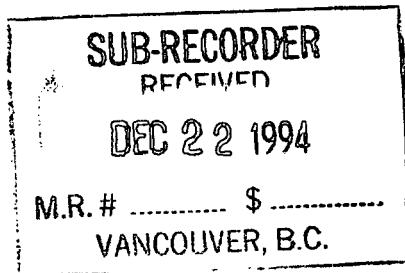


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**GEOLOGICAL, GEOCHEMICAL  
GEOPHYSICAL AND LINECUTTING  
REPORT  
ON THE  
MARIPOSITE PROPERTY**

**N.T.S.: 94D/8&9**



**FILMED**

**Author:** D.G. Gill, P.Geo.  
**Owner:** Hemlo Gold Mines, Inc.  
**Date:** November, 1994

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**23,682**

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## **1.0 INTRODUCTION**

Between the dates of July 20 and September 17, 1994 Noranda personnel acting as agent for Hemlo Gold Mines Inc. conducted a geological, geochemical, linecutting and magnetometer survey over an area of anomalous gold in soil detected in a 1993 regional sampling programme. The mapping portion of the survey concentrated on ankerite, sericite alteration intensities as well as structural observations and quartz vein frequency.

A total of 717 soils, 195 rocks and 32.4 line kilometers of grid were collected and established during this program. 29.05 line kilometers of magnetometer surveying was later completed on the property.

### **1.1 Location and Access**

The Mariposite property is located approximately 200 kilometers north-northeast of Smithers, B.C. on N.T.S. Mapsheets 94D/8 & 9 in the Omineca Mining Division.

Access to the property was achieved via helicopter based at the east end of Johanson Lake located 10 kilometers north-northeast from the property.

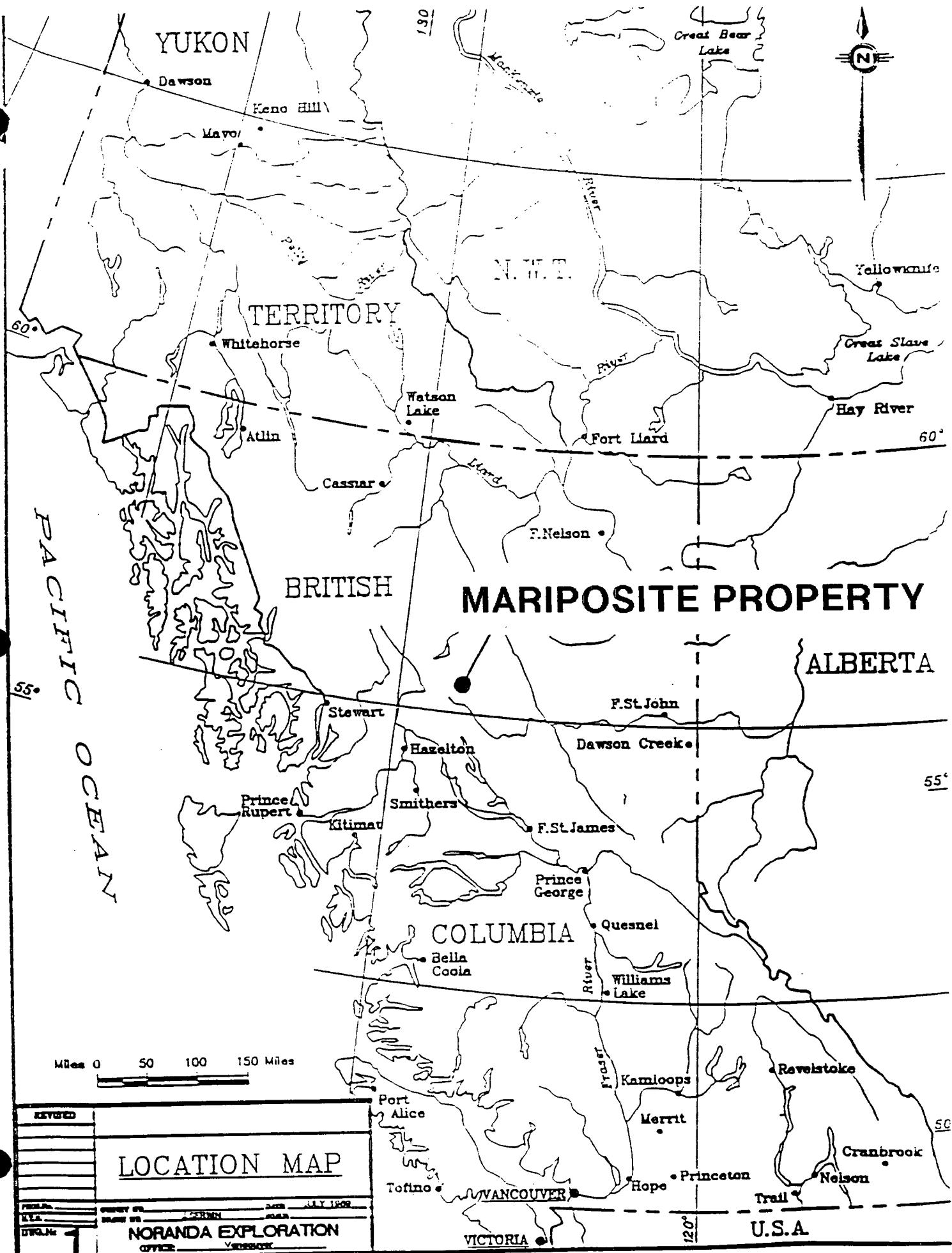
### **1.2 Topography and Physiography**

The Mariposite property is situated within the Osilinka Ranges and is drained to the west by Mariposite Creek (headwaters of Goldway Creek) and the headwaters of Dortatelle Creek to the south. The claims are all above treeline and terrain ranges from flat in the broad east-west trending valley that bisects the property to steep on the mountain located in the north portion of the property. Elevations range from 1260 meters to 2160 meters.

### **1.3 History**

Below is a brief outline of documented work performed on the Mariposite property and surrounding areas in chronological order:

- 1930's: Consolidated Mining and Smelting Company explored for lode gold occurrences to the east and southeast of the Soup at Porphyry Creek, Croydon Creek and Granite Basin.
- 1946-48: Springer Sturgeon Gold Mines explored auriferous quartz veins known as the Solo, Bruce and Ginger B occurrences.



- 1963: This year saw the beginning of exploration on the Davie Creek moly prospect which continued through to 1983 by such companies as Riocanex, Teck, Chevron and Getty Canadian Metals.
- 1964: Southwest Potash Corp. (Amax) conducted mapping and chip sampling of the southern-most Soup skarn horizons.
- 1965: Mapping by K.C. McTaggart revealed the skarn horizon varied in width from 10 to 100 feet and extended discontinuously for over 8,000 feet.
- 1971: Three x-ray holes (70 feet) were drilled into the skarn horizon at one location on the Soup 10 claim by Falconbridge Nickel Mines Ltd.
- 1975: An ore microscopy study was performed on a number of mineralized skarn samples by A.J. Sinclair.
- 1976: A magnetic profiling and modeling survey was conducted by A.J. Sinclair which revealed a stratiform magnetic occurrence with dips of 20 to 30°E.
- 1977: A rock chip sampling program was conducted by BP minerals along eleven cross-lines through the skarn horizons.
- 1980-81: Vital Resources Ltd. optioned the claims and subsequently performed a limited soil survey across the skarn horizon stratigraphy.
- 1982: Noranda Exploration Company, Limited optioned the claims from Vital and conducted soil and rock chip sampling as well as magnetometer surveying.
- 1984: Detailed mapping as well as talus-fine and rock chip geochemistry was done by BP Resources Canada Ltd. The geochem survey revealed anomalous Au zones exist stratigraphically above the skarn horizons.
- 1986-87: A detailed magnetometer survey and systematic rock-chip sampling was completed by Lemming Resources Ltd. One new skarn zone was discovered as mineralized talus.
- 1989: A seven hole (1112 feet) diamond drill hole programme was completed by Athlone Resources Ltd. Drilling was focused on skarn horizons as well as northeast-southwest crosscutting structural features which contained discordant magnetite-pyrite-chalcopyrite mineralization.

- 1990: Teck Explorations Ltd. completed a detailed large-scale mapping and prospecting programme as well as systematically sampling the skarn occurrences in the southeast portion of the property. Teck recommended further mapping to assess the porphyry Cu-Au potential on the property.
- 1993: Noranda conducted a 288 test pit and 6 hole reverse circulation drilling programme on the Kliyul property as well as cursory mapping and sampling of the Joh, Croydon, Darb and Soup properties.

#### **1.4 Claims**

The Mariposite property is comprised of 3, 20 unit mineral claims, 1, 12 unit claim and 1, 1 unit claim for a total of 73 units. A list of the claims with corresponding tenure numbers, anniversary dates and owners follows.

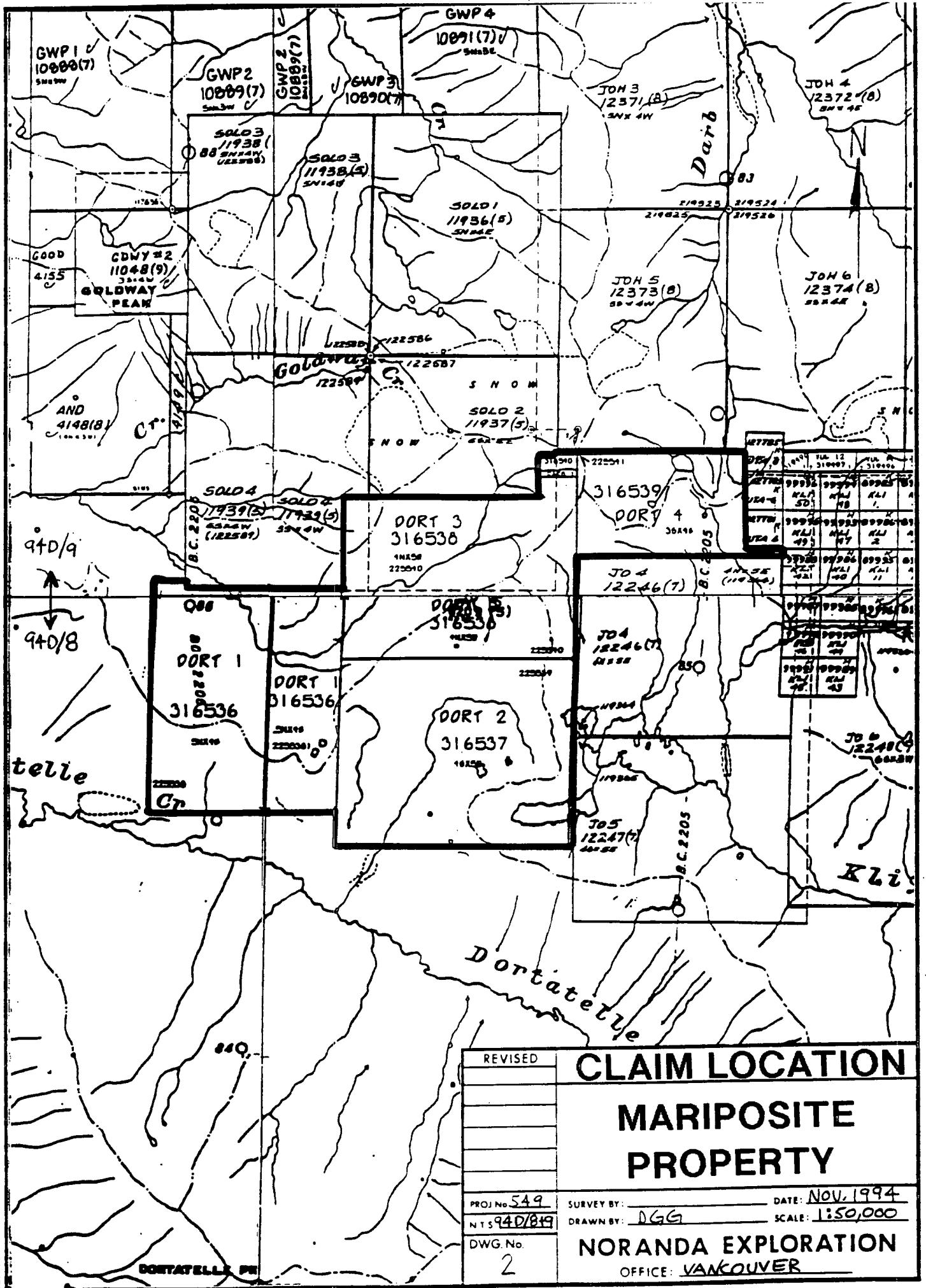
<b>CLAIM NAME</b>	<b>TENURE NO.</b>	<b>UNITS</b>	<b>ANNIVERSARY DATE</b>	<b>OWNER</b>
Darb 1	316540	1	March 10, 2000	Hemlo Gold Mines Inc.
Dort 1	316536	20	March 10, 2000	" " " "
Dort 2	316537	20	March 10, 2000	" " " "
Dort 3	316538	20	March 10, 2000	" " " "
Dort 4	316539	12	March 10, 2000	" " " "

#### **1.5 Economic Potential**

An extensive area of quartz veined, well fractured, ankerite, sericite altered epiclastic volcanics extending for +3.0 kilometers and averaging 500 meters in width is semi-coincident with a >100 ppb Au in soil anomaly indicating that the potential for epithermal style gold mineralization may exist on this property.

#### **1.6 Survey Control**

The surveying of the flagged and picketed grid lines was conducted with the aid of a compass and metric hipchain and were tied into topographic features. All lines were sloped corrected and the establishment of 32.4 line kilometers of grid is being applied for assessment within this report. Lines were established at 100 and 200 meter intervals off the baselines with stations being established every 25 meters.



## **1.7    Sampling**

Soil sampling was conducted along metrically chained lines with samples taken every 50 meters to the depth of 5-45 cm with the aid of a shovel or mattock. Soils were collected in brown kraft envelopes for drying, storage, and shipping purposes and sent to Noranda Exploration at Unit #1, 7550 - 76th Street, Delta, B.C. Rock samples were collected as grabs or chips whenever representative, altered and/or mineralized formations were encountered.

Please refer to Appendix I for the laboratory analytical techniques and Appendix II for sample assay values and descriptions where applicable.

A total of 717 soils and 199 rocks and their accompanying analytical charges are being applied for assessment.

## **2.0 GEOLOGY**

### **2.1 Regional Geology (See Drawing #3)**

The Mariposite property is situated within the Intermontane Belt which is comprised of Upper Triassic to Lower Jurassic Island arc volcanics, volcaniclastics and sediments of the Takla Group which hosts such Cu-Au porphyry deposits as Mt. Milligan and Kemess. The dominantly volcanic package has been intruded by Jura-Cretaceous aged diorites, monzonites and syenites associated with the Hogem Batholith.

Prominent structural features in the area include NW, E-W, N-S, and NNE-SSW trending fault systems.

### **2.2 Property Geology**

An area of 2.9 square kilometers was mapped during this programme at a scale of 1:5,000 using flagged and picketed grid lines and topographic features for reference. Mapping began in the northern section of the gridded area between lines 660N and 649N and ended to the south of a large, east-west trending glacial valley between lines 639N and 629 N.

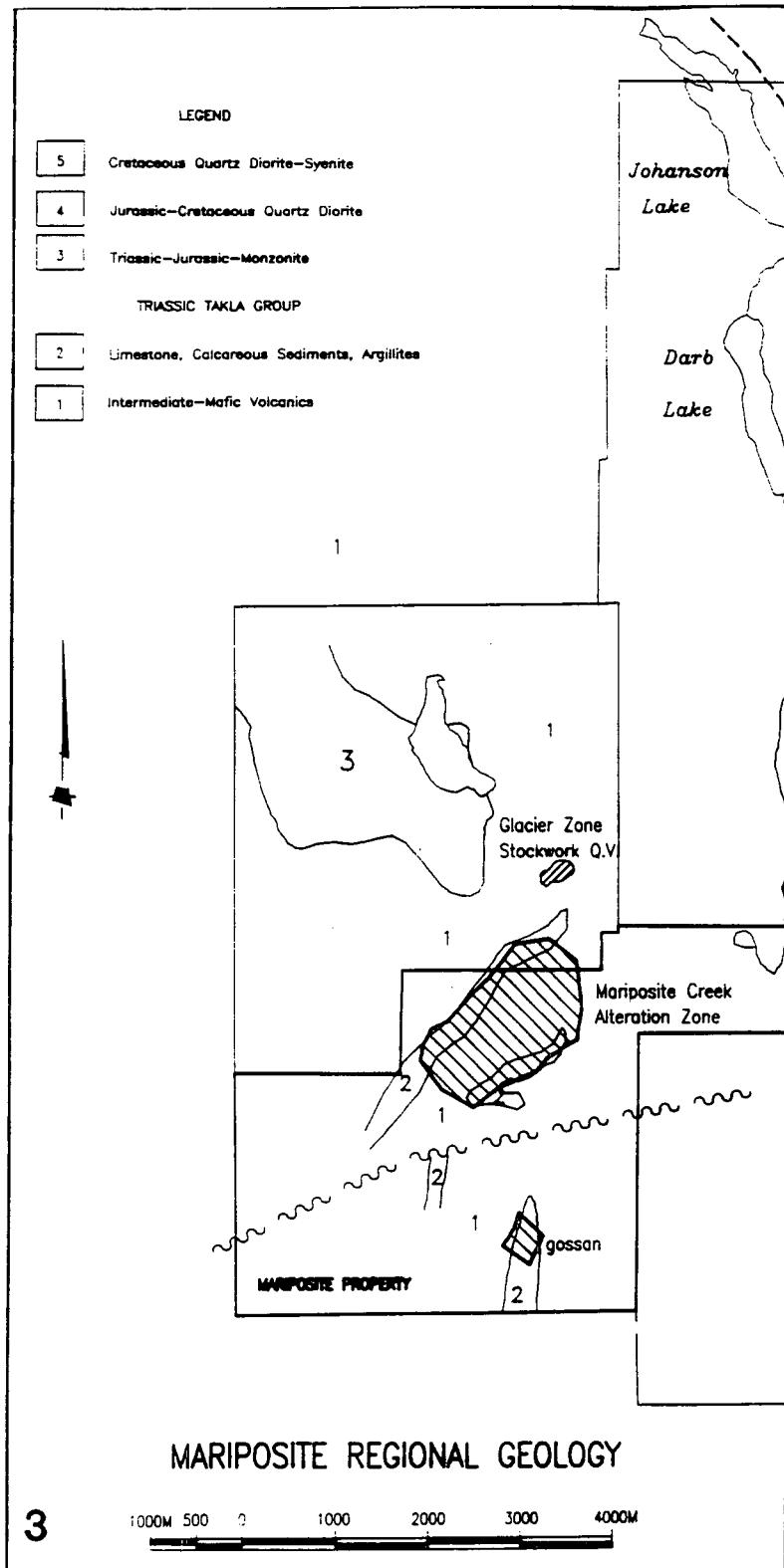
The most dominant rock type in the northern section appears to be a reworked, foliated volcanic derived sedimentary unit of andesitic composition. Beds within this unit range in thickness from several centimeters to 0.5 meters on average. Locally clastic andesitic volcanics and augite-feldspar phryic andesites are seen toward the eastern section of this survey area.

In the southern mapped area the grid is dominantly underlain by fine grained, weakly foliated, andesite tuffs, and local interbedded volcanic sediments to the west while less sediments appear in the eastern half which is comprised of andesitic ash, crystal and lapilli tuffs.

Overall bedding orientations of the entire grid area strike from between 330° and 24° with dips of between 10° to 56° east suggesting some intraformational folding. Foliation of the volcanic-sedimentary sequence was seen to increase toward the north with dominant attitudes of north-northwest, north and north-northeast dipping between 70° and 90° both east and west.

Two dominant fault orientations were seen trending northeast and northwest with dips of between 60° and 90° east in the northern section of the survey area and it is postulated that a major, buried, northeast trending fault exists along the creek bottom between line 652N, 702E and line 660N, 719E due to increased fracturing, quartz veining, alteration and interpreted ground magnetic breaks (see geophysics survey).

Fracturing and jointing was also observed to increase in intensity to the north with northeast and northwest fracture sets being the most dominant.



In addition an increase in quartz vein filling was noted in the northern section of the grid. These veins, up to 0.5 meters thick but averaging 5-10 centimeters in width, basically follow the fracture/joint sets. Of these veins one set exhibits well pronounced pinch and swell characteristics and is generally of limited extent. The other type is rather uniform in thickness and occurs over tens of meters along strike.

Additional smaller veinlets are present and occur in a more random 'stockwork' type orientation. These veins occur as grey to milky white and contain from 0 to 1-2% pyrite on average.

Note: For the purpose of this report the geological units noted above are not shown on the map labeled geology. Rather, the outcrop locations and structural measurements only are depicted referenced to topography and grid lines. This approach was taken as it was felt that the gold anomalies were not bound by geological contacts but existed in areas of increased alteration, gossan, veins and structural complexities.

The two main types of alteration mapped on this grid were ankerite and sericite which, in the case of the former, occurs as fracture fillings and in increasing amounts of pervasive flooding ranging from weak through moderate to strong. Ankerite altered rock exhibits a reddish-brown-orange weathered surface and an oxidized boxwork (very much like remnant pyrite) texture on fresher surfaces. The sericite occurs as alteration of feldspar phenocrysts within the epiclastic pile and along foliation planes forming a grey-green ghosty appearance of the feldspars. Sericite was also mapped from weak to strong.

Referring to Drawing 4 it is apparent that the strongest zones of ankerite alteration exist in an area measuring 1600 m x 600 m (north-south) north of line 660N south to 650N where bedrock is obscured by overburden and again between lines 639N to 629N in the southern portion of the grid measuring 1000 m x 100 to 400 m. In both cases the stronger zones are generally flanked by and surround smaller zones of moderately altered ankeritic rocks which in turn grade to weakly altered ankeritic material to the east and west.

Similarly the mapped zones of sericite altered rocks occupy the same general locations in the north half of the survey area and grade to lower amounts within the south portion where no strong sericite alteration was observed.

Sulfide mineralization on the property is restricted to pyrite and very rarely pyrrhotite which occurs occasionally within quartz veins and at other times as fine to very fine grained disseminations from trace to 2% with a general increase in pyritization occurring where more anomalous zones of ankerite and sericite coincide.

### **3.0 GEOCHEMISTRY**

The objective of the 1994 geochemical survey was to better define the zone of anomalous gold located in the vicinity of lines 645N to 654N between approximately 712E and 717E originally detected by a regional sampling programme done by Noranda in 1993.

A total of 717 soils and 195 rocks were collected during the reporting period described in this report. Below is a brief discussion of the gold in soil results obtained which are depicted on Drawing 8 and contoured at 100, 300 and 1000 ppb intervals. Drawing 7 shows rock sample locations and corresponding sample number and gold result in ppb. Refer to Appendix II for soil and rock assay results and descriptions of the samples taken where applicable.

#### **3.1 GOLD GEOCHEMISTRY**

Of the 717 soils collected over the grid area the lowest value obtained was 5 ppb while the highest value was 5500 ppb. Contouring of the 100 ppb gold values reveals two large north-south trending anomalies. The first is centered at 715E on line 649N and extends northward across line 660N for an overall dimension of 1800 m x 400-700 m and remains open to the north.

The second main gold anomaly exists immediately to the west of the first and measures 1100 m x 150-400 m extending from line 650N, 70750E to line 660N, 70575E.

Contouring of the 300 ppb and 1000 ppb zones within the broader anomalies reveals a more north-northwest trend to the anomalies which correlates with some of the fracture/joint, quartz vein and foliation orientations mentioned above.

A smaller north-south trending, >100 ppb Au anomaly is also located between lines 647N and 641N but for the most part is a single station anomaly to the south. Only several spot anomalous areas were detected in the southern portion of the survey area where fracturing, veining and ankerite, sericite alteration are seen to diminish.

Of the 195 rock samples collected 17 returned values of over 0.25 gpt Au. The majority of these samples occur on the highly fractured ridge located between lines 651N and 659N and are coincident with areas of moderate to strong ankerite and sericite alteration. These samples and their corresponding gold values are listed below.

<u>SAMPLE NO.</u>	<u>AU (ppb)</u>	<u>SAMPLE NO.</u>	<u>AU (ppb)</u>
DC 0014	250	PM 0250	1200
DC 0015	340	PM 0285	970
DC 0016	3600	PM 0394	680
DC 0037	860	PM 0395	290
GG 0359	320	PM 0398	1120
GG 0360	510	PM 0400	2700
KP 0224	9700	PM 0409	1800
KP 0226	330	RL 0040	400
KP 0259	340		

## 4.0 GEOPHYSICS

### 4.1 Ground Magnetic Survey

In August, 1994 Peter E. Walcott and Associates Ltd. was contracted to collect ground magnetometer readings on the Mariposite Property. The operators involved in the survey were Alex Walcott, Gary MacMillan and Wim Daenens. EDA OMNI + base and mobile magnetometers were employed throughout the survey.

Twenty-four lines were surveyed covering a total of 29.05 line kilometers. Stations were spaced ever 12.5 meters.

Portions of the grid were not surveyed to rugged topography. All grid lines and stations were tied to UTM co-ordinates in the field. Total field intensity of the measurements range between 57,424 nT and 59,441 nT. The majority of the magnetic highs are narrow (near surface) with short strike lengths. The dip appears steep to vertical in most instances. A zone of lower magnetic relief lies between lines 63900N and 64900N west of 71300E. The magnetic intensity is strongest over the more volcanic-rich units diminishing over the metasediments. The fabric is generally north-south.

Several "breaks" and lineaments were interpreted using the Total Field Magnetics, First Vertical Derivation and moving shadow plots in GEOSOFT MapView.

Three distinct trends emerged. North-south magnetic lineaments sub-parallel to the Doretelle Fault, cross-cutting southwest-northeast "breaks" and northwest-southeast "breaks". All of the interpreted breaks are shown superimposed on the 1:5,000 contour plan.

The significance of the magnetic features and breaks remains to be determined. The correlation with known geology and the previously collected aeromagnetics is good.

## **5.0 CONCLUSIONS**

1. Geological mapping has determined that the survey area is underlain by reworked, foliated, volcanic derived sediments of andesite composition with minor interbeds of andesitic tuffs which strike between 330° and 024° with dips of 10° to 56° East.
2. The most intense alteration observed on the grid was both ankerite and sericite, both of which increase in intensity to the north and occur along fracture planes and foliation as well as pervasively.
3. Increased foliation and faulting with orientations of north-northwest, north, north-northeast dipping 70° to 90° east and west and northeast and northwest dipping 60° to 90° east respectively occurs in the same areas of more intense alteration. These trends are also confirmed by the ground magnetics survey.
4. Fracturing, jointing and quartz vein occurrences are also more abundant over the area of more intense alteration which measures 1600 m x 600 m and is open to the north.
5. A 1800 m x 400-700 m gold in soil anomaly was detected and occurs semi-coincident with the areas of increased alteration, fracturing, faulting and veining. Contouring of higher gold content reveals the anomalies may be oriented in a more north-northwest direction.
6. All anomalous gold in rock anomalies (>0.25 gpt) were returned from quartz veined host rock.

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**APPENDIX I**  
**LABORATORY ANALYTICAL TECHNIQUES**

## ANALYTICAL METHOD DESCRIPTIONS FOR GEOCHEMICAL ASSESSMENT REPORTS

The methods listed are presently applied to analyse geological materials by the Noranda Geochemical Laboratory at Vancouver.

### Preparation of Samples:

Sediments and soils are dried at approximately 80°C and sieved with a 80 mesh nylon screen. The -80 mesh (0.18 mm) fraction is used for geochemical analysis.

Rock specimens are pulverized to -120 mesh (0.13 mm). Heavy mineral fractions (panned samples \* from constant volume), are analysed in its entirety, when it is to be determined for gold without further sample preparation.

### Analysis of Samples:

Decomposition of a 0.200 g sample is done with concentrated perchloric and nitric acid (3:1), digested for 5 hours at reflux temperature. Pulps of rock or core are weighed out at 0.4 g and chemical quantities are doubled relative to the above noted method for digestion.

The concentrations of Ag, Cd, Co, Cu, Fe, Mn, Mo, Ni, Pb, V and Zn can be determined directly from the digest (dissolution) with a conventional atomic absorption spectrometric procedure. A Varian-Techtron, Model AA-5 or Model AA-475 is used to measure elemental concentrations.

