 3.2 | 3.1 | 6 | 0.5 | 3.7 | 0.4 | 49 | 0.08 | 0.099 | 16 |
| L12N 1450E | Soil | 3.0 | 33.3 | 8.4 | 65 | 0.2 | 27.7 | 11.5 | 260 | 2.31 | 18.4 | 6.1 | 1.8 | 12 | 0.3 | 2.3 | 0.1 | 31 | 0.27 | 0.050 | 12 |
| L12N 1500E | Soil | 4.2 | 68.7 | 23.4 | 434 | 0.2 | 32.2 | 12.2 | 752 | 3.09 | 150.0 | 7.7 | 2.1 | 22 | 2.4 | 11.8 | 1.3 | 41 | 0.53 | 0.078 | 17 |
| L1S 2050W | Soil | 2.0 | 30.7 | 9.1 | 49 | 0.4 | 14.1 | 4.8 | 245 | 3.80 | 5.1 | 9.2 | 0.2 | 7 | 0.2 | 0.6 | 0.2 | 69 | 0.10 | 0.075 | 13 |
| L1S 2000W | Soil | 2.9 | 40.1 | 9.7 | 67 | 0.7 | 15.5 | 5.8 | 869 | 3.79 | 4.5 | 0.7 | 0.2 | 8 | 0.3 | 0.5 | 0.3 | 72 | 0.09 | 0.109 | 14 |
| L1S 1950W | Soil | 2.1 | 17.6 | 7.1 | 30 | 0.7 | 10.1 | 2.6 | 100 | 1.12 | 1.6 | <0.5 | 0.2 | 9 | 0.2 | 0.2 | 0.2 | 42 | 0.12 | 0.034 | 17 |
| L1S 1900W | Soil | 1.0 | 50.9 | 4.1 | 79 | 0.1 | 24.0 | 19.5 | 1343 | 8.14 | 3.0 | <0.5 | 0.7 | 11 | <0.1 | 0.4 | 0.2 | 227 | 0.50 | 0.111 | 6 |
| L1S 1850W | Soil | 2.6 | 39.7 | 6.7 | 56 | <0.1 | 14.3 | 8.8 | 1072 | 3.12 | 2.9 | <0.5 | 0.3 | 9 | <0.1 | 0.9 | 0.2 | 106 | 0.25 | 0.066 | 15 |
| L1S 1800W | Soil | 3.7 | 32.8 | 7.9 | 44 | 0.4 | 13.0 | 5.0 | 282 | 3.22 | 5.7 | 0.9 | 0.1 | 6 | 0.2 | 1.0 | 0.2 | 68 | 0.08 | 0.105 | 13 |
| L1S 1750W | Soil | 3.0 | 29.8 | 23.7 | 46 | <0.1 | 15.8 | 7.2 | 865 | 2.03 | 21.0 | 2.5 | 0.3 | 5 | <0.1 | 7.3 | 0.3 | 69 | 0.07 | 0.051 | 21 |
| L1S 1700W | Soil | 5.7 | 56.3 | 106.7 | 157 | 0.4 | 29.9 | 10.9 | 823 | 4.40 | 109.5 | 2.9 | 1.2 | 6 | 0.4 | 47.9 | 0.4 | 56 | 0.06 | 0.115 | 20 |
| L1S 1650W | Soil | 5.4 | 28.3 | 50.5 | 135 | 0.2 | 17.6 | 8.5 | 1346 | 2.75 | 30.7 | 1.8 | 0.1 | 27 | 1.1 | 9.4 | 0.4 | 39 | 0.29 | 0.111 | 13 |
| L1S 1600W | Soil | 4.6 | 27.9 | 11.0 | 39 | 0.4 | 8.4 | 3.4 | 254 | 2.19 | 8.2 | <0.5 | 0.2 | 5 | 0.2 | 1.1 | 0.2 | 43 | 0.03 | 0.066 | 16 |
| L1S 1550W | Soil | 4.8 | 33.5 | 11.0 | 57 | 0.3 | 17.9 | 5.4 | 274 | 2.66 | 7.6 | 2.9 | 0.8 | 5 | 0.2 | 1.1 | 0.2 | 37 | 0.05 | 0.038 | 16 |
| L1S 1500W | Soil | 2.6 | 15.4 | 8.0 | 28 | 0.1 | 5.5 | 2.3 | 399 | 1.40 | 3.0 | <0.5 | 0.1 | 6 | 0.2 | 0.7 | 0.2 | 41 | 0.11 | 0.033 | 16 |
| L1S 1450W | Soil | 2.2 | 14.6 | 8.6 | 18 | 0.1 | 3.4 | 0.9 | 75 | 0.69 | 2.4 | 0.8 | 0.2 | 6 | 0.1 | 0.5 | 0.2 | 20 | 0.06 | 0.057 | 19 |
| L1S 1400W | Soil | 5.3 | 38.3 | 11.1 | 71 | 0.2 | 13.8 | 8.5 | 562 | 1.96 | 5.8 | <0.5 | <0.1 | 8 | 0.2 | 1.4 | 0.3 | 41 | 0.05 | 0.055 | 14 |
| L17S 200W | Soil | 2.6 | 18.9 | 5.6 | 56 | 0.2 | 9.5 | 3.9 | 244 | 1.78 | 2.6 | 3.1 | 1.2 | 10 | 0.4 | 0.4 | 0.2 | 56 | 0.13 | 0.041 | 10 |
| L17S 250W | Soil | 1.0 | 8.3 | 3.7 | 25 | 0.2 | 6.4 | 2.5 | 148 | 1.00 | 1.3 | 27.1 | 0.7 | 9 | 0.2 | 0.2 | <0.1 | 40 | 0.09 | 0.020 | 9 |
| L17S 300W | Soil | 2.9 | 18.1 | 5.0 | 50 | <0.1 | 14.4 | 5.1 | 872 | 2.63 | 5.7 | <0.5 | 1.0 | 5 | 0.2 | 0.6 | 0.1 | 49 | 0.08 | 0.097 | 6 |
| L8N 2900W | Soil | 3.0 | 19.5 | 8.6 | 51 | 0.3 | 9.8 | 7.6 | 2034 | 3.16 | 2.7 | 0.6 | 0.5 | 7 | 0.1 | 0.5 | 0.2 | 75 | 0.15 | 0.077 | 14 |

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Project: Lustdust
Report Date: November 18, 2017



# CERTIFICATE OF ANALYSIS VAN17002508.1

| | | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| L12N 950E | Soil | | 41 | 0.58 | 158 | 0.027 | <20 | 1.41 | 0.007 | 0.08 | 0.7 | 2.34 | 3.7 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| L12N 1000E | Soil | | 31 | 0.69 | 140 | 0.048 | <20 | 1.15 | 0.008 | 0.10 | 1.1 | 0.41 | 3.9 | 0.2 | <0.05 | 4 | 0.8 | <0.2 |
| L12N 1050E | Soil | | 32 | 0.27 | 100 | 0.043 | <20 | 1.34 | 0.002 | 0.03 | <0.1 | 0.25 | 2.8 | 0.2 | <0.05 | 7 | 0.5 | <0.2 |
| L12N 1100E | Soil | | 42 | 0.54 | 88 | 0.042 | <20 | 1.62 | 0.002 | 0.05 | 0.1 | 0.65 | 3.3 | 0.1 | <0.05 | 3 | 0.6 | <0.2 |
| L12N 1150E | Soil | | 35 | 0.31 | 76 | 0.044 | <20 | 1.54 | <0.001 | 0.04 | 0.1 | 3.75 | 3.1 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L12N 1200E | Soil | | 46 | 0.52 | 89 | 0.045 | <20 | 1.76 | 0.002 | 0.04 | <0.1 | 1.89 | 3.5 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L12N 1250E | Soil | | 43 | 0.51 | 118 | 0.047 | <20 | 1.58 | 0.003 | 0.05 | 0.1 | 0.48 | 3.7 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L12N 1300E | Soil | | 35 | 0.24 | 94 | 0.036 | <20 | 1.60 | 0.001 | 0.03 | <0.1 | 1.27 | 2.8 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L12N 1350E | Soil | | 32 | 0.27 | 63 | 0.030 | <20 | 1.31 | 0.002 | 0.03 | <0.1 | 0.23 | 2.6 | 0.1 | <0.05 | 4 | 0.6 | <0.2 |
| L12N 1400E | Soil | | 47 | 0.58 | 99 | 0.027 | <20 | 1.69 | 0.002 | 0.05 | <0.1 | 1.98 | 3.4 | 0.1 | <0.05 | 5 | 0.6 | <0.2 |
| L12N 1450E | Soil | | 29 | 0.37 | 122 | 0.037 | <20 | 0.77 | 0.002 | 0.05 | <0.1 | 0.81 | 2.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| L12N 1500E | Soil | | 30 | 0.63 | 127 | 0.043 | <20 | 1.10 | 0.006 | 0.09 | 1.0 | 0.26 | 3.5 | 0.2 | <0.05 | 4 | 0.9 | 0.2 |
| L1S 2050W | Soil | | 28 | 0.28 | 83 | 0.022 | <20 | 1.42 | 0.004 | 0.06 | <0.1 | 0.05 | 1.7 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| L1S 2000W | Soil | | 30 | 0.46 | 143 | 0.009 | <20 | 1.96 | 0.002 | 0.07 | <0.1 | 0.06 | 1.3 | 0.2 | <0.05 | 9 | 0.5 | <0.2 |
| L1S 1950W | Soil | | 26 | 0.26 | 113 | 0.018 | <20 | 1.55 | <0.001 | 0.05 | <0.1 | 0.04 | 1.7 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L1S 1900W | Soil | | 57 | 0.89 | 128 | 0.313 | <20 | 2.39 | 0.004 | 0.05 | <0.1 | 0.05 | 6.8 | 0.1 | <0.05 | 12 | <0.5 | <0.2 |
| L1S 1850W | Soil | | 23 | 0.29 | 142 | 0.073 | <20 | 1.23 | 0.002 | 0.06 | <0.1 | 0.03 | 3.4 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| L1S 1800W | Soil | | 23 | 0.25 | 89 | 0.015 | <20 | 1.34 | 0.001 | 0.05 | <0.1 | 0.05 | 1.5 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L1S 1750W | Soil | | 27 | 0.30 | 121 | 0.009 | <20 | 1.34 | 0.002 | 0.06 | <0.1 | 0.02 | 2.4 | 0.3 | <0.05 | 8 | <0.5 | <0.2 |
| L1S 1700W | Soil | | 35 | 0.51 | 152 | 0.004 | <20 | 1.60 | <0.001 | 0.11 | <0.1 | 0.03 | 2.3 | 0.2 | <0.05 | 6 | 0.6 | <0.2 |
| L1S 1650W | Soil | | 23 | 0.32 | 395 | 0.006 | <20 | 1.26 | 0.001 | 0.14 | <0.1 | 0.03 | 0.9 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L1S 1600W | Soil | | 15 | 0.16 | 100 | 0.003 | <20 | 1.20 | <0.001 | 0.06 | <0.1 | 0.04 | 0.9 | 0.3 | <0.05 | 6 | <0.5 | <0.2 |
| L1S 1550W | Soil | | 22 | 0.50 | 75 | 0.006 | <20 | 1.63 | <0.001 | 0.05 | <0.1 | 0.10 | 2.1 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L1S 1500W | Soil | | 14 | 0.16 | 133 | 0.007 | <20 | 1.13 | 0.001 | 0.08 | <0.1 | 0.03 | 1.3 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L1S 1450W | Soil | | 10 | 0.09 | 163 | 0.003 | <20 | 0.92 | <0.001 | 0.08 | <0.1 | 0.02 | 0.5 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| L1S 1400W | Soil | | 20 | 0.37 | 159 | 0.006 | <20 | 1.65 | 0.001 | 0.12 | <0.1 | 0.02 | 0.6 | 0.3 | <0.05 | 7 | <0.5 | <0.2 |
| L17S 200W | Soil | | 12 | 0.14 | 63 | 0.028 | <20 | 0.83 | 0.002 | 0.06 | <0.1 | 0.02 | 2.3 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| L17S 250W | Soil | | 13 | 0.11 | 38 | 0.051 | <20 | 0.58 | 0.003 | 0.04 | <0.1 | <0.01 | 1.7 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L17S 300W | Soil | | 28 | 0.28 | 74 | 0.058 | <20 | 0.94 | <0.001 | 0.04 | <0.1 | <0.01 | 2.1 | <0.1 | <0.05 | 5 | 0.5 | <0.2 |
| L8N 2900W | Soil | | 23 | 0.27 | 243 | 0.068 | <20 | 1.66 | 0.001 | 0.06 | <0.1 | 0.03 | 3.0 | 0.2 | <0.05 | 9 | <0.5 | <0.2 |

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Project: Lustdust
Report Date: November 18, 2017



# QUALITY CONTROL REPORT VAN17002508.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | | | | | | | | | | | | | | | | | | | | | |
| L21S 850W | Soil | 3.1 | 22.7 | 6.6 | 68 | 0.2 | 19.0 | 7.0 | 282 | 2.62 | 6.5 | <0.5 | 1.6 | 8 | 0.2 | 0.6 | 0.1 | 51 | 0.08 | 0.042 | 9 |
| REP L21S 850W | QC | 3.5 | 23.1 | 6.8 | 72 | 0.2 | 19.4 | 7.5 | 295 | 2.80 | 7.3 | 1.9 | 1.6 | 8 | 0.2 | 0.6 | 0.1 | 57 | 0.09 | 0.046 | 9 |
| L15S 800W | Soil | 4.6 | 85.4 | 14.1 | 199 | 0.8 | 25.6 | 16.6 | 497 | 4.50 | 8.1 | 2.1 | 1.5 | 57 | 1.0 | 0.5 | 0.3 | 72 | 0.56 | 0.063 | 12 |
| REP L15S 800W | QC | 4.6 | 88.6 | 14.4 | 203 | 0.8 | 26.0 | 16.7 | 506 | 4.60 | 8.0 | 1.2 | 1.6 | 59 | 0.9 | 0.5 | 0.3 | 74 | 0.60 | 0.062 | 11 |
| L17S 1400W | Soil | 9.4 | 333.8 | 12.3 | 125 | 0.6 | 44.0 | 19.1 | 1574 | 3.36 | 10.4 | 2.4 | 1.9 | 98 | 0.8 | 1.7 | 0.5 | 44 | 1.58 | 0.151 | 28 |
| REP L17S 1400W | QC | 9.6 | 329.1 | 12.2 | 123 | 0.6 | 45.2 | 19.5 | 1511 | 3.23 | 10.1 | 1.2 | 1.9 | 96 | 0.8 | 1.7 | 0.5 | 45 | 1.56 | 0.146 | 26 |
| L18N 3000W | Soil | 2.6 | 33.5 | 6.0 | 45 | 0.2 | 13.7 | 4.8 | 247 | 2.48 | 4.9 | <0.5 | 0.3 | 4 | <0.1 | 0.6 | 0.2 | 29 | 0.05 | 0.047 | 17 |
| REP L18N 3000W | QC | 2.6 | 35.4 | 6.1 | 44 | 0.2 | 13.4 | 4.9 | 264 | 2.55 | 5.4 | <0.5 | 0.3 | 4 | <0.1 | 0.8 | 0.2 | 30 | 0.05 | 0.049 | 18 |
| L22N 50E | Soil | 3.0 | 27.3 | 10.7 | 66 | 0.3 | 27.8 | 6.3 | 283 | 2.88 | 14.1 | 1.3 | 0.8 | 7 | 0.4 | 1.7 | 0.2 | 45 | 0.09 | 0.028 | 14 |
| REP L22N 50E | QC | 3.2 | 27.7 | 11.5 | 67 | 0.3 | 27.5 | 6.5 | 280 | 2.85 | 14.8 | 3.4 | 0.9 | 8 | 0.4 | 1.8 | 0.3 | 46 | 0.10 | 0.028 | 14 |
| L20N 550E | Soil | 1.8 | 38.6 | 11.2 | 112 | 0.1 | 62.6 | 12.4 | 369 | 3.49 | 14.7 | 2.5 | 1.6 | 10 | 0.9 | 1.0 | 0.2 | 73 | 0.17 | 0.032 | 14 |
| REP L20N 550E | QC | 1.7 | 36.9 | 11.1 | 113 | 0.1 | 58.7 | 11.9 | 364 | 3.53 | 15.0 | 2.1 | 1.5 | 10 | 0.8 | 0.8 | 0.2 | 69 | 0.18 | 0.034 | 13 |
| L18N 1050E | Soil | 1.1 | 91.5 | 20.1 | 395 | 0.4 | 36.2 | 9.0 | 377 | 2.30 | 50.6 | 7.9 | 1.8 | 26 | 3.2 | 6.7 | 0.6 | 56 | 0.65 | 0.085 | 16 |
| REP L18N 1050E | QC | 1.2 | 92.2 | 19.6 | 380 | 0.4 | 35.2 | 9.0 | 370 | 2.20 | 47.2 | 8.4 | 1.8 | 25 | 3.8 | 7.0 | 0.6 | 55 | 0.62 | 0.087 | 15 |
| L1S 2050W | Soil | 2.0 | 30.7 | 9.1 | 49 | 0.4 | 14.1 | 4.8 | 245 | 3.80 | 5.1 | 9.2 | 0.2 | 7 | 0.2 | 0.6 | 0.2 | 69 | 0.10 | 0.075 | 13 |
| REP L1S 2050W | QC | 2.5 | 31.7 | 9.4 | 51 | 0.4 | 15.0 | 5.2 | 257 | 3.90 | 5.4 | 1.4 | 0.2 | 7 | 0.1 | 0.5 | 0.2 | 69 | 0.09 | 0.078 | 13 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS11 | Standard | 13.9 | 137.8 | 132.7 | 326 | 1.5 | 74.3 | 12.7 | 992 | 3.00 | 40.6 | 54.4 | 7.3 | 69 | 2.1 | 7.9 | 10.2 | 47 | 1.02 | 0.063 | 17 |
| STD DS11 | Standard | 15.5 | 149.4 | 136.0 | 352 | 1.7 | 75.1 | 13.1 | 1012 | 3.01 | 42.8 | 47.6 | 7.7 | 74 | 2.6 | 6.8 | 11.1 | 50 | 1.03 | 0.070 | 20 |
| STD DS11 | Standard | 14.6 | 151.6 | 138.4 | 358 | 1.6 | 78.2 | 14.9 | 1028 | 3.23 | 41.9 | 92.5 | 8.2 | 70 | 2.4 | 6.3 | 10.4 | 54 | 1.12 | 0.067 | 21 |
| STD DS11 | Standard | 13.9 | 148.9 | 139.7 | 334 | 1.7 | 85.7 | 14.1 | 986 | 3.20 | 42.2 | 297.1 | 8.1 | 71 | 2.5 | 7.1 | 10.8 | 58 | 1.05 | 0.072 | 21 |
| STD DS11 | Standard | 14.0 | 136.4 | 134.3 | 349 | 1.5 | 76.3 | 13.7 | 955 | 2.87 | 39.8 | 54.4 | 7.9 | 65 | 2.4 | 7.1 | 9.7 | 53 | 0.99 | 0.069 | 19 |
| STD DS11 | Standard | 15.3 | 161.4 | 146.1 | 360 | 1.6 | 81.7 | 13.8 | 1094 | 3.26 | 44.6 | 119.7 | 7.9 | 70 | 2.6 | 8.3 | 11.7 | 54 | 1.13 | 0.073 | 19 |
| STD DS11 | Standard | 12.6 | 133.2 | 129.2 | 318 | 1.5 | 72.8 | 12.5 | 954 | 2.87 | 40.0 | 49.7 | 6.8 | 64 | 2.3 | 8.4 | 9.9 | 45 | 0.98 | 0.065 | 18 |
| STD DS11 | Standard | 14.6 | 141.6 | 131.0 | 323 | 1.7 | 78.0 | 13.0 | 992 | 3.10 | 38.1 | 145.5 | 7.2 | 63 | 2.1 | 7.9 | 11.6 | 47 | 0.98 | 0.065 | 16 |
| STD DS11 | Standard | 12.9 | 149.7 | 125.9 | 327 | 1.6 | 79.3 | 13.3 | 1008 | 3.06 | 42.9 | 89.4 | 7.0 | 63 | 2.3 | 7.1 | 10.9 | 48 | 0.99 | 0.069 | 19 |
| STD OREAS45EA | Standard | 1.4 | 636.5 | 12.8 | 29 | 0.2 | 352.5 | 46.7 | 402 | 20.92 | 10.8 | 48.6 | 9.6 | 4 | <0.1 | 0.4 | 0.2 | 268 | 0.03 | 0.027 | 6 |
| STD OREAS45EA | Standard | 1.4 | 682.9 | 13.6 | 32 | 0.2 | 376.6 | 48.2 | 419 | 21.58 | 10.9 | 41.2 | 10.1 | 4 | <0.1 | 0.2 | 0.3 | 291 | 0.03 | 0.029 | 7 |

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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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: November 18, 2017



# QUALITY CONTROL REPORT VAN17002508.1

| | Method | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | |
| L21S 850W | Soil | 34 | 0.38 | 186 | 0.038 | <20 | 1.48 | <0.001 | 0.06 | <0.1 | 0.04 | 2.8 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| REP L21S 850W | QC | 36 | 0.35 | 192 | 0.039 | <20 | 1.39 | <0.001 | 0.06 | <0.1 | 0.03 | 3.0 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| L15S 800W | Soil | 28 | 0.41 | 382 | 0.041 | <20 | 2.23 | 0.006 | 0.06 | 0.1 | 0.10 | 4.7 | 0.1 | <0.05 | 9 | 1.8 | <0.2 |
| REP L15S 800W | QC | 29 | 0.43 | 394 | 0.039 | <20 | 2.28 | 0.005 | 0.06 | <0.1 | 0.11 | 4.7 | 0.2 | <0.05 | 9 | 1.1 | <0.2 |
| L17S 1400W | Soil | 24 | 0.41 | 498 | 0.002 | <20 | 1.89 | 0.005 | 0.07 | <0.1 | 0.30 | 12.0 | 0.2 | <0.05 | 4 | 2.6 | <0.2 |
| REP L17S 1400W | QC | 23 | 0.39 | 480 | 0.002 | <20 | 1.83 | 0.005 | 0.07 | <0.1 | 0.28 | 11.2 | 0.2 | <0.05 | 4 | 2.2 | <0.2 |
| L18N 3000W | Soil | 15 | 0.31 | 57 | 0.006 | <20 | 1.38 | 0.003 | 0.04 | <0.1 | 0.02 | 1.3 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| REP L18N 3000W | QC | 16 | 0.30 | 61 | 0.006 | <20 | 1.41 | 0.002 | 0.05 | <0.1 | 0.03 | 1.4 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| L22N 50E | Soil | 49 | 0.46 | 171 | 0.035 | <20 | 1.63 | 0.002 | 0.08 | <0.1 | 1.07 | 2.8 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| REP L22N 50E | QC | 50 | 0.47 | 171 | 0.035 | <20 | 1.63 | 0.003 | 0.08 | <0.1 | 0.24 | 3.0 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| L20N 550E | Soil | 78 | 0.88 | 169 | 0.048 | <20 | 2.85 | 0.003 | 0.05 | <0.1 | 0.95 | 5.3 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| REP L20N 550E | QC | 79 | 0.84 | 169 | 0.045 | <20 | 2.80 | 0.003 | 0.05 | <0.1 | 0.95 | 5.1 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| L18N 1050E | Soil | 52 | 0.92 | 437 | 0.024 | <20 | 2.12 | 0.007 | 0.10 | 0.1 | 0.52 | 6.1 | 0.4 | 0.08 | 7 | 1.3 | <0.2 |
| REP L18N 1050E | QC | 50 | 0.89 | 418 | 0.022 | <20 | 2.07 | 0.008 | 0.09 | 0.1 | 0.56 | 5.6 | 0.4 | <0.05 | 7 | 1.6 | <0.2 |
| L1S 2050W | Soil | 28 | 0.28 | 83 | 0.022 | <20 | 1.42 | 0.004 | 0.06 | <0.1 | 0.05 | 1.7 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| REP L1S 2050W | QC | 28 | 0.28 | 89 | 0.023 | <20 | 1.49 | 0.004 | 0.06 | <0.1 | 0.04 | 1.7 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| Reference Materials | | | | | | | | | | | | | | | | | |
| STD DS11 | Standard | 56 | 0.77 | 420 | 0.088 | <20 | 1.05 | 0.067 | 0.41 | 2.4 | 0.30 | 3.2 | 4.6 | 0.22 | 5 | 2.1 | 4.9 |
| STD DS11 | Standard | 57 | 0.87 | 442 | 0.101 | <20 | 1.22 | 0.077 | 0.43 | 2.7 | 0.25 | 3.4 | 4.8 | 0.29 | 5 | 2.1 | 4.1 |
| STD DS11 | Standard | 60 | 0.84 | 403 | 0.100 | <20 | 1.19 | 0.083 | 0.41 | 2.1 | 0.25 | 3.5 | 5.2 | 0.27 | 5 | 2.4 | 4.4 |
| STD DS11 | Standard | 63 | 0.79 | 399 | 0.105 | <20 | 1.19 | 0.072 | 0.40 | 2.6 | 0.25 | 3.5 | 5.2 | 0.25 | 5 | 2.2 | 5.0 |
| STD DS11 | Standard | 61 | 0.78 | 390 | 0.092 | <20 | 1.16 | 0.065 | 0.36 | 2.4 | 0.36 | 3.0 | 5.0 | 0.22 | 5 | 1.9 | 4.2 |
| STD DS11 | Standard | 66 | 0.86 | 431 | 0.099 | <20 | 1.20 | 0.066 | 0.43 | 2.6 | 0.24 | 3.2 | 5.1 | 0.23 | 5 | 1.8 | 4.5 |
| STD DS11 | Standard | 54 | 0.79 | 391 | 0.088 | <20 | 1.11 | 0.066 | 0.36 | 2.8 | 0.24 | 2.8 | 4.8 | 0.23 | 5 | 1.8 | 4.2 |
| STD DS11 | Standard | 55 | 0.82 | 418 | 0.086 | <20 | 1.08 | 0.060 | 0.39 | 3.0 | 0.25 | 3.1 | 4.8 | 0.23 | 4 | 1.9 | 4.3 |
| STD DS11 | Standard | 60 | 0.80 | 421 | 0.092 | <20 | 1.09 | 0.069 | 0.39 | 2.5 | 0.24 | 3.2 | 4.8 | 0.29 | 5 | 2.1 | 4.4 |
| STD OREAS45EA | Standard | 776 | 0.09 | 134 | 0.086 | <20 | 2.99 | 0.020 | 0.05 | <0.1 | 0.02 | 74.4 | <0.1 | <0.05 | 12 | 1.6 | <0.2 |
| STD OREAS45EA | Standard | 812 | 0.11 | 137 | 0.104 | <20 | 3.38 | 0.022 | 0.06 | <0.1 | 0.02 | 79.5 | <0.1 | <0.05 | 12 | 1.5 | <0.2 |

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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: November 18, 2017



# QUALITY CONTROL REPORT VAN17002508.1

| | | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm |
| | | 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 |
| STD OREAS45EA | Standard | 1.4 | 657.9 | 14.1 | 30 | 0.2 | 361.8 | 48.0 | 394 | 20.43 | 10.1 | 39.2 | 10.9 | 4 | <0.1 | <0.1 | 0.3 | 282 | 0.04 | 0.026 | 7 |
| STD OREAS45EA | Standard | 1.4 | 662.8 | 13.6 | 30 | 0.2 | 380.5 | 52.0 | 383 | 21.53 | 10.6 | 43.0 | 10.5 | 4 | <0.1 | 0.1 | 0.3 | 297 | 0.03 | 0.027 | 7 |
| STD OREAS45EA | Standard | 1.6 | 663.0 | 13.6 | 30 | 0.2 | 372.2 | 50.9 | 372 | 21.51 | 10.5 | 39.7 | 10.6 | 3 | <0.1 | 0.3 | 0.3 | 289 | 0.03 | 0.028 | 7 |
| STD OREAS45EA | Standard | 1.6 | 668.6 | 14.3 | 32 | 0.2 | 389.4 | 55.2 | 401 | 22.63 | 11.0 | 50.5 | 10.4 | 4 | <0.1 | 0.3 | 0.3 | 300 | 0.04 | 0.029 | 7 |
| STD OREAS45EA | Standard | 1.5 | 593.0 | 12.0 | 29 | 0.2 | 333.6 | 44.5 | 339 | 19.00 | 9.6 | 45.0 | 8.7 | 3 | <0.1 | 0.5 | 0.3 | 246 | 0.03 | 0.024 | 6 |
| STD OREAS45EA | Standard | 1.4 | 610.6 | 13.1 | 26 | 0.2 | 341.0 | 46.0 | 363 | 22.57 | 9.4 | 49.1 | 9.6 | 3 | <0.1 | 0.2 | 0.2 | 285 | 0.03 | 0.026 | 7 |
| STD OREAS45EA | Standard | 1.6 | 680.7 | 13.0 | 30 | 0.2 | 364.6 | 50.0 | 398 | 23.09 | 11.1 | 66.1 | 9.3 | 4 | <0.1 | 0.3 | 0.3 | 279 | 0.03 | 0.027 | 7 |
| STD OREAS45EA Expected | | 1.6 | 709 | 14.3 | 31.4 | 0.26 | 381 | 52 | 400 | 23.51 | 10.3 | 53 | 10.7 | 3.5 | 0.03 | 0.32 | 0.26 | 303 | 0.036 | 0.029 | 7.06 |
| STD DS11 Expected | | 13.9 | 156 | 138 | 345 | 1.71 | 81.9 | 14.2 | 1055 | 3.2082 | 42.8 | 79 | 7.65 | 67.3 | 2.37 | 7.2 | 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 | 0.02 | <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 | 3 | <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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Project: Lustdust
Report Date: November 18, 2017



# QUALITY CONTROL REPORT VAN17002508.1

| | | AQ200 Cr ppm 1 | AQ200 Mg % 0.01 | AQ200 Ba ppm 1 | AQ200 Ti % 0.001 | AQ200 B ppm 20 | AQ200 Al % 0.01 | AQ200 Na % 0.001 | AQ200 K % 0.01 | AQ200 W ppm 0.1 | AQ200 Hg ppm 0.01 | AQ200 Sc ppm 0.1 | AQ200 Tl ppm 0.1 | AQ200 S % 0.05 | AQ200 Ga ppm 1 | AQ200 Se ppm 0.5 | AQ200 Te ppm 0.2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STD OREAS45EA | Standard | 857 | 0.10 | 131 | 0.088 | <20 | 3.09 | 0.020 | 0.05 | <0.1 | <0.01 | 82.9 | <0.1 | <0.05 | 12 | 1.4 | <0.2 |
| STD OREAS45EA | Standard | 886 | 0.10 | 132 | 0.092 | <20 | 3.08 | 0.020 | 0.06 | <0.1 | 0.02 | 74.7 | <0.1 | <0.05 | 12 | 1.3 | <0.2 |
| STD OREAS45EA | Standard | 849 | 0.09 | 128 | 0.097 | <20 | 3.04 | 0.017 | 0.05 | <0.1 | 0.01 | 81.8 | <0.1 | <0.05 | 12 | 1.4 | <0.2 |
| STD OREAS45EA | Standard | 910 | 0.11 | 136 | 0.101 | <20 | 3.22 | 0.018 | 0.05 | <0.1 | <0.01 | 77.5 | <0.1 | <0.05 | 12 | 1.3 | <0.2 |
| STD OREAS45EA | Standard | 714 | 0.09 | 136 | 0.083 | <20 | 2.83 | 0.017 | 0.05 | <0.1 | <0.01 | 66.0 | <0.1 | <0.05 | 11 | 1.5 | <0.2 |
| STD OREAS45EA | Standard | 852 | 0.09 | 131 | 0.087 | <20 | 3.03 | 0.016 | 0.05 | <0.1 | 0.02 | 69.7 | <0.1 | <0.05 | 11 | 1.2 | <0.2 |
| STD OREAS45EA | Standard | 872 | 0.09 | 135 | 0.095 | <20 | 2.89 | 0.017 | 0.05 | <0.1 | 0.01 | 74.1 | <0.1 | <0.05 | 12 | 1.8 | <0.2 |
| STD OREAS45EA Expected | | 849 | 0.095 | 148 | 0.0984 | | 3.13 | 0.02 | 0.053 | | | 78 | 0.072 | 0.036 | 12.4 | 0.78 | 0.07 |
| STD DS11 Expected | | 61.5 | 0.85 | 417 | 0.0976 | | 1.129 | 0.0694 | 0.4 | 2.9 | 0.3 | 3.1 | 4.9 | 0.2835 | 4.7 | 1.9 | 4.56 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | 0.02 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <20 | <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 | <20 | <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 | <20 | <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 | <20 | <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 | <20 | <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 | <20 | <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 | <20 | <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 | <20 | <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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**Client:** **Mincord Exploration Consultants Ltd.**
110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7 Canada

Submitted By: Gavin Titley
Receiving Lab: Canada-Vancouver
Received: October 25, 2017
Report Date: January 22, 2018


# CERTIFICATE OF ANALYSIS VAN17002722.3

## CLIENT JOB INFORMATION

Project: Lustdust
Shipment ID: Idr 17-02
P.O. Number
Number of Samples: 18

## SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
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 | 18 | Crush, split and pulverize 250 g rock to 200 mesh | | | VAN |
| AQ201 | 18 | 1:1:1 Aqua Regia digestion ICP-MS analysis | 15 | Completed | VAN |
| AQ370 | 4 | 1:1:1 Aqua Regia digestion ICP-ES analysis | 1 | Completed | VAN |
| FA530-Ag | 3 | Lead collection fire assay fusion - Grav finish | 30 | Completed | VAN |
| EN002 | 3 | Environmental disposal charge-Fire assay lead waste | | | VAN |
| AR404 | 2 | Aqua Regia Digestion 0.5g/200mL, AAS finish | 0.5 | Completed | VAN |

## ADDITIONAL COMMENTS

Version 3 : FA530-Ag & AR404-Pb included.

Invoice To: Mincord Exploration Consultants Ltd.
110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7
Canada

CC: Bill Morton
Glen Garratt
Bob Johnston

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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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: January 22, 2018



# CERTIFICATE OF ANALYSIS VAN17002722.3

| | 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 |
| 2586701 | Rock | 2.19 | 5.7 | 47.5 | 5.5 | 24 | 0.2 | 6.5 | 1.9 | 128 | 2.36 | 46.3 | 15.0 | 4.5 | 18 | <0.1 | 3.9 | 0.8 | 26 | 0.04 | 0.036 |
| 2586702 | Rock | 1.21 | 10.8 | 224.6 | 37.6 | 66 | 0.9 | 28.2 | 7.7 | 193 | 1.94 | 28.7 | 28.5 | 4.3 | 18 | 0.3 | 9.7 | 0.2 | 62 | 0.15 | 0.027 |
| 2586703 | Rock | 0.83 | 16.8 | 228.9 | 9.8 | 30 | 0.3 | 27.2 | 14.4 | 58 | 2.06 | 10.0 | 4.7 | 9.1 | 6 | 0.4 | 23.3 | 0.3 | 41 | 0.14 | 0.044 |
| 2586704 | Rock | 0.76 | 22.6 | 137.2 | 37.5 | 67 | 0.6 | 14.9 | 7.8 | 61 | 4.02 | 20.4 | 5.6 | 10.0 | 5 | 0.4 | 19.6 | 0.5 | 18 | 0.10 | 0.037 |
| 2586705 | Rock | 2.70 | 2.6 | 404.3 | >10000 | >10000 | >100 | 1.2 | 0.4 | 267 | 7.25 | >10000 | 5789.9 | <0.1 | 5 | 404.2 | >2000 | 1.7 | 10 | 0.03 | 0.037 |
| 2586706 | Rock | 1.63 | 4.2 | 1260.5 | >10000 | 5091 | >100 | 0.4 | 0.2 | 124 | 12.57 | >10000 | 10489.5 | <0.1 | 5 | 247.8 | >2000 | 1.3 | 16 | 0.02 | 0.015 |
| 2586707 | Rock | 1.25 | 4.4 | 717.6 | >10000 | 2149 | >100 | 1.0 | 1.2 | 188 | 13.72 | >10000 | 7355.5 | <0.1 | 5 | 100.4 | >2000 | 0.5 | 5 | 0.03 | 0.029 |
| LDS1 | Rock | 5.42 | 13.4 | >10000 | 162.7 | 319 | 56.5 | 23.9 | 17.7 | 1640 | 10.69 | 406.9 | 888.8 | 1.5 | 20 | 2.7 | 132.1 | 61.7 | 18 | 10.65 | 0.638 |
| LDS2 | Rock | 7.04 | 128.6 | 8725.2 | 91.7 | 196 | 29.9 | 26.9 | 25.1 | 2100 | 13.77 | 857.6 | 380.2 | 1.7 | 12 | 1.7 | 67.2 | 50.8 | 24 | 12.39 | 0.377 |
| LDS3 | Rock | 6.86 | 25.4 | 9167.0 | 21.5 | 78 | 57.3 | 48.4 | 79.4 | 1053 | 11.14 | 277.8 | 671.5 | 2.7 | 9 | 0.5 | 20.8 | 88.2 | 25 | 7.68 | 0.467 |
| LDS4 | Rock | 7.05 | 22.9 | 2817.1 | 13.9 | 45 | 12.5 | 14.7 | 9.5 | 1895 | 12.49 | 515.4 | 73.5 | 0.7 | 2 | 0.4 | 12.3 | 10.8 | 21 | 13.72 | 0.052 |
| 79694 | Rock | 1.51 | 1.9 | 44.5 | 7.9 | 52 | 0.4 | 17.3 | 2.8 | 202 | 2.14 | 7.6 | 2.2 | 2.3 | 3 | 0.3 | 5.1 | 0.3 | 16 | 0.05 | 0.017 |
| 79695 | Rock | 1.00 | 0.4 | 59.5 | 20.4 | 72 | 0.3 | 49.4 | 9.7 | 5334 | 1.76 | 8.4 | <0.5 | 1.8 | 16 | 0.2 | 7.0 | 0.2 | 11 | 0.06 | 0.014 |
| 79696 | Rock | 1.22 | 1.5 | 27.1 | 8.1 | 54 | 0.2 | 19.7 | 10.1 | 450 | 2.48 | 5.1 | <0.5 | 1.6 | 43 | 0.3 | 4.8 | 0.2 | 72 | 1.78 | 0.025 |
| 79697 | Rock | 1.36 | 7.0 | 231.0 | 3815.6 | 266 | 39.8 | 1.7 | 3.5 | 393 | 3.81 | 565.6 | 257.2 | 12.8 | 10 | 1.5 | 30.5 | 3.7 | 15 | 0.09 | 0.109 |
| 79698 | Rock | 1.96 | 7.1 | 75.1 | 75.4 | 96 | 0.6 | 6.1 | 5.2 | 383 | 3.21 | 21.4 | 14.7 | 14.9 | 39 | 2.2 | 4.1 | 1.8 | 42 | 0.60 | 0.111 |
| 79699 | Rock | 2.66 | 15.4 | 71.3 | 28.9 | 58 | 0.7 | 23.5 | 3.7 | 251 | 1.73 | 19.6 | 8.9 | 5.6 | 16 | 0.2 | 3.2 | 0.9 | 50 | 0.15 | 0.052 |
| 79700 | Rock | 3.48 | 10.8 | 181.1 | 64.0 | 238 | 0.6 | 7.1 | 5.2 | 113 | 2.32 | 9.1 | 5.7 | 25.1 | 18 | 2.2 | 20.9 | 0.5 | 10 | 0.53 | 0.057 |

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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: January 22, 2018



# CERTIFICATE OF ANALYSIS VAN17002722.3

| | Method | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ370 | AQ370 | AQ370 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | Mo | Cu | Pb |
| | 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 | 0.001 | 0.001 | 0.01 |
| 2586701 | Rock | 12 | 17 | 0.84 | 232 | 0.013 | 5 | 1.29 | 0.019 | 0.31 | <0.1 | <0.01 | 2.3 | 0.3 | 0.05 | 5 | 1.6 | <0.2 | | | |
| 2586702 | Rock | 9 | 37 | 1.00 | 192 | 0.089 | 2 | 1.61 | 0.061 | 0.71 | <0.1 | <0.01 | 8.2 | 1.1 | 0.11 | 7 | 0.9 | <0.2 | | | |
| 2586703 | Rock | 10 | 25 | 0.49 | 118 | 0.048 | <1 | 0.80 | 0.025 | 0.43 | 0.2 | 0.02 | 6.0 | 0.4 | 1.36 | 4 | 2.6 | <0.2 | | | |
| 2586704 | Rock | 10 | 9 | 0.16 | 36 | 0.010 | <1 | 0.55 | 0.013 | 0.26 | 0.4 | 0.04 | 3.0 | 0.2 | 3.06 | 1 | 5.1 | <0.2 | | | |
| 2586705 | Rock | <1 | 5 | <0.01 | 32 | <0.001 | 14 | 0.04 | <0.001 | 0.06 | <0.1 | >50 | 0.2 | 157.1 | 4.76 | 11 | 1.5 | 20.2 | <0.001 | 0.037 | 2.65 |
| 2586706 | Rock | <1 | 3 | <0.01 | 24 | <0.001 | <1 | 0.03 | <0.001 | 0.04 | <0.1 | >50 | <0.1 | 387.1 | 4.79 | 8 | 1.6 | 19.1 | <0.001 | 0.125 | >4 |
| 2586707 | Rock | <1 | 3 | <0.01 | 35 | <0.001 | <1 | 0.02 | <0.001 | 0.03 | <0.1 | 22.45 | <0.1 | 946.6 | 6.80 | 3 | 2.2 | 2.5 | <0.001 | 0.069 | >4 |
| LDS1 | Rock | 26 | 9 | 0.26 | 26 | 0.055 | 4 | 1.15 | 0.014 | 0.02 | 37.8 | 0.09 | 2.8 | 0.9 | 1.97 | 7 | 8.4 | 6.0 | 0.001 | 2.709 | 0.02 |
| LDS2 | Rock | 21 | 11 | 0.24 | 80 | 0.042 | 3 | 1.04 | 0.007 | 0.06 | 73.5 | 0.03 | 3.3 | 1.1 | 0.85 | 8 | 9.0 | 6.3 | | | |
| LDS3 | Rock | 30 | 10 | 0.23 | 30 | 0.070 | 1 | 0.69 | 0.006 | 0.03 | 63.2 | <0.01 | 2.2 | 0.1 | 3.86 | 7 | 20.3 | 5.8 | | | |
| LDS4 | Rock | 21 | 6 | 0.23 | 17 | 0.018 | 3 | 0.92 | <0.001 | 0.01 | 64.4 | <0.01 | 1.8 | 0.2 | 0.71 | 10 | 2.7 | 2.7 | | | |
| 79694 | Rock | 8 | 12 | 0.64 | 135 | 0.002 | 3 | 1.08 | 0.010 | 0.14 | <0.1 | 0.03 | 1.7 | <0.1 | <0.05 | 4 | 0.6 | <0.2 | | | |
| 79695 | Rock | 14 | 8 | 0.39 | 229 | 0.008 | 4 | 0.71 | 0.007 | 0.11 | <0.1 | 0.02 | 2.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | | | |
| 79696 | Rock | 6 | 32 | 0.99 | 28 | 0.145 | 2 | 1.15 | 0.021 | 0.01 | 0.1 | <0.01 | 4.8 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | | | |
| 79697 | Rock | 28 | 2 | 0.08 | 187 | 0.002 | 2 | 0.62 | 0.006 | 0.27 | 0.2 | 0.13 | 1.4 | 0.5 | 0.33 | 2 | 2.9 | 2.7 | | | |
| 79698 | Rock | 39 | 5 | 0.78 | 131 | 0.062 | <1 | 1.12 | 0.046 | 0.17 | 0.3 | <0.01 | 3.2 | 0.2 | 1.09 | 6 | 1.4 | 0.2 | | | |
| 79699 | Rock | 6 | 23 | 1.09 | 128 | 0.012 | <1 | 1.45 | 0.061 | 0.23 | 0.1 | <0.01 | 4.4 | 0.4 | 0.23 | 6 | 1.4 | <0.2 | | | |
| 79700 | Rock | 19 | 3 | 0.26 | 59 | 0.006 | <1 | 0.48 | 0.040 | 0.19 | 0.3 | 0.05 | 1.9 | 0.2 | 2.20 | 2 | 3.2 | <0.2 | | | |

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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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: January 22, 2018