### Elements Requiring Specific Decomposition Method:

Antimony - Sb: 0.2 g sample is attacked with 3.3 ml of 6% tartaric acid, 1.5 ml conc. hydrochloric acid and 0.5 ml of conc. nitric acid, then heated in a water bath for 3 hours at 95°C. Sb is determined directly from the dissolution with an AA-475 equipped with electrodeless discharge lamp (EDL).

Arsenic - As: 0.2 - 0.3 g sample is digested with 1.5 ml of perchloric 70% and 0.5 ml of conc. nitric acid. A Varian AA-475 equipped with an As-EDL is used to measure arsenic content in the digest.

Barium - Ba: 0.1 g sample digested overnight with conc. perchloric, nitric and hydrofluoric acid; Potassium chloride added to prevent ionization. Atomic absorption using a nitrous oxide-acetylene flame determines Ba from the aqueous solution.

Bismuth - Bi: 0.2 - 0.3 g is digested with 2.0 ml of perchloric 70% and 1.0 ml of conc. nitric acid. Bismuth is determined directly from the digest with an AA-475 complete with EDL.

**Gold - Au:** 10.0 g sample is digested with aqua regia (1 part nitric and 3 parts hydrochloric acid). Gold is extracted with MIBK from the aqueous solution. AA is used to determine Au.

**Magnesium - Mg:** 0.05 - 0.10 g sample is digested with 4 ml perchloric/nitric acid (3:1). An aliquot is taken to reduce the concentration to within the range of atomic absorption. The AA-475 with the use of a nitrous oxide flame determines Mg from the aqueous solution.

**Tungsten - W:** 1.0 g sample sintered with a carbonate flux and thereafter leached with water. The leachate is treated with potassium thiocyanate. The yellow tungsten thiocyanate is extracted into tri-n-butyl phosphate. This permits colourimetric comparison with standards to measure tungsten concentration.

**Uranium - U:** An aliquot from a perchloric-nitric decomposition, usually from the multi-element digestion, is buffered. The aqueous solution is exposed to laser light, and the luminescence of the uranyl ion is quantitatively measured on the UA-3 (Scintrex).

**N.B.:** If additional elemental determinations are required on panned samples, state this at the time of sample submission. Requests after gold determinations would be futile.

**LOWEST VALUES REPORTED IN PPM:**

Ag - 0.2	Mn - 20	Zn - 1	Au - 0.01
Cd - 0.2	Mo - 1	Sb - 1	W - 2
Co - 1	Ni - 1	As - 1	U - 0.1
Cu - 1	Pb - 1	Ba - 10	
Fe - 100	V - 10	Bi - 1	

**APPENDIX II**

**SOIL AND ROCK GEOCHEMICAL RESULTS AND DESCRIPTIONS**

**NORANDA DELTA LABORATORY**  
**Geochemical Analysis**

Project Name & No.: MARIPOSITE - 45549  
Material: 24 Soils

Geol.: G.G.  
Sheet: 1 of 1

Date received: SEP. 21  
Date completed: OCT. 03

LAB CODE: 9409-034

Remarks:  
• Sample screened @ -35 MBSII (0.5 mm)

■ Organic, A Humus, S Sulfide

Au - 10.0 g sample digested with aqua-regia and determined by A.A. (D.L. 5 PPB)

ICP - 0.2 g sample digested with 3 ml HClO<sub>4</sub>/HNO<sub>3</sub> (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
3	65200N - 71025E	15	0.2	3.27	9	575	0.6	5	0.50	0.2	28	24	53	151	5.62	0.15	14	19	2.24	1261	1	0.03	35	0.09	9	38	0.20	241	95
4	71075	5	0.4	4.46	21	1128	0.5	5	1.47	0.2	35	33	51	215	6.37	0.49	13	26	2.24	1381	1	0.03	41	0.12	2	165	0.35	254	89
5	71125	55	1.0	3.95	22	776	0.6	5	0.58	0.3	32	26	38	157	6.24	0.60	15	23	1.65	1721	1	0.03	30	0.10	11	49	0.16	224	94
6	71175	195	0.4	4.04	48	538	1.0	5	0.51	0.2	30	37	57	152	6.84	0.54	14	20	1.34	1195	1	0.04	42	0.14	10	45	0.16	223	91
7	65200N - 71225E	300	0.6	4.74	44	542	0.7	5	0.66	0.3	33	46	56	185	7.96	0.63	15	28	1.73	1688	1	0.06	56	0.09	10	141	0.19	248	131
8	65200N - 71275E	55	0.4	4.54	25	462	0.5	5	1.17	0.3	37	36	61	167	6.93	0.63	15	26	2.31	1273	1	0.04	51	0.08	2	128	0.27	253	104
9	71325	310	0.6	4.06	35	599	0.7	5	0.57	0.2	29	44	56	171	7.27	0.67	15	24	1.46	1526	1	0.06	52	0.08	2	68	0.18	239	115
10	71375	110	0.4	4.49	38	440	0.7	5	0.43	0.3	29	32	40	137	6.74	0.44	15	26	1.55	1947	1	0.06	33	0.13	2	45	0.22	198	121
11	71425	340	0.8	4.55	25	541	0.5	5	0.62	0.6	29	32	58	162	6.47	0.63	14	28	1.65	1256	1	0.06	40	0.09	2	71	0.15	225	112
12	65200N - 71475E	280	0.6	4.09	34	679	0.5	5	0.51	0.5	29	43	54	156	6.62	0.68	15	28	1.57	1576	1	0.06	48	0.08	2	66	0.17	207	117
13	65200N - 71525E	1400	0.6	4.03	31	596	0.7	5	0.30	0.4	28	30	58	117	6.48	0.66	15	24	1.22	1233	1	0.06	41	0.10	2	49	0.18	201	115
14	71575	240	1.0	4.07	40	663	0.7	5	0.35	0.3	26	34	74	149	6.95	0.78	14	20	0.91	1118	1	0.11	48	0.10	4	70	0.10	214	117
15	71625	1100	1.2	4.94	27	752	0.8	5	0.39	0.8	30	37	55	140	6.81	1.05	15	22	1.06	1331	1	0.11	45	0.10	12	59	0.10	223	118
16	71675	70	0.2	4.63	65	462	0.6	5	0.43	0.8	26	28	81	122	6.25	0.51	14	30	1.84	1078	1	0.06	46	0.15	4	45	0.17	255	121
17	65200N - 71725E	190	0.6	4.36	20	550	0.6	5	0.35	0.6	24	33	50	128	6.14	0.79	14	26	1.26	1190	1	0.10	43	0.09	2	41	0.11	209	101
18	65200N - 71775E	80	0.4	5.15	26	543	0.7	5	0.48	0.4	27	28	46	142	6.23	0.80	16	30	1.39	1076	1	0.12	36	0.12	3	43	0.11	231	94
19	65400N - 71425E	190	0.4	5.38	16	775	0.5	5	1.23	1.2	39	45	40	192	7.39	0.78	17	30	2.75	2389	1	0.04	42	0.11	2	90	0.24	256	130
20	71475	520	1.4	4.38	22	451	0.5	5	0.76	1.1	35	56	48	201	7.62	0.61	17	29	1.95	1633	1	0.05	52	0.10	6	82	0.20	223	113
21	71525	480	1.0	4.39	74	530	0.5	5	0.48	0.2	28	65	81	296	6.91	0.47	15	28	1.81	2149	1	0.07	59	0.08	2	83	0.21	235	105
22	65400N - 71575E	540	1.8	4.88	15	957	1.0	5	0.27	0.2	21	38	52	148	7.55	1.44	12	16	0.73	1602	1	0.10	48	0.11	8	45	0.06	237	134
23	65400N - 71625E	300	1.2	5.05	13	739	0.8	5	0.42	0.2	33	57	49	236	7.35	1.05	15	37	1.31	2026	1	0.09	53	0.10	2	56	0.11	242	126
24	71675	270	1.0	4.56	31	710	0.6	5	0.43	0.3	32	44	56	206	7.04	0.88	15	31	1.64	1758	1	0.07	58	0.10	2	42	0.17	251	124
25	71725	85	0.6	5.94	10	617	0.7	5	0.48	0.2	35	37	36	193	6.68	0.91	15	38	1.61	1693	1	0.17	40	0.10	4	48	0.11	261	105
26	65400N - 71775E	50	0.6	5.14	6	431	0.4	5	0.91	0.6	33	36	39	179	6.59	0.68	13	42	2.92	1247	1	0.08	43	0.08	2	46	0.17	249	92

DS/w 66 GB  
+ 1111111111

**NORANDA DELTA LABORATORY**  
**Geochemical Analysis**

**Project Name & No.:** MARIPOSITE - 45549  
**Material:** 481 Soils

**Remarks:**  
 • Sample screened @ -35 MESII (0.5 mm)  
 □ Organic, ▲ Humus, S Sulfide

**Geol.: G.G.**  
 Sheet: 1 of 11

**Date received:** AUG. 05  
**Date completed:** AUG. 17

**LAB CODE:** 9408-019

Au - 10.0 g sample digested with aqua-regia and determined by A.A. (D.L. 5 PPB)

ICP - 0.2 g sample digested with 3 ml HClO<sub>4</sub>/HNO<sub>3</sub> (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
3	629N - 71000E	5	0.2	6.43	6	497	0.2	5	0.30	0.5	30	37	54	67	7.92	0.63	8	29	3.71	727	1	0.03	64	0.12	2	19	0.35	313	111
4	71050	5	0.2	5.04	12	108	0.2	5	2.71	0.3	46	15	29	29	5.01	0.15	10	13	1.54	532	1	0.08	22	0.07	2	169	0.34	219	74
5	71100	5	0.2	5.84	19	177	0.2	5	2.55	0.7	43	32	25	60	7.04	0.32	9	15	2.92	757	1	0.04	35	0.06	2	174	0.55	275	135
6	71150	10	0.2	4.69	18	205	0.2	5	1.76	0.4	44	24	37	82	5.87	0.24	10	22	2.13	908	1	0.09	32	0.11	2	73	0.31	207	92
7	629N - 71200E	10	0.2	5.32	54	480	0.3	5	1.19	0.9	43	39	48	101	8.01	0.54	11	25	1.67	1926	1	0.07	35	0.14	12	57	0.21	228	114
8	629N - 71250E	65	0.2	3.60	37	467	0.2	5	1.19	1.2	42	34	34	70	6.13	0.46	11	14	0.90	3845	4	0.06	24	0.24	7	53	0.14	129	121
9	71300 □	40	0.4	2.63	167	382	0.2	5	2.48	2.0	42	22	21	156	4.06	0.21	10	14	1.04	1582	4	0.04	21	0.19	5	97	0.17	154	88
10	71350	20	0.2	3.82	91	141	0.2	5	1.10	0.8	42	13	33	47	5.10	0.15	11	15	1.30	538	1	0.05	16	0.17	7	100	0.28	217	87
11	71400	5	0.2	4.73	8	173	0.3	5	1.82	0.5	43	20	42	54	5.72	0.16	11	22	2.10	571	1	0.08	29	0.10	2	82	0.34	240	86
12	629N - 71450E *	5	0.2	1.36	8	477	0.2	5	3.14	0.7	38	16	36	57	2.39	0.10	7	10	0.78	929	1	0.03	20	0.13	2	72	0.09	89	43
13	629N - 71500E	5	0.2	6.31	2	885	1.2	5	0.30	0.4	36	32	30	45	8.08	0.77	10	35	2.88	1088	1	0.04	34	0.11	4	18	0.35	374	152
14	71550	15	0.2	3.78	10	234	0.3	5	0.80	0.5	40	23	27	65	5.61	0.17	10	22	1.78	1284	1	0.05	21	0.17	4	37	0.28	215	90
15	71600	20	0.2	4.16	9	251	0.2	5	1.12	0.6	45	25	40	118	6.24	0.23	11	23	2.26	713	1	0.06	34	0.11	2	41	0.31	266	129
16	71650	5	0.2	5.16	3	220	0.2	5	0.52	0.6	38	32	40	123	7.27	0.20	9	32	2.47	1335	1	0.04	31	0.14	2	27	0.33	280	118
17	629N - 71700E	5	0.2	4.26	5	241	0.2	5	1.31	0.5	43	21	35	69	5.47	0.25	10	25	1.99	778	1	0.06	27	0.18	3	59	0.26	198	115
18	629N - 71750E	40	0.2	4.21	7	98	0.2	5	0.94	0.6	42	27	66	59	6.36	0.10	9	23	2.29	1149	1	0.05	35	0.19	4	79	0.40	294	100
19	71800	45	0.4	5.25	11	201	0.2	5	2.33	0.7	42	26	41	243	5.59	0.27	12	32	2.02	959	1	0.10	46	0.15	3	89	0.28	202	96
20	71850	25	0.2	5.10	3	109	0.2	5	2.34	0.6	41	19	39	41	5.60	0.19	10	13	1.62	737	1	0.11	23	0.10	2	83	0.30	193	80
21	71900	5	0.2	5.51	2	123	0.3	5	2.63	0.5	39	20	35	57	5.54	0.16	9	14	1.88	717	1	0.13	25	0.11	2	84	0.30	176	76
22	629N - 71950E	5	0.2	5.02	2	138	0.2	5	2.33	0.3	40	22	30	97	5.39	0.23	9	21	2.00	740	1	0.12	28	0.09	2	86	0.26	177	75
23	629N - 72000E	5	0.2	5.12	10	250	0.3	5	1.81	0.4	43	21	30	132	5.43	0.31	11	27	2.02	715	1	0.10	26	0.19	2	66	0.27	181	111
24	631N - 71250E	20	0.2	3.87	6	1628	1.1	5	0.21	0.3	30	46	110	105	8.74	0.78	10	18	1.32	1138	1	0.04	71	0.10	3	38	0.08	303	115
25	71300	35	1.0	2.90	12	1174	1.0	5	0.35	0.5	34	30	105	136	7.52	0.39	10	12	1.00	915	1	0.05	51	0.10	3	32	0.09	243	136
26	71350	10	0.2	3.09	6	1126	0.9	5	0.45	0.3	32	29	101	40	7.57	0.45	9	16	1.28	1075	1	0.04	47	0.18	6	27	0.09	178	142
27	631N - 71400E	15	0.2	4.53	2	632	0.3	5	0.40	0.2	30	27	22	54	6.42	0.33	8	25	2.08	998	1	0.05	22	0.10	2	16	0.23	172	92
28	631N - 71450E	20	0.6	3.42	2	386	0.4	5	1.57	0.3	40	25	27	83	5.47	0.32	9	17	1.47	1222	1	0.06	27	0.13	2	57	0.19	145	77
29	71500	50	0.2	3.25	6	689	0.4	5	0.57	0.3	30	30	43	43	7.09	0.67	8	11	0.83	1528	1	0.04	25	0.17	4	29	0.06	126	114
30	71550	125	0.2	3.42	2	341	0.2	5	0.39	0.7	28	37	25	88	7.12	0.24	9	25	1.72	950	1	0.06	26	0.10	2	14	0.20	182	126
31	71600	10	0.2	4.47	2	196	0.3	5	1.40	0.4	40	17	31	47	5.11	0.24	9	21	1.60	564	1	0.08	19	0.10	2	60	0.27	169	76
32	631N - 71650E	5	0.2	4.14	4	728	0.2	5	1.63	0.5	42	22	23	60	4.74	0.24	9	24	1.96	547	1	0.07	21	0.08	2	69	0.31	164	90
33	631N - 71700E	15	0.2	5.60	2	593	0.3	5	0.46	0.2	33	15	13	72	5.84	0.58	9	29	1.64	877	1	0.08	12	0.14	2	20	0.34	175	135
34	71750	5	0.2	4.93	8	144	0.2	5	2.77	0.2	41	24	34	46	5.45	0.20	9	17	2.15	821	1	0.15	28	0.10	2	81	0.31	189	77
35	71800	5	0.2	4.45	6	208	0.2	5	2.52	0.4	42	21	34	69	4.64	0.22	9	18	2.03	1193	2	0.11	30	0.10	2	88	0.29	177	86
36	71850	5	0.6	3.74	7	197	0.2	5	2.14	0.3	43	16	38	60	5.21	0.18	10	21	1.67	714	1	0.09	23	0.27	2	67	0.25	157	93
37	631N - 71900E	5	0.2	4.28	7	234	0.2	5	1.98	0.4	42	21	34	75	4.95	0.23	10	20	1.87	941	1	0.10	29	0.14	2	70	0.26	156	96

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm	Pg. 2 of 1
38	631N - 71950E	5	0.2	4.56	3	220	0.2	5	2.10	0.2	43	20	37	68	4.69	0.23	9	20	2.00	584	1	0.10	29	0.15	2	74	0.28	177	83	
39	632N - 71300E	195	0.4	2.95	30	473	0.7	5	0.38	0.6	32	30	22	97	7.59	0.41	11	15	1.03	877	1	0.05	21	0.10	3	22	0.23	162	150	
40	71350	200	0.8	3.12	7	585	0.4	5	1.34	0.7	41	34	23	79	7.66	0.46	12	15	1.15	1773	1	0.05	17	0.19	26	43	0.17	159	139	
41	71400 *	25	0.2	2.51	5	395	0.3	5	1.74	0.6	42	22	26	54	4.28	0.20	9	15	0.80	1723	1	0.05	18	0.22	2	46	0.19	118	76	
42	632N - 71450E	5	0.2	4.83	2	381	0.2	5	0.76	0.3	37	23	13	57	5.89	0.24	9	25	1.79	853	1	0.17	12	0.10	2	26	0.28	182	90	
43	632N - 71500E	70	0.2	4.83	2	198	0.3	5	0.76	0.2	36	21	19	69	6.09	0.24	10	26	1.87	639	1	0.12	18	0.17	2	35	0.24	164	118	
44	71550	10	0.2	5.25	2	229	0.4	5	1.76	0.3	54	19	43	60	5.62	0.29	14	19	1.69	755	1	0.09	26	0.12	2	79	0.33	171	93	
45	71600	10	0.2	5.25	2	245	0.2	5	2.37	0.4	46	25	27	105	5.68	0.37	12	22	2.28	900	1	0.12	30	0.09	2	94	0.31	187	102	
46	71650	10	0.2	5.04	3	142	0.2	5	2.25	0.3	45	19	37	55	5.50	0.21	10	17	1.84	696	1	0.11	26	0.11	2	93	0.32	186	79	
47	632N - 71700E	5	0.2	5.07	3	243	0.2	5	2.50	0.2	45	20	30	92	5.14	0.32	11	18	2.01	747	1	0.11	27	0.20	2	94	0.29	173	96	
48	632N - 71750E	5	0.2	4.99	13	246	0.2	5	2.40	0.3	46	24	28	86	5.55	0.34	11	20	2.04	889	1	0.13	29	0.10	2	92	0.31	192	85	
51	71800	10	0.2	4.64	7	294	0.2	5	2.21	0.3	45	20	31	60	5.03	0.31	10	18	1.85	728	1	0.10	27	0.09	2	91	0.28	167	74	
52	71850	15	0.2	4.60	14	259	0.2	5	1.50	0.4	42	25	30	88	5.33	0.31	10	18	1.83	783	1	0.09	30	0.09	2	53	0.28	167	84	
53	71900	5	0.2	4.63	3	310	0.2	5	1.62	0.5	49	21	27	103	5.59	0.26	13	28	2.00	605	1	0.07	25	0.11	3	69	0.39	166	104	
54	632N - 71950E *	5	0.2	1.54	6	167	0.2	5	1.83	0.8	42	6	22	147	1.03	0.12	9	8	0.43	119	1	0.03	19	0.09	3	46	0.09	51	33	
55	632N - 72000E	55	0.2	4.44	21	701	0.2	5	0.62	1.2	46	38	70	132	7.14	0.51	12	51	2.76	997	6	0.04	68	0.09	4	18	0.33	461	226	
56	633N - 71400E	45	0.2	4.27	14	412	0.2	5	0.94	0.4	51	27	20	72	6.63	0.42	13	23	1.37	992	1	0.18	23	0.12	2	44	0.30	179	112	
57	71450	295	0.2	3.63	12	349	0.2	5	1.38	0.6	50	22	46	41	4.54	0.38	10	28	1.57	2692	1	0.04	22	0.28	4	43	0.18	122	161	
58	71500	5	0.2	4.79	6	623	0.2	5	0.53	0.2	35	12	4	25	4.45	0.80	9	24	1.30	737	1	0.04	5	0.08	3	31	0.25	95	100	
59	633N - 71550E	5	0.2	4.87	7	373	0.2	5	1.49	0.4	37	27	32	74	5.26	0.26	9	23	2.69	1672	1	0.03	25	0.14	3	57	0.29	178	94	
60	633N - 71600E	125	0.2	3.44	7	143	0.2	5	0.16	0.3	28	40	5	176	9.25	0.15	10	14	0.96	1195	1	0.03	11	0.13	2	8	0.27	260	61	
61	71650	5	0.2	4.06	2	156	0.2	5	0.72	0.3	38	16	26	30	5.18	0.17	11	21	1.51	980	1	0.05	13	0.12	2	40	0.31	165	108	
62	71700	40	0.2	4.67	2	153	0.2	5	1.65	0.2	43	13	35	37	4.54	0.21	10	15	1.36	514	1	0.08	18	0.10	2	81	0.32	165	67	
63	71750	20	0.2	5.07	2	203	0.2	5	2.35	0.4	42	21	31	71	5.20	0.31	11	18	2.06	775	1	0.10	27	0.10	2	99	0.29	175	91	
64	633N - 71800E	55	0.2	5.14	3	189	0.2	5	2.05	0.3	43	20	30	64	5.33	0.28	9	17	1.83	744	1	0.09	27	0.09	2	89	0.28	174	84	
65	633N - 71850E	5	0.2	5.24	2	202	0.2	5	2.17	0.2	42	26	31	88	5.83	0.22	10	32	3.01	806	1	0.13	40	0.08	2	73	0.31	199	99	
66	71900	10	0.2	4.27	2	154	0.2	5	2.50	0.4	41	19	36	40	4.84	0.19	9	16	1.99	638	1	0.12	31	0.10	2	101	0.30	168	76	
67	71950	5	0.2	3.59	2	214	0.2	5	0.79	0.2	36	11	30	30	5.08	0.17	10	20	1.76	545	1	0.04	14	0.14	2	31	0.32	170	89	
68	633N - 72000E	5	0.2	4.37	2	227	0.2	5	2.52	0.3	40	18	34	73	4.67	0.24	10	17	1.90	645	1	0.10	27	0.16	2	83	0.26	152	77	
69	634N - 71450E	45	0.2	4.19	4	493	0.2	5	0.35	0.2	29	21	18	30	5.86	0.42	8	30	1.52	589	1	0.04	13	0.07	2	14	0.32	180	108	
70	634N - 71500E	30	0.2	4.31	9	194	0.3	5	1.86	0.4	41	14	33	57	4.77	0.31	11	16	1.42	626	1	0.07	20	0.28	2	63	0.23	130	111	
71	71550	35	0.2	4.95	2	372	0.2	5	1.95	0.2	41	22	24	77	5.39	0.37	10	19	1.96	913	1	0.09	22	0.07	2	90	0.31	178	83	
72	71600	360	0.2	4.63	2	221	0.2	5	0.45	0.2	30	42	18	103	8.65	0.19	8	14	0.93	2878	1	0.03	11	0.17	2	25	0.29	291	81	
73	634N - 71650E	5	0.2	4.83	2	418	0.2	5	0.18	0.2	21	21	5	80	6.53	0.59	7	35	2.43	643	1	0.03	6	0.07	2	6	0.31	146	98	
74	633N5 - 71700E	20	0.2	4.74	2	231	0.2	5	1.74	0.3	43	18	26	44	5.83	0.31	10	24	2.04	664	1	0.08	21	0.13	2	80	0.34	191	158	
75	633N5 - 71750E	5	0.2	5.01	2	182	0.2	5	1.84	0.2	42	15	30	39	4.95	0.28	10	17	1.63	665	1	0.08	20	0.13	2	92	0.33	172	83	
76	634N - 71800E	5	0.2	5.33	2	122	0.2	5	1.38	0.3	37	15	35	59	5.32	0.17	8	11	1.46	496	1	0.07	20	0.17	2	60	0.26	146	64	
77	71850	5	0.2	5.10	2	254	0.2	5	0.39	0.2	32	46	182	125	7.27	0.11	9	32	2.15	1077	1	0.04	96	0.14	2	16	0.30	307	81	
78	71900	10	0.2	5.82	2	294	0.2	5	2.10	0.2	44	26	30	115	5.63	0.37	10	20	2.34	1253	1	0.10	33	0.10	2	91	0.29	186	99	
79	634N - 71950E	5	0.2	5.84	2	271	0.2	5	2.24	0.2	45	26	29	110	5.55	0.37	10	20	2.33	988	1	0.10	35	0.09	2	96	0.29	184	93	
80	634N - 72000E	5	0.2	4.68	2	207	0.2	5	1.98	0.2	36	16	38	40	6.15	0.18	9	16	1.74	556	1	0.07	22	0.11	2	84	0.33	272	76	
81	635N - 71450E	65	0.2	3.39	5	332	0.3	5	1.44	0.2	40	25	25	59	5.59	0.39	10	15	1.11	1047	1	0.07	17	0.17	2	57	0.21	138	115	
82	71500	120	0.2	4.05	2	255	0.2	5	1.29	0.2	38	15	22	45	4.92	0.38	9	11	1.06	847	1	0.06	14	0.13	2	71	0.26	155	75	
83	71550	95	0.8	4.57	2	217	0.2	5	1.41	0.2	40	11	26	37	4.22	0.39	9	12	1.20	517	1	0.06	15	0.15	2	75	0.27	146	73	
84	635N - 71600E	15	0.2	4.65	3	307																								