# CERTIFICATE OF ANALYSIS VAN17002722.3

| | Method | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na | K | W | Hg |
| | Unit | % | ppm | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| | MDL | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 |
| 2586701 | Rock | | | | | | | | | | | | | | | | | | | | |
| 2586702 | Rock | | | | | | | | | | | | | | | | | | | | |
| 2586703 | Rock | | | | | | | | | | | | | | | | | | | | |
| 2586704 | Rock | | | | | | | | | | | | | | | | | | | | |
| 2586705 | Rock | 2.09 | >1000 | <0.001 | <0.001 | 0.02 | 7.12 | 6.78 | <0.001 | 0.038 | 2.883 | <0.01 | 0.02 | 0.033 | <0.001 | <0.01 | 0.06 | 0.03 | 0.06 | <0.001 | 0.007 |
| 2586706 | Rock | 0.53 | >1000 | <0.001 | <0.001 | 0.01 | 13.79 | >10 | <0.001 | 0.027 | >5 | <0.01 | 0.02 | 0.029 | <0.001 | <0.01 | 0.04 | 0.11 | 0.05 | 0.001 | 0.007 |
| 2586707 | Rock | 0.21 | >1000 | <0.001 | <0.001 | 0.02 | 12.94 | 9.83 | <0.001 | 0.009 | >5 | <0.01 | 0.03 | 0.032 | <0.001 | <0.01 | 0.03 | 0.06 | 0.04 | <0.001 | 0.002 |
| LDS1 | Rock | 0.03 | 53 | 0.002 | 0.001 | 0.17 | 11.29 | 0.02 | 0.002 | <0.001 | <0.001 | <0.01 | 10.93 | 0.667 | 0.001 | 0.27 | 1.23 | 0.01 | 0.02 | 0.007 | <0.001 |
| LDS2 | Rock | | | | | | | | | | | | | | | | | | | | |
| LDS3 | Rock | | | | | | | | | | | | | | | | | | | | |
| LDS4 | Rock | | | | | | | | | | | | | | | | | | | | |
| 79694 | Rock | | | | | | | | | | | | | | | | | | | | |
| 79695 | Rock | | | | | | | | | | | | | | | | | | | | |
| 79696 | Rock | | | | | | | | | | | | | | | | | | | | |
| 79697 | Rock | | | | | | | | | | | | | | | | | | | | |
| 79698 | Rock | | | | | | | | | | | | | | | | | | | | |
| 79699 | Rock | | | | | | | | | | | | | | | | | | | | |
| 79700 | Rock | | | | | | | | | | | | | | | | | | | | |

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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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: January 22, 2018



# CERTIFICATE OF ANALYSIS VAN17002722.3

| | Method | AQ370 | FA530 | AR404 |
|---|---|---|---|---|
| | Analyte | S | Ag | Pb |
| | Unit | % | gm/t | % |
| | MDL | 0.05 | 20 | 0.01 |
| 2586701 | Rock | | | |
| 2586702 | Rock | | | |
| 2586703 | Rock | | | |
| 2586704 | Rock | | | |
| 2586705 | Rock | 4.53 | 2041 | |
| 2586706 | Rock | 4.57 | 4194 | 10.56 |
| 2586707 | Rock | 7.59 | 1007 | 6.59 |
| LDS1 | Rock | 2.26 | | |
| LDS2 | Rock | | | |
| LDS3 | Rock | | | |
| LDS4 | Rock | | | |
| 79694 | Rock | | | |
| 79695 | Rock | | | |
| 79696 | Rock | | | |
| 79697 | Rock | | | |
| 79698 | Rock | | | |
| 79699 | Rock | | | |
| 79700 | Rock | | | |

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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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: January 22, 2018



# QUALITY CONTROL REPORT VAN17002722.3

| | 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 | | | | | | | | | | | | | | | | | | | | | |
| 2586705 | Rock | 2.70 | 2.6 | 404.3 | >10000 | >10000 | >100 | 1.2 | 0.4 | 267 | 7.25 | >10000 | 5789.9 | <0.1 | 5 | 404.2 | >2000 | 1.7 | 10 | 0.03 | 0.037 |
| REP 2586705 | QC | | 2.4 | 432.0 | >10000 | >10000 | >100 | 1.6 | 0.3 | 234 | 7.45 | >10000 | 5822.5 | <0.1 | 5 | 418.4 | >2000 | 1.7 | 10 | 0.02 | 0.036 |
| 2586707 | Rock | 1.25 | 4.4 | 717.6 | >10000 | 2149 | >100 | 1.0 | 1.2 | 188 | 13.72 | >10000 | 7355.5 | <0.1 | 5 | 100.4 | >2000 | 0.5 | 5 | 0.03 | 0.029 |
| REP 2586707 | QC | | | | | | | | | | | | | | | | | | | | |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD AGPROOF | Standard | | | | | | | | | | | | | | | | | | | | |
| STD CDN-ME-9A | Standard | | | | | | | | | | | | | | | | | | | | |
| STD CDN-ME-14A | Standard | | | | | | | | | | | | | | | | | | | | |
| STD DS11 | Standard | | 15.1 | 156.6 | 133.0 | 353 | 1.8 | 79.7 | 15.3 | 1015 | 3.16 | 43.5 | 65.8 | 7.6 | 74 | 2.7 | 8.2 | 10.6 | 49 | 1.07 | 0.072 |
| STD OREAS132A | Standard | | | | | | | | | | | | | | | | | | | | |
| STD OREAS134B | Standard | | | | | | | | | | | | | | | | | | | | |
| STD OXC129 | Standard | | 1.4 | 30.5 | 6.6 | 44 | <0.1 | 84.4 | 22.7 | 400 | 3.03 | 0.9 | 195.9 | 1.9 | 207 | <0.1 | 0.3 | <0.1 | 57 | 0.74 | 0.107 |
| STD SP49 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD SQ70 | Standard | | | | | | | | | | | | | | | | | | | | |
| 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 |
| STD CDN-ME-9A Expected | | | | | | | | | | | | | | | | | | | | | |
| STD CDN-ME-14A Expected | | | | | | | | | | | | | | | | | | | | | |
| STD AGPROOF Expected | | | | | | | | | | | | | | | | | | | | | |
| STD SP49 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD SQ70 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD OREAS132A Expected | | | | | | | | | | | | | | | | | | | | | |
| STD OREAS134B Expected | | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | <0.1 | 0.2 | <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 | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |

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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: January 22, 2018



# QUALITY CONTROL REPORT VAN17002722.3

| | Method | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ370 | AQ370 | AQ370 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | Mo | Cu | Pb |
| | 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 | 0.001 | 0.001 | 0.01 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2586705 | Rock | <1 | 5 | <0.01 | 32 | <0.001 | 14 | 0.04 | <0.001 | 0.06 | <0.1 | >50 | 0.2 | 157.1 | 4.76 | 11 | 1.5 | 20.2 | <0.001 | 0.037 | 2.65 |
| REP 2586705 | QC | <1 | 5 | <0.01 | 36 | <0.001 | 11 | 0.05 | 0.001 | 0.06 | <0.1 | >50 | <0.1 | 170.9 | 4.86 | 11 | 5.9 | 19.7 | | | |
| 2586707 | Rock | <1 | 3 | <0.01 | 35 | <0.001 | <1 | 0.02 | <0.001 | 0.03 | <0.1 | 22.45 | <0.1 | 946.6 | 6.80 | 3 | 2.2 | 2.5 | <0.001 | 0.069 | >4 |
| REP 2586707 | QC | | | | | | | | | | | | | | | | | | | | |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD AGPROOF | Standard | | | | | | | | | | | | | | | | | | | | |
| STD CDN-ME-9A | Standard | | | | | | | | | | | | | | | | | | <0.001 | 0.667 | <0.01 |
| STD CDN-ME-14A | Standard | | | | | | | | | | | | | | | | | | 0.002 | 1.229 | 0.49 |
| STD DS11 | Standard | 17 | 58 | 0.86 | 369 | 0.102 | 7 | 1.13 | 0.071 | 0.41 | 3.1 | 0.24 | 2.9 | 5.0 | 0.27 | 5 | 2.5 | 4.9 | | | |
| STD OREAS132A | Standard | | | | | | | | | | | | | | | | | | | | |
| STD OREAS134B | Standard | | | | | | | | | | | | | | | | | | | | |
| STD OXC129 | Standard | 14 | 60 | 1.57 | 54 | 0.465 | 2 | 1.63 | 0.588 | 0.37 | <0.1 | <0.01 | 1.4 | <0.1 | <0.05 | 7 | <0.5 | <0.2 | | | |
| STD SP49 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD SQ70 | Standard | | | | | | | | | | | | | | | | | | | | |
| 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 | | | |
| STD CDN-ME-9A Expected | | | | | | | | | | | | | | | | | | | 0.00033 | 0.654 | 0.003 |
| STD CDN-ME-14A Expected | | | | | | | | | | | | | | | | | | | 0.0015 | 1.24 | 0.488 |
| STD AGPROOF Expected | | | | | | | | | | | | | | | | | | | | | |
| STD SP49 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD SQ70 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD OREAS132A Expected | | | | | | | | | | | | | | | | | | | | | |
| STD OREAS134B Expected | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | <0.001 | <0.001 | <0.01 |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |

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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Project: Lustdust
Report Date: January 22, 2018



# QUALITY CONTROL REPORT VAN17002722.3

| | Method | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na | K | W | Hg |
| | Unit | % | ppm | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| | MDL | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2586705 | Rock | 2.09 | >1000 | <0.001 | <0.001 | 0.02 | 7.12 | 6.78 | <0.001 | 0.038 | 2.883 | <0.01 | 0.02 | 0.033 | <0.001 | <0.01 | 0.06 | 0.03 | 0.06 | <0.001 | 0.007 |
| REP 2586705 | QC | | | | | | | | | | | | | | | | | | | | |
| 2586707 | Rock | 0.21 | >1000 | <0.001 | <0.001 | 0.02 | 12.94 | 9.83 | <0.001 | 0.009 | >5 | <0.01 | 0.03 | 0.032 | <0.001 | <0.01 | 0.03 | 0.06 | 0.04 | <0.001 | 0.002 |
| REP 2586707 | QC | | | | | | | | | | | | | | | | | | | | |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD AGPROOF | Standard | | | | | | | | | | | | | | | | | | | | |
| STD CDN-ME-9A | Standard | <0.01 | 3 | 0.961 | 0.017 | 0.07 | 11.93 | <0.01 | 0.006 | <0.001 | <0.001 | <0.01 | 1.42 | 0.058 | 0.014 | 2.90 | 2.28 | 0.31 | 0.18 | <0.001 | <0.001 |
| STD CDN-ME-14A | Standard | 2.95 | 43 | 0.002 | 0.017 | 0.06 | 17.01 | 0.01 | <0.001 | 0.009 | 0.003 | 0.01 | 0.32 | 0.015 | 0.002 | 0.87 | 1.16 | 0.03 | 0.37 | <0.001 | <0.001 |
| STD DS11 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD OREAS132A | Standard | | | | | | | | | | | | | | | | | | | | |
| STD OREAS134B | Standard | | | | | | | | | | | | | | | | | | | | |
| STD OXC129 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD SP49 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD SQ70 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD OXC129 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD DS11 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD CDN-ME-9A Expected | | 0.0096 | 3.3 | 0.912 | 0.0165 | 0.066 | 11.73 | 0.00125 | 0.006 | 0 | 0.00014 | 0.0002 | 1.37 | 0.0583 | 0.0134 | 2.84 | 2.21 | 0.309 | 0.1813 | 0 | 0 |
| STD CDN-ME-14A Expected | | 2.97 | 42.3 | 0.0018 | 0.017 | 0.0589 | 17.29 | 0.0105 | 0.00036 | 0.0088 | 0.0024 | 0.0096 | 0.298 | 0.0127 | 0.0019 | 0.8787 | 1.14 | 0.0264 | 0.359 | | 0.0015 |
| STD AGPROOF Expected | | | | | | | | | | | | | | | | | | | | | |
| STD SP49 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD SQ70 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD OREAS132A Expected | | | | | | | | | | | | | | | | | | | | | |
| STD OREAS134B Expected | | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | <0.01 | <2 | <0.001 | <0.001 | <0.01 | <0.01 | <0.01 | <0.001 | <0.001 | <0.001 | <0.01 | <0.01 | <0.001 | <0.001 | <0.01 | <0.01 | <0.01 | <0.01 | <0.001 | <0.001 |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |

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PHONE (604) 253-3158

**Client:** **Mincord Exploration Consultants Ltd.**
110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: January 22, 2018



# QUALITY CONTROL REPORT VAN17002722.3

| | Method | AQ370 | FA530 | AR404 |
|---|---|---|---|---|
| | Analyte | S | Ag | Pb |
| | Unit | % | gm/t | % |
| | MDL | 0.05 | 20 | 0.01 |
| Pulp Duplicates | | | | |
| 2586705 | Rock | 4.53 | 2041 | |
| REP 2586705 | QC | | 2072 | |
| 2586707 | Rock | 7.59 | 1007 | 6.59 |
| REP 2586707 | QC | | | 6.59 |
| Reference Materials | | | | |
| STD AGPROOF | Standard | | 94 | |
| STD CDN-ME-9A | Standard | 3.39 | | |
| STD CDN-ME-14A | Standard | 16.52 | | |
| STD DS11 | Standard | | | |
| STD OREAS132A | Standard | | | 3.64 |
| STD OREAS134B | Standard | | | 13.49 |
| STD OXC129 | Standard | | | |
| STD SP49 | Standard | | 61 | |
| STD SQ70 | Standard | | 167 | |
| STD OXC129 Expected | | | | |
| STD DS11 Expected | | | | |
| STD CDN-ME-9A Expected | | 3.34 | | |
| STD CDN-ME-14A Expected | | 16.52 | | |
| STD AGPROOF Expected | | | 94 | |
| STD SP49 Expected | | | 60.2 | |
| STD SQ70 Expected | | | 159.5 | |
| STD OREAS132A Expected | | | | 3.66 |
| STD OREAS134B Expected | | | | 13.36 |
| BLK | Blank | | | |
| BLK | Blank | <0.05 | | |
| BLK | Blank | | <20 | |
| BLK | Blank | | | <0.01 |
| Prep Wash | | | | |

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Project: Lustdust
Report Date: January 22, 2018



# QUALITY CONTROL REPORT VAN17002722.3

| | | WGHT | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P |
| | | kg | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % |
| | | 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 |
| ROCK-VAN | Prep Blank | | 1.1 | 2.2 | 1.0 | 40 | <0.1 | 1.1 | 3.9 | 609 | 1.76 | 2.3 | 2.2 | 1.9 | 25 | <0.1 | <0.1 | <0.1 | 17 | 0.73 | 0.037 |
| ROCK-VAN | Prep Blank | | 1.7 | 2.3 | 1.1 | 40 | <0.1 | 0.9 | 3.5 | 622 | 1.79 | 1.6 | 1.6 | 1.9 | 31 | <0.1 | <0.1 | <0.1 | 20 | 0.64 | 0.043 |

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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: January 22, 2018



# QUALITY CONTROL REPORT VAN17002722.3

| | | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ370 | AQ370 | AQ370 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | Mo | Cu | Pb |
| | | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | % | % | % |
| | | 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 | 0.001 | 0.001 | 0.01 |
| ROCK-VAN | Prep Blank | 7 | 3 | 0.51 | 55 | 0.070 | 2 | 0.99 | 0.083 | 0.10 | <0.1 | <0.01 | 3.2 | <0.1 | 0.06 | 4 | <0.5 | <0.2 | | | |
| ROCK-VAN | Prep Blank | 6 | 3 | 0.51 | 53 | 0.074 | 2 | 0.97 | 0.086 | 0.08 | <0.1 | <0.01 | 2.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | | | |

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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: January 22, 2018



# QUALITY CONTROL REPORT VAN17002722.3

| | | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 | AQ370 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Zn | Ag | Ni | Co | Mn | Fe | As | Sr | Cd | Sb | Bi | Ca | P | Cr | Mg | Al | Na | K | W | Hg |
| | | % | ppm | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| | | 0.01 | 2 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 | 0.001 | 0.01 | 0.01 | 0.001 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.001 |
| ROCK-VAN | Prep Blank | | | | | | | | | | | | | | | | | | | | |
| ROCK-VAN | Prep Blank | | | | | | | | | | | | | | | | | | | | |

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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: January 22, 2018



# QUALITY CONTROL REPORT VAN17002722.3

| | | AQ370 | FA530 | AR404 |
|---|---|---|---|---|
| | | S | Ag | Pb |
| | | % | gm/t | % |
| | | 0.05 | 20 | 0.01 |
| ROCK-VAN | Prep Blank | | | |
| ROCK-VAN | Prep Blank | | | |

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PHONE (604) 253-3158

**Client:** **Mincord Exploration Consultants Ltd.**
110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7 Canada

Submitted By: Bob Johnston
Receiving Lab: Canada-Vancouver
Received: October 25, 2017
Report Date: December 06, 2017


# CERTIFICATE OF ANALYSIS VAN17002507.1

## CLIENT JOB INFORMATION

Project: Lustdust
Shipment ID: Idc 17-01
P.O. Number
Number of Samples: 144

## 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 | 138 | Crush, split and pulverize 250 g rock to 200 mesh | | | VAN |
| PUL85 | 3 | Pulverize to 85% passing 200 mesh | | | VAN |
| SLBHP | 3 | Sort, label and box pulps | | | VAN |
| FA330 | 29 | Fire assay fusion Au Pt Pd by ICP-ES | 30 | Completed | VAN |
| EN002 | 29 | Environmental disposal charge-Fire assay lead waste | | | VAN |
| AQ201 | 144 | 1:1:1 Aqua Regia digestion ICP-MS analysis | 15 | Completed | VAN |
| AQ370 | 7 | 1:1:1 Aqua Regia digestion ICP-ES analysis | 0.4 | Completed | VAN |

## ADDITIONAL COMMENTS

Invoice To: Mincord Exploration Consultants Ltd.
110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7
Canada

CC: Bill Morton
Glen Garratt

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:** **Mincord Exploration Consultants Ltd.**
110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: December 06, 2017



# CERTIFICATE OF ANALYSIS VAN17002507.1

| | 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 |
| 2598001 | Drill Core | 3.33 | | | | 2.2 | 110.3 | 13.7 | 34 | 0.3 | 4.0 | 5.1 | 204 | 2.31 | 5.3 | 9.8 | 16.8 | 45 | 0.2 | 2.7 | 1.4 |
| 2598002 | Drill Core | 5.69 | | | | 1.9 | 58.6 | 5.1 | 35 | 0.1 | 3.0 | 5.9 | 274 | 2.34 | 5.3 | 12.1 | 15.9 | 60 | 0.1 | 2.3 | 1.4 |
| 2598003 | Drill Core | 6.22 | | | | 2.0 | 116.2 | 5.0 | 29 | 0.2 | 3.2 | 6.9 | 238 | 2.62 | 4.7 | 9.0 | 16.8 | 65 | <0.1 | 2.4 | 2.0 |
| 2598004 | Drill Core | 4.83 | | | | 3.3 | 17.6 | 12.7 | 49 | 0.2 | 7.8 | 7.0 | 315 | 2.47 | 7.6 | 8.5 | 14.6 | 68 | 0.3 | 1.7 | 1.6 |
| 2598005 | Drill Core | 1.43 | | | | 2.1 | 55.4 | 7.8 | 40 | 0.2 | 10.5 | 6.3 | 387 | 2.00 | 10.2 | 13.3 | 11.3 | 60 | 0.2 | 1.9 | 0.8 |
| 2598006 | Drill Core | 5.28 | | | | 11.1 | 135.7 | 45.0 | 91 | 0.8 | 30.0 | 8.6 | 521 | 1.72 | 40.7 | 39.0 | 4.7 | 51 | 0.7 | 4.0 | 3.2 |
| 2598007 | Drill Core | 5.29 | | | | 13.6 | 148.2 | 117.1 | 456 | 1.7 | 31.5 | 8.9 | 121 | 1.76 | 59.3 | 23.8 | 4.5 | 27 | 4.5 | 9.9 | 1.0 |
| 2598008 | Drill Core | 4.26 | | | | 13.3 | 125.4 | 594.5 | 949 | 1.8 | 33.0 | 9.5 | 124 | 1.74 | 70.2 | 22.2 | 3.5 | 21 | 11.7 | 10.4 | 0.6 |
| 2598009 | Drill Core | 5.00 | | | | 5.8 | 71.7 | 3.4 | 22 | 0.2 | 30.6 | 7.7 | 148 | 1.73 | 40.0 | 20.4 | 4.0 | 21 | 0.2 | 2.8 | 0.4 |
| 2598010 | Drill Core | 0.64 | | | | 4.8 | 148.7 | 12.1 | 40 | 0.5 | 28.6 | 8.5 | 117 | 1.71 | 22.5 | 18.7 | 3.8 | 17 | 0.2 | 2.1 | 0.5 |
| 2598011 | Drill Core | 4.23 | | | | 11.7 | 244.6 | 16.6 | 27 | 0.5 | 33.4 | 9.5 | 200 | 1.61 | 40.6 | 34.9 | 4.8 | 31 | 0.2 | 4.2 | 0.6 |
| 2598012 | Drill Core | 5.62 | | | | 7.9 | 76.1 | 164.7 | 138 | 0.6 | 43.7 | 13.9 | 152 | 0.91 | 59.4 | 6.0 | 4.2 | 27 | 1.1 | 4.7 | 0.3 |
| 2598013 | Drill Core | 4.68 | | | | 7.7 | 94.1 | 52.7 | 137 | 0.8 | 20.7 | 4.1 | 228 | 1.04 | 13.0 | 2.9 | 5.3 | 35 | 1.0 | 8.7 | 0.4 |
| 2598014 | Drill Core | 4.45 | | | | 10.2 | 205.9 | 54.1 | 81 | 0.6 | 30.4 | 9.9 | 716 | 1.15 | 121.1 | 16.9 | 5.5 | 48 | 0.5 | 27.2 | 0.7 |
| 2598015 | Drill Core | 2.35 | | | | 22.9 | 481.3 | 47.5 | 91 | 1.2 | 24.2 | 7.7 | 1068 | 1.81 | 95.8 | 21.4 | 6.2 | 61 | 0.7 | 38.4 | 2.0 |
| 2598016 | Drill Core | 5.78 | | | | 1.9 | 74.7 | 47.7 | 153 | 0.9 | 10.8 | 6.2 | 673 | 2.18 | 114.7 | 31.3 | 12.9 | 80 | 1.3 | 6.0 | 3.1 |
| 2598017 | Drill Core | 4.78 | | | | 1.7 | 107.4 | 206.2 | 369 | 1.9 | 8.4 | 5.4 | 713 | 2.32 | 60.0 | 35.1 | 14.0 | 85 | 3.4 | 12.7 | 4.0 |
| 2598018 | Drill Core | 3.77 | | | | 1.9 | 66.8 | 21.2 | 42 | 0.3 | 3.0 | 4.5 | 379 | 2.15 | 14.0 | 15.5 | 17.3 | 130 | 0.3 | 4.4 | 3.0 |
| 2598019 | Drill Core | 5.28 | | | | 2.2 | 46.7 | 12.4 | 28 | 0.3 | 3.1 | 5.3 | 684 | 2.28 | 38.8 | 24.2 | 17.4 | 97 | 0.2 | 4.7 | 3.2 |
| 2598020 | Rock Pulp | 0.04 | | | | 7.0 | 65.6 | 19.6 | 103 | 2.3 | 15.5 | 8.3 | 143 | 3.06 | 356.7 | 1027.4 | 0.5 | 6 | 0.3 | 26.8 | 0.3 |
| 2598021 | Drill Core | 5.87 | | | | 2.7 | 58.9 | 57.4 | 130 | 0.8 | 5.1 | 8.8 | 936 | 2.68 | 53.5 | 22.1 | 16.2 | 81 | 0.9 | 10.4 | 3.1 |
| 2598022 | Drill Core | 6.21 | | | | 1.2 | 64.6 | 21.0 | 52 | 0.3 | 4.9 | 4.5 | 603 | 2.14 | 22.9 | 12.5 | 16.0 | 118 | 0.4 | 7.7 | 3.0 |
| 2598023 | Drill Core | 5.62 | | | | 3.2 | 138.5 | 10.0 | 35 | 0.4 | 5.5 | 5.4 | 505 | 2.63 | 38.0 | 16.0 | 15.2 | 194 | 0.2 | 18.8 | 2.2 |
| 2598024 | Drill Core | 5.71 | | | | 2.0 | 61.2 | 12.7 | 30 | 0.3 | 5.8 | 4.6 | 1119 | 2.17 | 35.1 | 22.3 | 15.0 | 103 | 0.2 | 9.5 | 2.5 |
| 2598025 | Drill Core | 5.61 | | | | 0.5 | 85.6 | 13.9 | 35 | 0.4 | 6.3 | 5.4 | 1836 | 2.19 | 228.5 | 461.4 | 15.3 | 83 | 0.2 | 16.8 | 2.2 |
| 2598026 | Drill Core | 6.38 | | | | 11.2 | 152.0 | 113.4 | 181 | 1.3 | 25.4 | 7.9 | 556 | 1.62 | 58.2 | 74.4 | 5.0 | 54 | 2.1 | 13.6 | 1.9 |
| 2598027 | Drill Core | 5.88 | | | | 266.5 | 334.3 | 10.4 | 51 | 1.0 | 31.6 | 15.8 | 578 | 2.41 | 93.1 | 104.9 | 3.8 | 43 | 0.8 | 8.4 | 2.7 |
| 2598028 | Drill Core | 2.66 | | | | 13.5 | 173.2 | 77.7 | 243 | 1.2 | 23.3 | 8.3 | 242 | 1.11 | 45.4 | 33.4 | 4.8 | 49 | 2.6 | 4.7 | 0.9 |
| 2598029 | Drill Core | 0.85 | 34 | <3 | <2 | 5.2 | 78.4 | 371.1 | 739 | 2.7 | 26.5 | 8.4 | 657 | 1.63 | 31.7 | 30.7 | 4.2 | 127 | 10.0 | 5.1 | 1.8 |
| 2598030 | Drill Core | 2.93 | 107 | <3 | 2 | 549.7 | 357.3 | 94.1 | 183 | 1.0 | 4.4 | 8.4 | 2196 | 11.67 | 352.3 | 178.6 | 0.7 | 48 | 2.6 | 2.6 | 3.5 |

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Project: Lustdust
Report Date: December 06, 2017



# CERTIFICATE OF ANALYSIS VAN17002507.1

| | 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 | 2 | 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 |
| 2598001 | Drill Core | 24 | 1.18 | 0.112 | 57 | 3 | 0.48 | 52 | 0.005 | 2 | 0.55 | 0.025 | 0.09 | <0.1 | <0.01 | 3.6 | <0.1 | 1.95 | 3 | <0.5 | 0.4 |
| 2598002 | Drill Core | 30 | 1.57 | 0.114 | 51 | 3 | 0.59 | 59 | 0.005 | 1 | 0.67 | 0.026 | 0.07 | <0.1 | <0.01 | 4.2 | <0.1 | 1.88 | 4 | <0.5 | 0.6 |
| 2598003 | Drill Core | 24 | 1.62 | 0.110 | 53 | 2 | 0.56 | 52 | 0.004 | 1 | 0.57 | 0.026 | 0.08 | <0.1 | <0.01 | 3.9 | <0.1 | 2.32 | 3 | 0.8 | 0.6 |
| 2598004 | Drill Core | 29 | 1.65 | 0.110 | 45 | 9 | 0.65 | 79 | 0.020 | 1 | 0.62 | 0.031 | 0.10 | 0.2 | <0.01 | 4.1 | <0.1 | 1.70 | 3 | 0.5 | 0.5 |
| 2598005 | Drill Core | 34 | 1.72 | 0.117 | 36 | 13 | 0.64 | 56 | 0.019 | <1 | 0.61 | 0.026 | 0.08 | 0.2 | <0.01 | 4.4 | 0.1 | 1.24 | 3 | <0.5 | <0.2 |
| 2598006 | Drill Core | 47 | 1.68 | 0.040 | 12 | 22 | 0.75 | 120 | 0.048 | 2 | 0.90 | 0.058 | 0.31 | 0.1 | 0.01 | 6.9 | 0.4 | 0.57 | 4 | 0.8 | 1.5 |
| 2598007 | Drill Core | 49 | 0.83 | 0.040 | 10 | 24 | 0.70 | 113 | 0.046 | 2 | 0.90 | 0.028 | 0.47 | 0.2 | 0.07 | 6.3 | 0.6 | 0.82 | 4 | 1.3 | 0.4 |
| 2598008 | Drill Core | 41 | 0.61 | 0.024 | 6 | 27 | 0.80 | 164 | 0.064 | 1 | 1.17 | 0.019 | 0.67 | 0.2 | 0.14 | 5.9 | 0.9 | 0.74 | 5 | 2.2 | <0.2 |
| 2598009 | Drill Core | 52 | 0.59 | 0.025 | 7 | 33 | 0.82 | 314 | 0.090 | 1 | 1.35 | 0.030 | 0.77 | 0.1 | <0.01 | 7.6 | 0.9 | 0.30 | 5 | 0.9 | <0.2 |
| 2598010 | Drill Core | 56 | 0.47 | 0.024 | 6 | 31 | 0.81 | 168 | 0.076 | 2 | 1.29 | 0.015 | 0.76 | 0.5 | 0.01 | 7.1 | 0.8 | 0.58 | 5 | 1.6 | <0.2 |
| 2598011 | Drill Core | 46 | 1.00 | 0.040 | 15 | 21 | 0.70 | 100 | 0.037 | 3 | 0.77 | 0.030 | 0.40 | 0.2 | 0.01 | 6.0 | 0.5 | 1.04 | 3 | 1.8 | 0.2 |
| 2598012 | Drill Core | 37 | 0.80 | 0.028 | 4 | 19 | 0.65 | 117 | 0.029 | 2 | 0.74 | 0.022 | 0.45 | 0.2 | 0.05 | 5.8 | 0.5 | 0.42 | 3 | 0.6 | <0.2 |
| 2598013 | Drill Core | 16 | 1.08 | 0.040 | 4 | 9 | 0.53 | 44 | 0.004 | 2 | 0.41 | 0.033 | 0.18 | 0.1 | 0.07 | 4.5 | 0.3 | 0.85 | 2 | <0.5 | <0.2 |
| 2598014 | Drill Core | 16 | 1.83 | 0.046 | 5 | 7 | 0.79 | 89 | 0.002 | 3 | 0.45 | 0.007 | 0.22 | 0.2 | 0.34 | 3.4 | 0.4 | 0.80 | 1 | 0.7 | 0.3 |
| 2598015 | Drill Core | 16 | 2.36 | 0.054 | 11 | 6 | 0.93 | 67 | <0.001 | 2 | 0.41 | 0.014 | 0.13 | 0.3 | 0.37 | 4.1 | 0.3 | 1.55 | 1 | 1.0 | 0.7 |
| 2598016 | Drill Core | 30 | 2.13 | 0.119 | 42 | 12 | 0.69 | 77 | 0.017 | 3 | 0.69 | 0.034 | 0.14 | 0.3 | 0.13 | 5.1 | 0.3 | 1.58 | 3 | <0.5 | 1.1 |
| 2598017 | Drill Core | 26 | 2.17 | 0.116 | 47 | 8 | 0.72 | 63 | 0.013 | 3 | 0.59 | 0.036 | 0.15 | 0.3 | 0.19 | 5.1 | 0.3 | 1.83 | 3 | 0.7 | 1.5 |
| 2598018 | Drill Core | 20 | 1.89 | 0.114 | 58 | 2 | 0.54 | 81 | 0.003 | 1 | 0.54 | 0.041 | 0.11 | 0.1 | 0.01 | 4.5 | 0.1 | 1.82 | 2 | <0.5 | 1.1 |
| 2598019 | Drill Core | 18 | 2.12 | 0.114 | 59 | 2 | 0.55 | 57 | 0.002 | 3 | 0.45 | 0.033 | 0.13 | 0.2 | 0.03 | 4.6 | 0.2 | 1.78 | 2 | <0.5 | 1.3 |
| 2598020 | Rock Pulp | 16 | 0.19 | 0.042 | 8 | 32 | 0.09 | 28 | 0.002 | 2 | 0.35 | 0.006 | 0.23 | 0.5 | 4.27 | 2.0 | 3.9 | 2.32 | 2 | 8.2 | <0.2 |
| 2598021 | Drill Core | 12 | 2.04 | 0.110 | 56 | 2 | 0.64 | 42 | <0.001 | 3 | 0.41 | 0.024 | 0.16 | 0.2 | 0.30 | 4.0 | 0.3 | 2.66 | 1 | 0.8 | 1.7 |
| 2598022 | Drill Core | 21 | 1.94 | 0.108 | 53 | 3 | 0.56 | 43 | 0.003 | 1 | 0.44 | 0.038 | 0.12 | 0.2 | 0.09 | 4.7 | 0.1 | 1.87 | 2 | 1.1 | 1.0 |
| 2598023 | Drill Core | 17 | 1.79 | 0.112 | 51 | 3 | 0.62 | 54 | 0.003 | 2 | 0.56 | 0.036 | 0.13 | 0.3 | 0.06 | 4.2 | 0.2 | 2.44 | 2 | 0.7 | 0.8 |
| 2598024 | Drill Core | 22 | 2.38 | 0.117 | 52 | 6 | 0.69 | 65 | 0.010 | 3 | 0.50 | 0.028 | 0.13 | 0.2 | 0.22 | 4.8 | 0.2 | 1.97 | 2 | <0.5 | 0.8 |
| 2598025 | Drill Core | 20 | 1.96 | 0.116 | 53 | 4 | 0.61 | 60 | 0.003 | 3 | 0.45 | 0.016 | 0.17 | 0.3 | 0.26 | 4.9 | 0.9 | 2.19 | 2 | <0.5 | 0.5 |
| 2598026 | Drill Core | 38 | 1.65 | 0.042 | 12 | 14 | 0.68 | 63 | 0.014 | 2 | 0.46 | 0.018 | 0.23 | 0.4 | 0.10 | 6.2 | 0.4 | 1.37 | 2 | 1.0 | 0.6 |
| 2598027 | Drill Core | 63 | 2.36 | 0.032 | 17 | 28 | 0.84 | 99 | 0.057 | 2 | 0.97 | 0.041 | 0.53 | 8.6 | 0.02 | 7.9 | 0.7 | 1.13 | 5 | 2.0 | 1.1 |
| 2598028 | Drill Core | 44 | 1.38 | 0.042 | 11 | 20 | 0.71 | 75 | 0.028 | 2 | 0.59 | 0.024 | 0.33 | 0.2 | 0.10 | 6.8 | 0.4 | 0.56 | 3 | 0.8 | 0.2 |
| 2598029 | Drill Core | 51 | 3.15 | 0.124 | 20 | 36 | 1.06 | 49 | 0.068 | 1 | 0.68 | 0.040 | 0.10 | 0.6 | 0.21 | 7.0 | 0.1 | 0.91 | 3 | <0.5 | 0.2 |
| 2598030 | Drill Core | 42 | 12.35 | 0.062 | 8 | 12 | 0.73 | 10 | 0.021 | 2 | 0.61 | 0.004 | 0.01 | 56.8 | 0.06 | 1.7 | <0.1 | 2.41 | 8 | 1.7 | 1.9 |

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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: December 06, 2017



# CERTIFICATE OF ANALYSIS VAN17002507.1

| | Method | AQ374 | AQ374 | AQ374 |
|---|---|---|---|---|
| | Analyte | Cu | Zn | Ag |
| | Unit | % | % | gm/t |
| | MDL | 0.001 | 0.01 | 2 |
| 2598001 | Drill Core | | | |
| 2598002 | Drill Core | | | |
| 2598003 | Drill Core | | | |
| 2598004 | Drill Core | | | |
| 2598005 | Drill Core | | | |
| 2598006 | Drill Core | | | |
| 2598007 | Drill Core | | | |
| 2598008 | Drill Core | | | |
| 2598009 | Drill Core | | | |
| 2598010 | Drill Core | | | |
| 2598011 | Drill Core | | | |
| 2598012 | Drill Core | | | |
| 2598013 | Drill Core | | | |
| 2598014 | Drill Core | | | |
| 2598015 | Drill Core | | | |
| 2598016 | Drill Core | | | |
| 2598017 | Drill Core | | | |
| 2598018 | Drill Core | | | |
| 2598019 | Drill Core | | | |
| 2598020 | Rock Pulp | | | |
| 2598021 | Drill Core | | | |
| 2598022 | Drill Core | | | |
| 2598023 | Drill Core | | | |
| 2598024 | Drill Core | | | |
| 2598025 | Drill Core | | | |
| 2598026 | Drill Core | | | |
| 2598027 | Drill Core | | | |
| 2598028 | Drill Core | | | |
| 2598029 | Drill Core | | | |
| 2598030 | Drill Core | | | |

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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: December 06, 2017



# CERTIFICATE OF ANALYSIS VAN17002507.1

| | 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 |
| 2598031 | Drill Core | 3.84 | 661 | <3 | 3 | 715.1 | 954.4 | 13.7 | 98 | 2.4 | 8.9 | 16.3 | 3226 | 12.81 | 4362.6 | 879.7 | 1.2 | 52 | 2.1 | 55.6 | 8.1 |
| 2598032 | Drill Core | 5.52 | 82 | <3 | 4 | 609.4 | 326.9 | 6.1 | 33 | 0.7 | 7.4 | 6.4 | 1902 | 9.50 | 236.3 | 72.1 | 1.8 | 35 | 1.2 | 1.4 | 5.1 |
| 2598033 | Drill Core | 2.10 | 29 | <3 | 3 | 87.8 | 91.7 | 7.3 | 40 | 0.3 | 9.7 | 3.5 | 760 | 2.71 | 87.3 | 19.6 | 2.8 | 40 | 0.4 | 1.9 | 0.9 |
| 2598034 | Drill Core | 2.03 | 118 | <3 | <2 | 35.4 | 233.2 | 5.8 | 29 | 0.5 | 7.0 | 4.7 | 2088 | 8.65 | 245.9 | 22.3 | 2.0 | 37 | 0.2 | 1.2 | 1.7 |
| 2598035 | Drill Core | 5.56 | 166 | <3 | 3 | 102.5 | 1229.2 | 8.5 | 45 | 2.1 | 28.9 | 9.3 | 411 | 1.93 | 22.4 | 210.9 | 6.2 | 47 | 0.5 | 3.0 | 1.1 |
| 2598036 | Drill Core | 4.63 | 44 | 3 | 2 | 986.6 | 329.0 | 6.2 | 34 | 0.7 | 13.9 | 3.6 | 1433 | 5.37 | 84.7 | 53.3 | 4.3 | 99 | 1.8 | 3.1 | 2.3 |
| 2598037 | Drill Core | 1.66 | 155 | <3 | <2 | 116.4 | 869.2 | 2246.4 | 2105 | 6.6 | 5.8 | 9.3 | 698 | 1.69 | 46.6 | 148.3 | 12.0 | 83 | 29.5 | 120.5 | 2.0 |
| 2598038 | Drill Core | 4.66 | 738 | <3 | <2 | 1742.1 | 8257.3 | 9.4 | 63 | 16.6 | 32.6 | 6.0 | 2248 | 14.39 | 327.1 | 1190.5 | 2.4 | 33 | 3.7 | 4.1 | 9.1 |
| 2598039 | Drill Core | 5.88 | 31 | <3 | <2 | 8.2 | 222.4 | 3.3 | 25 | 0.5 | 3.4 | 3.2 | 2409 | 12.80 | 1182.6 | 29.3 | 1.9 | 38 | 0.1 | 3.4 | 6.1 |
| 2598040 | Rock Chip | 0.62 | 3 | <3 | 3 | 0.4 | 1.4 | 3.4 | 17 | <0.1 | 2.6 | 0.4 | 102 | 0.12 | 2.0 | 5.5 | 0.2 | 247 | 0.2 | 0.9 | <0.1 |
| 2598041 | Drill Core | 5.62 | 10 | <3 | <2 | 1.4 | 10.5 | 2.7 | 17 | 0.1 | 3.1 | 3.9 | 1995 | 13.42 | 726.5 | 8.8 | 1.4 | 45 | <0.1 | 1.9 | 5.2 |
| 2598042 | Drill Core | 6.68 | 14 | <3 | <2 | 0.9 | 39.2 | 2.6 | 19 | 0.1 | 3.9 | 3.2 | 1832 | 13.12 | 838.3 | 10.8 | 1.0 | 32 | 0.1 | 2.7 | 5.1 |
| 2598043 | Drill Core | 1.67 | 20 | <3 | 2 | 1.1 | 14.0 | 4.4 | 11 | 0.2 | 14.0 | 7.6 | 1355 | 18.33 | 650.5 | 16.9 | 0.4 | 12 | <0.1 | 0.7 | 45.2 |
| 2598044 | Drill Core | 5.04 | | | | 1.4 | 13.6 | 2.9 | 16 | 0.1 | 5.3 | 3.1 | 1814 | 13.96 | 1097.2 | 6.4 | 0.7 | 19 | <0.1 | 1.5 | 22.2 |
| 2598045 | Drill Core | 5.27 | | | | 11.3 | 115.7 | 5.7 | 42 | 0.2 | 37.2 | 14.4 | 57 | 1.81 | 49.4 | 17.8 | 3.6 | 6 | 0.4 | 2.2 | 2.1 |
| 2598046 | Drill Core | 6.36 | | | | 7.9 | 84.1 | 3.3 | 36 | 0.1 | 36.6 | 13.9 | 70 | 1.68 | 42.7 | 4.2 | 3.5 | 11 | 0.2 | 1.8 | 0.7 |
| 2598047 | Drill Core | 4.36 | | | | 6.8 | 84.5 | 21.2 | 88 | 0.3 | 47.1 | 13.5 | 113 | 1.85 | 371.2 | 10.1 | 4.1 | 11 | 0.9 | 2.8 | 0.4 |
| 2598048 | Drill Core | 7.07 | | | | 11.8 | 85.5 | 3.8 | 33 | 0.1 | 35.8 | 11.2 | 93 | 2.07 | 19.4 | 3.2 | 3.1 | 12 | 0.2 | 1.5 | 0.5 |
| 2598049 | Drill Core | 6.28 | | | | 4.3 | 75.2 | 3.6 | 29 | 0.2 | 30.2 | 8.1 | 105 | 1.76 | 27.3 | 5.3 | 3.0 | 10 | 0.2 | 1.6 | 0.4 |
| 2598050 | Drill Core | 6.33 | | | | 6.2 | 80.0 | 3.6 | 33 | 0.2 | 33.5 | 9.1 | 100 | 1.72 | 48.0 | 5.7 | 3.1 | 12 | 0.2 | 1.5 | 0.5 |
| 2598051 | Drill Core | 6.79 | | | | 10.4 | 101.2 | 6.1 | 29 | 0.3 | 35.7 | 10.2 | 127 | 2.48 | 61.5 | 12.7 | 3.4 | 58 | 0.3 | 3.5 | 1.1 |
| 2598052 | Drill Core | 6.28 | | | | 12.0 | 78.1 | 3.4 | 24 | 0.1 | 38.7 | 10.7 | 73 | 1.63 | 103.0 | 4.7 | 3.4 | 23 | 0.2 | 4.2 | 1.7 |
| 2598053 | Drill Core | 6.70 | | | | 6.9 | 105.0 | 27.9 | 62 | 0.4 | 32.5 | 9.6 | 90 | 1.76 | 95.4 | 9.3 | 3.7 | 20 | 0.5 | 3.3 | 2.8 |
| 2598054 | Drill Core | 6.48 | | | | 36.6 | 114.5 | 56.0 | 111 | 0.4 | 42.3 | 9.9 | 95 | 1.92 | 159.7 | 6.4 | 4.2 | 25 | 1.1 | 3.3 | 1.2 |
| 2598055 | Drill Core | 6.62 | | | | 10.0 | 98.6 | 41.3 | 51 | 0.3 | 29.3 | 9.5 | 165 | 2.10 | 197.0 | 6.7 | 3.3 | 24 | 0.4 | 3.6 | 1.3 |
| 2598056 | Drill Core | 2.81 | | | | 7.5 | 115.5 | 135.4 | 164 | 0.9 | 33.1 | 11.9 | 100 | 2.15 | 105.4 | 11.0 | 3.8 | 25 | 1.9 | 3.6 | 7.2 |
| 2598057 | Drill Core | 1.17 | | | | 10.1 | 448.1 | 67.7 | 104 | 3.1 | 11.9 | 16.3 | 431 | 27.05 | 284.4 | 80.0 | 1.4 | 26 | 0.6 | 38.7 | >2000 |
| 2598058 | Drill Core | 7.18 | | | | <0.1 | 7.1 | 6.8 | 18 | 0.3 | 1.0 | 0.4 | 235 | 0.05 | 9.9 | 1.5 | 0.1 | 265 | 0.8 | 3.8 | 4.3 |
| 2598059 | Drill Core | 7.12 | | | | 0.1 | 2.2 | 1.0 | 25 | <0.1 | 0.3 | 0.3 | 65 | 0.04 | 3.0 | <0.5 | <0.1 | 217 | 1.2 | 0.4 | 0.6 |
| 2598060 | Rock Pulp | 0.04 | | | | 6.4 | 62.1 | 20.0 | 104 | 2.2 | 14.9 | 8.6 | 152 | 3.14 | 361.5 | 1015.5 | 0.5 | 6 | 0.3 | 26.8 | 0.4 |