T.T.	SAMPLE	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Sr	Ti	V	Zn	0408-019 Pg. 3 of 1
No.	No.	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
85	635N - 71650E	15	0.2	4.67	2	213	0.2	5	2.49	0.2	40	21	25	72	4.97	0.33	10	12	1.65	858	1	0.09	20	0.07	2	124	0.28	169	71	
86	71700	10	0.2	5.13	4	223	0.2	5	2.25	0.2	41	20	20	64	5.08	0.34	9	12	1.59	818	1	0.08	19	0.09	2	108	0.29	171	78	
87	71750	400	0.2	4.99	2	256	0.2	5	1.92	0.2	42	24	28	104	6.02	0.32	10	20	1.86	1003	1	0.09	33	0.16	2	86	0.27	183	91	
88	71800	140	0.2	4.97	2	168	0.2	5	1.76	0.2	44	16	28	54	5.05	0.27	10	15	1.61	748	1	0.07	22	0.12	2	86	0.29	165	82	
89	635N - 71850E	5	0.2	4.72	2	214	0.2	5	1.10	0.2	38	23	70	33	4.82	0.12	10	31	2.82	763	1	0.03	63	0.18	2	51	0.26	177	81	
90	635N - 71900E	10	0.2	4.22	2	240	0.2	5	0.92	0.2	37	19	56	54	5.39	0.13	10	28	2.06	1093	1	0.02	32	0.24	2	53	0.24	199	79	
91	63540N - 71950E	10	0.2	5.62	2	180	0.2	5	2.05	0.2	41	17	31	75	5.24	0.30	11	15	1.52	753	1	0.08	21	0.13	2	103	0.31	178	83	
92	63540N - 72000E	20	0.2	4.07	2	176	0.2	5	0.63	0.2	30	16	41	49	6.27	0.18	8	23	1.31	501	1	0.03	17	0.15	2	33	0.41	286	74	
93	636N - 71450E	30	0.2	3.43	2	367	0.2	5	1.50	0.3	38	25	19	43	5.66	0.25	9	27	1.64	1220	1	0.04	15	0.14	2	42	0.29	179	86	
94	636N - 71500E	15	0.2	3.66	2	397	0.3	5	0.82	0.3	38	36	59	53	7.34	0.39	11	20	1.54	1468	1	0.05	37	0.20	2	41	0.19	172	97	
95	636N - 71550E	25	0.2	3.80	2	427	0.2	5	0.98	0.3	35	25	26	38	5.82	0.19	9	28	1.44	1225	1	0.07	17	0.12	2	27	0.28	181	87	
96	71600	50	0.6	3.63	6	595	0.3	5	1.08	0.5	37	44	96	59	7.17	0.41	9	20	1.35	1908	1	0.04	98	0.18	2	51	0.22	182	131	
97	71650	35	0.2	3.59	2	164	0.2	5	0.47	0.2	35	41	30	62	7.23	0.25	11	20	1.04	2034	1	0.04	18	0.22	2	15	0.27	177	102	
98	71700 •	40	0.4	2.29	8	293	0.2	5	2.00	0.5	41	22	85	67	4.13	0.15	9	17	1.43	2363	1	0.03	34	0.16	2	46	0.12	127	69	
101	636N - 71750E	5	0.2	4.93	2	362	0.3	5	0.74	0.2	40	26	74	87	5.67	0.25	11	27	1.90	866	1	0.05	53	0.13	2	45	0.27	211	94	
102	636N - 71800E	20	0.2	4.81	2	308	0.3	5	0.44	0.2	26	17	42	33	5.60	0.30	8	29	1.45	465	1	0.04	25	0.18	2	27	0.29	213	69	
103	71850	25	0.4	5.27	2	885	0.3	5	0.72	0.2	31	22	51	79	6.35	0.65	8	34	2.20	608	1	0.05	49	0.12	2	33	0.24	151	96	
104	71900	5	0.2	6.69	2	378	0.3	5	1.12	0.2	38	22	53	31	5.12	0.21	10	40	2.73	797	1	0.23	70	0.16	2	68	0.29	161	88	
105	71950	40	0.2	4.81	4	194	0.2	5	1.16	0.2	39	16	24	93	5.20	0.21	9	20	1.53	543	1	0.05	21	0.11	2	54	0.31	177	73	
106	636N - 72000E	25	0.2	4.72	5	199	0.2	5	1.44	0.2	42	27	15	167	6.41	0.20	9	45	2.14	1205	1	0.04	23	0.11	2	79	0.35	208	107	
107	637N - 71500E	35	0.2	4.33	2	174	0.2	5	0.90	0.2	32	14	25	43	4.84	0.23	7	17	1.26	514	1	0.06	15	0.13	2	45	0.24	135	64	
108	71550	220	0.2	4.51	2	335	0.2	5	1.32	0.2	42	17	21	52	5.40	0.30	10	21	1.54	624	1	0.07	15	0.13	2	59	0.28	167	84	
109	71600	30	0.8	4.53	2	323	0.3	5	1.53	0.4	42	17	26	90	4.11	0.33	10	18	1.33	730	1	0.06	21	0.27	2	65	0.20	118	106	
110	71650	45	0.2	4.13	2	214	0.2	5	1.79	0.2	43	7	22	25	3.52	0.31	9	9	0.77	407	1	0.06	10	0.13	3	104	0.35	159	49	
111	637N - 71700E •	35	0.4	3.44	6	272	0.3	5	1.54	0.5	41	21	34	111	6.00	0.27	10	15	1.20	1391	6	0.06	23	0.20	2	57	0.18	137	87	
112	637N - 71725E	25	0.2	4.46	19	271	0.2	5	1.10	0.5	39	23	94	49	5.44	0.29	10	29	2.16	803	1	0.05	60	0.19	2	49	0.24	198	103	
113	71775	15	0.4	5.10	3	355	0.3	5	1.87	0.9	47	31	51	125	5.05	0.20	11	26	1.41	3455	1	0.04	37	0.33	3	65	0.23	144	160	
114	71825	20	0.2	5.20	2	247	0.2	5	0.50	0.2	35	33	130	56	6.15	0.13	10	38	3.01	1101	1	0.04	95	0.14	2	23	0.26	232	100	
115	71875	10	0.2	4.85	6	405	0.2	5	1.05	0.2	42	21	34	51	5.32	0.54	11	43	2.35	723	1	0.04	55	0.11	2	52	0.34	159	85	
116	637N - 71925E	60	0.2	3.32	2	256	0.2	5	0.22	0.2	29	30	42	110	7.25	0.17	8	27	1.32	1037	1	0.03	27	0.11	2	9	0.40	283	91	
117	637N - 71975E	25	0.2	5.29	2	379	0.3	5	1.22	0.2	46	24	37	103	6.19	0.39	12	33	2.11	715	1	0.06	31	0.19	2	53	0.29	217	144	
118	72025	5	0.2	4.90	2	132	0.2	5	0.80	0.2	34	28	9	184	7.30	0.18	8	48	2.10	718	1	0.02	14	0.11	2	43	0.46	355	91	
119	637N - 72075E	15	0.2	5.91	2	212	0.2	5	1.84	0.2	41	18	25	81	5.31	0.31	9	18	1.66	714	1	0.08	24	0.09	2	87	0.28	163	87	
120	639N - 70700E	10	0.2	4.86	10	83	0.2	5	1.04	0.2	42	31	41	58	6.65	0.08	12	23	3.15	989	1	0.02	39	0.16	2	44	0.35	299	106	
121	639N - 70750E	30	1.0	5.10	53	304	0.4	5	1.77	0.6	51	29	51	136	5.83	0.37	16	35	2.23	1219	1	0.06	44	0.13	2	103	0.27	223	152	
122	639N - 70800E	50	0.6	4.86	13	249	0.2	5	1.39	0.2	43	17	49	41	5.45	0.36	11	17	1.58	586	1	0.05	27	0.12	3	112	0.30	222	72	
123	70850	20	0.4	4.78	7	254	0.2	5	1.30	0.2	42	17	44	45	5.52	0.38	11	16	1.70	579	1	0.05	29	0.14	2	107	0.27	215	81	
124	70900	20	0.6	5.16	17	223	0.2	5	1.50	0.2	45	23	52	80	6.42	0.33	12	18	2.16	784	1	0.05	40	0.10	2	121	0.30	233	87	
125	70950	30	0.2	4.31	8	228	0.2	5	2.37	0.2	41	19	29	45	5.19	0.31	10	16	1.77	749	1	0.10	23	0.09	2	100	0.26	191	79	
126	639N - 71000E	30	0.4	4.67	7	225	0.2	5	1.37	0.4	41	21	41	73	5.34	0.33	10	17	1.83	879	1	0.05	32	0.13	2	105	0.25	199	83	
127	639N - 71050E	40	0.2	4.79	13	185	0.2	5	1.65	0.2	42	20	36	68	5.71	0.27	10	18	1.81	810	1	0.07	27	0.14	2	79	0.26	182	88	
128	71100	45	0.4	5.03	6	230	0.2	5	1.47	0.2	42	17	42	50	5.88	0.32	11	19	1.77	545	1	0.06	27	0.12	2	104	0.28	217	88	
129	71150	145	0.2	5.03	10	225	0.2	5	1.58	0.2	45	17	43	44	5.57	0.35	11	19	1.75	568	1	0.06	27	0.09	2	112	0.29	213	79	
130																														

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bc ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Ca ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm	9408-019 Pg. 4 of 1
132	639N-71300E	5	0.2	4.78	4	359	0.3	5	1.72	0.3	48	30	45	47	6.21	0.39	12	19	1.38	3440	1	0.06	25	0.25	3	108	0.34	234	110	
133	71350	10	0.2	5.13	2	297	0.3	5	1.71	0.4	45	20	44	74	5.69	0.41	12	21	2.09	810	1	0.07	35	0.19	2	97	0.27	193	109	
134	71400	75	0.4	5.15	2	275	0.2	5	1.37	0.2	43	27	77	71	6.46	0.40	11	28	2.22	776	1	0.08	56	0.14	2	61	0.29	195	122	
135	71450	15	0.2	5.35	2	307	0.2	5	1.87	0.2	48	26	39	84	5.55	0.42	12	20	2.25	854	1	0.08	39	0.10	2	103	0.28	195	108	
136	639N-71500E	10	0.2	5.38	2	267	0.2	5	1.71	0.2	47	22	38	73	5.64	0.38	11	19	2.17	734	1	0.08	36	0.08	2	94	0.28	194	90	
137	639N-71550E	15	0.2	4.61	2	196	0.2	5	1.44	0.2	44	13	37	39	4.22	0.34	10	15	1.32	475	1	0.08	19	0.16	3	78	0.27	159	67	
138	71600	20	1.0	3.60	3	213	0.2	5	1.46	0.2	46	12	36	56	3.77	0.24	12	13	1.09	465	1	0.06	19	0.33	2	68	0.19	115	67	
139	71650	25	0.6	5.14	3	204	0.2	5	1.52	0.2	48	20	44	69	5.39	0.30	12	20	1.82	598	1	0.06	32	0.12	2	73	0.27	177	116	
140	71700	100	0.4	5.05	2	311	0.3	5	0.64	0.2	38	22	45	76	5.68	0.23	11	25	2.06	633	1	0.04	32	0.15	2	32	0.25	182	121	
141	639N-71750E	10	0.4	5.24	4	249	0.3	5	1.15	0.2	39	23	87	67	5.53	0.26	11	22	1.63	852	1	0.06	56	0.19	2	62	0.28	199	90	
142	639N-71800E	10	0.4	4.56	2	196	0.2	5	1.56	0.2	40	12	34	46	4.41	0.27	9	15	1.23	465	1	0.06	18	0.16	2	84	0.32	157	59	
143	71850	10	0.2	6.26	12	202	0.3	5	1.73	0.2	42	25	41	144	6.32	0.22	10	25	2.30	782	1	0.04	38	0.15	2	137	0.33	217	104	
144	71900	20	0.4	5.36	2	218	0.3	5	2.40	0.2	45	21	30	141	5.67	0.29	12	23	1.92	760	1	0.09	29	0.11	2	108	0.29	176	92	
145	71950	15	0.2	5.43	3	204	0.2	5	1.64	0.2	40	20	30	83	5.75	0.28	10	26	1.91	739	1	0.07	23	0.10	2	85	0.35	210	87	
146	639N-72000E	20	0.2	5.02	4	166	0.2	5	2.59	0.2	40	23	20	161	5.66	0.24	9	25	2.14	909	1	0.10	32	0.07	2	94	0.29	186	84	
147	639N-72050E	25	0.4	3.98	2	273	0.2	5	1.60	0.2	38	14	29	49	4.94	0.26	9	17	1.34	876	1	0.05	18	0.21	2	70	0.26	141	85	
148	639N-72100E	35	0.2	4.83	5	223	0.3	5	1.55	0.2	43	21	32	112	5.43	0.26	10	19	1.65	715	1	0.05	26	0.14	7	81	0.29	165	86	
151	641N-70700E	50	0.2	4.28	3	237	0.3	5	1.21	0.2	46	14	55	39	4.55	0.37	12	20	1.39	404	1	0.05	27	0.11	3	99	0.25	179	87	
152	70750	80	0.2	5.13	2	234	0.3	5	1.26	0.4	41	19	59	78	5.18	0.34	11	17	1.84	557	1	0.04	37	0.12	2	107	0.25	201	84	
153	641N-70800E	10	0.2	3.78	2	215	0.2	5	0.81	0.2	35	12	18	41	4.36	0.25	9	22	1.26	508	1	0.03	12	0.15	2	40	0.22	101	72	
154	641N-70850E	20	0.2	4.55	2	151	0.2	5	1.40	0.2	42	10	47	35	4.72	0.22	11	12	1.14	374	1	0.04	17	0.19	2	121	0.31	202	55	
155	70900	25	0.2	4.79	2	172	0.2	5	1.53	0.2	47	13	45	36	4.82	0.27	11	14	1.52	465	1	0.05	26	0.13	2	118	0.32	198	67	
156	70950	15	0.2	4.98	11	170	0.2	5	1.67	0.4	49	23	50	81	5.50	0.24	13	17	2.10	703	1	0.04	35	0.10	2	146	0.30	209	83	
157	71000	5	0.2	4.68	9	218	0.3	5	2.28	0.3	50	20	49	92	5.40	0.19	14	15	2.13	774	1	0.04	35	0.17	2	150	0.33	193	83	
158	641N-71050E	25	0.6	3.91	6	266	0.2	5	1.62	0.2	44	18	49	67	4.83	0.29	11	18	1.67	519	1	0.05	30	0.12	2	101	0.24	179	78	
159	641N-71100E*	10	0.4	3.36	2	206	0.2	5	2.10	0.3	42	15	32	54	3.31	0.17	10	10	1.12	1170	1	0.03	19	0.35	3	91	0.17	122	77	
160	71150	5	0.4	4.40	3	105	0.2	5	1.53	0.2	43	14	32	67	4.34	0.15	10	13	1.46	692	1	0.03	19	0.21	2	127	0.26	169	75	
161	71200	15	0.4	4.01	5	155	0.2	5	1.17	0.2	39	12	46	44	4.29	0.26	10	12	1.30	369	1	0.04	21	0.13	2	97	0.27	183	56	
162	71250	10	0.2	4.99	4	136	0.2	5	1.38	0.2	43	19	44	64	5.02	0.20	11	17	2.05	532	1	0.03	31	0.10	2	95	0.28	203	81	
163	641N-71300E	100	0.2	4.35	4	215	0.2	5	1.01	0.2	39	14	55	29	5.00	0.33	10	15	1.45	405	1	0.04	24	0.12	2	82	0.25	189	66	
164	641N-71350E	30	0.2	4.04	4	245	0.2	5	1.18	0.2	41	19	47	81	5.18	0.30	10	20	1.76	585	1	0.05	31	0.10	2	72	0.23	182	86	
165	71400	30	0.2	4.50	9	252	0.2	5	1.12	0.2	39	20	46	91	5.22	0.35	10	19	2.04	551	1	0.05	36	0.10	2	76	0.22	191	79	
166	71450	35	0.2	4.61	14	233	0.3	5	1.63	0.2	47	23	50	114	5.43	0.31	13	18	1.79	805	1	0.05	35	0.20	2	82	0.23	177	116	
167	71500*	10	1.0	4.10	8	178	0.2	5	2.01	0.3	42	18	43	97	4.59	0.19	11	15	1.74	754	1	0.03	27	0.25	2	97	0.21	165	83	
168	641N-71550E*	10	0.2	3.33	5	221	0.2	5	1.85	0.4	43	15	37	77	3.63	0.24	10	13	1.26	727	1	0.06	23	0.18	2	81	0.18	120	96	
169	641N-71600E	15	0.8	3.76	5	215	0.2	5	1.85	0.2	47	11	34	54	3.84	0.25	11	14	1.20	432	1	0.06	18	0.24	4	95	0.23	145	78	
170	71650	15	0.2	4.60	56	216	0.2	5	1.64	0.2	46	21	55	56	5.41	0.28	11	19	2.18	603	1	0.05	40	0.12	2	117	0.27	202	85	
171	71700	30	0.2	4.81	6	260	0.3	5	1.23	0.2	39	20	47	77	5.30	0.35	9	18	1.55	694	1	0.06	29	0.11	2	76	0.21	174	78	
172	71750	45	0.2	4.99	12	257	0.4	5	1.54	0.2	50	25	48	167	5.72	0.32	15	22	2.10	889	1	0.06	45	0.13	2	99	0.28	194	102	
173	641N-71800E	35	0.2	4.47	12	239	0.2	5	1.10	0.2	42	30	69	101	5.47	0.35	11	17	2.25	862	1	0.04	55	0.07	5	87	0.22	185	90	
174	641N-71850E	210	0.2	4.81	30	261	0.3	5	1.41	0.2	48	36	82	107	6.49	0.36	13	18	2.19	1029	1	0.05	52	0.09	4	101	0.26	217	97	
175	71900	130	0.2	4.86	10	235	0.2	5	1.53	0.2	44	20	53	51	5.61	0.38	11	16	1.58	745	1	0.06	30	0.11	2	100	0.26	199	85	
176	71950	125	0.2	5.03	16	227	0.2	5	1.63	0.2	46	30	50	89	6.00	0.36	11	18	1.82	967	1	0.06	38	0.10	2	105	0.27	212	88	
177	72000	125	0.2	5.13	9	271	0.2	5	1.46	0.2	46	21	46	67	5.83	0.37	12	20	2.03	766	1	0.07	35	0.11	2	100	0.29	225	89	
178</td																														

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm	408-019 Pg. 5 of 11
179	641N - 72100E	25	0.2	4.80	13	286	0.2	5	1.49	0.2	47	27	47	166	6.35	0.34	12	23	2.47	771	1	0.06	47	0.10	2	93	0.31	219	122	
180	643N - 70700E	40	0.2	4.74	6	248	0.2	5	1.00	0.2	41	20	56	75	5.42	0.34	10	21	1.81	472	1	0.05	34	0.11	2	69	0.27	194	94	
181	70750	15	0.2	4.02	8	259	0.3	5	0.94	0.2	36	16	55	50	4.99	0.37	9	15	1.47	666	1	0.04	28	0.14	2	81	0.25	196	74	
182	70800	5	0.2	4.05	3	314	0.2	5	1.36	0.2	41	18	53	33	4.87	0.35	10	17	1.68	448	1	0.05	34	0.11	2	106	0.28	194	85	
183	643N - 70850E	90	0.4	4.75	6	219	0.2	5	1.15	0.2	39	19	65	54	5.20	0.35	10	16	1.62	505	1	0.05	34	0.08	2	86	0.21	188	74	
184	643N - 70900E	15	0.6	4.86	12	304	0.3	5	1.23	0.2	43	20	53	88	5.65	0.36	12	23	1.91	579	1	0.05	38	0.19	2	78	0.25	186	130	
185	70950	35	0.2	4.30	9	320	0.2	5	1.72	0.2	44	25	55	105	5.39	0.35	11	20	1.99	744	1	0.05	43	0.12	2	93	0.23	188	99	
186	71000	75	0.6	4.75	4	299	0.3	5	1.54	0.2	44	18	51	62	5.14	0.38	12	19	1.79	577	1	0.05	33	0.15	2	96	0.25	191	88	
187	71050	15	0.4	4.50	5	321	0.2	5	1.81	0.2	45	22	56	95	5.31	0.34	11	20	1.92	698	1	0.05	40	0.16	2	99	0.25	188	99	
188	643N - 71100E	120	0.2	4.81	4	244	0.2	5	1.85	0.2	47	25	59	87	5.66	0.30	11	19	2.25	554	1	0.05	46	0.08	2	134	0.29	214	91	
189	643N - 71150E	40	0.6	4.27	5	265	0.2	5	1.57	0.2	46	19	51	79	4.93	0.32	11	18	1.84	486	1	0.05	38	0.13	2	102	0.24	178	77	
190	71200	60	0.4	4.51	8	317	0.3	5	1.40	0.2	44	23	53	78	5.77	0.37	11	22	1.88	601	1	0.06	36	0.10	2	99	0.24	202	93	
191	71250	5	0.8	4.40	2	240	0.3	5	0.98	0.2	34	14	61	33	4.78	0.38	10	14	1.32	579	1	0.05	24	0.20	2	81	0.23	187	63	
192	71300	120	0.2	4.47	13	497	0.3	5	0.90	0.2	35	24	44	103	6.09	0.53	11	23	1.57	1122	1	0.08	35	0.09	2	75	0.19	201	93	
193	643N - 71350E	70	0.4	4.64	2	441	0.2	5	1.36	0.2	38	17	43	69	4.72	0.39	11	23	1.75	427	1	0.07	31	0.11	2	86	0.23	198	79	
194	643N - 71400E	25	0.2	4.79	2	219	0.2	5	0.98	0.2	36	15	44	38	5.17	0.30	10	19	1.66	445	1	0.05	24	0.11	2	69	0.26	195	92	
195	71450	10	0.2	5.04	2	265	0.2	5	1.17	0.2	36	21	47	72	5.60	0.35	10	27	1.95	531	1	0.06	37	0.12	2	69	0.25	193	105	
196	71500	65	0.2	4.22	2	251	0.2	5	1.40	0.2	40	17	43	57	4.57	0.38	11	17	1.75	464	1	0.06	34	0.09	2	88	0.23	174	75	
197	71550	5	0.2	4.25	2	226	0.2	5	0.91	0.2	38	23	22	59	5.76	0.22	11	36	1.90	714	1	0.03	21	0.07	2	44	0.35	180	121	
198	643N - 71600E	25	0.2	4.47	3	262	0.2	5	1.44	0.2	42	16	45	48	4.95	0.37	10	18	1.61	424	1	0.06	29	0.12	2	92	0.26	185	81	
201	643N - 71650E	25	0.4	4.34	8	299	0.6	5	1.42	0.4	67	22	54	106	5.35	0.35	22	24	1.72	635	1	0.07	44	0.09	2	90	0.26	181	80	
202	71700	5	0.8	4.83	4	278	0.3	5	1.33	0.3	44	25	74	96	5.79	0.37	12	34	2.62	749	1	0.04	55	0.18	2	68	0.25	204	110	
203	71750	50	0.2	4.42	4	223	0.2	5	0.89	0.2	37	17	57	64	5.25	0.30	10	23	1.81	448	1	0.05	32	0.14	2	63	0.26	210	89	
204	71800	35	2.0	4.43	6	241	0.3	5	1.92	0.5	45	19	57	84	4.98	0.23	13	17	1.69	611	1	0.05	30	0.27	2	94	0.27	170	95	
205	643N - 71850E	15	0.2	4.13	5	278	0.2	5	1.92	0.6	45	24	58	64	5.19	0.28	11	21	2.10	1211	1	0.08	33	0.21	2	85	0.31	198	109	
206	643N - 71900E	10	0.2	4.47	2	389	0.2	5	1.23	0.6	43	20	56	69	5.16	0.40	11	19	1.73	802	1	0.05	36	0.24	2	80	0.25	193	103	
207	71950	10	0.8	4.58	16	262	0.3	5	1.60	0.4	49	21	56	116	5.43	0.29	14	22	1.80	604	1	0.05	38	0.26	2	74	0.24	179	120	
208	72000	25	0.2	4.73	11	294	0.3	5	1.33	0.3	47	25	48	108	5.65	0.42	12	20	2.05	718	1	0.06	44	0.07	2	84	0.24	200	87	
209	72050	20	0.2	3.59	22	260	0.2	5	0.14	0.4	27	23	71	98	6.60	0.25	9	22	1.18	937	1	0.03	35	0.13	2	14	0.22	261	116	
210	643N - 72100E	310	0.2	4.17	8	200	0.4	5	0.33	0.7	39	36	71	127	7.39	0.09	14	33	3.40	908	1	0.02	42	0.06	4	34	0.37	354	150	
211	645N - 70700E	5	0.2	4.31	2	282	0.3	5	1.61	0.4	39	15	45	44	4.51	0.23	12	14	1.76	548	1	0.03	27	0.28	2	123	0.29	171	100	
212	70750	10	0.2	4.01	6	205	0.2	5	1.47	0.3	40	14	43	34	5.10	0.23	10	11	1.54	648	1	0.03	24	0.15	2	139	0.35	220	67	
213	70800	5	0.2	4.48	5	200	0.3	5	1.59	0.2	46	22	52	82	5.42	0.22	13	20	2.12	599	1	0.04	37	0.12	2	124	0.30	198	102	
214	70850	100	0.4	3.89	6	239	0.2	5	2.14	0.2	44	18	53	69	4.53	0.25	11	14	1.75	525	1	0.04	33	0.17	3	117	0.24	168	76	
215	645N - 70900E	55	0.2	3.88	8	292	0.2	5	1.76	0.5	42	21	41	76	5.04	0.31	10	22	1.82	596	1	0.06	35	0.08	2	103	0.23	177	105	
216	645N - 70950E	10	0.6	4.48	19	286	0.2	5	1.45	0.2	42	25	37	79	5.94	0.35	10	30	1.80	507	1	0.05	30	0.11	2	82	0.32	221	128	
217	71000	5	0.4	4.10	2	165	0.2	5	2.87	0.3	38	22	30	72	4.78	0.12	9	20	1.98	509	1	0.07	33	0.11	2	78	0.31	173	85	
218	71050	5	0.2	3.90	2	205	0.2	5	2.48	0.2	40	19	29	50	4.54	0.19	9	15	1.73	620	1	0.08	22	0.13	2	105	0.24	157	83	
219	71100	15	0.6	3.67	8	282	0.2	5	2.02	0.6	42	19	52	72	4.65	0.24	11	19	1.52	1184	2	0.05	26	0.20	3	89	0.23	158	108	
220	645N - 71150E	5	0.2	4.36	5	165	0.2	5	2.77	0.6	43	25	41	70	5.21	0.15	11	23	2.36	722	1	0.09	44	0.13	2	135	0.27	170	92	
221	645N - 71200E	90	1.2	3.86	65	692	0.7	5	0.72	0.4	37	28	75	131	6.89	0.58	12	19	1.08	859	3	0.06	41	0.09	21	139	0.11	224	131	
222	71250	15	0.4	3.77	13	392	0.4	5	1.47	0.3	41	16	51	91	4.94	0.46	9	21	1.39	504	1	0.06	25	0.11	4	134	0.17	176	130	
223	71300	130	0.2	4.74	9	510	0.3	5	0.96	0.2	38	22	44	92	6.35	0.59	11	27	1.68	541	1	0.08	32	0.10	3	80	0.19	217	102	
224	71350	490	0.4	4.98	15	724	0.4	5	0.61	0.2	34	17	45	75	5.42	1.01	10	23	1.18	416	1	0.11	30	0.12	2	64	0.13	220	104	