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**Client:** **Mincord Exploration Consultants Ltd.**
110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: December 06, 2017



# CERTIFICATE OF ANALYSIS VAN17002507.1

| | 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 | 2 | 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 |
| 2598031 | Drill Core | 39 | 7.79 | 0.017 | 11 | 12 | 0.69 | 28 | 0.030 | 1 | 0.67 | 0.004 | 0.03 | 56.4 | 1.05 | 3.2 | 11.4 | 6.59 | 6 | 5.5 | 4.3 |
| 2598032 | Drill Core | 46 | 9.03 | 0.043 | 17 | 12 | 0.66 | 9 | 0.044 | 2 | 0.89 | 0.005 | 0.02 | 69.4 | 0.04 | 3.3 | 0.2 | 1.73 | 6 | 1.7 | 2.8 |
| 2598033 | Drill Core | 21 | 3.53 | 0.026 | 4 | 13 | 0.70 | 28 | 0.041 | 1 | 0.79 | 0.033 | 0.17 | 17.9 | 0.02 | 3.1 | 0.2 | 0.35 | 4 | <0.5 | 0.4 |
| 2598034 | Drill Core | 38 | 10.46 | 0.019 | 12 | 11 | 0.61 | 5 | 0.053 | 4 | 1.18 | 0.005 | 0.01 | 61.3 | 0.04 | 3.7 | <0.1 | 0.71 | 6 | <0.5 | 0.6 |
| 2598035 | Drill Core | 64 | 1.95 | 0.064 | 8 | 28 | 0.60 | 78 | 0.110 | <1 | 0.68 | 0.046 | 0.28 | 15.4 | 0.02 | 4.8 | 0.3 | 0.95 | 4 | 1.2 | <0.2 |
| 2598036 | Drill Core | 139 | 8.15 | 0.357 | 23 | 51 | 0.58 | 26 | 0.072 | 3 | 1.88 | 0.061 | 0.04 | 26.2 | <0.01 | 3.8 | <0.1 | 1.14 | 8 | 1.1 | 1.2 |
| 2598037 | Drill Core | 42 | 2.69 | 0.136 | 33 | 5 | 0.47 | 69 | 0.121 | 2 | 0.40 | 0.036 | 0.11 | 1.4 | 0.45 | 3.9 | 0.9 | 1.40 | 3 | 1.2 | 0.7 |
| 2598038 | Drill Core | 46 | 14.19 | 0.197 | 43 | 11 | 0.41 | 5 | 0.030 | 1 | 0.80 | 0.003 | 0.04 | >100 | 0.08 | 1.7 | <0.1 | 1.99 | 9 | 4.1 | 4.3 |
| 2598039 | Drill Core | 52 | 15.95 | 0.402 | 16 | 22 | 0.39 | 6 | 0.028 | 2 | 0.91 | 0.002 | 0.04 | 38.9 | 0.09 | 2.1 | 1.4 | 1.01 | 14 | <0.5 | 3.1 |
| 2598040 | Rock Chip | 10 | 18.41 | 0.016 | 1 | 3 | 9.59 | 14 | <0.001 | 2 | 0.04 | 0.292 | 0.02 | 0.2 | <0.01 | 0.3 | <0.1 | 0.41 | <1 | <0.5 | <0.2 |
| 2598041 | Drill Core | 35 | 15.74 | 0.309 | 16 | 25 | 0.36 | 15 | 0.025 | 2 | 0.52 | 0.002 | 0.02 | 45.5 | 0.04 | 1.9 | 0.2 | 1.41 | 12 | 0.7 | 2.8 |
| 2598042 | Drill Core | 37 | 14.68 | 0.196 | 21 | 36 | 0.43 | 4 | 0.019 | 4 | 0.56 | 0.002 | 0.03 | 58.3 | 0.02 | 1.0 | 0.1 | 1.76 | 12 | 1.7 | 3.6 |
| 2598043 | Drill Core | 21 | 10.40 | 0.046 | 14 | 13 | 0.28 | 2 | 0.009 | 3 | 0.53 | 0.002 | 0.02 | 58.0 | 0.02 | 0.7 | <0.1 | 4.61 | 11 | 18.4 | 31.3 |
| 2598044 | Drill Core | 37 | 14.91 | 0.106 | 28 | 24 | 0.26 | 2 | 0.014 | 5 | 0.48 | 0.002 | 0.02 | 58.0 | 0.03 | 1.1 | <0.1 | 1.53 | 11 | 2.4 | 8.1 |
| 2598045 | Drill Core | 39 | 0.14 | 0.054 | 5 | 17 | 0.72 | 100 | 0.021 | 2 | 1.08 | 0.021 | 0.40 | 0.4 | <0.01 | 4.3 | 0.4 | 1.02 | 4 | 2.0 | 0.4 |
| 2598046 | Drill Core | 37 | 0.22 | 0.030 | 5 | 18 | 0.86 | 140 | 0.026 | 2 | 1.27 | 0.036 | 0.40 | 1.7 | <0.01 | 4.7 | 0.4 | 0.90 | 5 | 1.5 | <0.2 |
| 2598047 | Drill Core | 38 | 0.32 | 0.031 | 7 | 21 | 0.81 | 127 | 0.027 | 3 | 1.27 | 0.013 | 0.52 | 0.2 | <0.01 | 5.0 | 0.7 | 0.91 | 5 | 1.2 | 0.2 |
| 2598048 | Drill Core | 37 | 0.46 | 0.029 | 6 | 18 | 0.78 | 98 | 0.020 | 2 | 1.05 | 0.018 | 0.39 | 0.1 | <0.01 | 4.0 | 0.4 | 1.12 | 4 | 1.5 | 0.2 |
| 2598049 | Drill Core | 32 | 0.36 | 0.030 | 6 | 17 | 0.80 | 143 | 0.025 | 2 | 1.07 | 0.023 | 0.37 | <0.1 | <0.01 | 4.9 | 0.4 | 0.83 | 4 | 0.8 | 0.2 |
| 2598050 | Drill Core | 38 | 0.41 | 0.032 | 7 | 18 | 0.81 | 179 | 0.034 | 2 | 1.11 | 0.024 | 0.43 | 0.1 | <0.01 | 4.8 | 0.4 | 0.69 | 5 | 0.8 | <0.2 |
| 2598051 | Drill Core | 42 | 1.32 | 0.059 | 5 | 20 | 0.61 | 85 | 0.076 | 3 | 2.04 | 0.142 | 0.29 | 0.4 | <0.01 | 4.4 | 0.2 | 1.50 | 7 | 2.0 | 0.5 |
| 2598052 | Drill Core | 55 | 0.50 | 0.046 | 7 | 20 | 0.80 | 164 | 0.027 | 2 | 1.12 | 0.058 | 0.43 | 0.2 | <0.01 | 5.5 | 0.5 | 0.76 | 5 | 1.4 | 0.7 |
| 2598053 | Drill Core | 36 | 0.63 | 0.064 | 8 | 18 | 0.80 | 139 | 0.023 | 2 | 0.97 | 0.021 | 0.43 | 0.4 | <0.01 | 5.0 | 0.6 | 0.93 | 5 | 1.4 | 0.6 |
| 2598054 | Drill Core | 57 | 0.60 | 0.038 | 8 | 20 | 0.74 | 145 | 0.016 | 3 | 0.94 | 0.035 | 0.43 | 0.3 | 0.01 | 4.6 | 0.5 | 0.95 | 4 | 2.1 | 0.4 |
| 2598055 | Drill Core | 35 | 0.76 | 0.040 | 6 | 17 | 0.82 | 103 | 0.018 | 4 | 0.95 | 0.020 | 0.41 | 8.2 | <0.01 | 4.7 | 0.5 | 1.09 | 4 | 1.4 | 0.4 |
| 2598056 | Drill Core | 37 | 0.93 | 0.037 | 6 | 17 | 0.78 | 70 | 0.022 | 5 | 1.21 | 0.032 | 0.45 | 0.4 | 0.01 | 4.8 | 0.5 | 1.30 | 5 | 2.7 | 2.3 |
| 2598057 | Drill Core | 29 | 2.79 | 0.075 | 18 | 13 | 0.40 | 12 | 0.045 | 1 | 0.71 | 0.021 | 0.16 | >100 | <0.01 | 2.7 | 0.6 | >10 | 6 | 76.1 | 167.2 |
| 2598058 | Drill Core | 5 | 33.96 | 0.020 | 4 | 7 | 1.68 | 34 | <0.001 | 1 | 0.01 | <0.001 | <0.01 | 0.5 | <0.01 | 0.3 | <0.1 | <0.05 | <1 | <0.5 | 0.2 |
| 2598059 | Drill Core | 9 | 36.46 | 0.063 | 4 | 7 | 1.84 | 45 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | 0.1 | <0.01 | 0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| 2598060 | Rock Pulp | 18 | 0.20 | 0.039 | 8 | 30 | 0.09 | 27 | 0.002 | 4 | 0.38 | 0.005 | 0.24 | 0.5 | 4.33 | 1.9 | 4.0 | 2.32 | 2 | 8.1 | <0.2 |

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| | Method | AQ374 | AQ374 | AQ374 |
|---|---|---|---|---|
| | Analyte | Cu | Zn | Ag |
| | Unit | % | % | gm/t |
| | MDL | 0.001 | 0.01 | 2 |
| 2598031 | Drill Core | | | |
| 2598032 | Drill Core | | | |
| 2598033 | Drill Core | | | |
| 2598034 | Drill Core | | | |
| 2598035 | Drill Core | | | |
| 2598036 | Drill Core | | | |
| 2598037 | Drill Core | | | |
| 2598038 | Drill Core | | | |
| 2598039 | Drill Core | | | |
| 2598040 | Rock Chip | | | |
| 2598041 | Drill Core | | | |
| 2598042 | Drill Core | | | |
| 2598043 | Drill Core | | | |
| 2598044 | Drill Core | | | |
| 2598045 | Drill Core | | | |
| 2598046 | Drill Core | | | |
| 2598047 | Drill Core | | | |
| 2598048 | Drill Core | | | |
| 2598049 | Drill Core | | | |
| 2598050 | Drill Core | | | |
| 2598051 | Drill Core | | | |
| 2598052 | Drill Core | | | |
| 2598053 | Drill Core | | | |
| 2598054 | Drill Core | | | |
| 2598055 | Drill Core | | | |
| 2598056 | Drill Core | | | |
| 2598057 | Drill Core | | | |
| 2598058 | Drill Core | | | |
| 2598059 | Drill Core | | | |
| 2598060 | Rock Pulp | | | |

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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PHONE (604) 253-3158

**Client:** **Mincord Exploration Consultants Ltd.**
110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: December 06, 2017



# CERTIFICATE OF ANALYSIS VAN17002507.1

| | 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 |
| 2598061 | Drill Core | 7.16 | | | | 0.3 | 44.6 | 3.0 | 75 | 0.2 | 1.2 | 1.0 | 108 | 0.08 | 2.9 | <0.5 | <0.1 | 202 | 2.1 | 1.3 | 5.0 |
| 2598062 | Drill Core | 7.27 | | | | 0.2 | 13.0 | 2.5 | 119 | 0.2 | 1.8 | 0.3 | 45 | 0.04 | 15.2 | <0.5 | <0.1 | 235 | 2.8 | 0.8 | 3.6 |
| 2598063 | Drill Core | 7.02 | | | | 0.1 | 1.7 | 0.7 | 10 | <0.1 | 1.9 | 0.6 | 100 | 0.03 | 2.7 | <0.5 | <0.1 | 246 | 1.4 | 0.3 | 0.1 |
| 2598064 | Drill Core | 6.61 | | | | <0.1 | 2.7 | 1.5 | 9 | <0.1 | 1.5 | 0.3 | 110 | 0.02 | 2.9 | <0.5 | <0.1 | 204 | 0.9 | 0.4 | <0.1 |
| 2598065 | Drill Core | 6.51 | | | | 0.3 | 12.4 | 3.7 | 47 | 0.2 | 1.3 | 0.4 | 265 | 0.04 | 12.5 | 1.8 | <0.1 | 271 | 1.0 | 1.3 | 1.0 |
| 2598066 | Drill Core | 6.88 | | | | 0.3 | 3.4 | 1.0 | 14 | <0.1 | 2.2 | 0.5 | 33 | 0.05 | 7.7 | <0.5 | <0.1 | 233 | 1.2 | 2.1 | 0.4 |
| 2598067 | Drill Core | 4.02 | | | | 0.5 | 4.0 | 1.6 | 31 | <0.1 | 2.4 | 0.5 | 91 | 0.06 | 5.8 | <0.5 | 0.1 | 271 | 1.9 | 2.1 | 0.1 |
| 2598068 | Drill Core | 2.38 | | | | 0.2 | 7.2 | 34.3 | 168 | 1.3 | 2.1 | 1.3 | 5461 | 0.24 | 199.3 | 11.9 | <0.1 | 282 | 1.4 | 47.8 | 0.4 |
| 2598069 | Drill Core | 5.41 | | | | 0.2 | 24.3 | 3.2 | 37 | 0.1 | 1.2 | 0.4 | 176 | 0.04 | 10.4 | 0.7 | <0.1 | 224 | 1.0 | 2.2 | 2.9 |
| 2598070 | Drill Core | 5.31 | | | | 0.2 | 342.7 | 3.2 | 957 | 1.2 | 1.8 | 4.0 | 136 | 0.20 | 12.0 | 16.5 | 0.1 | 238 | 11.9 | 3.3 | 6.8 |
| 2598071 | Drill Core | 3.50 | | | | 0.5 | 7.6 | 82.8 | 141 | 0.4 | 1.1 | 0.6 | 1321 | 0.20 | 40.5 | 1.2 | 0.2 | 300 | 3.1 | 6.3 | 0.1 |
| 2598072 | Drill Core | 4.94 | | | | 0.3 | 25.8 | 178.7 | 619 | 0.8 | 1.2 | 1.4 | 861 | 0.28 | 117.7 | 8.4 | <0.1 | 235 | 19.5 | 99.4 | 1.6 |
| 2598073 | Drill Core | 6.02 | | | | 0.7 | 80.0 | 69.9 | 756 | 0.8 | 0.5 | 2.3 | 1123 | 2.30 | 242.9 | 3.5 | 0.3 | 171 | 33.4 | 235.4 | 0.4 |
| 2598074 | Drill Core | 1.90 | 338 | <3 | <2 | 3.3 | 2219.3 | 6.2 | 270 | 8.9 | 12.8 | 56.0 | 1617 | 19.30 | 559.5 | 290.9 | 0.3 | 9 | 2.0 | 10.3 | 6.7 |
| 2598075 | Drill Core | 5.21 | 285 | <3 | 7 | 0.3 | 4179.9 | 23.0 | 277 | 13.0 | 39.1 | 269.7 | 1097 | 31.45 | 137.8 | 236.0 | 0.5 | 4 | 2.2 | 3.7 | 69.3 |
| 2598076 | Drill Core | 3.36 | 263 | 3 | 2 | 2.6 | 796.4 | 5.6 | 303 | 3.0 | 10.2 | 31.9 | 1423 | 10.66 | 191.1 | 242.7 | 3.5 | 12 | 1.5 | 14.6 | 5.6 |
| 2598077 | Drill Core | 1.49 | 2105 | 4 | 11 | 0.6 | >10000 | 87.5 | 461 | 61.6 | 134.0 | 276.2 | 1532 | 30.92 | 654.8 | 1388.2 | 0.2 | 13 | 4.6 | 7.2 | 80.4 |
| 2598078 | Drill Core | 2.18 | 1801 | <3 | 5 | 5.7 | 2399.0 | 4181.6 | >10000 | >100 | 17.1 | 144.7 | 1204 | 28.50 | 4801.1 | 161.4 | 0.1 | 11 | 152.2 | >2000 | 839.9 |
| 2598079 | Drill Core | 2.61 | 1566 | <3 | <2 | 1.1 | 2674.6 | 4064.6 | >10000 | >100 | 15.5 | 231.2 | 961 | 28.60 | 3690.1 | 378.5 | 0.3 | 7 | 366.6 | 483.2 | 201.1 |
| 2598080 | Drill Core | 1.07 | | | | 0.7 | 5513.1 | 5423.9 | >10000 | >100 | 50.7 | 187.6 | 688 | 30.70 | 5082.2 | 94.6 | 0.4 | 9 | 175.6 | 421.9 | 519.6 |
| 2598081 | Drill Core | 6.19 | 623 | <3 | 3 | 0.4 | 5182.7 | 16.9 | 348 | 21.0 | 48.3 | 28.0 | 1365 | 12.96 | 122.8 | 468.0 | 2.0 | 13 | 2.7 | 17.7 | 37.8 |
| 2598082 | Drill Core | 6.70 | | | | 0.2 | 69.4 | 8.0 | 68 | 0.3 | 2.4 | 16.9 | 112 | 0.47 | 10.0 | 2.4 | 0.1 | 306 | 1.1 | 7.6 | 47.1 |
| 2598083 | Drill Core | 6.74 | | | | 0.3 | 24.6 | 23.3 | 47 | 0.5 | 0.3 | 0.7 | 164 | 0.07 | 12.4 | 1.1 | <0.1 | 253 | 1.3 | 4.8 | 2.9 |
| 2598084 | Drill Core | 6.49 | | | | 0.1 | 2.3 | 1.3 | 9 | <0.1 | 0.7 | 0.4 | 68 | 0.03 | 2.0 | 0.6 | <0.1 | 329 | 1.1 | 0.7 | 0.2 |
| 2598085 | Drill Core | 5.34 | | | | <0.1 | 3.6 | 1.4 | 13 | <0.1 | 1.2 | 0.5 | 118 | 0.17 | 12.6 | <0.5 | 0.1 | 135 | 0.3 | 2.4 | <0.1 |
| 2598086 | Drill Core | 6.29 | | | | <0.1 | 1.9 | 1.9 | 22 | <0.1 | 3.5 | 0.3 | 119 | 0.16 | 15.9 | <0.5 | 0.1 | 137 | 0.4 | 3.0 | <0.1 |
| 2598087 | Drill Core | 5.23 | | | | 0.7 | 3.2 | 2.1 | 25 | <0.1 | 2.3 | 0.6 | 200 | 0.21 | 14.4 | 1.6 | 0.2 | 232 | 0.7 | 2.2 | <0.1 |
| 2598088 | Drill Core | 1.83 | | | | 6.0 | 62.3 | 19.7 | 99 | 0.3 | 23.6 | 8.2 | 436 | 1.96 | 43.7 | <0.5 | 3.1 | 77 | 0.9 | 3.1 | 0.3 |
| 2598089 | Drill Core | 2.75 | | | | 5.1 | 73.8 | 12.7 | 91 | 0.2 | 26.2 | 9.9 | 494 | 2.23 | 20.7 | 0.6 | 3.7 | 33 | 0.5 | 2.0 | 0.3 |
| 2598090 | Drill Core | 4.90 | | | | 7.6 | 72.7 | 14.9 | 99 | 0.3 | 26.9 | 11.3 | 460 | 2.73 | 24.8 | 0.6 | 3.5 | 65 | 0.6 | 1.8 | 0.4 |

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Project: Lustdust
Report Date: December 06, 2017