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm	Page 6 of 1
226	645N - 71450E	5	0.2	4.01	2	322	0.2	5	1.55	0.4	42	17	43	52	4.67	0.34	9	19	1.72	647	1	0.05	29	0.21	2	80	0.24	169	102	
227	71500	10	0.2	4.52	8	288	0.2	5	1.46	0.3	43	24	41	96	5.62	0.32	10	29	2.06	657	1	0.08	41	0.10	2	68	0.24	184	109	
228	71550	10	0.2	4.28	2	280	0.2	5	1.41	0.3	44	24	39	88	5.40	0.34	12	22	1.77	1005	1	0.06	32	0.17	2	65	0.25	176	98	
229	71600	20	0.2	4.14	9	241	0.2	5	1.00	0.2	39	18	52	77	5.50	0.35	9	18	1.75	532	1	0.05	37	0.11	2	67	0.23	187	83	
230	645N - 71650E	5	0.2	3.90	7	259	0.2	5	0.99	0.2	39	16	48	40	4.74	0.37	9	17	1.56	711	1	0.05	28	0.14	2	69	0.24	185	79	
231	645N - 71700E	5	0.2	4.19	3	227	0.2	5	1.03	0.4	34	15	56	51	4.69	0.33	10	16	1.65	454	1	0.05	28	0.12	2	79	0.25	197	75	
232	71750	10	0.2	4.25	9	291	0.3	5	1.51	0.2	45	24	49	137	5.41	0.32	13	27	1.86	886	1	0.06	40	0.11	2	87	0.25	184	108	
233	71800	35	0.2	4.08	5	321	0.2	5	1.30	0.3	37	21	45	82	5.40	0.38	10	31	1.80	542	1	0.06	35	0.11	2	68	0.24	175	102	
234	71850	180	0.2	4.05	7	268	0.2	5	1.08	0.2	35	21	47	77	5.33	0.35	9	22	1.84	664	1	0.06	33	0.10	2	66	0.24	190	90	
235	645N - 71900E	35	0.4	4.43	6	267	0.2	5	1.53	0.2	40	22	46	123	5.50	0.33	11	26	1.90	630	1	0.06	41	0.15	2	88	0.27	183	118	
236	645N - 71950E	5	0.2	4.69	3	193	0.2	5	1.45	0.2	41	22	43	64	5.67	0.23	11	21	2.07	650	1	0.05	33	0.14	2	85	0.29	202	140	
237	72000	5	0.2	4.37	7	271	0.2	5	1.31	0.2	40	22	48	77	5.61	0.32	11	25	1.98	634	1	0.05	36	0.14	2	69	0.26	202	121	
238	72050	5	0.2	4.14	2	193	0.2	5	1.27	0.2	36	20	37	85	5.07	0.23	10	20	1.92	642	1	0.06	33	0.19	2	53	0.26	185	85	
239	645N - 72100E	65	0.2	4.05	11	301	0.2	5	0.38	0.2	29	15	61	45	5.97	0.19	9	27	1.25	351	1	0.03	25	0.14	2	22	0.31	284	91	
240	647N - 70700E	5	0.2	4.68	8	247	0.2	5	1.50	0.3	47	16	46	37	5.04	0.37	12	25	1.70	488	1	0.05	28	0.19	5	134	0.30	190	132	
241	647N - 70750E	10	1.0	3.66	2	292	0.3	5	1.27	0.2	43	14	46	75	4.26	0.29	15	15	1.11	1389	1	0.04	22	0.35	2	59	0.19	129	95	
242	70800	5	0.4	3.57	2	288	0.3	5	1.44	0.2	44	16	43	57	4.75	0.28	11	16	1.33	1129	1	0.04	22	0.32	2	77	0.24	144	109	
243	70850	5	0.2	3.43	3	346	0.2	5	0.95	0.4	41	15	50	34	4.70	0.51	10	16	1.09	1049	1	0.05	23	0.21	2	61	0.23	173	111	
244	70900	5	0.2	3.73	3	407	0.2	5	1.02	0.3	42	19	53	36	4.95	0.59	9	14	1.12	1615	4	0.05	26	0.20	5	62	0.21	184	110	
245	647N - 70950E	15	0.2	4.98	24	579	0.3	5	1.34	0.2	48	21	57	100	6.01	0.58	11	25	1.55	691	4	0.07	36	0.16	5	75	0.20	211	116	
246	647N - 71000E	25	0.2	4.89	36	524	0.3	5	1.39	0.5	46	26	45	137	6.07	0.58	11	23	2.07	826	1	0.07	58	0.07	2	96	0.23	209	104	
247	71050	60	0.2	4.78	44	456	0.3	5	1.08	0.2	38	25	56	98	6.23	0.48	10	23	2.17	673	1	0.05	48	0.11	5	69	0.25	222	119	
248	71100	35	0.4	4.73	84	497	0.4	5	1.58	0.3	44	24	56	201	5.89	0.55	13	30	1.68	1163	4	0.06	57	0.19	7	77	0.25	192	125	
251	71150	85	0.2	4.04	3	440	0.4	5	0.64	0.2	37	22	44	103	4.15	0.53	11	31	1.36	308	2	0.06	36	0.04	3	59	0.15	186	84	
252	647N - 71200E	180	0.8	3.89	80	752	0.7	5	0.53	0.4	34	37	79	155	7.39	0.64	12	19	1.13	1451	3	0.06	55	0.09	26	154	0.12	247	150	
253	647N - 71250E	290	1.8	3.10	60	617	0.6	5	0.61	0.2	34	23	76	104	6.53	0.53	11	16	0.86	529	3	0.10	38	0.10	20	140	0.10	213	133	
254	71300	40	0.2	4.94	3	426	0.3	5	1.33	0.2	44	25	40	62	5.97	0.55	11	34	1.88	576	1	0.07	33	0.08	2	92	0.22	203	138	
255	71350	125	0.2	4.90	13	543	0.3	5	0.89	0.2	41	27	42	113	6.54	0.67	12	28	1.85	908	1	0.08	37	0.10	5	74	0.19	227	115	
256	71400	170	0.4	4.94	16	646	0.3	5	0.82	0.2	40	24	44	116	6.54	0.85	12	25	1.50	740	3	0.10	34	0.10	8	76	0.17	217	114	
257	647N - 71450E	260	0.2	4.72	24	581	0.3	5	0.96	0.2	43	26	47	100	6.26	0.79	12	26	1.54	1078	2	0.09	35	0.14	7	79	0.17	219	129	
258	647N - 71500E	100	0.2	4.86	6	305	0.3	5	1.49	0.2	50	25	41	105	5.96	0.43	13	26	2.05	879	1	0.08	39	0.11	5	82	0.25	198	102	
259	71550	15	0.2	4.40	2	300	0.2	5	1.56	0.2	47	21	36	85	5.54	0.33	11	29	2.09	659	1	0.08	31	0.12	3	79	0.26	193	99	
260	71600	15	0.2	4.22	7	318	0.2	5	1.43	0.2	46	22	43	63	5.15	0.29	10	23	1.76	772	1	0.07	30	0.11	3	77	0.25	188	83	
261	71650	120	0.2	4.28	8	378	0.3	5	0.82	0.2	36	21	46	90	5.12	0.48	10	19	1.63	561	1	0.05	35	0.09	5	61	0.21	178	90	
262	647N - 71700E	25	0.2	4.38	3	327	0.2	5	1.05	0.2	39	25	56	93	5.82	0.30	10	29	1.97	876	1	0.06	40	0.12	2	42	0.27	246	105	
263	647N - 71750E	160	0.2	5.00	3	333	0.3	5	1.08	0.2	45	23	42	109	5.83	0.41	13	29	1.92	798	1	0.06	37	0.11	2	63	0.27	196	119	
264	71800	70	0.2	4.28	3	424	0.3	5	1.41	0.2	44	21	49	93	5.07	0.45	12	27	1.64	498	1	0.06	38	0.13	3	75	0.23	178	104	
265	71850	125	0.2	4.44	4	374	0.3	5	1.03	0.2	42	17	48	67	4.88	0.46	11	19	1.58	459	1	0.06	36	0.13	2	68	0.22	171	90	
266	71900	75	0.2	4.91	8	324	0.3	5	1.00	0.2	41	22	55	87	5.47	0.49	10	19	1.90	766	1	0.06	41	0.11	4	73	0.24	200	93	
267	647N - 71950E	30	0.2	4.51	7	327	0.2	5	1.17	0.2	46	24	40	91	5.46	0.46	12	27	1.86	702	1	0.08	35	0.09	2	68	0.19	201	88	
268	647N - 72000E	95	0.2	4.57	11	312	0.2	5	1.33	0.2	45	27	50	101	5.76	0.45	12	20	2.06	917	1	0.06	44	0.09	3	88	0.25	210	100	
269	72050	30	0.2	4.51	2	217	0.2	5	0.82	0.2	40	18	55	49	5.40	0.31	11	21	1.84	563	1	0.06	33	0.13	2	49	0.26	203	91	
270	647N - 72100E	30	0.2	4.70	4	294	0.2	5	0.97	0.2	40	14	59	37	4.61	0.46	11	17	1.41	365	1	0.05	25	0.14	3	78	0.27	204	67	
271	649N - 70100E	5	0.2	4.33	4	162	0.2	5	1.31	0.3	42	19	45	70	4.53	0.27	11	17	1.91	553	1	0.03	41	0.08	2	123	0.36	192		

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bc ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm	9408-010 Pg. 7 of 1
273	649N -70200E	20	0.2	4.30	7	227	0.2	5	1.11	0.3	40	19	44	41	5.78	0.27	11	12	1.97	566	1	0.04	30	0.12	2	116	0.37	290	89	
274	70250	5	0.2	4.22	6	257	0.2	5	1.11	0.6	42	19	50	46	5.42	0.30	12	18	1.92	1067	1	0.04	33	0.17	3	106	0.33	214	142	
275	70300	10	0.2	4.16	11	243	0.2	5	1.05	0.3	38	17	61	46	4.85	0.33	10	15	1.78	642	1	0.04	33	0.17	4	104	0.29	213	92	
276	70350	40	0.6	4.94	16	429	0.4	5	0.74	0.3	40	25	51	113	5.81	0.52	10	23	1.56	675	1	0.05	47	0.09	10	56	0.21	191	128	
277	649N -70400E	25	0.4	4.88	16	281	0.3	5	0.65	0.3	31	18	60	85	5.53	0.34	8	20	1.34	433	1	0.05	31	0.09	5	49	0.15	172	87	
278	649N -70450E *	20	2.2	4.42	20	386	0.5	5	1.79	3.7	62	27	52	237	3.66	0.31	17	16	0.69	8923	18	0.03	49	0.49	7	78	0.10	94	105	
279	70500	15	0.2	4.30	14	308	0.3	5	0.76	0.6	39	22	54	64	5.54	0.40	10	19	1.54	1120	2	0.04	33	0.15	6	70	0.24	179	123	
280	70550	5	0.2	5.52	6	241	0.3	5	0.52	0.4	32	30	61	88	6.61	0.23	10	42	3.18	520	1	0.03	45	0.08	3	22	0.31	225	138	
281	70600	70	1.0	3.78	2	473	0.2	5	1.07	0.9	44	62	27	229	8.28	0.36	12	17	1.14	4104	1	0.12	49	0.20	5	44	0.05	123	129	
282	649N -70650E	25	0.2	4.91	7	485	0.4	5	0.62	0.4	37	28	42	146	5.73	0.57	10	20	1.37	2461	1	0.04	31	0.16	7	42	0.18	172	124	
283	649N -70700E	5	0.2	3.89	12	489	0.2	5	0.49	0.2	31	17	18	59	5.26	0.60	9	14	0.84	2387	1	0.04	10	0.19	5	44	0.14	137	74	
284	70750	35	0.2	4.53	13	710	0.4	5	0.50	0.3	42	24	45	92	6.20	0.87	13	16	1.13	1854	1	0.04	35	0.15	49	41	0.17	175	122	
285	70800	10	0.2	3.19	10	375	0.3	5	1.14	1.4	46	27	40	81	4.37	0.68	11	12	0.90	2142	2	0.04	32	0.17	7	44	0.07	108	136	
286	70850	105	0.6	4.38	13	583	0.3	5	0.39	0.2	30	20	82	73	5.22	0.81	9	15	1.46	558	1	0.04	45	0.20	5	39	0.19	173	108	
287	649N -70900E	20	0.2	4.88	21	824	0.5	5	0.19	0.4	37	22	24	99	5.97	1.10	12	17	1.21	1914	1	0.05	31	0.16	11	22	0.16	142	167	
288	649N -70950E	170	0.2	3.94	132	582	0.5	5	1.17	1.3	63	34	32	162	5.71	0.86	18	14	1.26	2431	3	0.04	43	0.22	16	54	0.15	118	168	
289	71000	10	0.2	3.76	31	776	0.2	5	1.19	0.5	47	27	23	118	5.31	0.63	12	19	1.38	1604	1	0.03	21	0.17	7	51	0.23	155	116	
290	71050	20	0.2	3.63	10	672	0.2	5	1.04	0.5	44	18	19	41	5.07	0.47	11	13	1.07	1804	5	0.04	11	0.19	5	65	0.30	143	107	
292	649N -71150E	95	0.2	4.57	46	962	0.4	5	0.40	0.3	35	32	70	153	6.35	0.63	12	22	1.72	1692	1	0.04	48	0.11	14	56	0.17	224	130	
293	649N -71200E	30	0.2	3.92	13	806	1.1	5	0.14	0.2	25	17	45	69	6.40	0.66	9	17	0.42	494	1	0.08	25	0.16	15	120	0.08	167	123	
294	71250	65	0.2	3.15	15	537	0.6	5	0.49	0.4	36	26	55	99	6.25	0.56	11	16	1.05	1257	1	0.04	31	0.10	8	58	0.14	189	124	
295	71300	45	0.2	4.19	21	826	1.1	5	0.38	0.3	31	22	46	75	6.52	0.93	9	17	0.74	1233	1	0.07	27	0.15	12	74	0.10	172	142	
296	71350	55	0.2	3.54	8	642	0.5	5	0.51	0.2	38	22	41	63	5.58	0.67	9	18	0.97	1091	1	0.05	23	0.15	7	42	0.14	164	101	
297	649N -71400E	10	0.2	4.88	3	304	0.2	5	1.01	0.2	40	24	43	94	5.30	0.46	9	26	1.81	902	1	0.07	32	0.13	3	65	0.17	192	86	
298	649N -71450E	80	0.2	4.68	24	569	0.3	5	0.50	0.2	38	24	48	103	6.10	0.67	11	24	1.49	985	1	0.07	34	0.13	8	51	0.16	221	115	
3	649N -71500E soil	500	0.6	4.58	22	583	0.3	5	0.57	0.3	40	37	48	148	7.11	0.67	12	26	1.58	1007	1	0.07	45	0.08	4	72	0.14	217	114	
4	71550	20	0.2	4.47	118	275	0.2	5	1.39	0.7	44	37	80	219	6.39	0.27	10	31	2.72	855	1	0.05	65	0.10	2	57	0.29	249	119	
5	71600	5	0.2	4.34	9	343	0.2	5	1.17	0.7	43	26	45	87	6.23	0.18	10	40	2.15	1231	1	0.06	32	0.19	3	58	0.32	241	111	
6	649N -71650E	10	0.2	4.63	11	305	0.2	5	1.29	0.5	46	22	41	57	5.40	0.36	10	28	1.90	861	1	0.06	31	0.17	2	80	0.22	190	85	
7	649N -71700E	5	0.2	4.85	8	350	0.3	5	0.21	0.2	29	21	25	50	6.34	0.28	9	31	1.98	758	1	0.02	15	0.14	3	21	0.32	236	89	
8	71750	25	0.2	4.07	9	308	0.2	5	1.28	0.7	46	26	34	96	5.70	0.26	11	33	2.05	1632	1	0.04	28	0.35	4	64	0.25	209	201	
9	71800	10	0.2	3.98	10	301	0.2	5	0.74	0.5	35	24	63	202	6.56	0.09	10	22	2.22	619	1	0.04	36	0.15	2	37	0.28	248	96	
10	71850	10	0.2	3.45	11	335	0.2	5	2.12	0.6	40	20	35	69	4.27	0.26	10	32	1.37	1416	1	0.05	21	0.28	6	82	0.19	179	133	
11	649N -71900E	30	0.2	4.30	16	497	0.4	5	1.06	0.3	44	22	51	109	5.22	0.66	12	25	1.23	979	1	0.08	32	0.19	4	55	0.13	189	105	
12	649N -71950E	30	0.2	4.99	10	394	0.3	5	0.58	0.2	37	23	46	112	5.88	0.62	11	29	1.49	989	1	0.09	31	0.14	2	51	0.13	214	93	
13	72000	25	0.2	5.78	7	436	0.3	5	0.82	0.2	40	30	46	143	6.51	0.73	11	39	2.11	1114	1	0.12	45	0.10	3	47	0.11	245	100	
14	72050 *	10	1.2	3.82	15	231	0.2	5	1.96	0.2	46	14	48	40	4.08	0.24	10	43	1.12	668	2	0.04	19	0.22	4	71	0.17	144	102	
15	649N -72100E *	5	0.6	2.81	10	249	0.2	5	2.31	0.4	51	12	27	53	3.83	0.26	12	15	1.02	511	3	0.06	14	0.20	3	107	0.18	122	56	
16	650N -70600E	60	0.4	5.65	30	621	0.4	5	0.55	0.2	41	35	72	154	6.39	0.83	11	24	2.11	1026	1	0.06	73	0.07	7	50	0.18	219	116	
17	650N -70650E	15	0.2	4.31	7	266	0.2	5	1.00	0.3	48	15	93	40	3.75	0.45	11	13	1.29	296	1	0.05	44	0.20	9	67	0.42	169	61	
18	650N -70700E	10	0.2	3.10	26	604	0.3	5	1.52	2.1	55	21	28	97	3.95	0.86	13	12	0.72	1414	2	0.05	31	0.19	10	52	0.14	101	150	
19	651N -70100E	25	0.2	3.78	10	142	0.2	5	2.33	0.3	48	12	28	24	3.50	0.19	11	8	1.08	421	1	0.04	20	0.12	8	196	0.34	233	44	
20	70150	5	0.2	4.82	24	235	0.2	5	1.35	0.4	42	31	52	124	6.14	0.28	11	19	2.58	1194	1	0.04	49	0.12	6	121	0.31	236	107	
21	651N -70200E	5	0.2	4.74	10	211	0.3	5	1.28	0.3	48	26	83	75	5.53	0.2														

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm	9408-019 Pg. 8 of 1
22	651N - 70250E	5	0.2	4.65	5	224	0.3	5	1.07	0.2	44	18	64	50	5.33	0.27	11	18	1.81	1312	1	0.04	34	0.15	2	97	0.29	202	123	
23	70300	20	0.2	4.35	7	365	0.3	5	0.87	0.2	40	16	52	47	5.25	0.50	10	21	1.47	531	2	0.04	26	0.17	4	55	0.24	181	151	
24	70350	30	0.2	4.67	6	312	0.3	5	0.74	0.2	38	16	52	51	4.92	0.44	10	22	1.48	475	1	0.05	28	0.11	3	60	0.19	190	90	
25	70400	95	0.2	4.54	10	333	0.3	5	0.62	0.2	39	21	46	73	5.53	0.43	10	18	1.45	589	1	0.04	32	0.08	8	54	0.22	188	95	
26	651N - 70450E	20	0.2	4.59	8	264	0.3	5	0.84	0.2	44	19	58	60	5.91	0.39	11	22	1.58	916	1	0.04	31	0.18	4	61	0.28	221	111	
27	651N - 70500E	20	0.2	4.98	2	407	0.5	5	0.69	0.2	37	28	102	95	5.83	0.97	8	19	1.61	630	1	0.04	66	0.19	3	42	0.16	170	130	
28	70550	15	0.2	4.85	9	250	0.3	5	0.94	0.2	42	22	63	80	6.30	0.39	11	26	2.06	559	1	0.05	44	0.09	5	69	0.19	214	90	
29	70600	65	0.2	4.65	4	299	0.4	5	0.59	0.2	40	20	80	109	5.60	0.64	12	19	1.29	780	1	0.06	55	0.15	5	53	0.22	187	109	
30	70650	240	4.6	4.27	5	632	0.7	5	0.37	0.2	28	55	101	154	8.51	1.58	7	13	0.91	1992	1	0.05	156	0.10	7	34	0.36	185	163	
31	651N - 70700E	80	2.0	3.93	21	565	0.5	5	0.64	0.3	39	27	58	141	6.33	0.91	12	16	0.94	1209	8	0.06	38	0.14	16	50	0.10	189	133	
32	651N - 70700E dup <sup>7</sup>	330	3.6	4.02	4	444	0.4	5	0.21	0.5	32	67	108	450	10.48	1.11	10	11	0.62	1616	1	0.05	182	0.12	5	23	0.22	155	174	
33	70750	25	0.2	3.29	8	478	0.4	5	0.23	0.6	38	41	50	115	7.13	0.79	16	11	0.90	1262	1	0.04	64	0.12	8	23	0.06	126	168	
34	70800	1600	11.8	4.01	82	703	0.4	5	0.23	0.8	45	19	11	117	6.31	1.06	16	14	0.63	1409	2	0.05	24	0.15	47	33	0.09	106	181	
35	70850	70	0.2	3.33	2	456	0.3	5	0.40	0.2	37	14	12	31	5.10	0.90	9	9	0.44	1417	1	0.04	8	0.16	14	33	0.16	104	76	
36	651N - 70950E	15	0.2	3.88	28	627	0.5	5	1.28	0.9	54	18	23	104	3.46	0.61	20	12	0.65	4670	2	0.04	18	0.43	13	49	0.11	92	89	
37	651N - 71000E	5	0.2	4.41	45	399	0.4	5	0.69	0.6	28	39	103	134	6.37	0.15	11	24	3.50	1300	1	0.02	69	0.12	5	19	0.23	262	105	
38	71050	550	0.4	4.07	149	450	0.2	5	0.78	1.5	38	58	83	194	6.93	0.42	14	18	2.14	1888	6	0.03	86	0.16	22	44	0.18	278	141	
39	71100	35	0.2	4.76	106	1046	0.3	5	0.24	0.7	27	42	67	117	6.44	0.59	12	23	2.28	2506	1	0.04	45	0.17	25	29	0.14	223	115	
40	651N - 71150E	110	1.4	4.59	285	865	0.3	5	0.16	0.9	34	49	105	187	8.53	0.54	15	32	1.56	2695	4	0.03	72	0.14	35	32	0.09	268	156	
41	651N - 71200E	300	2.6	3.03	35	515	0.8	5	0.30	0.9	32	45	105	179	8.31	0.56	11	17	1.33	1657	1	0.04	76	0.09	46	61	0.12	251	194	
42	651N - 71250E	150	0.8	3.65	52	560	0.5	5	0.56	0.6	37	34	111	186	7.51	0.54	11	21	1.45	1233	2	0.06	64	0.12	15	57	0.13	259	152	
43	71300	75	0.2	4.01	63	522	0.3	5	0.88	0.2	41	34	60	175	6.64	0.59	11	23	2.01	1208	1	0.04	55	0.09	4	68	0.21	251	119	
44	71350	220	0.2	3.95	39	472	0.3	5	0.80	0.2	38	31	72	131	6.42	0.45	10	23	2.09	1056	1	0.04	51	0.08	2	66	0.20	243	120	
45	71400	110	0.2	4.07	25	617	0.3	5	0.24	0.2	39	23	39	111	6.38	0.74	14	22	1.26	1197	1	0.06	35	0.11	2	30	0.24	175	134	
46	651N - 71450E	210	0.2	4.63	27	607	0.3	5	0.57	0.2	40	33	44	152	6.88	0.82	11	26	1.54	1038	1	0.07	44	0.10	5	68	0.14	231	129	
47	651N - 71500E	120	0.2	3.29	47	499	0.3	5	0.71	0.7	42	34	54	101	5.85	0.49	10	18	0.81	3186	2	0.06	33	0.24	5	46	0.10	166	113	
48	71550	150	0.2	4.00	29	546	0.3	5	0.86	0.2	39	29	55	115	6.20	0.67	12	19	1.01	1591	1	0.10	35	0.23	9	63	0.12	193	104	
51	71600	350	1.0	4.69	29	714	0.5	5	0.33	0.3	35	46	54	175	7.31	0.98	11	24	1.13	1530	1	0.10	56	0.09	11	55	0.08	223	132	
52	71650	810	0.2	4.80	16	684	0.4	5	0.38	0.2	35	19	49	109	6.35	0.93	12	24	0.96	448	1	0.10	35	0.13	7	55	0.10	215	105	
53	651N - 71700E	280	0.2	4.63	19	538	0.3	5	0.36	0.2	34	27	50	135	6.14	0.77	11	27	1.47	798	1	0.10	44	0.08	2	36	0.12	222	99	
54	651N - 71750E	70	0.2	5.16	17	620	0.4	5	0.31	0.2	35	29	44	138	6.35	0.97	12	27	1.33	1065	1	0.12	42	0.10	4	39	0.10	219	101	
55	71800	40	0.2	4.90	6	474	0.4	5	0.43	0.2	35	25	35	113	5.89	0.66	10	29	1.38	1238	1	0.10	30	0.15	3	48	0.13	216	110	
56	71850	20	0.2	4.84	3	407	0.3	5	0.61	0.2	37	26	31	110	5.53	0.64	10	31	1.67	1301	1	0.10	32	0.12	3	48	0.12	204	93	
57	71900	25	0.2	4.40	2	259	0.2	5	1.29	0.2	41	23	35	111	4.96	0.41	9	27	2.00	1003	1	0.07	36	0.07	2	65	0.17	168	78	
58	651N - 71950E	10	0.2	3.44	3	172	0.2	5	1.86	0.4	41	18	24	42	4.04	0.27	8	23	1.41	1250	1	0.04	19	0.21	2	71	0.19	126	104	
59	651N - 72000E	5	0.2	4.12	2	191	0.2	5	1.04	0.3	33	21	34	68	4.97	0.25	9	27	1.84	1252	1	0.05	26	0.17	2	47	0.20	170	92	
60	72050	50	0.2	4.42	5	245	0.2	5	1.18	0.2	35	21	30	83	5.18	0.24	10	36	2.14	835	1	0.05	28	0.15	2	57	0.24	196	96	
61	651N - 72100E	5	0.2	4.23	3	221	0.6	5	1.31	0.3	56	15	37	87	5.05	0.32	17	35	1.40	623	1	0.07	21	0.19	7	67	0.25	178	99	
62	652N - 70100E	10	0.2	3.56	33	138	0.2	5	0.74	0.4	34	24	75	62	6.28	0.17	9	12	1.83	1764	5	0.03	37	0.23	5	87	0.33	348	143	
63	652N - 70150E	45	0.2	3.74	6	370	0.2	5	0.54	0.3	32	14	45	49	4.41	0.54	8	13	1.23	527	2	0.05	25	0.14	3	58	0.20	171	76	
64	652N - 70200E	5	0.2	4.43	13	171	0.2	5	0.91	0.2	37	24	56	52	6.22	0.20	9	17	2.36	799	1	0.03	45	0.12	2	85	0.32	212	91	
65	70250	90	0.2	4.48	24	387	0.2	5	1.11	0.4	45	36	54	173	6.30	0.42	11	18	2.35	1239	1	0.04	51	0.10	5	85	0.28	218	102	
66	70300	25	0.2	4.73	4	258	0.2	5	0.91	0.2	41	20	62	69	5.21	0.38	11	18	2.15	540	1	0.05	47	0.09	6	78	0.24	194	89	
67	70350	60	1.4	4.96	9	319	0.3	5	0.69	0.2	39	17	57	64	5.12	0.46	11	17	1.65	443										