# CERTIFICATE OF ANALYSIS VAN17002507.1

| | 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 | 2 | 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 |
| 2598061 | Drill Core | 9 | 35.98 | 0.026 | 5 | 7 | 2.53 | 40 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | 2.2 | 0.02 | 0.2 | <0.1 | <0.05 | <1 | <0.5 | 0.3 |
| 2598062 | Drill Core | 9 | 37.90 | 0.065 | 6 | 11 | 0.57 | 58 | <0.001 | <1 | 0.02 | 0.001 | 0.02 | <0.1 | <0.01 | 0.3 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| 2598063 | Drill Core | 12 | 37.41 | 0.061 | 4 | 12 | 0.46 | 59 | <0.001 | <1 | 0.02 | 0.001 | 0.02 | <0.1 | <0.01 | 0.2 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| 2598064 | Drill Core | 12 | 31.15 | 0.059 | 4 | 9 | 0.39 | 39 | <0.001 | <1 | <0.01 | <0.001 | 0.01 | <0.1 | <0.01 | 0.2 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| 2598065 | Drill Core | 13 | 37.06 | 0.196 | 5 | 10 | 1.35 | 42 | 0.001 | <1 | 0.01 | <0.001 | 0.01 | <0.1 | 0.01 | 0.2 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| 2598066 | Drill Core | 20 | 34.96 | 0.161 | 7 | 12 | 1.51 | 55 | 0.002 | <1 | 0.03 | 0.001 | 0.02 | <0.1 | <0.01 | 0.3 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| 2598067 | Drill Core | 28 | 38.59 | 0.020 | 5 | 15 | 0.48 | 46 | 0.003 | <1 | 0.07 | <0.001 | 0.05 | <0.1 | 0.01 | 0.4 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| 2598068 | Drill Core | 11 | 34.53 | 0.024 | 5 | 6 | 0.52 | 153 | <0.001 | <1 | 0.01 | <0.001 | <0.01 | 3.7 | 0.09 | 0.3 | 0.2 | <0.05 | <1 | <0.5 | <0.2 |
| 2598069 | Drill Core | 17 | 34.66 | 0.044 | 5 | 9 | 0.77 | 28 | 0.001 | 1 | 0.04 | <0.001 | 0.05 | <0.1 | 0.01 | 0.3 | <0.1 | <0.05 | <1 | <0.5 | 0.6 |
| 2598070 | Drill Core | 18 | 35.55 | 0.038 | 4 | 12 | 0.38 | 31 | 0.002 | <1 | 0.06 | <0.001 | 0.07 | 0.3 | 0.01 | 0.3 | <0.1 | 0.16 | <1 | 0.8 | 3.0 |
| 2598071 | Drill Core | 28 | 36.45 | 0.040 | 4 | 16 | 0.54 | 40 | 0.005 | 1 | 0.15 | 0.002 | 0.09 | <0.1 | 0.03 | 0.5 | <0.1 | 0.14 | <1 | 0.6 | <0.2 |
| 2598072 | Drill Core | 12 | 37.21 | 0.028 | 5 | 9 | 0.29 | 48 | <0.001 | <1 | 0.04 | <0.001 | 0.05 | 0.7 | 0.03 | 0.3 | <0.1 | <0.05 | <1 | <0.5 | 0.7 |
| 2598073 | Drill Core | 8 | 33.56 | 0.077 | 6 | 7 | 0.35 | 56 | 0.001 | <1 | 0.10 | <0.001 | 0.04 | 29.5 | 0.04 | 0.7 | 0.1 | 0.07 | 3 | <0.5 | <0.2 |
| 2598074 | Drill Core | 31 | 8.91 | 0.129 | 4 | 13 | 0.28 | 8 | 0.004 | 3 | 0.55 | 0.001 | 0.02 | >100 | 0.05 | 0.7 | 0.2 | 3.11 | 4 | 5.8 | 1.2 |
| 2598075 | Drill Core | 19 | 2.72 | 0.189 | 2 | 22 | 0.34 | 7 | 0.005 | 4 | 0.42 | <0.001 | 0.02 | 44.1 | 0.03 | 1.1 | 0.4 | >10 | 5 | 41.2 | 33.5 |
| 2598076 | Drill Core | 23 | 12.93 | 0.172 | 8 | 18 | 0.36 | 28 | 0.020 | 1 | 0.99 | 0.002 | 0.04 | 36.9 | 0.01 | 1.9 | 0.2 | 1.04 | 9 | 3.0 | 1.3 |
| 2598077 | Drill Core | 25 | 5.55 | 0.051 | 2 | 14 | 0.26 | 7 | 0.003 | <1 | 0.24 | <0.001 | 0.02 | 89.6 | 0.26 | 2.1 | 0.4 | >10 | 3 | 83.0 | 24.3 |
| 2598078 | Drill Core | 4 | 2.95 | 0.048 | <1 | 3 | 0.05 | 2 | <0.001 | <1 | 0.05 | <0.001 | 0.02 | 7.9 | 3.13 | 0.1 | 4.3 | >10 | 2 | 27.7 | 14.5 |
| 2598079 | Drill Core | 5 | 1.29 | 0.027 | <1 | 3 | 0.14 | <1 | <0.001 | <1 | 0.07 | <0.001 | 0.04 | 8.9 | 4.78 | 0.1 | 1.0 | >10 | 3 | 29.4 | 14.8 |
| 2598080 | Drill Core | 5 | 1.37 | 0.116 | 1 | 11 | 0.11 | <1 | 0.001 | <1 | 0.08 | <0.001 | 0.03 | 3.6 | 2.76 | 0.3 | 2.3 | >10 | 2 | 29.4 | 7.8 |
| 2598081 | Drill Core | 23 | 15.79 | 0.126 | 10 | 15 | 0.23 | 8 | 0.005 | <1 | 0.84 | <0.001 | 0.04 | 42.4 | 0.01 | 1.5 | 0.3 | 1.40 | 15 | 5.4 | 0.3 |
| 2598082 | Drill Core | 20 | 36.26 | 0.070 | 5 | 13 | 0.54 | 48 | 0.004 | <1 | 0.09 | <0.001 | 0.06 | 0.2 | 0.01 | 0.4 | <0.1 | 0.42 | <1 | 1.6 | 0.2 |
| 2598083 | Drill Core | 9 | 33.94 | 0.035 | 4 | 8 | 2.48 | 55 | <0.001 | <1 | 0.02 | <0.001 | 0.03 | 0.2 | 0.01 | 0.2 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| 2598084 | Drill Core | 6 | 37.82 | 0.019 | 5 | 5 | 0.45 | 27 | <0.001 | <1 | <0.01 | <0.001 | 0.01 | <0.1 | 0.01 | 0.2 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| 2598085 | Drill Core | 6 | 32.78 | 0.019 | 14 | 16 | 2.96 | 20 | <0.001 | <1 | 0.01 | 0.002 | 0.01 | <0.1 | 0.01 | 0.2 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| 2598086 | Drill Core | 5 | 31.70 | 0.020 | 14 | 16 | 3.47 | 21 | <0.001 | <1 | 0.01 | 0.002 | 0.02 | <0.1 | 0.02 | 0.2 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| 2598087 | Drill Core | 6 | 31.60 | 0.027 | 13 | 15 | 3.17 | 72 | <0.001 | <1 | 0.02 | 0.002 | 0.03 | <0.1 | 0.03 | 0.4 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| 2598088 | Drill Core | 6 | 2.21 | 0.043 | 6 | 4 | 0.53 | 129 | <0.001 | 3 | 0.31 | 0.003 | 0.18 | <0.1 | 0.24 | 3.8 | 0.2 | 0.96 | <1 | 1.5 | <0.2 |
| 2598089 | Drill Core | 8 | 0.78 | 0.039 | 8 | 5 | 0.70 | 126 | <0.001 | 4 | 0.35 | 0.006 | 0.18 | <0.1 | 0.17 | 3.7 | 0.2 | 0.68 | <1 | 1.4 | <0.2 |
| 2598090 | Drill Core | 13 | 1.55 | 0.074 | 14 | 6 | 0.88 | 90 | 0.001 | 5 | 0.49 | 0.016 | 0.24 | <0.1 | 0.24 | 4.8 | 0.2 | 1.00 | 1 | 1.8 | <0.2 |

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110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: December 06, 2017



# CERTIFICATE OF ANALYSIS VAN17002507.1

| | Method | AQ374 | AQ374 | AQ374 |
|---|---|---|---|---|
| | Analyte | Cu | Zn | Ag |
| | Unit | % | % | gm/t |
| | MDL | 0.001 | 0.01 | 2 |
| 2598061 | Drill Core | | | |
| 2598062 | Drill Core | | | |
| 2598063 | Drill Core | | | |
| 2598064 | Drill Core | | | |
| 2598065 | Drill Core | | | |
| 2598066 | Drill Core | | | |
| 2598067 | Drill Core | | | |
| 2598068 | Drill Core | | | |
| 2598069 | Drill Core | | | |
| 2598070 | Drill Core | | | |
| 2598071 | Drill Core | | | |
| 2598072 | Drill Core | | | |
| 2598073 | Drill Core | | | |
| 2598074 | Drill Core | | | |
| 2598075 | Drill Core | | | |
| 2598076 | Drill Core | | | |
| 2598077 | Drill Core | 1.415 | 0.05 | 62 |
| 2598078 | Drill Core | 0.255 | 1.49 | 382 |
| 2598079 | Drill Core | 0.286 | 4.16 | 108 |
| 2598080 | Drill Core | 0.568 | 1.70 | 197 |
| 2598081 | Drill Core | | | |
| 2598082 | Drill Core | | | |
| 2598083 | Drill Core | | | |
| 2598084 | Drill Core | | | |
| 2598085 | Drill Core | | | |
| 2598086 | Drill Core | | | |
| 2598087 | Drill Core | | | |
| 2598088 | Drill Core | | | |
| 2598089 | Drill Core | | | |
| 2598090 | Drill Core | | | |

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**Client:** **Mincord Exploration Consultants Ltd.**
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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: December 06, 2017



# CERTIFICATE OF ANALYSIS VAN17002507.1

| | 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 |
| 2598091 | Drill Core | 5.08 | | | | 6.9 | 64.1 | 15.2 | 88 | 0.3 | 27.1 | 10.9 | 460 | 2.56 | 22.9 | <0.5 | 3.7 | 59 | 0.4 | 1.9 | 0.4 |
| 2598092 | Drill Core | 5.76 | | | | 9.7 | 75.5 | 10.6 | 93 | 0.3 | 25.0 | 9.1 | 458 | 2.22 | 12.9 | <0.5 | 2.1 | 143 | 0.7 | 1.5 | 0.2 |
| 2598093 | Drill Core | 6.28 | | | | 6.1 | 80.1 | 8.7 | 94 | 0.3 | 29.4 | 9.9 | 355 | 2.35 | 8.5 | 0.7 | 2.3 | 38 | 0.6 | 0.8 | 0.3 |
| 2598094 | Drill Core | 4.73 | | | | 6.1 | 69.0 | 7.9 | 91 | 0.3 | 24.5 | 10.0 | 554 | 2.51 | 6.3 | <0.5 | 1.9 | 50 | 0.6 | 1.1 | 0.2 |
| 2598095 | Drill Core | 2.40 | | | | 20.2 | 65.6 | 5.8 | 87 | 0.2 | 30.8 | 8.6 | 413 | 2.32 | 6.8 | <0.5 | 2.9 | 34 | 0.5 | 1.5 | 0.3 |
| 2598096 | Drill Core | 5.06 | | | | 0.1 | 2.9 | 0.7 | 9 | <0.1 | 0.4 | 0.4 | 90 | 0.07 | 1.2 | <0.5 | 0.2 | 470 | 1.0 | 0.2 | <0.1 |
| 2598097 | Drill Core | 5.12 | | | | <0.1 | 1.1 | 0.3 | 5 | <0.1 | 0.7 | 0.4 | 50 | 0.03 | <0.5 | <0.5 | 0.2 | 452 | 1.0 | <0.1 | <0.1 |
| 2598098 | Drill Core | 6.70 | | | | <0.1 | 2.1 | 0.8 | 9 | <0.1 | 1.3 | 0.4 | 43 | 0.05 | 1.4 | <0.5 | 0.2 | 438 | 0.9 | 0.2 | <0.1 |
| 2598099 | Drill Core | 5.22 | | | | 0.6 | 1.5 | 0.4 | 5 | <0.1 | 1.1 | 0.4 | 43 | 0.05 | 0.7 | <0.5 | 0.1 | 433 | 0.6 | 0.1 | <0.1 |
| 2598100 | Rock Chip | 0.85 | | | | 0.3 | 3.3 | 3.4 | 18 | <0.1 | 1.4 | 0.4 | 98 | 0.11 | 1.2 | 2.2 | 0.2 | 231 | 0.3 | 1.0 | <0.1 |
| 2598101 | Drill Core | 5.63 | | | | 4.9 | 79.8 | 9.1 | 87 | 0.2 | 28.0 | 8.6 | 340 | 2.28 | 9.4 | <0.5 | 2.6 | 32 | 0.4 | 2.0 | 0.3 |
| 2598102 | Drill Core | 6.53 | | | | 4.4 | 84.0 | 6.6 | 66 | 0.1 | 23.3 | 7.3 | 304 | 1.66 | 10.3 | <0.5 | 2.4 | 34 | 0.3 | 1.2 | 0.2 |
| 2598103 | Drill Core | 6.33 | | | | 0.6 | 66.1 | 6.0 | 52 | <0.1 | 18.5 | 5.5 | 244 | 1.65 | 7.3 | <0.5 | 2.7 | 32 | 0.1 | 0.8 | 0.2 |
| 2598104 | Drill Core | 3.96 | | | | 0.1 | 70.0 | 8.4 | 67 | <0.1 | 19.2 | 6.4 | 275 | 1.82 | 3.7 | <0.5 | 3.0 | 39 | <0.1 | 1.7 | 0.4 |
| 2598105 | Drill Core | 3.83 | | | | 0.1 | 54.5 | 5.9 | 44 | <0.1 | 17.3 | 6.5 | 272 | 1.39 | 4.5 | <0.5 | 2.0 | 39 | 0.1 | 2.1 | 0.2 |
| 2598106 | Drill Core | 5.29 | | | | 0.3 | 45.2 | 3.7 | 47 | <0.1 | 21.2 | 6.9 | 226 | 1.63 | 4.6 | <0.5 | 2.1 | 29 | <0.1 | 1.5 | 0.2 |
| 2598107 | Drill Core | 5.33 | | | | 7.4 | 73.1 | 14.8 | 99 | 0.2 | 27.7 | 8.3 | 347 | 2.11 | 12.9 | <0.5 | 2.7 | 41 | 0.6 | 2.5 | 0.3 |
| 2598108 | Drill Core | 6.10 | | | | 5.6 | 97.9 | 9.3 | 83 | 0.3 | 26.0 | 9.2 | 340 | 2.09 | 14.8 | <0.5 | 2.5 | 47 | 0.5 | 1.3 | 0.3 |
| 2598109 | Drill Core | 6.02 | | | | 5.7 | 74.5 | 6.3 | 90 | 0.3 | 24.3 | 7.5 | 302 | 2.04 | 22.3 | <0.5 | 2.4 | 47 | 0.6 | 2.4 | 0.3 |
| 2598110 | Drill Core | 5.57 | | | | 4.8 | 102.1 | 10.1 | 94 | 0.4 | 26.7 | 9.6 | 255 | 2.36 | 37.9 | <0.5 | 2.2 | 30 | 0.6 | 6.4 | 0.3 |
| 2598111 | Drill Core | 3.31 | | | | 4.3 | 60.6 | 9.8 | 76 | 0.3 | 22.4 | 7.7 | 445 | 1.82 | 114.0 | <0.5 | 2.6 | 44 | 0.5 | 11.0 | 0.2 |
| 2598112 | Drill Core | 4.25 | | | | 6.3 | 117.1 | 16.8 | 87 | 0.3 | 30.2 | 13.5 | 542 | 2.26 | 61.2 | <0.5 | 3.2 | 58 | 0.6 | 16.5 | 0.3 |
| 2598113 | Drill Core | 2.86 | | | | 1.3 | 60.2 | 12.6 | 91 | 0.2 | 27.3 | 14.2 | 450 | 2.21 | 69.3 | <0.5 | 4.5 | 74 | 0.4 | 15.0 | 0.3 |
| 2598114 | Drill Core | 5.26 | | | | 2.8 | 22.2 | 4.1 | 36 | 0.1 | 11.0 | 3.5 | 294 | 0.74 | 207.5 | <0.5 | 1.0 | 373 | 0.3 | 8.8 | <0.1 |
| 2598115 | Drill Core | 5.24 | | | | 6.5 | 56.8 | 11.8 | 79 | 0.4 | 25.5 | 9.5 | 592 | 1.83 | 115.4 | <0.5 | 2.4 | 76 | 0.6 | 18.9 | 0.2 |
| 2598116 | Drill Core | 5.73 | | | | 8.4 | 73.0 | 12.7 | 103 | 0.3 | 28.6 | 9.7 | 576 | 2.29 | 75.7 | <0.5 | 3.0 | 61 | 0.8 | 16.8 | 0.3 |
| 2598117 | Drill Core | 2.58 | | | | 8.3 | 76.1 | 11.2 | 97 | 1.1 | 27.8 | 9.4 | 557 | 2.33 | 344.1 | <0.5 | 2.9 | 40 | 0.5 | 29.8 | 0.2 |
| 2598118 | Drill Core | 2.46 | 367 | <3 | 2 | 4.3 | 120.5 | 443.2 | 699 | >100 | 23.1 | 8.4 | 533 | 2.32 | 2996.5 | 36.4 | 2.5 | 23 | 6.8 | 737.4 | 0.3 |
| 2598119 | Drill Core | 3.20 | 7995 | <3 | 2 | 4.9 | 452.3 | 5981.3 | >10000 | >100 | 23.6 | 7.8 | 685 | 9.09 | >10000 | 5077.7 | 1.6 | 19 | 162.9 | >2000 | 0.2 |
| 2598120 | Rock Pulp | 0.04 | | | | 6.5 | 62.8 | 20.7 | 108 | 2.3 | 14.9 | 8.4 | 149 | 3.07 | 363.8 | 1010.3 | 0.5 | 6 | 0.4 | 27.7 | 0.2 |

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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: December 06, 2017



# CERTIFICATE OF ANALYSIS VAN17002507.1

| | 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 | 2 | 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 |
| 2598091 | Drill Core | 12 | 1.38 | 0.063 | 15 | 5 | 0.85 | 126 | 0.001 | 5 | 0.44 | 0.014 | 0.22 | <0.1 | 0.23 | 4.6 | 0.2 | 0.87 | 1 | 1.7 | <0.2 |
| 2598092 | Drill Core | 10 | 3.92 | 0.047 | 4 | 5 | 0.73 | 128 | <0.001 | 3 | 0.36 | 0.014 | 0.17 | <0.1 | 0.23 | 4.2 | 0.2 | 0.68 | <1 | 2.2 | <0.2 |
| 2598093 | Drill Core | 14 | 0.94 | 0.029 | 6 | 10 | 0.74 | 119 | <0.001 | 2 | 0.77 | 0.010 | 0.15 | <0.1 | 0.16 | 3.5 | 0.1 | 0.50 | 3 | 2.2 | <0.2 |
| 2598094 | Drill Core | 18 | 1.26 | 0.036 | 5 | 12 | 0.87 | 139 | 0.001 | 3 | 0.97 | 0.018 | 0.17 | 0.2 | 0.16 | 3.4 | 0.1 | 0.52 | 3 | 1.8 | <0.2 |
| 2598095 | Drill Core | 15 | 0.85 | 0.036 | 8 | 10 | 0.83 | 142 | <0.001 | 4 | 1.00 | 0.008 | 0.18 | 0.2 | 0.11 | 3.1 | 0.2 | 0.34 | 3 | 1.4 | <0.2 |
| 2598096 | Drill Core | <2 | 37.49 | 0.090 | 6 | <1 | 0.18 | 52 | <0.001 | <1 | 0.02 | 0.001 | 0.01 | <0.1 | 0.01 | 0.6 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| 2598097 | Drill Core | <2 | 37.97 | 0.021 | 4 | <1 | 0.14 | 42 | <0.001 | <1 | 0.01 | <0.001 | 0.02 | <0.1 | 0.02 | 0.5 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| 2598098 | Drill Core | <2 | 38.32 | 0.024 | 4 | <1 | 0.15 | 60 | <0.001 | <1 | 0.01 | <0.001 | 0.02 | <0.1 | 0.03 | 0.5 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| 2598099 | Drill Core | <2 | 38.32 | 0.027 | 2 | <1 | 0.15 | 71 | <0.001 | <1 | 0.01 | <0.001 | 0.02 | <0.1 | 0.02 | 0.3 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| 2598100 | Rock Chip | 9 | 17.95 | 0.017 | 1 | 3 | 8.76 | 15 | <0.001 | <1 | 0.06 | 0.257 | 0.04 | 0.1 | <0.01 | 0.4 | <0.1 | 0.44 | <1 | <0.5 | <0.2 |
| 2598101 | Drill Core | 12 | 0.69 | 0.033 | 7 | 9 | 0.68 | 205 | <0.001 | 3 | 0.84 | 0.007 | 0.18 | <0.1 | 0.07 | 2.6 | 0.1 | 0.62 | 3 | 1.5 | <0.2 |
| 2598102 | Drill Core | 8 | 0.64 | 0.034 | 7 | 6 | 0.56 | 203 | <0.001 | 3 | 0.54 | 0.008 | 0.13 | <0.1 | 0.04 | 2.3 | 0.1 | 0.46 | 2 | 1.0 | <0.2 |
| 2598103 | Drill Core | 7 | 0.52 | 0.024 | 10 | 6 | 0.57 | 231 | <0.001 | 3 | 0.56 | 0.005 | 0.12 | <0.1 | 0.03 | 2.2 | <0.1 | 0.17 | 2 | <0.5 | <0.2 |
| 2598104 | Drill Core | 7 | 0.55 | 0.027 | 11 | 6 | 0.61 | 275 | <0.001 | 5 | 0.65 | 0.007 | 0.15 | 0.1 | 0.03 | 2.8 | <0.1 | 0.24 | 2 | <0.5 | <0.2 |
| 2598105 | Drill Core | 6 | 0.52 | 0.033 | 8 | 5 | 0.46 | 178 | <0.001 | 3 | 0.31 | 0.004 | 0.10 | <0.1 | 0.03 | 2.2 | <0.1 | 0.10 | 1 | <0.5 | <0.2 |
| 2598106 | Drill Core | 7 | 0.45 | 0.026 | 8 | 6 | 0.54 | 213 | <0.001 | 3 | 0.49 | 0.005 | 0.12 | <0.1 | 0.02 | 2.5 | <0.1 | 0.19 | 2 | 0.5 | <0.2 |
| 2598107 | Drill Core | 10 | 0.86 | 0.034 | 6 | 6 | 0.59 | 128 | <0.001 | 4 | 0.45 | 0.009 | 0.17 | <0.1 | 0.11 | 2.6 | 0.2 | 0.87 | 1 | 1.7 | <0.2 |
| 2598108 | Drill Core | 11 | 0.99 | 0.033 | 7 | 6 | 0.67 | 208 | <0.001 | 6 | 0.58 | 0.010 | 0.21 | <0.1 | 0.10 | 3.2 | 0.2 | 0.60 | 2 | 1.9 | <0.2 |
| 2598109 | Drill Core | 12 | 1.00 | 0.030 | 7 | 5 | 0.67 | 211 | <0.001 | 5 | 0.34 | 0.005 | 0.17 | <0.1 | 0.11 | 3.0 | 0.2 | 0.46 | <1 | 1.7 | <0.2 |
| 2598110 | Drill Core | 11 | 0.74 | 0.030 | 7 | 5 | 0.68 | 166 | <0.001 | 6 | 0.43 | 0.005 | 0.21 | <0.1 | 0.14 | 2.9 | 0.5 | 0.79 | 1 | 2.2 | <0.2 |
| 2598111 | Drill Core | 6 | 1.23 | 0.031 | 7 | 3 | 0.65 | 108 | <0.001 | 4 | 0.18 | 0.003 | 0.11 | 0.3 | 0.70 | 2.8 | 2.2 | 0.72 | <1 | 1.9 | <0.2 |
| 2598112 | Drill Core | 8 | 1.71 | 0.059 | 6 | 4 | 0.58 | 119 | <0.001 | 7 | 0.38 | 0.005 | 0.24 | 0.1 | 0.35 | 2.6 | 1.2 | 1.39 | <1 | 1.4 | <0.2 |
| 2598113 | Drill Core | 6 | 1.84 | 0.049 | 9 | 4 | 0.65 | 126 | <0.001 | 6 | 0.39 | 0.004 | 0.28 | 0.1 | 0.30 | 2.9 | 1.0 | 1.24 | <1 | 1.2 | <0.2 |
| 2598114 | Drill Core | 5 | 10.52 | 0.017 | 3 | 5 | 2.13 | 127 | <0.001 | 3 | 0.14 | 0.004 | 0.10 | <0.1 | 0.29 | 1.4 | 1.1 | 0.37 | <1 | 1.4 | <0.2 |
| 2598115 | Drill Core | 7 | 2.22 | 0.049 | 6 | 4 | 0.72 | 144 | <0.001 | 5 | 0.25 | 0.004 | 0.17 | 0.4 | 0.62 | 3.2 | 2.2 | 1.01 | <1 | 2.0 | <0.2 |
| 2598116 | Drill Core | 8 | 1.44 | 0.032 | 7 | 4 | 0.66 | 141 | <0.001 | 6 | 0.32 | 0.003 | 0.22 | 0.1 | 0.39 | 3.2 | 1.5 | 1.07 | <1 | 2.6 | <0.2 |
| 2598117 | Drill Core | 7 | 0.92 | 0.032 | 8 | 4 | 0.61 | 138 | <0.001 | 7 | 0.25 | 0.003 | 0.18 | 0.3 | 2.11 | 2.9 | 12.5 | 1.06 | <1 | 2.1 | <0.2 |
| 2598118 | Drill Core | 5 | 0.65 | 0.027 | 7 | 4 | 0.39 | 92 | <0.001 | 5 | 0.26 | 0.003 | 0.19 | 0.2 | 5.23 | 2.6 | 20.9 | 1.58 | <1 | 1.5 | <0.2 |
| 2598119 | Drill Core | 5 | 0.33 | 0.053 | 5 | 3 | 0.09 | 18 | 0.001 | 4 | 0.31 | <0.001 | 0.16 | 0.3 | 17.03 | 1.2 | 67.3 | 8.13 | 4 | 1.4 | <0.2 |
| 2598120 | Rock Pulp | 16 | 0.20 | 0.043 | 8 | 30 | 0.09 | 28 | 0.002 | 3 | 0.33 | 0.006 | 0.23 | 0.5 | 4.52 | 2.0 | 4.1 | 2.21 | 1 | 8.9 | <0.2 |