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm	Pg. 8 of 19
69	652N-70450E	5	0.2	4.20	6	167	0.2	5	1.20	0.2	42	24	52	69	5.33	0.24	10	17	1.87	700	1	0.04	41	0.10	2	85	0.30	207	93	
70	70500	60	0.2	4.09	6	363	0.4	5	0.52	0.2	37	38	86	111	6.77	0.85	10	16	1.22	1209	1	0.07	87	0.09	4	49	0.17	176	305	
71	70550	30	0.2	3.79	4	303	0.6	5	0.71	0.2	39	50	111	221	6.88	0.80	8	14	0.88	2618	1	0.05	82	0.17	3	51	0.22	175	126	
72	70600	140	2.0	4.14	9	502	0.9	5	0.56	0.2	40	63	132	266	9.21	1.24	9	16	0.85	1355	1	0.08	171	0.13	7	47	0.17	176	171	
73	652N-70650E	60	0.2	4.39	2	603	0.6	5	0.14	0.2	34	42	96	173	10.12	1.59	12	9	0.33	1004	1	0.07	108	0.11	2	25	0.37	161	205	
74	652N-70700E	65	0.4	4.77	5	723	0.8	5	0.40	0.2	50	20	37	128	6.47	0.85	16	19	1.23	741	1	0.05	47	0.13	6	39	0.18	182	161	
75	652N-70800E	65	1.2	4.04	28	884	0.5	5	0.19	0.5	49	22	10	94	6.13	1.37	16	14	0.59	1856	1	0.05	28	0.11	19	59	0.10	104	173	
76	653N-70100E	5	0.2	5.47	25	237	0.3	5	1.54	0.4	51	38	47	157	6.87	0.29	11	19	2.83	1201	1	0.03	49	0.11	2	146	0.36	268	104	
77	70150	5	0.2	4.57	14	159	0.2	5	1.19	0.4	46	54	90	177	7.68	0.21	10	19	2.83	1419	7	0.02	59	0.10	2	112	0.32	306	126	
78	653N-70200E	10	0.2	4.75	18	239	0.3	5	1.28	0.3	52	22	52	62	6.01	0.29	11	17	2.05	986	3	0.04	36	0.15	6	124	0.33	232	104	
79	653N-70250E	15	0.2	4.86	20	281	0.3	5	0.97	0.2	51	27	51	110	5.93	0.38	13	20	2.10	1078	2	0.04	44	0.14	11	82	0.28	210	118	
80	653N-70300E	160	0.8	4.31	28	454	0.3	5	1.06	0.2	49	32	58	130	6.53	0.57	11	24	1.83	928	3	0.07	51	0.10	13	75	0.20	212	115	
81	653N-70350E	25	0.2	4.45	9	208	0.3	5	1.01	0.3	44	29	72	129	5.46	0.36	11	17	2.29	775	1	0.04	57	0.09	4	82	0.23	191	90	
82	70400	45	0.2	3.94	6	268	0.2	5	0.50	0.2	30	21	44	82	4.60	0.37	8	19	1.41	794	1	0.04	30	0.12	3	40	0.16	163	83	
83	653N-70450E	20	0.2	4.25	5	223	0.2	5	1.06	0.2	42	21	72	85	4.99	0.31	11	17	2.24	510	1	0.04	53	0.07	4	86	0.23	192	83	
84	653N-70500E	45	0.2	4.55	7	287	0.3	5	0.79	0.4	39	24	44	92	5.46	0.37	10	25	1.75	916	1	0.05	39	0.12	3	58	0.21	187	102	
85	70550	10	0.2	5.07	2	226	0.3	5	0.63	0.2	32	20	48	115	4.84	0.28	8	20	1.26	529	1	0.04	34	0.14	2	39	0.14	154	83	
86	70600	20	0.2	5.06	2	453	0.4	5	0.68	0.3	38	33	110	112	6.82	1.02	9	19	1.24	1018	1	0.06	84	0.18	3	55	0.24	178	140	
87	70650	480	3.4	4.88	2	798	0.9	5	0.37	0.2	30	33	109	192	7.23	1.56	7	11	0.45	1076	2	0.07	90	0.12	15	38	0.25	255	122	
88	653N-70700E	200	1.0	4.22	7	668	0.7	5	0.28	0.2	26	43	102	256	8.40	1.21	9	14	0.71	1381	1	0.08	121	0.13	4	35	0.24	179	144	
89	653N-70750E	160	1.6	4.34	2	750	0.8	5	0.66	0.2	30	32	118	150	7.37	1.14	8	15	0.90	710	1	0.05	101	0.14	3	62	0.27	193	165	
90	70800	490	1.4	4.21	2	1109	1.2	5	0.05	0.2	16	23	124	194	6.11	1.36	6	9	0.35	492	1	0.06	63	0.09	2	23	0.15	186	108	
91	70850	180	0.8	4.44	111	1096	0.3	5	0.96	0.8	43	45	83	213	7.53	0.48	14	20	2.36	1525	3	0.04	79	0.09	5	83	0.21	292	158	
92	70900	175	0.4	4.79	151	1320	0.3	5	1.09	0.4	44	47	83	250	7.88	0.47	13	21	2.67	1563	3	0.04	83	0.09	5	76	0.25	325	166	
93	653N-70950E	130	1.6	3.83	98	965	0.5	5	0.71	0.8	43	50	89	242	8.17	0.58	14	19	1.75	1478	3	0.05	86	0.09	12	87	0.18	316	172	
94	653N-71450E	200	0.6	5.04	44	713	0.4	5	0.62	0.2	42	60	49	203	8.12	0.91	13	29	1.62	1917	1	0.09	57	0.09	4	87	0.16	240	141	
95	71500	430	1.4	4.76	50	839	0.4	5	0.50	0.2	45	46	45	172	7.94	0.90	16	30	1.68	1719	1	0.07	53	0.10	4	61	0.24	235	155	
96	71550	230	1.0	4.70	50	843	0.5	5	0.47	0.2	41	37	72	150	7.59	0.92	14	22	1.08	1528	1	0.11	55	0.14	9	61	0.15	229	134	
97	71600	2600	1.2	5.33	32	852	0.5	5	0.38	0.2	39	56	54	176	7.62	1.21	13	25	1.28	1549	1	0.13	65	0.10	17	62	0.10	244	137	
98	653N-71650E	650	0.2	5.27	70	610	0.4	5	0.31	0.2	36	33	78	159	7.27	0.76	13	33	1.70	938	1	0.09	56	0.13	5	46	0.15	280	128	
101	653N-71700E	240	0.8	5.15	16	657	0.4	5	0.45	0.2	36	38	44	149	6.64	1.00	12	30	1.54	1194	1	0.13	49	0.08	2	49	0.11	226	104	
102	71750	30	0.2	5.66	3	596	0.4	5	0.78	0.2	43	31	39	165	6.45	0.83	13	34	1.61	1733	1	0.14	36	0.16	2	53	0.12	245	103	
103	71800	85	0.6	5.58	4	449	0.3	5	1.02	0.2	46	33	35	178	6.59	0.68	13	38	2.62	1451	1	0.08	46	0.08	2	67	0.20	236	98	
104	71850	5	0.2	5.12	2	239	0.2	5	1.05	0.2	42	26	44	97	5.71	0.41	11	33	2.28	1066	1	0.06	39	0.14	2	53	0.18	206	85	
105	653N-71900E	5	0.2	6.04	2	331	0.2	5	1.18	0.2	44	29	30	108	6.34	0.59	11	37	2.47	1287	1	0.09	35	0.11	2	51	0.18	208	97	
106	653N-71950E	5	0.2	5.54	2	296	0.2	5	1.00	0.2	45	27	37	145	6.48	0.41	12	37	2.58	1477	1	0.05	41	0.17	2	53	0.23	208	133	
107	72000	5	0.2	5.81	2	266	0.2	5	1.55	0.2	46	30	35	166	6.51	0.44	11	42	2.98	1016	1	0.07	45	0.09	2	87	0.29	239	104	
108	72050	5	0.2	2.45	5	316	0.2	5	1.21	0.3	40	24	32	60	3.20	0.23	8	10	0.73	2718	1	0.04	15	0.49	3	56	0.15	123	47	
109	653N-72100E	10	0.2	6.27	2	238	0.2	5	0.56	0.2	39	32	37	123	7.07	0.39	13	36	3.71	1187	1	0.05	54	0.12	2	31	0.31	294	114	
110	655N-70300E	5	0.2	4.56	55	344	0.2	5	2.10	1.1	50	45	67	185	6.04	0.41	11	17	2.72	1556	1	0.03	69	0.11	2	102	0.30	255	135	
111	655N-70350E	100	1.0	3.94	15	344	0.3	5	0.54	0.2	33	15	56	59	4.90	0.45	9	15	1.28	466	1	0.04	26	0.13	11	44	0.24	166	86	
112	70400	25	0.2	3.38	126	469	0.4	5	1.31	0.6	46	17	40	68	4.60	0.53	11	20	1.11	801	4	0.05	24	0.16	13	64	0.20	156	120	
113	70450	5	0.2	4.90	12	518	0.3	5	1.22	0.2	47	26	28	124	5.67	0.60	12	18	2.19	928	1	0.04	31	0.10	4	112	0.22	221	100	
114	70500	45	0.2	4.74	14	387	0.4	5	0.83	0.2	48	31	50	143	5.68	0.53	12	21	2.21	1000	1	0.0								

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm	9408-019 Pg. 10 of 11
116	655N - 70600E	45	0.2	4.28	10	483	0.4	5	1.06	0.2	43	22	63	77	5.59	0.43	13	22	1.58	655	1	0.06	42	0.22	10	77	0.21	177	108	
117	70650	290	3.0	2.80	20	622	1.0	5	0.44	0.4	30	65	171	276	9.70	0.61	8	10	0.52	1581	1	0.10	232	0.12	5	65	0.06	196	139	
118	70700	70	0.6	4.73	29	523	0.4	5	0.80	0.2	38	34	51	143	7.02	0.69	12	29	1.92	1168	1	0.07	52	0.09	17	73	0.19	228	133	
119	70750	1300	1.6	4.84	23	1410	0.6	5	0.55	0.3	35	72	89	352	9.85	0.88	11	22	1.41	1408	1	0.11	189	0.10	11	78	0.12	181	129	
120	655N - 70800E	310	2.0	4.10	44	646	0.8	5	0.67	0.3	37	34	116	255	8.25	0.81	12	16	1.60	721	3	0.04	97	0.10	20	133	0.21	191	167	
121	655N - 70850E	45	0.6	3.93	92	737	0.7	5	0.60	0.3	38	27	57	157	6.71	0.64	12	19	1.39	1061	1	0.04	40	0.10	11	58	0.16	231	145	
122	70900	40	1.0	3.89	87	720	0.8	5	0.61	0.2	40	35	58	172	7.07	0.59	12	19	1.57	1481	1	0.04	47	0.10	11	61	0.16	254	131	
123	655N - 70950E	75	1.0	3.75	79	747	0.6	5	0.47	0.3	39	41	51	193	6.99	0.70	13	18	1.53	1441	1	0.05	53	0.09	12	57	0.15	250	117	
124	657N - 70550E	10	0.2	3.87	15	218	0.2	5	1.14	0.4	44	24	58	74	5.44	0.23	11	15	2.07	997	1	0.03	41	0.22	4	94	0.28	195	86	
125	657N - 70600E	270	2.0	4.69	32	655	0.4	5	1.02	0.2	44	38	58	155	6.60	0.80	11	21	1.77	1446	3	0.05	72	0.09	3	65	0.23	172	123	
126	657N - 70650E	170	0.4	3.96	14	465	0.3	5	0.87	0.2	40	24	41	76	6.01	0.51	10	22	1.61	643	2	0.04	31	0.11	6	56	0.21	184	114	
127	70700	180	1.2	4.66	7	503	0.4	5	0.35	0.2	34	24	46	99	6.29	0.73	11	25	1.49	862	1	0.04	37	0.12	13	29	0.18	209	112	
128	70750	20	0.4	4.41	12	356	0.3	5	1.04	0.2	47	22	54	93	5.69	0.43	12	22	1.99	563	1	0.04	42	0.13	8	69	0.23	197	103	
129	70800	25	0.2	3.70	14	488	0.4	5	0.41	0.2	35	22	36	74	5.71	0.54	10	18	1.30	885	1	0.04	26	0.10	16	36	0.25	183	86	
130	657N - 70850E	15	0.6	4.15	2	384	0.4	5	0.59	0.2	38	24	46	64	5.46	0.49	12	26	1.36	1593	1	0.04	26	0.25	7	37	0.25	191	91	
131	657N - 70900E	40	2.0	4.03	29	357	0.4	5	1.24	0.8	49	23	51	86	6.05	0.42	15	25	1.65	1088	1	0.05	36	0.18	13	87	0.22	179	177	
132	70950	100	2.0	2.50	14	867	0.8	5	0.31	1.1	35	39	46	156	8.67	0.73	13	10	0.61	1318	1	0.05	43	0.12	5	47	0.09	208	179	
133	71000	5	0.2	4.17	6	396	0.4	5	0.77	0.2	43	26	42	75	6.54	0.32	12	24	1.70	1323	1	0.04	30	0.15	4	53	0.23	218	118	
134	71050	160	2.0	4.73	107	759	0.9	5	0.46	0.5	40	37	60	218	8.56	0.88	14	23	1.51	1513	1	0.06	50	0.12	31	97	0.12	268	185	
135	657N - 71100E	230	2.4	2.78	183	989	0.9	5	0.32	1.1	39	33	52	156	7.28	0.67	13	15	0.77	1379	1	0.05	45	0.09	34	121	0.14	206	215	
136	169601	205	2.0	4.25	25	645	0.4	5	1.00	0.5	45	36	57	148	6.60	0.75	12	20	1.59	1567	1	0.05	56	0.10	4	57	0.23	181	120	
137	169602	125	0.2	4.41	13	622	0.5	5	0.96	0.4	42	30	44	124	6.44	0.68	11	20	1.97	1194	1	0.05	44	0.10	4	59	0.23	195	115	
138	169603	60	0.6	4.95	21	597	0.5	5	0.76	0.2	41	34	48	123	6.38	0.73	12	20	2.17	1577	1	0.05	62	0.10	2	60	0.23	186	121	
139	169604	20	0.2	3.88	11	644	0.3	5	1.91	0.7	50	26	37	115	5.01	0.65	11	15	1.90	2535	1	0.04	34	0.14	3	70	0.19	162	91	
140	169606 *□	5	0.2	2.64	28	284	0.2	5	1.57	2.4	42	28	27	90	3.71	0.18	8	10	1.10	1116	1	0.03	26	0.11	2	97	0.19	141	90	
141	169607	30	0.2	4.55	109	270	0.2	5	1.97	1.3	43	33	31	171	6.41	0.25	10	17	1.80	986	4	0.04	36	0.11	2	147	0.38	283	114	
142	169608	310	0.2	5.06	25	316	0.3	5	2.06	0.3	45	33	38	168	6.61	0.43	11	21	2.46	1074	1	0.06	39	0.10	2	123	0.33	239	101	
143	169609	5	0.2	5.03	9	306	0.2	5	1.88	0.4	46	23	33	99	5.95	0.37	11	18	1.84	1019	1	0.07	26	0.12	2	113	0.32	209	98	
144	169610	15	0.2	4.74	20	277	0.2	5	1.78	0.5	45	28	31	116	5.98	0.28	10	18	1.97	947	1	0.06	32	0.12	2	130	0.34	229	114	
145	169611	25	0.2	4.50	9	264	0.2	5	2.18	0.2	45	27	35	104	5.76	0.32	12	20	1.99	970	1	0.10	34	0.09	2	109	0.27	201	90	
146	169612	10	0.2	4.78	31	417	0.3	5	2.50	0.3	43	27	47	166	6.08	0.45	10	23	2.24	1280	1	0.09	39	0.13	4	101	0.20	188	98	
147	169613 *□	5	0.2	2.26	11	210	0.2	5	2.20	0.4	40	10	34	95	2.44	0.17	7	10	0.90	308	7	0.06	18	0.13	2	80	0.13	102	42	
148	169614 *□	5	0.2	0.77	9	181	0.2	5	4.64	0.6	38	5	15	55	0.95	0.10	4	4	0.26	154	2	0.03	8	0.08	2	134	0.05	35	26	
151	169615	5	0.2	4.70	2	146	0.2	5	1.81	0.2	43	14	45	62	5.88	0.23	10	12	1.48	564	1	0.05	23	0.12	2	109	0.40	251	70	
152	169616	5	0.2	4.71	2	163	0.2	5	2.34	0.2	45	12	35	30	5.06	0.24	11	12	1.23	536	1	0.07	18	0.08	2	135	0.32	212	52	
153	169617	10	0.2	4.42	2	173	0.2	5	2.38	0.2	46	12	29	33	5.42	0.28	10	11	1.36	554	1	0.07	19	0.12	2	127	0.34	220	56	
154	169618	25	0.2	4.78	2	152	0.2	5	2.22	0.2	47	17	34	51	5.28	0.24	10	15	1.64	591	1	0.07	26	0.07	2	121	0.31	201	62	
155	169619 *	10	0.2	2.85	9	229	0.2	5	3.47	0.3	41	15	33	143	3.39	0.21	8	13	1.04	570	1	0.05	22	0.11	2	103	0.18	114	52	
156	169620	5	0.2	4.72	6	249	0.2	5	2.77	0.2	48	26	36	152	5.79	0.28	10	24	2.04	993	1	0.09	33	0.10	2	114	0.31	204	80	
157	169621	10	0.2	5.32	2	269	0.2	5	2.75	0.2	49	30	34	124	6.40	0.31	11	21	2.40	970	1	0.10	35	0.09	2	141	0.34	227	85	
158	169622	10	0.2	4.68	3	229	0.2	5	2.36	0.2	51	27	33	115	5.74	0.25	11	19	2.10	749	1	0.10	31	0.06	2	100	0.29	193	72	
159	169623	5	0.2	4.20	13	271	0.2	5	2.47	0.2	50	27	39	124	5.49	0.26	10	20	1.88	1248	1	0.08	31	0.12	2	105	0.26	179	91	
160	169624	10	0.2	5.25	2	140	0.2	5	2.31	0.2	45	19	54	43	6.44	0.21	11	19	1.94	619	1	0.09	27	0.06	2	136	0.32	222	77	
161	169643	350	1.2	4.67	12	699	0.3	5	0.54	0.8	33	43	99	154	6.90	1.20	11	22	1.62	119										

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm	Pa. 11 of 19
163	169645	120	0.2	4.01	27	384	0.3	5	0.44	0.8	42	35	54	81	5.17	0.95	13	20	1.48	838	2	0.10	84	0.06	12	23	0.22	116	152	
164	169646	80	0.2	4.21	54	458	0.3	5	0.46	1.1	41	31	36	97	5.09	0.92	12	23	1.55	1429	2	0.06	68	0.07	14	22	0.17	117	176	
165	169647	110	1.0	4.32	45	591	0.3	5	0.55	0.8	39	34	61	144	6.49	0.86	12	23	1.90	1438	1	0.08	69	0.09	24	28	0.24	186	182	
166	169648	190	0.6	3.81	31	530	0.2	5	0.52	0.4	35	30	55	140	5.93	0.68	11	25	1.60	1221	1	0.07	56	0.09	20	30	0.22	183	137	
167	169649	150	1.2	3.67	18	696	0.3	5	0.48	0.6	36	36	51	152	6.43	0.84	12	20	1.60	1185	1	0.07	54	0.09	21	28	0.22	196	128	
168	169650	150	1.0	3.81	16	597	0.2	5	0.68	0.5	36	32	63	157	6.22	0.73	12	26	1.90	1168	1	0.07	44	0.08	10	38	0.22	197	119	
169	169676	220	2.0	3.56	23	697	0.4	5	0.57	0.9	37	44	59	219	7.54	0.84	14	23	1.97	1252	2	0.05	77	0.09	26	33	0.25	243	159	
170	169677	410	1.6	3.80	29	541	0.3	5	0.58	0.9	34	44	96	177	7.08	0.72	12	23	2.17	1275	4	0.07	86	0.08	58	33	0.21	224	194	
171	169678	310	1.8	4.58	26	662	0.4	5	0.57	0.5	37	42	71	169	7.79	1.15	13	19	1.62	1566	1	0.10	79	0.09	77	33	0.28	203	185	
172	169679	1100	2.0	4.32	24	695	0.3	5	0.46	0.7	36	36	62	152	7.40	1.10	14	18	1.50	1463	1	0.08	70	0.09	105	25	0.24	207	195	
173	169680	800	2.0	4.13	10	607	0.3	5	0.39	0.9	35	30	29	93	7.88	0.75	13	21	1.57	1378	1	0.05	27	0.13	98	20	0.31	188	218	
174	169681	210	3.2	4.34	9	508	0.3	5	0.44	0.5	34	27	28	86	7.22	0.72	12	25	1.55	1309	1	0.06	29	0.11	78	22	0.30	166	183	
175	169682	130	1.4	4.09	38	546	0.2	5	0.69	0.5	39	28	26	111	7.96	0.79	13	23	1.46	1068	1	0.14	35	0.12	35	32	0.29	182	178	
176	169683	120	0.6	4.59	3	439	0.2	5	0.80	0.4	41	31	47	87	7.07	0.31	13	32	2.30	1946	1	0.03	35	0.18	66	31	0.32	235	144	
177	169684	1500	3.0	3.74	19	548	0.6	5	0.56	2.1	44	32	37	105	7.54	0.79	14	20	1.39	1478	1	0.06	39	0.12	242	32	0.26	165	278	
178	169685	380	2.8	4.00	20	525	0.7	5	0.61	1.1	46	36	47	139	8.04	0.76	15	21	1.52	1824	1	0.05	47	0.12	126	34	0.25	182	201	
179	169686	600	5.2	3.76	93	647	0.6	5	0.85	0.8	48	40	67	156	7.89	0.79	14	19	1.71	1871	2	0.05	76	0.11	76	53	0.22	178	198	
180	169687	630	4.0	3.81	44	660	0.6	5	0.60	0.9	47	43	82	210	8.14	0.82	14	20	1.75	2113	7	0.04	89	0.11	73	34	0.21	180	189	
181	169689	430	2.2	4.58	16	666	0.5	5	0.54	0.7	36	36	38	143	7.86	0.89	12	23	1.86	1828	2	0.05	44	0.10	108	34	0.27	187	202	
182	169690	420	1.4	4.50	30	720	0.5	5	0.39	0.5	38	35	41	130	7.13	0.95	13	19	1.35	1409	3	0.05	53	0.09	63	42	0.21	159	189	
183	169691	340	2.0	5.13	33	750	0.4	5	0.70	0.3	40	38	54	164	7.60	0.79	11	24	2.01	1488	1	0.05	68	0.10	45	46	0.30	199	167	
184	169692	900	2.4	4.05	12	526	0.3	5	0.57	0.4	38	29	32	137	6.21	0.75	12	19	1.56	1406	2	0.04	44	0.09	30	42	0.24	146	149	
185	169693	1100	3.4	4.66	24	528	0.4	5	0.71	0.3	45	43	27	151	7.91	0.77	14	24	1.63	1743	2	0.04	54	0.11	21	60	0.22	175	160	
186	169694	470	2.2	4.86	20	580	0.3	5	0.61	0.2	40	34	31	156	7.46	0.68	14	28	1.73	1608	1	0.05	38	0.16	21	37	0.26	180	144	
187	169695	160	2.0	4.64	15	589	0.3	5	0.68	0.4	37	33	33	126	6.78	0.80	12	25	1.63	1450	1	0.06	44	0.10	13	45	0.22	181	141	
188	169696	80	1.6	4.47	15	505	0.3	5	0.95	0.4	43	28	46	102	6.28	0.62	13	22	1.93	1369	1	0.04	48	0.13	10	55	0.28	177	128	
189	169697	270	3.0	4.58	55	572	0.4	5	0.86	0.6	40	29	43	152	7.21	0.64	13	25	1.99	1629	1	0.05	39	0.12	13	52	0.23	213	169	
190	169698	90	1.8	4.83	12	592	0.4	5	0.52	0.2	34	33	52	125	7.40	0.59	12	27	1.98	1770	1	0.05	48	0.13	10	39	0.23	217	129	
191	169699	200	1.0	2.12	12	385	0.3	5	1.93	2.0	43	21	30	97	4.18	0.43	8	11	0.78	1943	1	0.03	23	0.17	9	72	0.14	100	162	
192	169700	80	1.2	3.47	21	529	0.3	5	1.29	0.3	43	23	41	113	5.34	0.57	10	19	1.54	942	1	0.04	39	0.12	4	48	0.23	152	101	
193	169865	5	0.2	4.71	2	164	0.2	5	2.03	0.2	48	13	31	34	4.95	0.26	10	13	1.28	691	1	0.07	19	0.14	2	97	0.29	168	78	
194	169866	5	0.2	4.59	2	146	0.2	5	1.77	0.2	44	16	27	62	4.88	0.22	9	13	1.31	628	1	0.07	21	0.13	2	79	0.23	141	68	
195	169867	10	0.2	3.91	6	214	0.2	5	2.02	0.2	46	14	26	54	4.51	0.24	9	13	1.29	586	1	0.08	19	0.11	2	93	0.25	154	68	
196	169868 * <sup>II</sup>	5	0.2	0.13	7	48	0.2	5	1.62	1.4	35	4	4	18	0.18	0.19	4	3	0.21	183	1	0.02	3	0.09	3	46	0.01	8	113	
197	169869	5	0.2	4.49	3	139	0.2	5	1.63	0.2	46	15	28	50	5.11	0.19	9	18	1.39	554	1	0.07	18	0.11	2	77	0.27	164	75	
198	169870	10	0.2	4.31	6	277	0.2	5	1.74	0.2	46	24	30	103	5.04	0.31	10	20	1.75	952	1	0.07	27	0.10	2	87	0.25	157	85	
201	169871	65	0.2	3.93	2	364	0.2	5	0.69	0.2	32	28	29	74	7.17	0.35	9	20	1.42	892	1	0.07	23	0.09	2	35	0.26	175	120	
202	169872 * <sup>II</sup>	5	0.2	0.34	2	63	0.2	5	1.15	0.9	25	4	6	18	0.76	0.14	3	3	0.18	361	1	0.02	4	0.11	3	22	0.02	17	117	
203	169873	90	0.2	4.12	2	336	0.3	5	1.29	0.2	44	34	31	101	7.40	0.39	11	18	1.44	1187	1	0.11	34	0.11	2	63	0.24	179	113	
204	169874	30	0.2	3.03	7	403	0.2	5	1.10	0.2	41	27	76	54	6.24	0.45	10	15	0.92	1669	1	0.07	23	0.09	2	46	0.22	180	124	
205	169875 soil	25	0.2	4.86	6	201	0.2	5	1.64	0.2	42	18	29	69	5.70	0.26	10	19	1.46	753	1	0.08	21	0.10	3	90	0.27	191	101	

**NORANDA DELTA LABORATORY**  
**Geochemical Analysis**

Project Name & No.: MARIPOSITE - 45549      Geol.: G.G.      Date received: AUG. 04      LAB CODE: 9408-012

Material: 118 Soils & 22 Rx

Remarks: \* Sample screened @ -35 MESH (0.5 mm)

Sheet 1 of 3

Date completed: AUG. 11

\*\* Organic, Δ Humus, S Sulfide

Au - 10.0 g sample digested with aqua-regia and determined by A.A. (D.L. 5 PPB)

ICP - 0.2 g sample digested with 3 ml HClO<sub>4</sub>/HNO<sub>3</sub> (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
3	650N - 70700E	45	0.8	4.02	38	827	0.4	5	0.30	1.2	29	33	33	213	7.27	1.07	19	16	1.08	1311	2	0.08	52	0.10	6	26	0.22	169	169
4	70750	180	0.6	5.59	5	685	1.0	5	0.45	0.2	30	38	74	196	8.44	1.47	22	16	1.02	2218	1	0.07	66	0.13	2	43	0.24	227	143
5	70800	30	0.4	5.47	4	599	0.4	5	0.34	0.7	20	44	41	286	8.42	0.92	16	20	1.68	1935	3	0.05	51	0.20	20	20	0.20	226	133
6	70850	30	0.2	5.00	45	608	0.4	5	1.24	1.1	24	40	53	118	7.56	1.16	15	12	0.83	3169	2	0.09	58	0.27	14	50	0.09	175	187
7	650N - 70900E	40	0.2	4.83	2	800	0.5	5	0.40	0.3	30	22	19	103	7.28	1.14	19	16	0.94	2627	1	0.05	27	0.17	12	28	0.21	144	168
8	650N - 70950E	20	0.2	3.88	5	680	0.3	5	0.83	0.9	24	20	14	101	6.14	0.58	12	18	1.51	2162	1	0.04	12	0.15	3	25	0.30	198	107
9	71000	15	0.6	3.99	32	589	0.4	5	1.34	0.5	40	32	23	110	4.50	0.54	23	13	0.89	3067	1	0.04	17	0.45	11	42	0.17	117	101
10	71050	490	0.2	3.44	3	660	0.3	5	1.33	1.0	30	13	24	49	4.40	0.56	14	12	0.90	3094	1	0.04	13	0.28	14	41	0.23	142	89
11	71100	15	0.6	3.21	14	698	0.4	5	1.56	0.6	33	15	25	93	3.58	0.41	27	11	0.69	1836	2	0.03	15	0.38	7	46	0.14	108	82
12	650N - 71150E	70	0.2	4.41	47	692	0.5	5	0.38	0.5	14	24	72	97	6.40	0.59	12	21	1.30	1290	1	0.05	36	0.19	10	65	0.16	238	132
13	650N - 71200E	130	1.0	3.03	14	412	0.8	5	0.14	0.2	16	20	23	101	7.06	0.53	13	7	0.35	1510	1	0.05	14	0.13	9	87	0.08	167	127
14	71250	200	1.2	3.34	36	549	1.0	5	0.20	0.4	12	34	74	139	8.05	0.56	11	13	0.99	1724	1	0.04	46	0.10	19	63	0.13	246	151
15	71300	190	0.4	3.42	24	657	0.6	5	0.27	0.6	16	31	64	143	7.52	0.63	12	18	1.00	1929	1	0.05	46	0.12	21	43	0.13	210	159
16	71350	250	1.2	3.36	13	684	0.6	5	0.36	0.3	15	29	54	129	7.19	0.70	11	18	1.24	1904	1	0.05	38	0.12	13	40	0.18	201	159
17	650N - 71400E	80	0.4	3.28	13	731	0.7	5	0.80	0.9	19	23	31	78	6.27	0.66	11	15	0.94	1790	1	0.05	21	0.16	9	40	0.18	165	133
18	650N - 71450E	120	0.2	4.74	27	649	0.4	5	0.32	0.6	14	30	41	139	6.71	0.75	12	25	1.36	1320	1	0.08	35	0.12	9	48	0.15	227	125
19	71500	270	0.2	4.85	33	546	0.4	5	0.49	0.5	18	37	55	169	7.38	0.84	13	27	1.54	1381	1	0.09	48	0.10	6	62	0.15	242	135
20	71550	80	0.2	3.37	91	520	0.3	5	1.23	0.7	23	25	43	113	5.18	0.64	11	16	0.93	1653	2	0.08	33	0.22	6	57	0.11	162	100
21	71600	70	0.4	5.30	22	715	0.5	5	1.35	0.3	22	28	55	168	6.44	0.85	15	28	1.34	1563	2	0.09	35	0.31	11	79	0.15	235	116
22	650N - 71650E	75	0.4	5.39	21	719	0.4	5	1.12	0.2	22	38	49	174	7.41	0.86	13	32	1.52	2167	2	0.10	39	0.21	12	71	0.19	257	135
23	650N - 71700E	140	0.2	5.17	18	647	0.4	5	0.43	0.2	14	20	49	113	6.54	0.92	12	24	1.02	794	3	0.10	32	0.17	7	51	0.12	218	107
24	71750	10	0.2	5.48	2	257	0.2	5	1.94	0.3	20	23	32	94	5.82	0.31	12	27	2.38	863	1	0.08	32	0.09	2	112	0.25	216	88
25	71800	20	0.2	4.69	9	335	0.3	5	1.42	0.2	21	23	43	68	5.49	0.41	11	34	1.85	1071	1	0.07	30	0.18	5	71	0.20	207	105
26	71850	75	0.2	4.99	9	385	0.2	5	1.35	0.2	23	28	43	142	5.97	0.54	12	29	2.26	1163	1	0.08	38	0.10	2	74	0.20	215	91
27	650N - 71900E	20	0.2	6.26	7	802	0.3	5	0.98	0.6	18	30	39	146	6.74	0.79	12	41	2.44	1137	1	0.12	41	0.13	4	60	0.15	262	110
28	650N - 71950E	20	0.2	5.89	12	418	0.4	5	1.04	0.2	18	26	45	150	6.21	0.79	12	40	2.10	688	2	0.12	40	0.11	3	48	0.12	253	101
29	72000	20	0.2	4.89	8	274	0.2	5	1.02	0.3	19	23	45	87	5.47	0.39	10	24	1.92	1127	1	0.06	31	0.17	5	56	0.23	191	101
30	72050	5	0.2	5.15	7	221	0.3	5	1.34	0.4	25	23	41	74	5.74	0.39	13	31	2.13	1140	3	0.07	29	0.21	4	63	0.25	211	130
31	72100	10	0.2	5.21	2	162	0.2	5	1.25	0.2	18	21	44	85	5.47	0.25	11	27	2.14	778	1	0.07	31	0.14	2	56	0.26	199	96
32	650N - 72150E	45	0.2	4.93	2	239	0.2	5	1.19	0.2	18	22	47	71	5.69	0.26	11	33	2.24	577	1	0.06	34	0.12	2	41	0.28	218	104
33	650N - 72200E	5	0.2	5.11	2	351	0.2	5	0.43	0.2	14	22	29	84	6.47	0.35	11	34	2.36	804	1	0.03	24	0.11	2	18	0.32	277	93
34	652N - 71000E	5	0.2	4.45	17	1002	0.2	5	1.53	0.9	24	46	129	124	6.65	0.16	12	18	2.50	2341	2	0.03	54	0.24	8	73	0.32	317	154
35	71050	10	0.2	4.10	16	449	0.3	5	1.41	0.3	33	28	54	189	5.36	0.25	13	18	1.78	3196	1	0.03	32	0.22	50	72	0.21	201	90
36	71100	5	0.2	4.30	13	439	0.3	5	1.07	0.5	24	33	71	116	6.21	0.53	13	22	2.20	2083	1	0.03	46	0.26	11	81	0.22	229	103
37	652N - 71150E	140	1.0	3.38	288	1002	1.4	5	0.55	0.4	26	51	66	132	8.09	0.80	15	10	0.53	1813	2	0.08	72	0.11	29	295	0.06	234	130

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T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bc ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm	9406-012 Pg. 2 of 3
38	652N -71200E	310	0.4	3.92	84	663	0.5	5	0.43	0.9	19	42	100	169	7.70	0.57	13	24	1.73	1550	1	0.05	61	0.09	17	60	0.18	258	144	
39	71250	650	0.2	4.61	39	469	0.3	5	1.19	0.8	25	34	63	166	6.77	0.49	14	28	2.09	1292	1	0.04	47	0.11	11	102	0.23	246	119	
40	71300	130	0.2	4.48	52	460	0.3	5	1.05	0.4	25	38	67	181	6.98	0.55	14	24	2.51	1154	1	0.04	58	0.07	10	85	0.27	287	132	
41	71350	170	0.2	4.52	50	458	0.3	5	0.63	0.6	18	38	73	174	6.94	0.68	14	27	2.43	1193	1	0.04	51	0.08	6	59	0.21	257	122	
42	652N -71400E	900	0.4	5.41	9	625	0.4	5	0.61	0.2	22	34	29	190	7.29	0.81	16	33	1.62	1200	1	0.08	33	0.10	8	66	0.18	246	118	
43	652N -71450E	330	0.4	4.79	45	621	0.3	5	0.58	0.5	20	50	49	191	7.51	0.71	14	28	1.52	1614	1	0.11	56	0.08	3	64	0.12	233	135	
44	71500	270	0.2	4.49	49	604	0.4	5	0.46	0.3	18	36	66	145	7.01	0.66	14	26	1.48	1238	1	0.08	49	0.11	6	71	0.17	241	126	
45	71550	270	0.6	4.33	34	618	0.3	5	0.50	0.4	21	33	42	145	6.72	0.67	13	26	1.48	1363	1	0.06	38	0.10	7	54	0.19	209	123	
46	71600	460	0.2	4.07	39	609	0.4	5	0.25	0.2	18	34	59	136	6.76	0.80	14	19	0.95	1137	1	0.12	46	0.09	9	56	0.11	213	119	
47	652N -71650E	5500	0.4	5.12	26	795	0.5	5	0.36	0.4	18	54	48	204	8.09	1.11	15	27	1.26	1885	1	0.12	59	0.10	18	58	0.10	245	152	
48	652N -71700E	220	0.2	4.14	55	520	0.3	5	0.38	0.7	19	39	64	158	6.52	0.69	13	28	1.69	1207	1	0.07	52	0.08	6	44	0.15	236	120	
51	71750	100	0.2	5.74	17	708	0.5	5	0.39	0.2	13	31	50	160	6.72	1.12	13	30	1.31	1257	1	0.14	41	0.11	2	40	0.10	241	113	
52	71800	35	0.2	5.46	10	565	0.4	5	0.68	0.2	19	28	35	156	6.15	0.76	13	33	1.63	1401	1	0.13	32	0.14	6	48	0.12	239	98	
53	71850	35	0.2	6.65	4	496	0.4	5	0.78	0.6	16	34	38	152	7.10	0.80	13	43	2.69	1317	1	0.11	44	0.13	2	49	0.16	269	108	
54	652N -71900E	15	0.2	5.56	2	318	0.3	5	1.00	0.5	19	29	46	120	6.09	0.47	11	35	2.46	1372	1	0.08	41	0.15	2	48	0.17	227	91	
55	652N -71950E	10	0.2	4.41	11	339	0.3	5	0.91	0.6	20	21	39	101	5.21	0.41	9	24	1.47	1379	1	0.06	26	0.27	3	48	0.16	172	86	
56	72000	10	0.2	5.86	2	292	0.2	5	1.48	0.3	22	28	28	114	6.21	0.53	12	38	2.62	1216	1	0.10	33	0.10	2	61	0.21	216	99	
57	72050	5	0.2	5.52	6	274	0.2	5	1.06	0.6	20	28	36	114	6.23	0.41	11	39	2.85	1079	1	0.06	38	0.11	2	58	0.26	232	104	
58	652N -72100E	5	0.2	4.52	7	275	0.2	5	1.67	0.4	27	20	27	86	4.73	0.14	11	28	1.90	1381	1	0.06	25	0.19	4	145	0.24	159	112	
59	653N -71100E	5	0.2	5.07	19	955	0.3	5	0.70	0.7	29	31	28	219	6.58	1.07	18	30	2.26	1963	1	0.03	30	0.12	14	41	0.31	225	136	
60	653N -71150E	260	0.2	3.78	156	755	1.1	5	1.40	1.3	32	95	86	203	10.13	0.78	17	14	0.84	3223	6	0.06	123	0.12	19	325	0.05	261	150	
61	71200	130	0.2	5.01	13	675	0.6	5	0.54	0.6	19	39	55	224	7.39	0.92	15	29	2.21	1442	1	0.05	51	0.08	8	36	0.29	290	124	
62	71250	880	0.2	5.07	37	710	0.4	5	0.71	0.7	24	52	48	215	7.45	0.88	13	28	2.01	1682	2	0.07	52	0.09	29	67	0.22	280	138	
63	71300	120	0.2	5.00	11	607	0.3	5	0.81	0.8	22	38	44	222	7.60	0.63	13	35	2.75	1370	1	0.04	45	0.08	6	62	0.29	299	122	
64	653N -71350E	810	0.8	6.14	148	1246	0.3	5	0.49	1.3	31	45	46	192	8.20	1.48	22	36	2.84	6177	4	0.05	73	0.12	19	30	0.26	398	234	
65	653N -71400E	100	0.4	5.31	14	629	0.3	5	0.69	0.7	23	37	36	198	7.31	0.81	15	32	1.94	1364	1	0.07	42	0.10	5	77	0.20	254	124	
66	654N -71400E	160	0.2	6.02	20	768	0.3	5	0.55	0.8	22	45	36	233	7.55	1.11	16	33	2.34	2314	3	0.08	41	0.10	5	48	0.13	259	127	
67	71450	310	0.4	5.02	15	715	0.3	5	0.77	1.1	26	41	37	206	7.92	0.68	15	28	1.96	1718	1	0.06	39	0.10	6	64	0.18	232	149	
68	71500	1100	0.6	4.75	23	703	0.4	5	0.36	0.2	19	58	44	222	8.25	0.95	13	22	1.13	1702	1	0.12	60	0.09	14	69	0.13	225	141	
69	654N -71550E	2700	0.6	4.56	22	685	0.4	5	0.36	0.6	20	51	52	205	8.06	0.87	14	22	1.09	1640	1	0.12	57	0.10	18	80	0.11	206	138	
70	654N -71600E	1400	0.6	5.58	15	899	0.5	5	0.32	0.7	12	60	29	177	8.17	1.38	12	22	0.97	1849	1	0.12	50	0.09	26	52	0.07	214	151	
71	71650	2000	0.2	4.41	42	600	0.4	5	0.68	0.9	20	37	57	162	6.76	0.65	13	27	1.74	1584	1	0.07	47	0.11	7	55	0.17	239	125	
72	71700	110	0.2	8.05	6	837	0.6	5	1.57	0.6	28	39	29	323	7.10	1.27	18	43	1.75	2169	1	0.24	40	0.09	2	44	0.08	282	117	
73	71750	40	0.2	6.62	8	675	0.4	5	0.71	0.6	20	39	28	242	7.28	0.92	14	43	2.29	1962	1	0.19	41	0.09	4	56	0.13	278	116	
74	654N -71800E	10	0.2	6.05	2	478	0.3	5	0.96	0.2	22	30	42	134	6.59	0.67	13	39	2.31	1243	1	0.11	42	0.17	2	47	0.15	258	103	
75	654N -71850E	5	0.2	6.35	2	374	0.3	5	1.13	0.6	23	29	47	122	6.35	0.55	14	41	2.78	1382	1	0.09	42	0.13	2	45	0.19	217	105	
76	71900	5	0.2	5.79	2	326	0.2	5	1.55	0.5	24	28	33	120	6.44	0.44	13	38	2.62	1185	1	0.09	33	0.12	2	61	0.24	218	100	
77	71950	50	0.2	5.09	2	439	0.2	5	1.05	0.5	24	30	42	137	6.53	0.39	13	40	2.83	1089	1	0.06	41	0.10	2	42	0.27	245	101	
78	72000	5	0.2	5.89	2	295	0.2	5	2.06	0.8	23	33	35	158	6.67	0.46	14	42	3.18	1202	1	0.08	44	0.09	2	97	0.28	257	105	
79	654N -72050E	5	0.2	5.49	2	225	0.2	5	1.07	0.7	16	33	51	127	6.23	0.18	11	38	3.59	1370	1	0.07	50	0.12	2	43	0.31	289	100	
80	654N -72100E	5	0.2	4.79	2	287	0.2	5	0.91	0.7	24	23	24	94	5.77	0.47	13	30	2.40	1180	1	0.05	27	0.11	4	55	0.28	206	108	
81	169626	120	1.0	4.84	11	685	0.5	5	0.64	0.2	18	43	31	197	7.60	0.91	12	34	1.54	1704	1	0.10	38	0.09	4	56	0.17	227	118	
82	169627	290	0.6	4.77	10	667	0.3	5	0.72	0.3	19	35	33	203	7.13	0.87	13	38	2.04	1729	1	0.06</								

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Ca ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm	Pg. 3 of 3
85	169630	90	0.8	4.53	9	773	0.5	5	1.35	0.8	28	52	54	221	7.51	0.85	14	33	2.64	2010	1	0.04	66	0.09	5	62	0.23	279	123	
86	169631	5	0.4	7.35	2	776	0.3	5	0.61	0.6	12	37	40	159	6.92	1.31	11	30	3.44	1668	1	0.10	58	0.09	2	33	0.11	306	103	
87	169632	110	0.6	5.72	9	796	0.2	5	0.96	0.8	18	46	36	270	7.46	0.66	11	43	3.63	2037	1	0.07	47	0.09	3	38	0.21	265	100	
88	169633 *	5	0.2	6.78	2	734	0.2	5	0.63	0.3	11	24	17	94	5.70	1.21	8	37	2.47	1143	1	0.19	29	0.08	2	29	0.09	161	83	
89	169634 *	45	0.2	6.36	2	365	0.3	5	0.27	0.3	10	32	30	214	9.10	0.64	12	31	1.40	3440	1	0.13	30	0.13	10	18	0.06	206	146	
90	169635	10	0.4	5.78	2	381	0.2	5	0.48	0.3	13	46	183	133	7.52	0.34	11	33	4.90	1638	1	0.04	171	0.10	2	13	0.21	273	107	
91	169636	210	0.6	4.93	20	671	0.3	5	0.48	0.8	16	39	75	160	6.70	0.77	13	33	1.75	1429	1	0.07	59	0.11	10	25	0.16	240	133	
92	169637	70	0.6	4.41	16	314	0.2	5	0.60	0.9	20	36	59	169	6.72	0.55	12	34	2.38	1429	1	0.06	55	0.08	16	23	0.21	239	127	
93	169638	130	0.6	4.97	7	749	0.3	5	1.63	0.7	24	41	51	164	7.24	0.65	12	31	2.25	1272	1	0.08	61	0.08	19	37	0.27	239	117	
94	169639	410	0.6	4.57	10	700	0.3	5	0.72	0.8	23	37	47	173	7.43	0.78	13	29	1.84	1486	1	0.12	50	0.10	14	28	0.24	240	132	
95	169640	440	0.6	4.35	7	712	0.3	5	0.53	0.9	20	35	41	163	7.28	0.86	13	28	1.73	1259	1	0.09	45	0.09	16	22	0.20	235	133	
96	169641	270	0.6	5.13	13	773	0.4	5	0.63	0.8	22	47	63	246	7.78	0.83	15	36	2.35	1645	2	0.09	74	0.09	25	30	0.18	262	140	
97	169642	310	0.8	4.15	4	756	0.4	5	0.53	0.9	24	35	45	184	8.26	0.98	15	24	1.61	1846	2	0.08	45	0.11	30	22	0.21	240	166	
98	169651	170	1.0	4.24	23	661	0.4	5	0.28	0.5	17	37	55	229	8.01	1.18	14	13	0.98	1192	7	0.09	63	0.10	14	28	0.08	244	183	
101	169652	40	0.2	5.05	3	868	0.5	5	0.33	0.5	27	22	25	111	6.48	1.14	20	13	0.61	2140	1	0.07	19	0.28	8	31	0.20	151	112	
102	169653 *	65	0.8	3.33	20	624	0.5	5	0.16	1.2	24	16	11	85	5.29	1.15	15	9	0.65	1465	1	0.04	26	0.09	13	22	0.11	101	152	
103	169654	110	1.2	5.09	120	1124	0.6	5	0.21	1.6	29	34	13	151	7.62	1.72	20	16	0.70	1887	5	0.07	49	0.11	32	49	0.10	116	236	
104	169655 *	120	1.0	5.46	7	3048	0.6	5	0.34	0.6	17	31	19	153	7.84	1.50	13	20	1.01	2724	1	0.10	34	0.11	9	47	0.10	192	157	
105	169656	280	0.6	4.68	38	2163	0.5	5	0.58	0.3	26	28	36	178	7.73	0.90	17	19	1.66	1414	2	0.05	36	0.11	10	59	0.20	234	158	
106	169657	260	0.4	5.09	137	1459	0.3	5	1.13	1.5	26	49	80	231	7.98	0.47	16	22	3.03	1545	4	0.04	78	0.09	10	80	0.26	330	174	
107	169658	160	0.6	4.69	124	1246	0.3	5	1.31	1.3	28	45	91	240	7.64	0.44	14	22	3.09	1414	3	0.04	80	0.09	11	128	0.28	293	153	
108	169659	40	0.4	4.45	113	967	0.4	5	1.61	1.0	26	44	73	220	7.43	0.51	15	24	3.52	1287	1	0.03	69	0.08	7	102	0.32	313	128	
109	169660	60	0.4	4.70	478	576	0.3	5	0.82	1.7	22	55	108	304	8.47	0.49	14	24	3.26	1523	4	0.03	100	0.09	10	51	0.30	409	170	
110	169661	410	0.6	4.47	51	920	0.6	5	0.42	0.4	18	46	53	218	7.93	0.93	14	22	1.66	1701	2	0.06	53	0.09	16	49	0.17	290	136	
111	169662	2000	1.2	2.89	38	522	0.6	5	0.56	0.4	21	39	62	236	7.97	0.63	14	15	1.14	1380	1	0.05	49	0.09	20	59	0.20	289	127	
112	169663	180	0.6	4.34	55	562	0.6	5	0.87	0.3	19	40	50	211	7.20	0.74	13	26	2.04	1657	1	0.05	49	0.08	11	56	0.12	272	107	
113	169664	200	1.2	5.15	29	1034	1.2	5	0.50	0.5	19	43	47	278	8.32	0.95	16	29	1.75	2074	1	0.07	49	0.10	9	68	0.12	290	128	
114	169665	350	0.8	4.74	86	786	0.7	5	0.60	0.5	19	36	45	201	7.48	0.89	14	25	1.95	2118	1	0.07	47	0.10	21	67	0.16	270	135	
115	169666	760	1.4	4.23	356	129	0.9	5	0.66	0.6	21	46	58	204	8.13	0.87	14	25	1.22	1588	4	0.07	64	0.09	32	150	0.11	262	198	
116	169667	170	0.8	5.06	75	640	0.8	5	1.02	0.6	36	47	67	383	9.60	0.61	21	48	1.40	2276	3	0.10	59	0.12	18	186	0.08	295	150	
117	169668	510	0.6	5.07	31	561	0.5	5	0.76	0.4	23	39	43	194	7.24	0.80	14	34	1.65	1555	1	0.06	48	0.09	7	122	0.16	246	127	
118	169669	85	0.4	4.43	24	740	0.4	5	0.63	0.4	21	33	41	183	6.98	0.78	13	33	2.03	1580	1	0.05	42	0.09	9	46	0.22	255	132	
119	169670	340	1.2	4.84	26	531	1.0	5	0.44	0.3	22	44	41	203	7.89	1.17	15	29	1.13	1861	1	0.09	50	0.10	18	106	0.14	239	158	
120	169671	690	1.0	4.03	14	161	0.7	5	0.34	0.2	17	46	38	198	8.54	0.85	14	21	0.97	1590	1	0.08	48	0.09	14	82	0.11	237	150	
121	169672	600	1.0	3.52	16	712	0.7	5	0.34	0.2	18	40	40	191	8.02	0.93	14	17	0.87	1501	1	0.08	42	0.10	49	43	0.10	205	182	
122	169673	760	1.2	3.56	24	531	0.5	5	0.34	0.2	19	55	85	301	9.20	0.71	15	23	1.03	1694	3	0.10	78	0.09	24	41	0.10	248	202	
123	169674	420	1.2	4.27	36	571	0.5	5	0.41	0.7	18	41	56	192	7.63	0.88	14	27	1.53	1538	1	0.07	50	0.09	9	37	0.18	245	135	
124	169675 soil	230	0.8	3.88	22	531	0.5	5	0.32	0.6	19	43	86	197	7.88	0.85	13	22	1.27	1604	1	0.07	63	0.08	10	30	0.13	256	133	

**NORANDA DELTA LABORATORY**  
**Geochemical Analysis**

Project Name & No.: MARIPOSITE - 45549

Material: 94 Soils & 56 Rx

Remarks: \* Sample screened @ -35 MESH (0.5 mm)

Geol.: G.G.

Sheet: 1 of 4

Date received: AUG. 10

Date completed: AUG. 26

LAB CODE: 9408-029

Au - 10.0 g sample digested with aqua-regia and determined by A.A. (D.L. 5 PPB)

ICP - 0.2 g sample digested with 3 ml HClO<sub>4</sub>/HNO<sub>3</sub> (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
77	63000N - 71000E	20	0.2	4.85	30	161	0.3	5	2.05	0.7	39	33	30	149	6.26	0.18	12	16	1.84	1105	2	0.04	36	0.10	2	141	0.34	259	123
78	71050	150	0.4	4.46	31	499	0.4	5	1.22	0.3	41	63	50	236	8.64	0.77	15	13	0.95	2983	1	0.11	70	0.18	2	63	0.11	189	124
79	71100	5	0.2	5.33	19	87	0.3	5	2.93	0.3	36	25	34	105	5.81	0.12	10	17	1.92	658	1	0.04	38	0.08	2	251	0.47	244	74
80	71150	5	0.2	5.01	5	142	0.4	5	2.00	0.2	36	20	40	77	5.53	0.23	11	17	1.82	626	1	0.08	31	0.07	2	104	0.28	199	80
81	63000N - 71200E	95	0.6	4.18	10	309	0.5	5	1.30	0.2	34	29	62	77	6.21	0.34	10	20	1.15	1149	1	0.09	47	0.14	12	70	0.21	171	93
82	63000N - 71250E	120	0.4	3.64	16	919	1.1	5	1.39	0.2	37	38	60	86	9.09	0.73	11	14	0.96	2036	1	0.06	51	0.15	2	109	0.15	268	149
83	71300	25	0.6	3.94	22	503	1.1	5	0.75	0.2	31	37	87	109	7.79	0.39	12	30	1.59	1018	1	0.05	82	0.10	2	45	0.23	293	111
84	71350	10	0.2	4.53	7	440	0.3	5	1.02	0.5	32	24	24	100	5.74	0.26	10	29	1.79	1190	1	0.04	20	0.09	2	66	0.33	241	97
85	71400	20	0.4	3.40	2	933	2.8	5	0.38	0.2	24	31	68	77	7.85	0.40	11	19	1.39	953	1	0.04	31	0.14	2	33	0.23	293	104
86	63000N - 71450E	35	0.8	3.46	2	668	0.9	5	0.52	0.2	21	31	26	91	7.79	0.69	8	24	1.71	1108	1	0.04	27	0.08	2	35	0.27	260	118
87	63000N - 71500E	100	0.8	3.73	15	1113	1.3	5	0.60	0.2	29	24	54	99	7.10	0.61	12	17	1.16	745	1	0.06	31	0.16	2	42	0.19	257	123
88	71550	90	1.2	3.81	7	557	1.2	5	0.84	0.2	41	37	53	215	9.27	0.59	17	20	1.57	1788	1	0.05	32	0.15	2	60	0.16	295	151
89	71600	65	0.4	3.22	2	167	0.7	5	0.61	0.2	28	32	120	96	7.73	0.15	11	16	1.73	1075	1	0.04	52	0.14	2	29	0.24	303	139
90	71650	10	0.2	4.56	4	137	0.3	5	1.86	0.2	34	18	46	51	5.27	0.20	9	16	1.75	709	1	0.10	24	0.11	2	66	0.28	187	80
91	63000N - 71700E	5	0.2	5.07	2	188	0.4	5	1.39	0.2	27	14	35	42	5.46	0.29	8	19	1.34	666	1	0.07	17	0.10	2	54	0.25	142	75
92	63000N - 71750E	5	0.4	4.89	2	204	0.7	5	1.85	0.2	45	17	37	78	4.80	0.23	14	17	1.54	524	1	0.10	29	0.12	2	74	0.29	160	72
93	71800	5	0.2	4.73	2	235	0.4	5	2.06	0.3	34	19	42	127	5.54	0.31	10	25	1.99	680	1	0.09	30	0.12	2	77	0.29	195	107
94	71850	5	0.2	4.58	4	203	0.3	5	1.79	0.2	33	14	35	36	4.94	0.25	9	16	1.58	588	1	0.10	20	0.10	2	71	0.29	180	67
95	71900	10	0.2	4.76	2	232	0.4	5	1.90	0.2	34	16	48	51	5.17	0.28	10	20	1.79	574	1	0.09	26	0.15	2	80	0.30	200	93
96	63000N - 71950E	5	0.4	4.55	2	295	0.2	5	1.14	0.2	33	68	34	543	8.24	0.39	12	19	2.11	1161	1	0.02	78	0.09	2	127	0.29	365	95
97	63000N - 72000E	5	0.4	4.32	2	186	0.3	5	0.96	0.2	37	26	33	203	6.44	0.19	14	28	2.13	779	1	0.05	24	0.11	2	34	0.36	326	85
98	65900N - 70500E	180	2.8	4.61	9	858	0.6	5	1.07	0.7	31	34	24	237	6.81	0.93	10	17	1.83	2364	1	0.04	21	0.13	2	40	0.31	190	116
101	70550	450	1.8	4.78	26	658	0.6	5	1.02	0.2	35	39	66	163	6.88	0.81	12	21	1.76	1543	4	0.05	71	0.09	2	69	0.23	177	130
102	70600	170	1.0	3.25	24	484	0.6	5	1.46	0.7	37	23	47	104	5.13	0.51	9	16	1.33	1471	2	0.04	39	0.12	5	59	0.18	144	133
103	65900N - 70650E	40	1.0	2.61	10	401	0.6	5	2.21	0.5	36	16	41	33	4.24	0.41	8	14	0.99	711	1	0.04	28	0.14	3	70	0.14	122	85
104	65900N - 70700E	95	1.2	4.04	23	481	0.6	5	0.58	0.2	30	27	36	123	6.58	0.53	12	21	1.69	1216	1	0.04	29	0.09	4	40	0.23	195	130
105	70750	90	1.4	4.31	15	610	0.5	5	1.14	0.3	42	35	45	131	6.76	0.64	14	21	2.05	1695	2	0.04	46	0.10	7	75	0.26	209	139
106	70800	380	1.0	3.84	13	543	0.5	5	0.53	0.4	34	26	26	130	6.03	0.76	11	19	1.40	1512	2	0.04	36	0.07	19	42	0.23	141	147
107	70850	160	0.6	4.62	2	616	1.0	5	0.32	0.2	28	24	51	101	6.60	0.78	12	22	1.19	1086	1	0.05	36	0.16	12	49	0.17	207	107
108	65900N - 70900E	35	0.8	3.64	7	420	1.2	5	0.49	0.2	29	24	69	89	6.79	0.47	11	20	1.28	562	1	0.04	42	0.11	4	52	0.19	241	115
109	65900N - 70950E	270	1.0	3.90	6	454	0.6	5	0.55	0.2	33	20	42	87	5.82	0.61	12	23	1.41	677	3	0.05	34	0.09	18	44	0.21	162	123
110	71000	15	0.8	1.32	84	273	0.6	5	0.11	0.3	24	11	49	46	4.85	0.16	9	6	0.29	594	1	0.03	17	0.11	9	18	0.10	112	107
111	71050	75	1.0	4.26	15	539	0.9	5	0.51	0.2	26	24	51	106	6.77	0.84	11	24	1.38	991	3	0.05	39	0.09	43	48	0.20	183	168
112	71100	920	3.4	2.57	73	864	1.2	5	0.20	0.2	19	33	25	173	9.79	0.55	9	8	0.53	1516	1	0.04	20	0.10	233	38	0.09	177	146
113	65900N - 71150E	60	1.2	3.76	18	391	0.6	5	0.62	0.2	27	14	41	74	5.63	0.38	11	18	1.22	482	1	0.04	21	0.15	4	59	0.19	174	117

(G.G.)