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**Client:** **Mincord Exploration Consultants Ltd.**
110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: December 06, 2017



# CERTIFICATE OF ANALYSIS VAN17002507.1

| | Method | AQ374 | AQ374 | AQ374 |
|---|---|---|---|---|
| | Analyte | Cu | Zn | Ag |
| | Unit | % | % | gm/t |
| | MDL | 0.001 | 0.01 | 2 |
| 2598091 | Drill Core | | | |
| 2598092 | Drill Core | | | |
| 2598093 | Drill Core | | | |
| 2598094 | Drill Core | | | |
| 2598095 | Drill Core | | | |
| 2598096 | Drill Core | | | |
| 2598097 | Drill Core | | | |
| 2598098 | Drill Core | | | |
| 2598099 | Drill Core | | | |
| 2598100 | Rock Chip | | | |
| 2598101 | Drill Core | | | |
| 2598102 | Drill Core | | | |
| 2598103 | Drill Core | | | |
| 2598104 | Drill Core | | | |
| 2598105 | Drill Core | | | |
| 2598106 | Drill Core | | | |
| 2598107 | Drill Core | | | |
| 2598108 | Drill Core | | | |
| 2598109 | Drill Core | | | |
| 2598110 | Drill Core | | | |
| 2598111 | Drill Core | | | |
| 2598112 | Drill Core | | | |
| 2598113 | Drill Core | | | |
| 2598114 | Drill Core | | | |
| 2598115 | Drill Core | | | |
| 2598116 | Drill Core | | | |
| 2598117 | Drill Core | | | |
| 2598118 | Drill Core | 0.010 | 0.07 | 103 |
| 2598119 | Drill Core | 0.041 | 2.08 | 856 |
| 2598120 | Rock Pulp | | | |

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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: December 06, 2017



# CERTIFICATE OF ANALYSIS VAN17002507.1

| | 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 |
| 2598121 | Drill Core | 2.70 | 1960 | <3 | 2 | 6.0 | 127.0 | 549.4 | >10000 | >100 | 27.4 | 11.2 | 683 | 4.23 | >10000 | 303.9 | 2.1 | 19 | 71.4 | 726.4 | 0.2 |
| 2598122 | Drill Core | 3.21 | 1050 | <3 | 4 | 5.9 | 83.2 | 1174.4 | 5313 | 81.1 | 35.7 | 13.3 | 1181 | 4.30 | 8342.6 | 221.6 | 1.9 | 65 | 38.9 | 1376.2 | 0.2 |
| 2598123 | Drill Core | 1.76 | | | | 0.3 | 16.1 | 48.6 | 343 | 2.3 | 1.7 | 3.7 | 1668 | 1.32 | 402.6 | 23.0 | 1.1 | 42 | 3.1 | 36.2 | <0.1 |
| 2598124 | Drill Core | 0.73 | | | | 0.2 | 6.8 | 17.5 | 597 | 2.2 | 1.9 | 3.6 | 1184 | 1.85 | 2776.6 | 200.3 | 1.0 | 9 | 4.6 | 32.3 | <0.1 |
| 2598125 | Drill Core | 6.38 | | | | 0.2 | 7.2 | 14.1 | 115 | 1.0 | 1.3 | 3.7 | 1324 | 1.42 | 1852.7 | 113.7 | 0.9 | 46 | 0.7 | 22.2 | <0.1 |
| 2598126 | Drill Core | 3.50 | | | | 0.2 | 9.8 | 45.2 | 471 | 2.4 | 1.4 | 3.6 | 1790 | 1.32 | 395.3 | 29.5 | 1.0 | 50 | 4.7 | 32.0 | <0.1 |
| 2598127 | Drill Core | 0.71 | 234 | <3 | 3 | 6.7 | 37.9 | 19.3 | 557 | 8.8 | 24.1 | 7.2 | 2462 | 2.41 | 1550.1 | 4.7 | 2.4 | 93 | 4.6 | 54.7 | 0.2 |
| 2598128 | Drill Core | 2.74 | 27 | <3 | 3 | 9.0 | 89.9 | 15.9 | 232 | 0.8 | 29.3 | 8.7 | 1072 | 2.11 | 515.9 | 2.4 | 3.6 | 52 | 2.4 | 39.7 | 0.3 |
| 2598129 | Drill Core | 5.51 | 27 | <3 | <2 | 17.0 | 75.0 | 52.8 | 137 | 2.0 | 26.8 | 8.1 | 1578 | 1.99 | 650.2 | 1.4 | 2.5 | 49 | 0.8 | 84.9 | 0.2 |
| 2598130 | Drill Core | 4.76 | | | | 9.1 | 84.4 | 618.2 | 748 | 2.1 | 26.2 | 9.2 | 3438 | 2.31 | 1195.1 | 2.3 | 2.1 | 26 | 8.1 | 324.1 | 0.3 |
| 2598131 | Drill Core | 4.97 | | | | 3.5 | 85.8 | 11.1 | 86 | 0.4 | 23.6 | 8.7 | 1047 | 2.20 | 1913.7 | 1.1 | 2.1 | 35 | 0.4 | 26.2 | 0.2 |
| 2598132 | Drill Core | 2.14 | | | | 2.3 | 32.3 | 9.8 | 54 | 0.4 | 29.2 | 10.2 | 758 | 1.75 | 192.4 | 0.9 | 1.6 | 83 | 0.2 | 13.7 | 0.1 |
| 2598133 | Drill Core | 6.30 | | | | 1.6 | 50.9 | 6.5 | 112 | 0.2 | 127.8 | 37.6 | 1363 | 5.68 | 119.3 | <0.5 | 2.6 | 327 | 0.6 | 4.4 | <0.1 |
| 2598134 | Drill Core | 5.77 | | | | 1.1 | 43.9 | 4.7 | 96 | <0.1 | 111.3 | 31.9 | 1409 | 5.77 | 233.9 | 0.9 | 2.7 | 350 | 0.2 | 3.6 | <0.1 |
| 2598135 | Drill Core | 2.95 | | | | 0.1 | 28.4 | 3.4 | 110 | <0.1 | 55.9 | 27.7 | 1142 | 6.20 | 221.2 | <0.5 | 3.2 | 158 | 0.2 | 4.6 | <0.1 |
| 2598136 | Drill Core | 2.60 | | | | 13.2 | 71.8 | 9.9 | 87 | 0.3 | 30.5 | 9.5 | 598 | 2.22 | 64.5 | <0.5 | 2.3 | 55 | 0.5 | 5.0 | 0.2 |
| 2598137 | Drill Core | 2.47 | | | | 14.0 | 76.5 | 10.0 | 106 | 0.3 | 27.9 | 10.4 | 480 | 2.24 | 20.4 | <0.5 | 2.1 | 97 | 0.7 | 3.2 | 0.3 |
| 2598138 | Drill Core | 5.03 | | | | 5.9 | 63.8 | 9.9 | 82 | 0.2 | 34.0 | 12.2 | 701 | 2.59 | 18.6 | <0.5 | 2.3 | 135 | 0.4 | 2.1 | 0.2 |
| 2598139 | Drill Core | 2.12 | | | | 5.4 | 47.9 | 39.1 | 217 | 5.6 | 18.3 | 6.2 | 595 | 1.62 | 352.3 | 2.1 | 1.6 | 299 | 1.3 | 40.8 | 0.2 |
| 2598140 | Rock Chip | 0.74 | | | | 0.2 | 1.4 | 3.4 | 25 | <0.1 | 2.0 | 0.4 | 96 | 0.13 | 2.3 | 2.3 | 0.2 | 225 | 0.2 | 1.0 | <0.1 |
| 2598141 | Drill Core | 3.45 | | | | 1.5 | 4.3 | 4.4 | 40 | <0.1 | 1.6 | 4.8 | 641 | 2.20 | 16.9 | <0.5 | 10.2 | 142 | <0.1 | 1.2 | 0.1 |
| 2598142 | Drill Core | 4.30 | | | | 1.3 | 12.2 | 3.9 | 31 | <0.1 | 1.3 | 4.5 | 727 | 2.00 | 8.9 | 1.0 | 10.5 | 186 | <0.1 | 1.1 | <0.1 |
| 2598143 | Drill Core | 2.38 | | | | 9.6 | 54.7 | 26.3 | 85 | 0.5 | 22.8 | 7.4 | 1129 | 1.96 | 132.5 | <0.5 | 2.0 | 143 | 0.5 | 6.7 | 0.2 |
| 2598144 | Drill Core | 3.08 | | | | 2.0 | 68.0 | 5.4 | 65 | 0.2 | 22.7 | 6.7 | 379 | 1.84 | 19.3 | 0.8 | 2.0 | 27 | 0.3 | 2.6 | 0.2 |

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# CERTIFICATE OF ANALYSIS VAN17002507.1

| | 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 | 2 | 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 |
| 2598121 | Drill Core | 5 | 0.62 | 0.040 | 5 | 3 | 0.17 | 29 | <0.001 | 4 | 0.26 | 0.002 | 0.18 | 0.3 | 5.00 | 2.1 | 16.8 | 4.24 | 2 | 1.7 | <0.2 |
| 2598122 | Drill Core | 7 | 1.85 | 0.083 | 5 | 4 | 0.55 | 45 | <0.001 | 3 | 0.30 | 0.003 | 0.19 | 0.5 | 4.23 | 3.1 | 18.5 | 4.10 | 1 | 2.6 | <0.2 |
| 2598123 | Drill Core | 2 | 2.02 | 0.044 | 6 | 1 | 0.42 | 115 | <0.001 | 4 | 0.48 | 0.007 | 0.29 | 0.2 | 0.62 | 1.4 | 3.3 | 0.49 | <1 | <0.5 | <0.2 |
| 2598124 | Drill Core | <2 | 0.50 | 0.041 | 4 | 1 | 0.13 | 88 | <0.001 | 4 | 0.34 | 0.008 | 0.24 | 1.1 | 1.04 | 0.8 | 4.4 | 1.76 | <1 | <0.5 | <0.2 |
| 2598125 | Drill Core | <2 | 2.41 | 0.048 | 4 | 1 | 0.37 | 104 | <0.001 | 4 | 0.41 | 0.012 | 0.23 | <0.1 | 0.55 | 1.0 | 2.5 | 0.69 | <1 | <0.5 | <0.2 |
| 2598126 | Drill Core | <2 | 2.45 | 0.045 | 5 | 1 | 0.40 | 178 | <0.001 | 4 | 0.35 | 0.012 | 0.24 | <0.1 | 0.44 | 1.1 | 2.0 | 0.54 | <1 | <0.5 | <0.2 |
| 2598127 | Drill Core | 7 | 3.45 | 0.025 | 7 | 4 | 0.51 | 42 | <0.001 | 3 | 0.23 | 0.002 | 0.10 | 0.3 | 1.80 | 4.5 | 6.6 | 2.13 | <1 | 2.8 | <0.2 |
| 2598128 | Drill Core | 8 | 1.28 | 0.032 | 11 | 4 | 0.45 | 97 | <0.001 | 4 | 0.24 | 0.003 | 0.15 | 0.5 | 0.93 | 3.9 | 5.1 | 1.48 | <1 | 1.4 | <0.2 |
| 2598129 | Drill Core | 8 | 1.75 | 0.065 | 7 | 4 | 0.46 | 108 | <0.001 | 3 | 0.26 | 0.002 | 0.14 | 0.4 | 0.94 | 2.8 | 5.8 | 1.35 | <1 | 1.8 | <0.2 |
| 2598130 | Drill Core | 6 | 1.54 | 0.030 | 5 | 3 | 0.36 | 99 | <0.001 | 4 | 0.22 | 0.002 | 0.17 | 0.2 | 1.41 | 2.3 | 11.6 | 1.53 | <1 | 1.7 | <0.2 |
| 2598131 | Drill Core | 6 | 1.01 | 0.057 | 6 | 4 | 0.48 | 126 | <0.001 | 5 | 0.27 | 0.003 | 0.18 | 0.3 | 1.34 | 2.2 | 10.1 | 1.07 | <1 | 1.2 | <0.2 |
| 2598132 | Drill Core | 7 | 3.29 | 0.139 | 10 | 5 | 1.17 | 105 | 0.001 | 4 | 0.23 | 0.002 | 0.12 | 0.2 | 0.19 | 2.7 | 2.0 | 0.96 | <1 | 1.3 | <0.2 |
| 2598133 | Drill Core | 65 | 7.99 | 0.348 | 23 | 44 | 2.35 | 121 | 0.003 | 7 | 1.32 | 0.012 | 0.16 | 0.1 | 0.08 | 8.4 | 0.5 | 1.16 | 5 | 0.6 | <0.2 |
| 2598134 | Drill Core | 61 | 8.54 | 0.322 | 25 | 44 | 2.77 | 122 | 0.003 | 6 | 1.34 | 0.013 | 0.11 | 0.1 | 0.07 | 8.2 | 0.5 | 0.48 | 5 | <0.5 | <0.2 |
| 2598135 | Drill Core | 34 | 5.99 | 0.397 | 31 | 12 | 2.57 | 126 | 0.002 | 10 | 0.72 | 0.008 | 0.22 | 0.3 | 0.13 | 4.6 | 0.8 | 0.26 | 3 | <0.5 | <0.2 |
| 2598136 | Drill Core | 9 | 1.55 | 0.067 | 7 | 5 | 0.65 | 133 | <0.001 | 5 | 0.32 | 0.003 | 0.17 | 0.2 | 0.08 | 1.9 | 0.9 | 0.87 | <1 | 2.9 | <0.2 |
| 2598137 | Drill Core | 11 | 1.67 | 0.044 | 7 | 5 | 0.68 | 146 | <0.001 | 4 | 0.44 | 0.003 | 0.15 | <0.1 | 0.08 | 1.9 | 0.4 | 0.72 | 1 | 2.4 | <0.2 |
| 2598138 | Drill Core | 17 | 3.28 | 0.105 | 10 | 11 | 1.09 | 162 | 0.001 | 3 | 0.59 | 0.004 | 0.15 | <0.1 | 0.06 | 3.0 | 0.2 | 0.67 | 2 | 1.5 | <0.2 |
| 2598139 | Drill Core | 7 | 9.39 | 0.047 | 5 | 5 | 0.63 | 128 | <0.001 | 3 | 0.36 | 0.004 | 0.12 | 1.5 | 0.18 | 2.3 | 0.6 | 0.54 | <1 | 1.0 | <0.2 |
| 2598140 | Rock Chip | 10 | 15.97 | 0.015 | <1 | 3 | 9.81 | 15 | <0.001 | 1 | 0.05 | 0.281 | 0.02 | 0.2 | <0.01 | 0.3 | <0.1 | 0.42 | <1 | <0.5 | <0.2 |
| 2598141 | Drill Core | 28 | 3.05 | 0.113 | 62 | 2 | 0.62 | 621 | 0.004 | 2 | 0.69 | 0.024 | 0.22 | <0.1 | <0.01 | 2.7 | 0.2 | 0.18 | 2 | <0.5 | <0.2 |
| 2598142 | Drill Core | 24 | 3.38 | 0.114 | 64 | 1 | 0.69 | 1205 | 0.004 | 3 | 0.61 | 0.019 | 0.24 | <0.1 | <0.01 | 2.6 | 0.1 | 0.11 | 1 | <0.5 | <0.2 |
| 2598143 | Drill Core | 9 | 4.20 | 0.048 | 7 | 4 | 0.64 | 152 | <0.001 | 3 | 0.31 | 0.004 | 0.13 | 0.2 | 0.12 | 2.5 | 0.4 | 0.78 | <1 | 2.0 | <0.2 |
| 2598144 | Drill Core | 4 | 0.62 | 0.019 | 8 | 4 | 0.54 | 141 | <0.001 | 4 | 0.24 | 0.003 | 0.14 | 0.1 | 0.04 | 1.8 | 0.3 | 0.34 | <1 | <0.5 | <0.2 |

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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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: December 06, 2017



# CERTIFICATE OF ANALYSIS VAN17002507.1

| | Method | AQ374 | AQ374 | AQ374 |
|---|---|---|---|---|
| | Analyte | Cu | Zn | Ag |
| | Unit | % | % | gm/t |
| | MDL | 0.001 | 0.01 | 2 |
| 2598121 | Drill Core | 0.011 | 1.03 | 155 |
| 2598122 | Drill Core | | | |
| 2598123 | Drill Core | | | |
| 2598124 | Drill Core | | | |
| 2598125 | Drill Core | | | |
| 2598126 | Drill Core | | | |
| 2598127 | Drill Core | | | |
| 2598128 | Drill Core | | | |
| 2598129 | Drill Core | | | |
| 2598130 | Drill Core | | | |
| 2598131 | Drill Core | | | |
| 2598132 | Drill Core | | | |
| 2598133 | Drill Core | | | |
| 2598134 | Drill Core | | | |
| 2598135 | Drill Core | | | |
| 2598136 | Drill Core | | | |
| 2598137 | Drill Core | | | |
| 2598138 | Drill Core | | | |
| 2598139 | Drill Core | | | |
| 2598140 | Rock Chip | | | |
| 2598141 | Drill Core | | | |
| 2598142 | Drill Core | | | |
| 2598143 | Drill Core | | | |
| 2598144 | Drill Core | | | |

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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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: December 06, 2017



# QUALITY CONTROL REPORT VAN17002507.1

| | 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 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2598004 | Drill Core | 4.83 | | | | 3.3 | 17.6 | 12.7 | 49 | 0.2 | 7.8 | 7.0 | 315 | 2.47 | 7.6 | 8.5 | 14.6 | 68 | 0.3 | 1.7 | 1.6 |
| REP 2598004 | QC | | | | | 3.5 | 17.8 | 12.9 | 50 | 0.2 | 7.4 | 6.6 | 311 | 2.44 | 7.9 | 10.3 | 14.0 | 68 | 0.3 | 1.6 | 1.6 |
| 2598029 | Drill Core | 0.85 | 34 | <3 | <2 | 5.2 | 78.4 | 371.1 | 739 | 2.7 | 26.5 | 8.4 | 657 | 1.63 | 31.7 | 30.7 | 4.2 | 127 | 10.0 | 5.1 | 1.8 |
| REP 2598029 | QC | | 35 | <3 | 2 | | | | | | | | | | | | | | | | |
| 2598037 | Drill Core | 1.66 | 155 | <3 | <2 | 116.4 | 869.2 | 2246.4 | 2105 | 6.6 | 5.8 | 9.3 | 698 | 1.69 | 46.6 | 148.3 | 12.0 | 83 | 29.5 | 120.5 | 2.0 |
| REP 2598037 | QC | | | | | 118.1 | 878.6 | 2222.6 | 2122 | 6.5 | 5.7 | 9.5 | 694 | 1.71 | 46.3 | 133.1 | 11.9 | 82 | 30.2 | 120.6 | 2.0 |
| 2598072 | Drill Core | 4.94 | | | | 0.3 | 25.8 | 178.7 | 619 | 0.8 | 1.2 | 1.4 | 861 | 0.28 | 117.7 | 8.4 | <0.1 | 235 | 19.5 | 99.4 | 1.6 |
| REP 2598072 | QC | | | | | 0.3 | 25.5 | 183.2 | 612 | 0.8 | 1.2 | 1.5 | 867 | 0.29 | 124.1 | 11.2 | 0.1 | 253 | 20.7 | 106.5 | 1.7 |
| 2598076 | Drill Core | 3.36 | 263 | 3 | 2 | 2.6 | 796.4 | 5.6 | 303 | 3.0 | 10.2 | 31.9 | 1423 | 10.66 | 191.1 | 242.7 | 3.5 | 12 | 1.5 | 14.6 | 5.6 |
| REP 2598076 | QC | | 240 | <3 | <2 | | | | | | | | | | | | | | | | |
| 2598078 | Drill Core | 2.18 | 1801 | <3 | 5 | 5.7 | 2399.0 | 4181.6 | >10000 | >100 | 17.1 | 144.7 | 1204 | 28.50 | 4801.1 | 161.4 | 0.1 | 11 | 152.2 | >2000 | 839.9 |
| REP 2598078 | QC | | | | | | | | | | | | | | | | | | | | |
| 2598107 | Drill Core | 5.33 | | | | 7.4 | 73.1 | 14.8 | 99 | 0.2 | 27.7 | 8.3 | 347 | 2.11 | 12.9 | <0.5 | 2.7 | 41 | 0.6 | 2.5 | 0.3 |
| REP 2598107 | QC | | | | | 7.5 | 75.6 | 15.0 | 106 | 0.2 | 28.0 | 8.6 | 353 | 2.10 | 13.7 | <0.5 | 2.9 | 42 | 0.5 | 2.5 | 0.3 |
| 2598139 | Drill Core | 2.12 | | | | 5.4 | 47.9 | 39.1 | 217 | 5.6 | 18.3 | 6.2 | 595 | 1.62 | 352.3 | 2.1 | 1.6 | 299 | 1.3 | 40.8 | 0.2 |
| REP 2598139 | QC | | | | | 5.5 | 47.9 | 38.5 | 217 | 5.7 | 18.6 | 6.2 | 595 | 1.63 | 357.7 | 2.0 | 1.6 | 294 | 1.3 | 39.9 | 0.2 |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2598022 | Drill Core | 6.21 | | | | 1.2 | 64.6 | 21.0 | 52 | 0.3 | 4.9 | 4.5 | 603 | 2.14 | 22.9 | 12.5 | 16.0 | 118 | 0.4 | 7.7 | 3.0 |
| DUP 2598022 | QC | | | | | 1.3 | 65.5 | 22.1 | 53 | 0.3 | 4.7 | 4.4 | 627 | 2.13 | 24.8 | 16.3 | 16.5 | 128 | 0.4 | 7.7 | 3.2 |
| 2598056 | Drill Core | 2.81 | | | | 7.5 | 115.5 | 135.4 | 164 | 0.9 | 33.1 | 11.9 | 100 | 2.15 | 105.4 | 11.0 | 3.8 | 25 | 1.9 | 3.6 | 7.2 |
| DUP 2598056 | QC | | | | | 7.5 | 119.3 | 141.1 | 157 | 1.0 | 34.5 | 12.2 | 108 | 2.17 | 105.1 | 12.7 | 3.8 | 25 | 1.9 | 3.7 | 7.4 |
| 2598090 | Drill Core | 4.90 | | | | 7.6 | 72.7 | 14.9 | 99 | 0.3 | 26.9 | 11.3 | 460 | 2.73 | 24.8 | 0.6 | 3.5 | 65 | 0.6 | 1.8 | 0.4 |
| DUP 2598090 | QC | | | | | 7.1 | 68.1 | 13.9 | 101 | 0.3 | 26.0 | 11.0 | 472 | 2.63 | 23.6 | 0.8 | 3.4 | 67 | 0.6 | 1.7 | 0.3 |
| 2598124 | Drill Core | 0.73 | | | | 0.2 | 6.8 | 17.5 | 597 | 2.2 | 1.9 | 3.6 | 1184 | 1.85 | 2776.6 | 200.3 | 1.0 | 9 | 4.6 | 32.3 | <0.1 |
| DUP 2598124 | QC | | | | | 0.2 | 6.1 | 15.0 | 569 | 2.1 | 1.7 | 3.7 | 1177 | 1.89 | 2846.9 | 205.0 | 1.0 | 9 | 3.8 | 33.1 | <0.1 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD CDN-PGMS-19 | Standard | | 222 | 108 | 478 | | | | | | | | | | | | | | | | |
| STD CDN-PGMS-19 | Standard | | 238 | 104 | 494 | | | | | | | | | | | | | | | | |