F.T. No.	SAMPLE No.	An ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm	Pg. 2 of 4	
114	65900N -71200E	120	1.8	3.62	4	407	0.7	5	1.07	0.1	37	15	51	83	5.62	0.45	13	20	1.23	502	2	0.04	28	0.15	2	92	0.19	166	126
115	71250	55	0.6	4.42	11	436	0.7	5	0.65	0.1	28	22	64	89	6.32	0.43	10	24	1.63	657	2	0.06	35	0.12	8	76	0.19	226	110
116	71300	130	0.6	4.65	13	448	0.5	5	0.87	0.1	32	32	56	120	6.70	0.60	12	28	2.02	1198	1	0.08	47	0.09	9	74	0.21	224	121
117	71400	110	1.0	4.70	12	505	0.6	5	0.70	0.1	32	39	51	189	7.53	0.76	12	30	1.85	1366	1	0.08	51	0.09	3	56	0.21	244	131
118	65900N -71650E	120	0.6	5.33	3	819	0.7	5	0.91	0.1	36	35	25	179	6.78	1.21	13	35	1.73	1433	1	0.07	36	0.09	2	62	0.19	237	106
119	65900N -71800E	200	1.2	4.10	2	770	0.6	5	0.58	0.2	32	37	50	190	7.89	0.79	14	30	1.97	1561	1	0.05	51	0.09	2	31	0.27	275	128
120	71850	60	0.6	6.33	2	774	0.8	5	3.01	0.3	41	33	32	150	6.32	1.19	12	45	1.83	1186	1	0.20	46	0.09	2	91	0.08	265	96
121	71900	10	0.8	7.03	2	663	0.6	5	0.53	0.3	25	36	50	210	7.05	1.15	12	47	3.04	1887	1	0.10	55	0.10	2	35	0.10	303	98
122	71950	150	0.6	5.48	2	419	0.4	5	0.89	0.2	27	41	45	230	7.30	0.61	11	46	3.34	1870	1	0.06	46	0.09	2	40	0.18	261	94
123	65900N -72000E	60	0.6	6.33	2	351	0.4	5	1.36	0.2	33	38	52	256	7.32	0.72	13	49	3.76	2213	1	0.04	58	0.10	2	63	0.27	287	109
124	65900N -72050E	5	0.6	6.00	2	459	0.4	5	0.99	0.2	31	47	73	318	7.67	0.81	13	49	4.07	2414	1	0.04	81	0.09	2	24	0.24	263	108
125	65900N -72100E	5	0.4	6.79	2	323	0.4	5	1.16	0.2	32	24	19	72	6.33	0.80	10	24	0.95	1535	1	0.26	23	0.08	2	17	0.06	183	83
126	65925N -70100E	10	0.4	5.03	8	303	0.5	5	2.22	0.2	44	30	36	166	5.88	0.40	14	16	2.31	1180	1	0.03	35	0.09	2	160	0.30	254	85
127	70150	5	0.6	4.56	2	833	0.7	5	1.57	0.2	41	22	20	177	5.11	0.70	12	14	1.80	1231	1	0.03	20	0.11	2	141	0.25	185	86
128	65925N -70200E *	10	0.6	3.68	18	529	0.5	5	0.25	0.2	24	25	46	117	5.90	0.70	10	14	1.18	1441	2	0.05	34	0.08	2	26	0.09	190	100
129	65925N -70250E *	15	1.6	3.14	2	629	0.4	5	0.18	0.2	21	16	11	119	4.78	0.81	8	13	0.67	2473	2	0.05	9	0.06	2	18	0.07	97	83
130	70300	5	1.2	3.59	2	587	0.6	5	0.27	0.2	27	22	16	111	5.65	0.64	10	13	1.12	1703	1	0.06	15	0.06	2	23	0.13	163	82
131	70350	25	0.4	4.28	2	481	0.6	5	0.46	0.2	26	31	44	113	6.00	0.61	12	16	1.66	1789	1	0.04	47	0.09	2	38	0.15	165	94
132	70400	50	1.2	4.65	2	765	0.8	5	0.42	0.2	28	26	33	146	6.14	0.85	12	16	1.42	2250	1	0.05	25	0.10	2	32	0.15	169	108
133	65925N -70450E	80	1.2	5.14	2	561	1.0	5	0.72	0.2	34	41	58	203	6.94	0.60	12	20	2.48	1842	1	0.04	53	0.07	2	60	0.25	210	101
134	66000N -70100E	50	0.8	3.84	2	397	0.7	5	0.64	0.2	34	22	31	88	5.29	0.76	14	16	1.61	1317	1	0.04	34	0.09	2	36	0.22	149	106
135	70150	40	0.6	3.62	2	350	0.5	5	0.66	0.2	33	22	31	123	5.74	0.61	13	13	1.51	1095	1	0.03	26	0.08	2	53	0.24	168	98
136	70200	30	0.2	4.54	2	692	0.6	5	0.59	0.2	32	18	28	136	5.52	0.74	14	14	1.56	1391	1	0.04	25	0.13	2	48	0.24	160	122
137	70250	120	0.6	4.14	2	682	0.6	5	0.61	0.2	35	25	37	170	6.79	0.82	15	15	1.81	1585	1	0.03	29	0.09	2	41	0.32	192	127
138	66000N -70300E	70	1.0	3.61	2	1334	0.7	5	0.50	0.2	29	28	17	214	6.70	0.64	12	12	1.21	2374	1	0.04	16	0.07	2	30	0.20	202	93
139	66000N -70350E	270	1.0	4.13	2	487	0.7	5	0.42	0.2	29	20	25	114	5.70	0.54	13	14	1.31	1630	1	0.04	24	0.11	2	37	0.20	155	115
140	70400	50	1.0	4.87	7	503	1.0	5	0.75	0.2	33	36	40	138	5.95	0.72	11	18	1.69	1586	1	0.07	60	0.08	2	63	0.15	170	119
141	70450	350	3.2	3.88	13	438	0.6	5	0.75	0.2	31	31	59	117	5.74	0.72	12	16	1.36	1252	2	0.04	51	0.07	3	49	0.21	131	133
142	70500	510	2.6	4.60	39	575	0.6	5	0.89	0.2	30	41	70	161	7.13	0.76	12	18	1.56	1666	3	0.07	73	0.09	2	66	0.19	182	125
143	66000N -70550E	190	1.8	4.30	18	600	0.8	5	0.81	0.2	34	33	60	140	7.15	0.72	12	21	1.71	1556	3	0.04	53	0.13	2	63	0.24	188	126
144	66000N -70600E	160	2.0	4.31	41	717	1.0	5	0.60	0.2	26	33	49	145	7.27	0.73	11	23	1.72	1498	2	0.04	47	0.10	8	45	0.21	205	152
145	70650	180	1.8	4.10	14	499	0.5	5	0.60	0.2	29	29	39	124	6.82	0.56	13	21	1.71	1311	2	0.04	29	0.10	2	42	0.21	194	123
146	70700	130	1.4	3.91	17	526	0.5	5	1.07	0.2	35	22	47	128	5.99	0.50	13	19	1.79	1043	1	0.04	33	0.10	4	53	0.22	183	135
147	70750	370	1.4	4.16	21	572	0.5	5	1.07	0.3	39	32	45	146	6.64	0.61	15	20	1.95	1638	2	0.04	43	0.09	7	70	0.25	198	133
148	66000N -70800E	50	1.2	4.57	13	561	0.6	5	1.14	0.2	39	25	40	110	6.24	0.64	13	26	1.73	1591	1	0.05	32	0.15	14	45	0.22	180	141
151	66000N -70850E	55	0.6	2.55	5	347	0.4	5	0.91	0.3	24	16	34	44	4.30	0.46	7	11	0.64	1028	2	0.04	14	0.23	8	39	0.16	111	83
152	70900	1500	1.4	4.07	14	576	0.6	5	0.45	0.3	27	26	28	148	6.35	0.91	10	19	1.38	1599	2	0.04	37	0.08	21	37	0.23	143	160
153	70950	100	1.2	4.70	14	567	0.7	5	0.91	0.3	33	25	52	110	6.68	0.96	11	24	1.49	1184	4	0.06	45	0.12	45	61	0.22	175	176
154	71000	95	0.8	6.88	33	936	1.4	5	0.46	0.2	36	36	49	168	9.27	1.45	17	23	1.61	2545	9	0.08	58	0.13	58	63	0.23	228	232
155	66000N -71050E	110	0.6	2.61	2	500	0.5	5	0.17	0.2	11	26	19	198	7.65	0.53	7	10	0.55	1155	1	0.04	15	0.09	2	21	0.28	220	92
156	66000N -71100E	50	0.6	2.38	2	421	1.1	5	0.14	0.2	11	17	20	61	6.50	0.32	8	13	0.79	567	1	0.03	11	0.08	22	19	0.28	218	114
157	71150	65	1.0	4.93	2	559	0.8	5	0.77	0.2	34	33	56	162	7.80	0.61	13	24	1.51	1000	1	0.08	56	0.13	7	81	0.20	205	178
158	71200	500	3.0	2.54	4	455	1.2	5	0.36	0.2	20	34	100	167	7.72	0.30	9	15	1.36	1032	1	0.03	53	0.05	2	33	0.20	280	118
159	71250	130	0.4	4.63	2	324	0.5	5	0.46	0.2	21	19	53	67	5.56	0.39	9	23	1.51	750	1								

T.T. No.	SAMPLE No.	9408-020																										
		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bc ppm	Bi ppm	Ca %	Cd ppm	Cs ppm	Cu ppm	Cr ppm	Cl ppm	Fe %	K %	Li ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Tl %	V ppm
161	66000N - 71350E	120	1.0	3.56	17	389	0.5	5	0.61	1.1	29	26	42	105	5.18	0.52	10	23	1.62	884	0.06	41	0.07	10	50	0.15	174	120
162	71400	110	0.8	3.75	14	366	0.5	5	0.65	0.2	29	25	42	111	5.31	0.50	11	23	1.70	785	0.06	42	0.07	11	58	0.15	180	114
163	71450	150	1.0	3.48	16	377	0.6	5	0.67	0.2	30	23	44	107	5.33	0.47	10	20	1.45	588	0.06	36	0.08	16	87	0.13	169	127
164	71500	20	0.4	4.24	5	355	0.3	5	0.72	0.2	29	20	38	112	4.52	0.26	9	18	1.66	931	0.05	31	0.11	4	46	0.19	161	92
165	66000N - 71550E	30	0.8	4.40	23	364	0.4	5	0.89	0.2	33	27	39	126	3.96	0.48	11	31	1.95	739	0.08	35	0.13	6	45	0.21	220	123
166	66000N - 71600E	60	0.6	4.76	7	538	0.5	5	0.31	0.2	20	29	28	134	5.39	0.82	11	22	1.73	1091	0.09	38	0.08	2	25	0.08	214	99
167	71650	75	1.0	5.29	11	678	0.7	5	0.39	0.2	25	31	30	174	6.15	0.92	11	36	1.80	1421	0.10	42	0.08	3	32	0.11	230	114
168	71750	55	1.0	4.95	2	561	0.6	5	0.36	0.2	24	30	28	161	5.83	0.85	11	33	1.63	1349	0.10	37	0.09	3	27	0.09	227	109
169	71800	120	0.8	5.13	3	481	0.5	5	0.52	0.2	28	30	37	204	6.20	0.80	14	32	2.36	1558	0.07	43	0.09	10	34	0.11	242	121
170	66000N - 71900E	15	0.6	5.38	6	335	0.4	5	0.67	0.2	30	24	37	151	5.64	0.61	12	24	1.91	1129	0.13	36	0.10	2	40	0.13	211	114
171	66000N - 71950E	15	0.4	7.16	2	432	0.5	5	0.30	0.2	22	33	30	192	7.23	0.73	12	35	2.03	2169	0.26	37	0.10	2	41	0.07	246	100
172	72000	110	0.6	6.95	2	375	0.5	5	0.36	0.2	25	37	30	177	7.62	0.67	12	33	1.83	2199	0.21	40	0.09	2	32	0.06	244	101
173	72050	100	0.4	6.19	2	261	0.4	5	0.93	0.2	35	34	64	189	7.09	0.54	13	33	3.32	1533	0.08	75	0.12	2	44	0.25	227	122
174	66000N - 72100E	5	0.4	5.53	2	147	0.4	5	1.63	0.2	43	34	62	172	6.85	0.11	13	39	3.82	1398	0.10	67	0.12	2	39	0.32	255	110

**NORANDA DELTA LABORATORY**  
**Geochemical Analysis**

Project Name & No.: MARIPOSITE - 45549  
Material: 20 Rx

Geol.: G.G.  
Sheet: 1 of 1

Date received: AUG. 26  
Date completed: SEP. 07

LAB CODE: 9408-066

Remarks: • Sample screened @ -35 MESH (0.5 mm)

▫ Organic, ▫ Humus, S Sulfide

Au - 10.0 g sample digested with aqua-regia and determined by A.A. (D.L. 5 PPB)

ICP - 0.2 g sample digested with 3 ml  $\text{HClO}_4/\text{HNO}_3$  (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
207	PM0390 <i>rx</i>	40	0.4	1.84	19	307	0.4	5	7.87	1.0	51	12	62	25	2.60	0.36	2	13	1.18	1156	4	0.05	25	0.03	108	178	0.05	93	45
208	PM0391	5	0.2	0.66	11	151	0.2	5	4.01	1.0	47	7	38	26	1.51	0.06	5	7	0.65	653	2	0.04	16	0.06	3	205	0.04	47	23
209	PM0392	5	0.2	4.95	2	951	0.5	5	1.09	0.3	40	27	48	85	6.57	1.12	13	22	2.40	670	1	0.07	61	0.07	2	38	0.22	271	144
210	PM0393	5	3.2	1.85	18	113	0.4	5	8.99	1.2	57	16	39	171	3.44	0.10	4	18	1.76	1284	4	0.05	29	0.04	984	269	0.11	137	53
211	PM0394	680	0.2	0.80	7	189	0.3	5	1.45	0.6	31	7	17	34	1.38	0.30	4	3	0.19	336	2	0.03	13	0.02	5	46	0.01	37	27
212	PM0395	290	2.0	0.78	102	45	0.3	5	10.96	0.7	38	8	25	39	1.34	0.08	1	8	0.45	754	5	0.04	16	0.04	2	132	0.02	90	28
213	PM0396	20	0.2	2.18	17	404	0.6	5	6.50	0.4	54	14	29	84	3.46	0.72	7	15	1.01	794	2	0.06	19	0.07	14	180	0.07	159	43
214	PM0397	20	0.2	1.20	13	95	0.3	5	10.92	0.4	41	7	14	38	1.89	0.19	1	10	0.60	1238	4	0.07	11	0.03	2	120	0.02	64	29
215	PM0398	1120	3.2	0.80	8	200	0.3	5	5.01	0.8	52	7	16	30	1.61	0.34	6	4	0.10	619	3	0.04	11	0.03	3	108	0.01	58	17
217	PM0399	60	0.4	0.33	20	61	0.4	5	15.92	0.3	25	6	14	57	1.29	0.13	1	5	0.29	1379	5	0.05	11	0.03	2	355	0.01	37	13
218	PM0400	2700	8.8	0.17	17	22	0.2	5	7.95	0.6	50	6	12	43	1.02	0.06	2	4	0.12	744	3	0.03	9	0.02	5	150	0.01	19	9
219	PM0401	50	0.2	0.97	21	250	0.4	5	16.32	0.2	17	7	12	36	1.64	0.37	1	7	0.30	1121	5	0.06	9	0.03	2	340	0.01	61	20
220	PM0402	10	0.2	1.75	23	118	0.4	5	15.64	0.5	20	13	32	49	2.68	0.15	1	33	0.87	1103	4	0.10	19	0.04	2	236	0.03	110	34
221	PM0403	50	0.4	1.48	19	584	0.7	5	4.66	0.9	54	13	36	76	3.17	0.72	8	8	1.43	952	2	0.04	20	0.08	2	235	0.07	172	42
222	PM0404	110	0.2	0.26	4	100	0.2	5	1.66	0.3	35	4	15	17	1.19	0.12	4	3	0.23	343	1	0.02	8	0.06	2	34	0.02	25	13
223	PM0405	40	0.2	0.36	20	83	0.4	5	16.98	1.5	12	6	10	24	1.73	0.14	1	6	0.41	1586	4	0.05	8	0.03	2	538	0.01	34	152
224	PM0406	30	0.2	1.18	24	440	0.5	5	11.50	0.6	46	13	31	74	2.66	0.52	2	7	0.71	1013	3	0.07	19	0.04	2	286	0.04	114	40
225	PM0407	50	0.2	1.15	39	515	0.8	5	4.99	0.9	57	17	76	59	4.18	0.42	9	17	1.29	756	3	0.06	32	0.04	2	150	0.12	144	71
226	PM0408	140	0.4	0.42	48	127	0.5	5	24.07	0.2	5	7	8	37	1.73	0.22	1	6	0.28	2986	4	0.05	8	0.03	2	635	0.01	53	38
227	PM0409 <i>rx</i>	1800	12.0	1.79	136	509	0.4	5	4.21	27.3	55	18	34	287	5.05	0.65	8	6	0.97	637	10	0.08	34	0.03	43	94	0.02	141	2356

12/09 96.96  
Evan, P.M.

**NORANDA DELTA LABORATORY**  
**Geochemical Analysis**

Project Name & No.: MARIPOSITE - 45549

Material: 12 Rx

Remarks: \* Sample screened @ -35 MESH (0.5 mm)

\*\* Organic, A Humus, S Sulfide

Geol.: G.G.

Sheet: 1 of 1

Date received: SEP. 21

Date completed: OCT. 06

LAB CODE: 9409-034

Au - 10.0 g sample digested with aqua-regia and determined by A.A. (D.L. 5 PPB)

ICP - 0.2 g sample digested with 3 ml HClO<sub>4</sub>/HNO<sub>3</sub> (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
94	GG0350 RX	10	0.2	3.73	17	751	0.9	5	5.05	0.8	74	23	116	33	5.07	0.89	12	23	1.92	837	1	0.20	35	0.07	3	127	0.09	217	65
95	GG0351	5	0.2	0.29	9	704	0.2	5	6.47	0.5	73	4	208	8	0.97	0.14	6	4	0.10	608	1	0.04	5	0.02	4	187	0.01	24	6
96	GG0352	5	0.2	0.08	3	25	0.2	5	2.19	0.7	43	3	277	6	0.80	0.04	4	2	0.03	304	1	0.03	6	0.01	2	51	0.01	20	16
97	GG0354	40	0.2	1.59	14	376	0.5	5	10.24	0.7	84	13	148	48	2.74	0.55	7	8	0.45	1181	1	0.15	22	0.05	8	255	0.03	107	33
98	GG0356	20	0.2	2.47	16	1195	0.7	5	6.42	0.7	82	21	139	66	4.36	0.91	10	11	1.13	881	1	0.13	34	0.05	10	258	0.06	154	64
101	GG0357	5	0.2	3.33	16	237	0.4	5	4.21	0.9	72	27	143	32	5.72	0.40	15	41	1.88	1016	1	0.24	37	0.07	74	140	0.05	182	123
102	GG0358	20	0.4	0.16	9	50	0.3	5	6.95	0.9	74	5	258	17	1.36	0.08	7	3	0.22	641	1	0.05	9	0.05	26	183	0.01	36	56
103	GG0359	320	0.4	1.01	2	342	0.4	5	2.00	0.4	45	7	261	35	1.82	0.44	6	4	0.08	333	1	0.05	7	0.03	5	39	0.02	97	37
104	GG0360	510	1.2	3.93	7	1202	1.5	5	3.32	0.6	61	21	77	121	5.16	1.72	11	12	0.59	730	1	0.09	23	0.06	27	59	0.05	314	95
105	GG0361	60	0.2	4.99	8	951	0.6	5	6.63	0.2	88	27	79	102	5.91	1.67	16	21	1.35	1007	1	0.11	23	0.08	6	140	0.18	236	79
106	GG0362	230	0.4	2.66	14	600	0.5	5	5.26	0.6	79	20	152	57	4.54	0.87	14	14	1.89	996	1	0.10	39	0.06	9	139	0.06	146	66
107	GG0363 RX	10	0.4	4.00	16	661	0.5	5	5.14	0.6	79	19	83	69	4.63	1.00	13	20	1.51	930	1	0.23	24	0.06	7	115	0.06	151	68

8/6 66 (4)  
T.M.W./10/1

ELVIER 2012 AUG 25

**NORANDA DELTA LABORATORY**  
**Geochemical Analysis**

Project Name &amp; No.: MARIPOSITE - 45549

Geol.: G.G.

Date received: JUL. 22

LAB CODE: 9407-037

Material: 8 Rx

Sheet: 1 of 1

Date completed: AUG. 05

Remarks: \* Sample screened @ -35 MBSH (0.5 mm)

\* Organic, A Humus, S Sulfide

Au - 10.0 g sample digested with aqua-regia and determined by A.A. (D.L. 5 PPB)

ICP - 0.2 g sample digested with 3 ml HClO<sub>4</sub>/HNO<sub>3</sub> (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
232	LE - 0165	5	0.2	5.40	3	187	0.3	5	5.99	1.2	39	49	427	34	6.81	0.51	12	34	6.29	1198	1	0.04	267	0.07	2	76	0.10	224	93
233	LE - 0168	5	0.2	4.83	2	563	0.2	5	2.35	0.7	33	10	7	21	4.74	1.30	9	20	1.15	956	1	0.20	4	0.06	2	72	0.22	88	80
234	RL - 0030	5	0.2	3.27	13	84	0.2	5	3.23	0.7	45	22	66	133	5.80	0.16	14	29	2.61	816	15	0.17	38	0.06	2	45	0.05	230	102
235	31	20	0.2	5.11	11	1269	0.3	5	5.95	0.8	43	40	168	123	7.17	1.60	13	27	3.74	1097	2	0.32	72	0.06	2	165	0.20	240	119
236	RL - 35	5	0.2	3.88	9	71	0.2	5	3.49	1.5	47	34	103	75	6.70	0.07	15	40	4.46	1181	1	0.08	59	0.07	2	116	0.17	258	88
237	RL - 37	5	0.2	3.95	2	658	0.2	5	2.94	0.7	49	24	28	134	5.96	0.94	15	33	2.00	828	2	0.19	19	0.07	3	76	0.26	202	102
238	40	400	0.8	3.01	38	478	0.4	5	5.75	2.2	51	28	132	119	5.46	1.06	13	19	2.44	888	9	0.10	60	0.06	10	168	0.06	289	131
239	RL - 0041	5	0.2	4.54	32	72	0.2	5	2.99	0.9	45	36	154	117	7.03	0.11	18	33	4.20	891	2	0.12	63	0.08	2	76	0.27	225	106

10/8 98 99

~~COLLECTED AND PREPARED  
FOR NORANDA~~  
**NORANDA DELTA LABORATORY**  
**Geochemical Analysis**

Project Name & No.: MARIPOSITE - 45549  
 Material: 57 Rx

Geol.: G.G.  
 Sheet: 1 of 2

Date received: AUG. 05  
 Date completed: AUG. 24

LAB CODE: 9408-019

Remarks: \* Sample screened @ -35 MESH (0.5 mm)  
 # Organic, A Humus, S Sulfide

Au - 10.0 g sample digested with aqua-regia and determined by A.A. (D.L. 5 PPB)

ICP - 0.2 g sample digested with 3 ml HClO<sub>4</sub>/HNO<sub>3</sub> (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

T.T. No.	SAMPLE No.	An ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Tl %	V ppm	Zn ppm
165	PM0198 rx	5	0.4	2.56	10	556	0.3	5	5.41	0.3	87	21	66	52	4.95	0.68	11	22	1.60	919	1	0.16	23	0.10	7	70	0.29	174	69
166	PM0200	5	0.4	6.68	5	148	0.4	5	5.05	0.8	78	31	64	59	5.44	0.35	10	43	3.59	745	1	0.83	44	0.06	2	171	0.05	167	61
167	PM0201	5	0.8	4.12	12	36	0.3	5	3.10	0.3	66	30	65	64	6.44	0.18	12	42	3.32	961	1	0.08	27	0.11	2	118	0.18	216	94
168	PM0204	5	0.2	3.63	14	621	0.3	5	3.64	0.7	75	31	147	79	6.29	0.84	14	38	3.70	920	1	0.11	82	0.11	3	68	0.29	226	92
169	PM0205	5	0.8	5.20	10	497	0.5	5	4.95	0.2	82	41	146	128	8.57	0.79	13	32	2.83	901	31	0.47	93	0.11	2	118	0.37	262	79
170	PM0210	30	0.4	4.15	10	874	0.5	10	3.67	0.5	73	30	80	134	7.17	0.74	13	28	2.55	917	1	0.11	27	0.11	2	75	0.25	243	108
171	PM0211	5	0.4	6.17	3	1601	0.7	5	4.59	0.2	79	23	17	61	5.79	2.79	12	21	1.37	1000	3	0.12	11	0.11	2	69	0.26	209	93
172	PM0212	5	0.4	4.67	7	330	0.3	5	2.31	0.7	48	32	28	53	6.41	0.74	10	29	2.67	823	1	0.16	17	0.06	2	25	0.07	166	88
173	PM0216	5	0.4	3.29	9	605	0.3	5	2.06	0.2	52	22	42	66	5.67	1.33	12	30	1.97	614	2	0.20	17	0.07	2	28	0.31	153	96
174	PM0217	5	0.2	2.34	12	403	0.6	5	5.12	0.3	93	23	39	86	6.11	0.53	10	18	1.17	934	3	0.16	10	0.10	2	115	0.15	199	89
175	PM0219	10	0.2	3.08	8	201	0.3	5	1.79	0.2	58	25	42	111	6.98	0.23	12	24	2.38	788	1	0.11	12	0.10	2	33	0.12	205	117
176	RL0200	230	9.2	0.03	2	7	0.2	5	0.11	2.6	6	2	393	833	0.65	0.01	1	1	0.01	76	13	0.01	5	0.01	2	11	0.01	5	114
177	RL0201	10	1.2	0.03	3	6	0.2	5	0.02	0.2	12	2	452	33	0.69	0.01	3	1	0.01	34	16	0.01	4	0.01	4	2	0.01	5	55
178	RL0202	5	0.2	0.07	2	28	0.2	5	0.42	0.2	18	4	373	20	0.81	0.03	1	1	0.06	144	13	0.01	8	0.01	2	24	0.01	13	16
179	RL0203	30	1.8	0.47	2	83	1.2	5	0.69	0.2	24	8	275	28	1.55	0.22	2	2	0.18	212	12	0.04	26	0.02	2	36	0.03	54	22
180	RL0204	30	0.8	0.03	2	8	0.2	5	0.09	2.3	5	2	325	178	0.54	0.01	1	1	0.01	36	12	0.01	6	0.01	80	5	0.01	4	150
181	KP0150	5	3.2	4.78	23	321	0.3	5	3.44	1.3	74	36	134	148	6.28	0.21	13	17	2.48	772	21	0.06	92	0.08	2	115	0.35	555	152
182	KP0152	10	0.2	0.69	4	99	0.2	5	2.70	0.3	58	5	205	26	0.85	0.07	5	5	0.23	260	11	0.02	10	0.01	6	54	0.01	35	11
183	KP0153	20	0.2	0.15	43	88	0.8	5	8.92	0.8	118	19	102	17	5.58	0.07	11	6	3.05	1189	4	0.10	40	0.08	4	590	0.02	82	44
184	KP0155	5	0.2	0.33	15	186	0.5	5	6.23	0.5	95	6	276	23	1.87	0.18	8	5	0.74	556	13	0.07	14	0.03	12	306	0.02	52	17
185	KP0159	5	0.2	7.51	2	660	0.5	5	6.23	0.6	111	22	26	65	6.28	1.32	16	26	2.02	1317	3	0.10	13	0.13	2	320	0.09	205	139
186	KP0160	80	0.2	2.18	22	436	0.9	5	5.59	1.0	90	14	152	187	3.45	0.98	10	10	0.66	624	10	0.08	16	0.09	8	167	0.07	206	43
187	KP0162	40	0.2	0.52	12	119	0.3	5	5.04	0.4	79	5	323	23	1.08	0.24	7	5	0.15	386	13	0.04	9	0.02	10	93	0.01	37	9
188	KP0164	130	0.2	1.40	19	355	0.5	5	8.71	0.8	104	9	192	25	2.14	0.62	7	7	0.71	773	12	0.07	18	0.04	14	185	0.03	68	25
189	KP0165	140	0.2	7.81	5	1998	1.1	5	7.38	1.2	107	39	81	194	7.03	3.16	17	17	2.79	1128	2	0.29	59	0.09	9	214	0.10	303	93
190	KP0166	200	0.4	3.47	18	574	1.1	5	1.86	0.7	53	31	63	134	7.57	0.77	13	20	1.02	762	1	0.09	34	0.06	9	25	0.05	349	121
191	KP0167	20	0.2	3.33	42	887	0.9	5	8.08	0.9	99	40	491	76	5.75	0.70	10	20	4.89	983	3	0.10	106	0.09	12	335	0.04	172	106
192	KP0168	5	0.2	6.61	2	902	0.6	5	6.14	0.3	94	32	70	56	7.23	2.04	13	30	2.77	1036	2	0.18	51	0.10	2	103	0.13	289	94
193	KP0172	5	0.2	0.58	18	54	0.3	5	11.39	0.3	100	8	141	50	0.96	0.12	1	8	0.41	734	9	0.05	11	0.02	3	87	0.01	43	10
194	KP0174	5	0.2	1.40	11	460	0.3	5	5.95	0.3	86	10	137	21	2.16	0.40	6	17	0.79	677	9	0.06	11	0.05	13	133	0.05	94	23
195	KP0175	10	0.2	5.97	11	200	0.5	7	8.39	0.5	107	41	127	123	7.68	0.64	10	32	2.57	1290	5	0.13	72	0.10	3	90	0.08	278	97
196	KP0177	5	0.2	2.73	21	816	0.5	10	13.38	0.6	109	17	93	31	3.67	0.46	3	30	2.11	1103	7	0.11	41	0.05	7	159	0.09	120	57
197	KP0178	80	0.2	2.36	27	867	1.0	14	9.10	1.0	123	38	196	111	6.94	1.01	13	19	4.12	1129	7	0.11	68	0.06	8	377	0.19	305	91
198	KP0179	10	0.4	3.87	18	492	0.6	7	6.37	0.4	101	39	99	14	7.62	1.00	15	33	3.01	1234	4	0.19	49	0.10	5	146	0.26	303	109
201	KP0180	80	0.2	4.19	31	1425	0.4	5	2.17	0.3	60	15	21	44	5.24	1.86	12	28	1.35	903	10	0.13	5	0.10	2	36	0.37	123	89