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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Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: December 06, 2017



# QUALITY CONTROL REPORT VAN17002507.1

| | 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 | 2 | 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 | | | | | | | | | | | | | | | | | | | | | |
| 2598004 | Drill Core | 29 | 1.65 | 0.110 | 45 | 9 | 0.65 | 79 | 0.020 | 1 | 0.62 | 0.031 | 0.10 | 0.2 | <0.01 | 4.1 | <0.1 | 1.70 | 3 | 0.5 | 0.5 |
| REP 2598004 | QC | 29 | 1.65 | 0.112 | 44 | 9 | 0.65 | 74 | 0.019 | <1 | 0.62 | 0.031 | 0.10 | 0.1 | <0.01 | 4.0 | <0.1 | 1.62 | 3 | 0.5 | 0.5 |
| 2598029 | Drill Core | 51 | 3.15 | 0.124 | 20 | 36 | 1.06 | 49 | 0.068 | 1 | 0.68 | 0.040 | 0.10 | 0.6 | 0.21 | 7.0 | 0.1 | 0.91 | 3 | <0.5 | 0.2 |
| REP 2598029 | QC | | | | | | | | | | | | | | | | | | | | |
| 2598037 | Drill Core | 42 | 2.69 | 0.136 | 33 | 5 | 0.47 | 69 | 0.121 | 2 | 0.40 | 0.036 | 0.11 | 1.4 | 0.45 | 3.9 | 0.9 | 1.40 | 3 | 1.2 | 0.7 |
| REP 2598037 | QC | 43 | 2.70 | 0.136 | 33 | 5 | 0.47 | 67 | 0.128 | 1 | 0.40 | 0.035 | 0.11 | 1.5 | 0.44 | 4.2 | 0.9 | 1.39 | 3 | 1.5 | 0.7 |
| 2598072 | Drill Core | 12 | 37.21 | 0.028 | 5 | 9 | 0.29 | 48 | <0.001 | <1 | 0.04 | <0.001 | 0.05 | 0.7 | 0.03 | 0.3 | <0.1 | <0.05 | <1 | <0.5 | 0.7 |
| REP 2598072 | QC | 13 | 39.08 | 0.028 | 5 | 9 | 0.29 | 49 | <0.001 | <1 | 0.04 | <0.001 | 0.06 | 0.8 | 0.03 | 0.3 | <0.1 | <0.05 | <1 | <0.5 | 0.7 |
| 2598076 | Drill Core | 23 | 12.93 | 0.172 | 8 | 18 | 0.36 | 28 | 0.020 | 1 | 0.99 | 0.002 | 0.04 | 36.9 | 0.01 | 1.9 | 0.2 | 1.04 | 9 | 3.0 | 1.3 |
| REP 2598076 | QC | | | | | | | | | | | | | | | | | | | | |
| 2598078 | Drill Core | 4 | 2.95 | 0.048 | <1 | 3 | 0.05 | 2 | <0.001 | <1 | 0.05 | <0.001 | 0.02 | 7.9 | 3.13 | 0.1 | 4.3 | >10 | 2 | 27.7 | 14.5 |
| REP 2598078 | QC | | | | | | | | | | | | | | | | | | | | |
| 2598107 | Drill Core | 10 | 0.86 | 0.034 | 6 | 6 | 0.59 | 128 | <0.001 | 4 | 0.45 | 0.009 | 0.17 | <0.1 | 0.11 | 2.6 | 0.2 | 0.87 | 1 | 1.7 | <0.2 |
| REP 2598107 | QC | 10 | 0.85 | 0.035 | 7 | 5 | 0.58 | 143 | <0.001 | 4 | 0.45 | 0.009 | 0.17 | <0.1 | 0.13 | 2.6 | 0.2 | 0.87 | 1 | 1.8 | <0.2 |
| 2598139 | Drill Core | 7 | 9.39 | 0.047 | 5 | 5 | 0.63 | 128 | <0.001 | 3 | 0.36 | 0.004 | 0.12 | 1.5 | 0.18 | 2.3 | 0.6 | 0.54 | <1 | 1.0 | <0.2 |
| REP 2598139 | QC | 7 | 9.17 | 0.047 | 5 | 5 | 0.63 | 128 | <0.001 | 3 | 0.35 | 0.004 | 0.12 | 1.5 | 0.16 | 2.2 | 0.6 | 0.54 | <1 | 1.3 | <0.2 |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 2598022 | Drill Core | 21 | 1.94 | 0.108 | 53 | 3 | 0.56 | 43 | 0.003 | 1 | 0.44 | 0.038 | 0.12 | 0.2 | 0.09 | 4.7 | 0.1 | 1.87 | 2 | 1.1 | 1.0 |
| DUP 2598022 | QC | 21 | 2.05 | 0.113 | 52 | 3 | 0.56 | 39 | 0.003 | 1 | 0.44 | 0.038 | 0.12 | 0.2 | 0.09 | 4.7 | 0.1 | 2.07 | 2 | 1.3 | 1.1 |
| 2598056 | Drill Core | 37 | 0.93 | 0.037 | 6 | 17 | 0.78 | 70 | 0.022 | 5 | 1.21 | 0.032 | 0.45 | 0.4 | 0.01 | 4.8 | 0.5 | 1.30 | 5 | 2.7 | 2.3 |
| DUP 2598056 | QC | 37 | 0.96 | 0.038 | 7 | 18 | 0.78 | 72 | 0.022 | 4 | 1.24 | 0.034 | 0.46 | 0.4 | 0.02 | 4.9 | 0.5 | 1.35 | 5 | 2.5 | 2.2 |
| 2598090 | Drill Core | 13 | 1.55 | 0.074 | 14 | 6 | 0.88 | 90 | 0.001 | 5 | 0.49 | 0.016 | 0.24 | <0.1 | 0.24 | 4.8 | 0.2 | 1.00 | 1 | 1.8 | <0.2 |
| DUP 2598090 | QC | 12 | 1.56 | 0.072 | 14 | 5 | 0.88 | 104 | <0.001 | 4 | 0.44 | 0.015 | 0.21 | <0.1 | 0.24 | 4.6 | 0.2 | 0.94 | 1 | 2.0 | <0.2 |
| 2598124 | Drill Core | <2 | 0.50 | 0.041 | 4 | 1 | 0.13 | 88 | <0.001 | 4 | 0.34 | 0.008 | 0.24 | 1.1 | 1.04 | 0.8 | 4.4 | 1.76 | <1 | <0.5 | <0.2 |
| DUP 2598124 | QC | <2 | 0.51 | 0.044 | 4 | 1 | 0.13 | 90 | <0.001 | 3 | 0.37 | 0.010 | 0.26 | 1.0 | 1.05 | 0.8 | 4.5 | 1.82 | <1 | <0.5 | <0.2 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD CDN-PGMS-19 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD CDN-PGMS-19 | Standard | | | | | | | | | | | | | | | | | | | | |

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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Project: Lustdust
Report Date: December 06, 2017



# QUALITY CONTROL REPORT VAN17002507.1

| | Method | AQ374 | AQ374 | AQ374 |
|---|---|---|---|---|
| | Analyte | Cu | Zn | Ag |
| | Unit | % | % | gm/t |
| | MDL | 0.001 | 0.01 | 2 |
| Pulp Duplicates | | | | |
| 2598004 | Drill Core | | | |
| REP 2598004 | QC | | | |
| 2598029 | Drill Core | | | |
| REP 2598029 | QC | | | |
| 2598037 | Drill Core | | | |
| REP 2598037 | QC | | | |
| 2598072 | Drill Core | | | |
| REP 2598072 | QC | | | |
| 2598076 | Drill Core | | | |
| REP 2598076 | QC | | | |
| 2598078 | Drill Core | 0.255 | 1.49 | 382 |
| REP 2598078 | QC | 0.253 | 1.49 | 380 |
| 2598107 | Drill Core | | | |
| REP 2598107 | QC | | | |
| 2598139 | Drill Core | | | |
| REP 2598139 | QC | | | |
| Core Reject Duplicates | | | | |
| 2598022 | Drill Core | | | |
| DUP 2598022 | QC | | | |
| 2598056 | Drill Core | | | |
| DUP 2598056 | QC | | | |
| 2598090 | Drill Core | | | |
| DUP 2598090 | QC | | | |
| 2598124 | Drill Core | | | |
| DUP 2598124 | QC | | | |
| Reference Materials | | | | |
| STD CDN-PGMS-19 | Standard | | | |
| STD CDN-PGMS-19 | Standard | | | |

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:** **Mincord Exploration Consultants Ltd.**
110 - 325 Howe St.
Vancouver British Columbia V6C 1Z7 Canada

Project: Lustdust
Report Date: December 06, 2017



# QUALITY CONTROL REPORT VAN17002507.1

| | | WGHT | FA330 | FA330 | FA330 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Wgt | Au | Pt | Pd | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi |
| | | kg | ppb | ppb | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm |
| | | 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 |
| STD DS11 | Standard | | | | | 14.3 | 148.1 | 135.0 | 333 | 1.7 | 77.8 | 13.7 | 1025 | 3.07 | 41.6 | 65.8 | 7.7 | 67 | 2.3 | 8.8 | 11.7 |
| STD DS11 | Standard | | | | | 14.2 | 160.7 | 139.9 | 331 | 1.7 | 84.1 | 14.7 | 991 | 3.12 | 43.2 | 60.9 | 8.0 | 64 | 2.6 | 7.5 | 12.0 |
| STD DS11 | Standard | | | | | 15.3 | 163.6 | 142.1 | 349 | 1.7 | 82.3 | 14.3 | 1058 | 3.19 | 45.0 | 95.1 | 8.5 | 72 | 2.6 | 8.0 | 12.7 |
| STD DS11 | Standard | | | | | 14.2 | 160.7 | 140.2 | 370 | 1.8 | 83.0 | 13.8 | 1095 | 3.16 | 47.5 | 85.5 | 8.2 | 73 | 2.6 | 8.5 | 12.7 |
| STD DS11 | Standard | | | | | 14.6 | 159.5 | 136.3 | 342 | 1.7 | 79.6 | 14.2 | 986 | 3.09 | 44.0 | 80.3 | 8.0 | 68 | 2.6 | 7.7 | 12.5 |
| STD DS11 | Standard | | | | | 12.8 | 147.6 | 137.1 | 340 | 1.7 | 75.6 | 13.6 | 1028 | 3.05 | 42.2 | 80.1 | 7.5 | 70 | 2.5 | 8.5 | 12.5 |
| STD GC-7 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD OREAS133B | Standard | | | | | | | | | | | | | | | | | | | | |
| STD OXC129 | Standard | | | | | 1.3 | 26.2 | 5.9 | 39 | <0.1 | 75.6 | 19.6 | 395 | 2.86 | 0.6 | 230.3 | 1.7 | 173 | <0.1 | <0.1 | <0.1 |
| STD OXC129 | Standard | | | | | 1.2 | 27.7 | 6.2 | 40 | <0.1 | 78.9 | 20.8 | 418 | 3.00 | <0.5 | 183.0 | 1.8 | 183 | <0.1 | <0.1 | <0.1 |
| STD OXC129 | Standard | | | | | 1.3 | 28.9 | 6.6 | 41 | <0.1 | 83.5 | 21.8 | 434 | 3.12 | 0.8 | 201.5 | 2.0 | 194 | <0.1 | <0.1 | <0.1 |
| STD OXC129 | Standard | | | | | 1.2 | 29.6 | 6.4 | 43 | <0.1 | 80.9 | 20.8 | 409 | 2.97 | 1.1 | 194.3 | 1.8 | 195 | <0.1 | <0.1 | <0.1 |
| STD OXC129 | Standard | | | | | 1.2 | 28.7 | 6.4 | 41 | <0.1 | 81.1 | 20.2 | 400 | 2.97 | 0.6 | 187.3 | 1.8 | 186 | <0.1 | <0.1 | <0.1 |
| STD OXC129 | Standard | | | | | 1.3 | 27.1 | 6.2 | 42 | <0.1 | 76.7 | 20.0 | 408 | 3.00 | 0.7 | 212.5 | 1.8 | 199 | <0.1 | <0.1 | <0.1 |
| STD CDN-PGMS-19 Expected | | | 230 | 108 | 476 | | | | | | | | | | | | | | | | |
| STD OXC129 Expected | | | | | | 1.3 | 28 | 6.2 | 42.9 | | 79.5 | 20.3 | 421 | 3.065 | 0.6 | 195 | 1.9 | | | | |
| 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 GC-7 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD OREAS133B Expected | | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | <2 | <3 | <2 | | | | | | | | | | | | | | | | |
| BLK | Blank | | 2 | <3 | <2 | | | | | | | | | | | | | | | | |
| 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 | | | | | <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 | | | | | <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 | | | | | <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 | | | | | <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 | | | | | <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 | | | | | | | | | | | | | | | | | | | | |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |

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Project: Lustdust
Report Date: December 06, 2017



# QUALITY CONTROL REPORT VAN17002507.1

| | | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| | | ppm | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | | 2 | 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 |
| STD DS11 | Standard | 49 | 1.04 | 0.069 | 19 | 59 | 0.82 | 358 | 0.094 | 7 | 1.15 | 0.075 | 0.40 | 2.8 | 0.26 | 3.4 | 5.0 | 0.28 | 5 | 2.6 | 4.8 |
| STD DS11 | Standard | 49 | 1.07 | 0.069 | 20 | 61 | 0.84 | 371 | 0.096 | 7 | 1.18 | 0.075 | 0.41 | 2.8 | 0.25 | 3.3 | 4.8 | 0.29 | 5 | 1.9 | 4.2 |
| STD DS11 | Standard | 51 | 1.10 | 0.072 | 21 | 62 | 0.86 | 380 | 0.101 | 7 | 1.24 | 0.078 | 0.42 | 2.8 | 0.25 | 3.4 | 5.1 | 0.29 | 5 | 2.3 | 4.6 |
| STD DS11 | Standard | 51 | 1.09 | 0.079 | 19 | 60 | 0.89 | 380 | 0.098 | 5 | 1.20 | 0.074 | 0.41 | 2.9 | 0.26 | 3.3 | 4.9 | 0.29 | 5 | 2.6 | 4.6 |
| STD DS11 | Standard | 50 | 1.06 | 0.071 | 19 | 59 | 0.84 | 371 | 0.094 | 8 | 1.15 | 0.074 | 0.41 | 2.9 | 0.26 | 3.3 | 4.8 | 0.28 | 5 | 2.1 | 4.9 |
| STD DS11 | Standard | 47 | 1.07 | 0.073 | 18 | 57 | 0.83 | 353 | 0.092 | 7 | 1.14 | 0.074 | 0.41 | 2.8 | 0.26 | 3.2 | 4.8 | 0.29 | 5 | 2.7 | 4.6 |
| STD GC-7 | Standard | | | | | | | | | | | | | | | | | | | | |
| STD OREAS133B | Standard | | | | | | | | | | | | | | | | | | | | |
| STD OXC129 | Standard | 49 | 0.62 | 0.093 | 12 | 50 | 1.50 | 48 | 0.368 | 1 | 1.47 | 0.564 | 0.35 | <0.1 | <0.01 | 0.9 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| STD OXC129 | Standard | 52 | 0.73 | 0.095 | 13 | 54 | 1.56 | 53 | 0.410 | <1 | 1.61 | 0.590 | 0.37 | <0.1 | <0.01 | 1.0 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| STD OXC129 | Standard | 53 | 0.75 | 0.103 | 13 | 56 | 1.62 | 53 | 0.429 | 2 | 1.70 | 0.614 | 0.38 | 0.1 | <0.01 | 1.2 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| STD OXC129 | Standard | 52 | 0.69 | 0.102 | 12 | 50 | 1.56 | 50 | 0.384 | 2 | 1.56 | 0.590 | 0.38 | 0.1 | <0.01 | 1.1 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| STD OXC129 | Standard | 50 | 0.61 | 0.102 | 12 | 50 | 1.53 | 49 | 0.383 | 1 | 1.49 | 0.575 | 0.35 | <0.1 | <0.01 | 0.8 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| STD OXC129 | Standard | 49 | 0.68 | 0.099 | 12 | 52 | 1.55 | 50 | 0.408 | 1 | 1.58 | 0.586 | 0.36 | <0.1 | <0.01 | 1.0 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| STD CDN-PGMS-19 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD OXC129 Expected | | 51 | 0.684 | 0.102 | 12.5 | 52 | 1.545 | 50 | 0.4 | 1 | 1.58 | 0.59 | 0.3655 | | | 1.1 | | | 5.5 | | |
| 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 GC-7 Expected | | | | | | | | | | | | | | | | | | | | | |
| STD OREAS133B Expected | | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | <2 | <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 | <2 | <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 | <2 | <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 | <2 | <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 | <2 | <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 | <2 | <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 | | | | | | | | | | | | | | | | | | | | | |

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Project: Lustdust
Report Date: December 06, 2017



# QUALITY CONTROL REPORT VAN17002507.1

| | | AQ374 Cu % 0.001 | AQ374 Zn % 0.01 | AQ374 Ag gm/t 2 |
|---|---|---|---|---|
| STD DS11 | Standard | | | |
| STD DS11 | Standard | | | |
| STD DS11 | Standard | | | |
| STD DS11 | Standard | | | |
| STD DS11 | Standard | | | |
| STD DS11 | Standard | | | |
| STD GC-7 | Standard | 0.559 | 21.26 | 647 |
| STD OREAS133B | Standard | 0.032 | 10.89 | 106 |
| STD OXC129 | Standard | | | |
| STD OXC129 | Standard | | | |
| STD OXC129 | Standard | | | |
| STD OXC129 | Standard | | | |
| STD OXC129 | Standard | | | |
| STD OXC129 | Standard | | | |
| STD CDN-PGMS-19 Expected | | | | |
| STD OXC129 Expected | | | | |
| STD DS11 Expected | | | | |
| STD GC-7 Expected | | 0.555 | 22.06 | 624 |
| STD OREAS133B Expected | | 0.032 | 11.12 | 104 |
| BLK | Blank | | | |
| BLK | Blank | | | |
| BLK | Blank | | | |
| BLK | Blank | | | |
| BLK | Blank | | | |
| BLK | Blank | | | |
| BLK | Blank | | | |
| BLK | Blank | | | |
| BLK | Blank | <0.001 | <0.01 | <2 |
| Prep Wash | | | | |

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# QUALITY CONTROL REPORT VAN17002507.1

| | | WGHT | FA330 | FA330 | FA330 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Wgt | Au | Pt | Pd | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi |
| | | kg | ppb | ppb | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm |
| | | 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 |
| ROCK-VAN | Prep Blank | | | | | 0.6 | 4.2 | 0.9 | 37 | <0.1 | 0.9 | 4.3 | 543 | 1.65 | 1.4 | <0.5 | 1.9 | 20 | <0.1 | <0.1 | <0.1 |
| ROCK-VAN | Prep Blank | | | | | 0.7 | 5.2 | 1.0 | 38 | <0.1 | 0.9 | 4.6 | 565 | 1.69 | 1.3 | <0.5 | 1.8 | 20 | <0.1 | <0.1 | <0.1 |

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Report Date: December 06, 2017



# QUALITY CONTROL REPORT VAN17002507.1

| | | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| | | ppm | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | | 2 | 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 |
| ROCK-VAN | Prep Blank | 21 | 0.68 | 0.040 | 6 | 2 | 0.51 | 38 | 0.065 | 2 | 0.88 | 0.050 | 0.06 | <0.1 | <0.01 | 2.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| ROCK-VAN | Prep Blank | 21 | 0.68 | 0.038 | 5 | 2 | 0.52 | 40 | 0.066 | 2 | 0.93 | 0.068 | 0.07 | <0.1 | <0.01 | 2.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

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# QUALITY CONTROL REPORT VAN17002507.1

| | | AQ374 | AQ374 | AQ374 |
|---|---|---|---|---|
| | | Cu | Zn | Ag |
| | | % | % | gm/t |
| | | 0.001 | 0.01 | 2 |
| ROCK-VAN | Prep Blank | | | |
| ROCK-VAN | Prep Blank | | | |

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