GT. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Cr ppm	Co ppm	Cr ppm	Ca ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm	Page 2 of 2
202	KP0181	20	0.4	1.66	19	589	0.6	5	4.68	0.3	82	21	106	163	4.94	0.77	12	9	1.25	750	8	0.11	20	0.06	6	111	0.07	191	61	
203	KP0182	150	0.4	3.55	11	1452	1.0	5	4.54	0.3	78	25	49	52	6.16	1.37	11	21	1.86	1075	2	0.11	27	0.14	2	167	0.27	260	91	
204	KP0183	20	0.8	3.19	35	552	0.4	5	3.58	0.2	68	32	158	150	6.08	0.88	11	24	2.57	923	5	0.10	59	0.06	2	59	0.12	346	105	
205	KP0184	10	0.4	3.51	2	373	2.4	5	0.80	0.2	37	4	29	44	1.39	1.57	8	14	0.32	789	1	0.12	3	0.04	25	18	0.05	34	64	
206	KP0185	10	0.4	4.08	26	315	0.7	5	4.02	1.0	76	34	167	139	6.88	0.96	13	33	2.97	1005	15	0.10	76	0.08	2	52	0.20	380	195	
207	KP0186	60	0.2	3.87	32	797	0.8	7	6.58	0.7	97	23	88	99	4.99	1.52	11	17	1.98	956	9	0.12	44	0.06	7	105	0.10	254	94	
208	KP0188	5	0.4	4.61	41	667	0.8	5	5.13	0.2	87	26	81	139	5.45	1.25	12	18	2.19	922	4	0.20	41	0.07	5	168	0.05	206	72	
209	KP0190	5	0.4	2.66	32	1276	0.7	6	3.88	0.8	73	22	48	159	5.61	1.14	12	12	1.56	878	3	0.11	33	0.10	8	135	0.28	280	69	
210	KP0191	5	0.2	0.94	5	121	0.2	5	0.88	0.2	47	8	77	35	2.36	0.21	9	7	0.34	447	3	0.12	8	0.05	4	14	0.14	41	63	
211	KP0192	5	0.2	2.19	29	270	0.4	5	0.74	0.6	29	7	41	28	3.02	0.64	11	10	0.32	589	1	0.11	4	0.04	4	17	0.12	49	82	
212	KP0193	5	0.2	3.83	2	415	0.3	5	1.07	0.2	35	16	65	84	4.24	0.96	15	15	1.07	474	1	0.12	33	0.04	3	27	0.07	115	97	
213	KP0196	5	0.2	2.56	44	1222	0.9	5	7.08	0.2	82	11	23	51	4.96	1.13	13	8	1.55	1557	1	0.12	8	0.05	2	274	0.05	164	26	
214	KP0198	5	0.2	5.05	2	1289	0.3	5	2.46	0.2	53	16	14	120	5.13	1.53	13	19	1.12	660	1	0.20	6	0.08	3	49	0.31	83	62	
215	KP0199	5	0.2	3.93	10	57	0.2	5	4.70	0.2	67	28	44	101	6.61	0.15	16	31	2.37	1042	1	0.07	26	0.08	2	150	0.26	263	93	
216	KP0200	10	0.2	6.16	2	1108	0.3	5	4.78	0.2	74	16	14	46	5.10	1.95	15	24	1.43	1185	1	0.11	6	0.10	2	106	0.18	144	110	
217	KP0202	5	0.2	3.88	9	606	0.3	5	4.11	0.3	63	28	90	94	6.35	0.98	15	26	2.13	934	1	0.11	42	0.06	2	54	0.26	251	95	
218	KP0203	5	0.2	3.18	32	516	0.5	5	8.49	0.5	76	31	418	22	5.21	0.49	12	32	4.38	989	2	0.11	94	0.07	2	299	0.04	145	109	
219	KP0204	10	0.2	3.94	14	929	1.0	5	5.73	0.2	74	27	19	67	6.32	1.50	15	15	1.67	1017	1	0.14	11	0.07	4	189	0.07	266	89	
220	KP0206	10	0.2	2.61	29	839	0.7	5	6.38	0.5	78	28	118	108	5.44	0.89	16	14	1.87	912	4	0.14	39	0.04	2	366	0.07	200	76	
221	KP0211	5	0.2	2.45	12	396	0.5	5	15.79	0.2	87	18	9	24	7.24	0.39	9	18	0.32	1601	1	0.13	6	0.05	2	81	0.05	108	88	
222	KP0213	5	0.2	2.38	11	355	0.5	5	9.77	0.3	94	19	85	59	3.53	0.63	11	18	1.13	1221	4	0.13	25	0.04	2	226	0.06	138	52	
223	KP0214 rx	30	0.2	5.91	112	616	0.6	5	5.88	0.2	92	30	87	143	7.11	1.09	17	35	1.83	1125	1	0.48	45	0.08	4	157	0.07	224	92	

**NORANDA DELTA LABORATORY**  
**Geochemical Analysis**

Project Name & No.: MARIPOSITE - 45549  
 Material: 22 Rx

Remarks: • Sample screened @ -35 MBSH (0.5 mm)

▫ Organic, ▫ Humus, ▫ Sulfide

Geol.: G.G.  
 Sheet: 1 of 1

Date received: AUG. 04  
 Date completed: AUG. 22

LAB CODE: 9408-012

Au - 10.0 g sample digested with aqua-regia and determined by A.A. (D.L. 5 PPB)

ICP - 0.2 g sample digested with 3 ml HClO<sub>4</sub>/HNO<sub>3</sub> (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
195	DC - 0005	20	0.2	0.62	21	125	0.2	5	11.26	0.3	78	7	124	42	1.46	0.26	6	6	0.17	1075	9	0.06	12	0.03	2	182	0.01	47	23
196	6	20	0.4	1.67	9	356	0.5	5	2.66	0.5	66	17	93	68	4.77	0.69	12	8	0.94	1017	1	0.09	49	0.06	11	95	0.07	172	101
197	7	10	0.2	0.85	19	385	0.4	5	17.39	0.2	84	11	81	40	2.68	0.35	7	9	0.66	1144	7	0.08	22	0.04	2	257	0.04	105	41
198	8	5	0.2	2.63	2	622	0.3	5	1.42	0.2	47	11	34	47	4.17	0.96	10	13	0.29	935	2	0.09	9	0.04	2	25	0.11	99	70
201	DC - 9	10	0.2	1.12	88	1936	0.9	5	10.78	0.2	120	33	169	131	5.89	0.55	16	12	2.91	1310	5	0.09	56	0.05	10	602	0.14	239	77
202	DC - 10	10	0.2	0.19	27	325	0.3	5	2.91	0.3	72	8	197	77	2.03	0.08	10	5	0.26	410	8	0.06	16	0.02	39	153	0.02	38	51
203	11	5	0.2	4.43	37	603	0.4	5	6.08	0.2	104	37	309	82	6.21	1.07	17	29	3.99	1195	3	0.09	228	0.10	5	172	0.06	198	98
204	12	130	0.2	4.34	44	798	0.6	5	5.41	0.2	104	36	82	156	7.02	1.07	17	28	2.27	935	3	0.09	60	0.08	9	152	0.07	276	124
205	13	190	0.2	1.24	99	468	0.7	5	6.37	0.2	107	33	222	131	6.11	0.48	15	9	2.88	996	4	0.09	53	0.03	4	335	0.07	271	82
207	DC - 14	250	0.2	2.43	75	802	0.5	5	4.43	0.2	87	22	46	106	5.04	1.03	15	11	0.77	885	4	0.11	19	0.08	2	68	0.11	192	66
208	DC - 15	340	1.2	1.45	27	373	0.6	5	9.78	0.2	119	36	430	70	6.05	0.59	16	10	3.49	1450	4	0.09	79	0.11	5	429	0.05	248	102
209	16	3600	5.2	2.32	10	782	0.4	5	2.20	40.4	70	13	126	67	2.95	0.97	11	8	0.47	464	12	0.08	14	0.05	7	59	0.05	99	296
210	17	80	0.2	0.05	3	9	0.2	5	0.07	0.2	8	2	210	11	1.03	0.02	3	1	0.02	41	10	0.01	5	0.01	3	3	0.01	6	18
211	18	5	0.2	2.13	13	316	0.4	5	10.45	0.2	92	20	145	26	4.21	0.59	11	18	1.78	1043	6	0.07	34	0.05	3	362	0.07	159	58
212	DC - 19	5	0.2	3.50	8	1164	0.2	5	3.90	0.3	80	26	56	114	5.59	1.62	16	35	2.08	803	3	0.09	40	0.06	4	99	0.27	240	97
213	DC - 20	5	0.2	1.60	16	440	0.3	5	6.63	0.3	96	28	106	107	5.57	0.31	15	23	2.70	908	2	0.13	40	0.06	3	207	0.13	231	61
214	21	230	0.2	4.40	84	1720	1.0	5	6.42	0.2	93	30	54	109	5.87	1.79	15	14	1.96	942	2	0.14	36	0.08	6	243	0.06	238	68
215	22	5	0.2	3.99	15	149	0.2	5	6.44	0.4	86	38	94	135	6.81	0.39	15	47	4.29	1085	1	0.12	72	0.08	2	42	0.23	261	99
217	23	5	0.2	4.47	2	224	0.2	5	3.21	0.2	42	23	30	17	7.26	0.49	9	24	2.55	1151	1	0.15	12	0.05	2	35	0.28	167	83
218	DC - 24	5	0.2	2.92	12	631	0.3	5	5.53	0.2	70	26	67	76	5.86	1.03	12	19	2.79	915	2	0.08	43	0.05	2	211	0.14	231	92
219	DC - 25	200	0.2	2.69	19	1051	0.2	5	5.35	0.6	75	23	71	47	5.25	1.25	14	16	2.25	1203	8	0.10	42	0.05	2	143	0.22	192	93
220	DC - 0026	5	0.2	2.14	13	969	0.5	5	5.65	0.3	78	26	65	124	6.00	0.80	14	14	1.99	973	3	0.10	29	0.06	2	133	0.16	245	86

**NORANDA DELTA LABORATORY**  
**Geochemical Analysis**

Project Name & No.: MARIPOSITE - 45549  
Material: 46 Rx

Geol.: G.G.  
Sheet: 1 of 2

Date received: AUG. 12  
Date completed: AUG. 24

LAB CODE: 9408-036

Remarks:  
• Sample screened @ -35 MBSII (0.5 mm)  
▪ Organic, A Humus, S Sulfide

Au - 10.0 g sample digested with aqua-regia and determined by A.A. (D.L. 5 PPB)

ICP - 0.2 g sample digested with 3 ml HClO<sub>4</sub>/HNO<sub>3</sub> (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
185	KP0231 rx	80	0.4	3.08	14	387	0.4	5	4.31	1.3	75	42	404	131	7.69	0.68	13	28	2.42	1129	4	0.20	209	0.10	6	69	0.63	195	124
186	KP0232	640	1.2	6.57	2	926	0.7	5	3.00	0.2	64	29	10	152	8.15	1.51	13	48	2.22	872	1	0.75	9	0.09	5	112	0.38	133	49
187	KP0233	5	0.2	0.10	2	9	0.2	5	0.16	0.2	5	3	11	12	0.51	0.02	1	1	0.04	57	2	0.02	18	0.01	2	4	0.01	6	3
188	KP0235	2000	4.0	0.16	4	32	0.2	5	0.93	0.5	26	12	17	36	1.25	0.05	5	2	0.13	452	2	0.01	46	0.02	165	9	0.01	11	9
189	KP0236	30	0.2	0.07	2	13	0.2	5	0.45	0.2	15	8	10	82	1.74	0.03	2	1	0.03	146	1	0.01	26	0.02	2	11	0.01	5	24
190	KP0237	10	1.2	0.55	4	96	0.2	5	2.47	1.5	54	4	16	36	1.32	0.27	9	6	0.36	597	3	0.04	15	0.03	317	44	0.03	27	57
191	KP0238	90	0.8	6.28	2	1109	1.0	5	0.59	1.2	34	16	13	111	5.52	2.66	15	14	0.98	603	29	0.08	32	0.06	18	30	0.11	192	159
192	KP0239	1300	10.0	0.62	14	86	0.3	5	3.13	2.2	65	10	39	27	2.15	0.23	13	8	0.88	635	3	0.03	20	0.04	2074	63	0.01	42	56
193	KP0240	80	0.4	4.19	13	248	0.7	5	7.75	1.5	92	44	107	123	7.76	1.04	15	33	4.06	1204	2	0.11	58	0.12	31	202	0.07	318	98
194	KP0241	10	0.2	7.09	2	923	0.9	5	0.95	1.2	54	33	11	86	5.92	3.07	17	16	1.21	685	55	0.11	40	0.09	24	30	0.13	210	184
195	KP0242	100	12.4	0.10	2	21	0.2	5	0.11	1.0	17	2	10	20	0.95	0.05	2	2	0.02	84	3	0.01	9	0.04	4010	4	0.01	6	30
196	KP0243	1500	98.4	0.59	9	146	0.2	54	0.48	3.9	30	5	11	36	1.16	0.23	6	4	0.20	259	1	0.05	10	0.03	23000	12	0.01	17	18
197	KP0244	60	3.6	0.97	17	108	0.3	5	3.89	24.1	62	9	28	24	2.14	0.24	8	9	0.79	557	3	0.03	21	0.02	1529	78	0.01	68	1107
198	KP0245	510	92.4	0.31	22	38	0.2	13	1.64	281.3	43	15	17	117	3.03	0.14	5	3	0.70	427	17	0.02	13	0.06	39000	34	0.01	22	17000
201	KP0246	40	0.4	2.24	2	475	0.4	5	0.50	1.0	29	9	13	36	2.60	0.88	11	10	0.58	447	2	0.08	11	0.05	85	10	0.10	54	99
202	KP0247	740	0.8	1.81	2	528	0.2	5	0.58	0.2	21	17	22	98	5.42	0.71	7	11	0.74	713	1	0.07	14	0.07	105	8	0.24	127	65
203	KP0248	500	3.6	0.06	2	150	0.2	5	1.09	1.0	30	47	10	215	4.63	0.02	7	2	0.03	314	1	0.01	38	0.01	507	20	0.01	5	63
204	KP0249	5	0.4	3.15	2	615	0.2	5	0.40	0.3	31	19	18	131	6.20	1.12	14	24	1.74	718	1	0.09	20	0.06	14	7	0.31	148	92
205	KP0250	260	0.8	2.18	229	673	0.2	5	0.47	0.2	34	12	10	102	4.16	0.95	10	12	0.66	434	1	0.08	10	0.05	46	10	0.13	80	35
207	KP0252	5	0.2	4.08	4	884	0.9	7	4.08	0.2	73	20	38	68	5.45	1.38	14	16	1.13	897	1	0.11	27	0.08	11	93	0.09	188	67
208	KP0253	50	0.2	2.97	2	89	1.5	5	0.09	0.2	6	1	2	6	0.57	1.24	5	3	0.03	326	1	0.12	3	0.02	46	9	0.01	3	62
209	KP0254	70	0.2	2.38	31	414	0.3	5	4.67	0.9	68	26	33	87	5.38	0.75	15	18	2.32	1036	3	0.16	30	0.09	5	90	0.30	195	42
210	KP0255	5	0.2	2.37	25	483	0.5	6	6.43	0.5	88	28	137	99	5.35	0.78	16	17	2.42	1119	3	0.09	55	0.07	7	117	0.12	228	72
211	KP0256	130	0.4	3.02	10	409	0.5	5	3.44	1.0	63	17	32	76	4.37	0.54	12	15	1.41	812	3	0.24	18	0.02	2	74	0.18	160	66
212	KP0257	5	0.2	1.76	69	443	0.4	5	7.99	1.0	86	30	228	84	5.35	0.59	12	15	3.15	1744	4	0.11	76	0.09	3	93	0.12	175	67
213	KP0258	5	0.2	3.27	68	1353	0.9	6	9.59	1.0	90	47	550	38	6.04	0.64	14	33	6.57	1076	3	0.08	209	0.06	13	551	0.05	203	82
214	KP0259	340	2.0	1.23	29	556	1.0	5	4.91	0.8	77	25	72	140	5.70	0.52	13	7	1.48	893	3	0.09	36	0.05	28	233	0.04	160	96
215	KP0260	190	0.2	2.17	18	533	1.2	5	5.92	0.2	86	26	55	106	6.01	0.89	15	8	1.58	962	3	0.11	29	0.06	4	219	0.08	257	86
216	KP0261	5	0.2	5.04	7	749	1.0	5	6.28	0.6	83	36	97	122	6.24	2.03	16	16	2.65	929	5	0.09	66	0.08	4	120	0.11	310	86
217	KP0262	100	0.8	4.16	8	974	0.6	5	5.18	0.5	78	24	33	195	5.34	1.84	17	14	1.58	977	3	0.12	26	0.06	17	90	0.10	194	94
218	KP0263	5	0.2	5.01	18	1463	1.0	10	5.83	0.2	80	46	447	28	7.68	1.31	15	36	4.15	998	4	0.08	212	0.06	6	261	0.12	307	164
219	KP0264	70	0.2	4.09	16	374	0.6	5	7.10	0.7	85	46	242	43	8.54	1.06	16	29	4.03	1520	2	0.11	117	0.10	2	97	0.28	289	155
220	PM0261	5	0.2	3.76	10	658	0.5	5	4.32	0.7	66	39	139	160	7.52	0.64	16	30	2.72	1086	3	0.09	60	0.07	25	63	0.05	286	112
221	PM0267	5	0.2	4.06	2	250	0.3	5	2.18	0.2	55	16	10	27	6.41	0.42	14	20	1.58	1144	1	0.11	4	0.08	2	208	0.28	122	96
222	PM0268	5	0.8	5.66	27	382	0.5	5	2.61	1.3	59	35	90	107	7.41	1.12	14	36	2.86	1140	1	0.15	53	0.12	204	138	0.05	257	197

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm	ea08-036 Pg. 2 of 2
223	PM0274	5	0.2	2.47	2	689	0.4	5	2.27	0.2	68	22	29	63	6.53	0.51	14	22	1.21	994	1	0.09	15	0.11	2	33	0.46	188	109	
224	PM0277	5	0.2	5.10	5	250	0.3	6	3.04	0.4	68	33	48	94	7.84	0.48	17	34	3.50	1047	1	0.07	36	0.14	2	74	0.22	311	119	
225	PM0278	5	0.2	3.88	2	490	0.4	5	2.54	0.3	64	23	26	50	5.54	0.70	15	28	1.38	886	1	0.31	16	0.10	2	63	0.32	200	71	
227	PM0279	20	0.2	3.66	10	621	0.9	5	5.07	0.3	87	24	39	68	5.16	1.38	16	18	2.16	815	3	0.26	24	0.08	3	160	0.22	192	52	
228	PM0281	5	0.2	4.04	5	808	0.4	5	4.33	0.4	82	20	31	47	5.71	1.70	16	19	1.70	1004	1	0.14	21	0.10	2	50	0.38	185	86	
229	PM0282	5	0.2	3.02	4	525	0.3	5	3.08	0.3	76	20	28	78	5.81	1.34	17	16	1.76	692	2	0.11	22	0.12	2	32	0.40	150	115	
230	PM0283	5	0.2	2.66	12	488	0.4	5	5.46	0.6	89	25	50	82	5.76	0.89	17	18	2.45	927	2	0.14	29	0.09	3	72	0.32	226	75	
231	PM0284	60	0.2	2.10	11	466	0.7	5	4.11	1.0	66	23	40	61	5.84	0.59	15	14	2.10	843	2	0.09	21	0.08	4	116	0.17	184	101	
232	PM0285	970	0.2	4.29	97	1855	1.3	5	6.54	0.7	87	19	28	62	5.35	1.79	12	9	1.73	1057	2	0.16	25	0.07	3	218	0.07	207	64	
233	PM0286	5	0.2	2.31	10	220	0.5	5	6.11	0.4	84	23	47	68	5.15	0.51	12	18	1.59	862	2	0.16	26	0.10	2	98	0.14	196	72	
234	PM0288 rx	5	0.2	1.10	17	376	0.4	6	5.08	0.7	75	12	25	21	3.09	0.46	11	7	1.57	865	3	0.06	24	0.04	6	139	0.01	65	37	

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Tl %	V ppm	Zn ppm	9408-028 Pg. 3 of 4
175	DC0027 rx	5	0.8	3.10	72	441	0.3	5	4.21	0.2	78	32	97	163	6.36	0.74	14	28	2.77	898	9	0.10	52	0.07	2	33	0.15	217	89	
176	DC0028	5	0.4	2.64	59	85	0.4	5	6.25	0.5	104	35	207	119	5.89	0.44	14	23	3.52	1225	2	0.15	73	0.14	4	47	0.17	210	127	
177	DC0029	5	0.4	3.11	17	355	0.3	5	3.47	0.2	69	30	52	93	6.97	0.44	13	18	2.42	1098	1	0.10	32	0.08	2	39	0.33	270	98	
178	DC0030	10	0.8	2.34	23	165	2.0	5	5.57	0.2	92	25	59	110	5.85	0.27	13	20	2.06	1064	2	0.25	29	0.07	2	117	0.19	233	72	
179	DC0031	30	1.2	1.79	25	710	1.3	5	7.11	0.2	105	23	96	118	4.91	0.88	12	11	1.97	1020	6	0.08	37	0.04	11	230	0.08	210	88	
180	DC0032	60	0.8	2.61	59	676	0.7	5	6.32	0.9	102	20	77	112	3.56	1.25	12	10	1.11	769	32	0.10	51	0.07	8	146	0.06	443	78	
181	DC0033	10	0.2	4.07	4	608	0.4	5	2.45	0.3	59	23	21	63	6.11	1.00	12	24	1.75	779	2	0.10	12	0.09	2	25	0.25	167	96	
182	DC0034	70	0.2	2.39	13	377	0.3	5	3.82	0.2	72	24	44	113	5.41	0.69	14	21	1.87	827	2	0.08	21	0.11	23	57	0.33	191	81	
183	DC0035	5	0.2	4.46	30	427	1.4	5	8.23	1.6	109	51	679	76	8.81	0.71	19	32	6.38	1425	5	0.08	345	0.13	40	370	0.04	210	283	
184	DC0036	5	0.2	2.45	6	356	0.3	5	3.89	0.7	76	21	67	129	5.55	0.77	14	16	2.11	1090	8	0.14	32	0.10	3	85	0.34	172	107	
185	DC0037	860	0.8	3.71	54	2406	3.2	5	6.18	0.6	89	34	114	97	5.18	1.28	10	12	2.32	835	3	0.18	86	0.05	2	263	0.07	171	68	
186	DC0038	80	0.4	6.10	2	1502	0.9	5	1.88	0.2	42	44	158	108	7.89	1.74	10	26	2.03	508	1	0.16	100	0.07	2	63	0.08	257	120	
187	DC0039	40	0.2	4.67	16	858	0.6	5	4.66	0.3	73	33	25	69	6.75	1.17	11	29	2.11	882	2	0.22	28	0.06	5	156	0.07	195	110	
188	DC0040	30	0.2	4.03	18	1087	1.1	5	7.01	0.4	99	29	65	43	6.12	1.62	16	17	2.03	1015	3	0.13	47	0.09	2	191	0.07	213	92	
189	DC0041	70	0.4	3.01	4	491	0.4	5	2.16	0.2	51	12	24	87	4.53	0.96	10	13	1.11	479	2	0.11	15	0.07	116	107	0.21	114	67	
190	DC0042	120	3.2	0.70	23	371	0.7	5	8.23	0.6	110	15	37	48	3.45	0.35	14	8	0.95	957	4	0.08	17	0.07	3	400	0.07	120	47	
191	DC0043	50	0.8	1.20	16	224	0.8	5	6.06	0.2	93	22	49	57	5.26	0.53	11	5	1.51	1034	16	0.09	21	0.10	2	233	0.27	181	93	
192	DC0044	20	0.4	0.69	8	464	0.5	5	2.76	0.2	60	18	16	72	4.99	0.25	8	3	0.36	710	1	0.11	10	0.04	3	48	0.07	156	63	
193	KP0218	40	0.4	3.49	11	769	0.6	5	4.16	0.7	73	21	35	108	5.25	1.08	13	18	1.65	873	1	0.12	22	0.06	4	108	0.09	214	80	
194	KP0219	80	0.2	2.54	26	263	0.7	5	4.86	0.2	91	27	79	114	6.18	0.42	15	21	1.69	973	1	0.15	36	0.06	2	121	0.06	246	83	
195	KP0220	20	0.2	3.81	46	165	0.5	5	6.91	0.4	97	34	182	160	6.07	0.35	11	36	2.54	1415	4	0.32	61	0.12	2	115	0.03	192	71	
196	KP0221	30	0.2	1.49	27	246	0.4	5	12.33	0.7	110	10	22	34	2.10	0.38	5	15	0.63	881	3	0.16	14	0.05	5	264	0.05	78	32	
197	KP0223	30	0.2	3.12	13	352	0.6	5	4.72	0.5	90	33	103	129	6.69	0.51	13	24	2.24	917	2	0.09	42	0.07	2	141	0.09	243	105	
198	KP0224	9700	0.2	3.04	28	938	0.9	5	7.38	0.8	103	24	143	35	4.41	0.85	10	16	2.07	1085	2	0.19	53	0.07	6	141	0.03	149	61	
201	KP0226	330	0.2	0.92	22	138	0.4	5	8.05	0.9	101	9	48	21	1.44	0.19	6	9	0.62	710	4	0.04	17	0.02	12	136	0.01	55	23	
202	KP0227	20	0.2	3.31	29	204	0.3	5	3.26	0.5	71	20	65	100	6.01	0.32	13	16	2.41	932	2	0.08	36	0.06	2	81	0.10	264	100	
203	KP0228	110	0.8	2.45	28	683	1.1	5	3.77	0.5	75	23	88	95	5.65	0.74	11	10	1.05	937	4	0.12	38	0.06	3	72	0.07	218	80	
205	KP0229	10	0.4	2.83	13	580	0.3	5	3.90	0.7	73	23	87	98	5.08	0.54	11	21	1.57	897	3	0.09	42	0.04	2	40	0.13	173	81	
206	KP0230	40	0.2	4.85	38	313	0.5	5	3.63	0.5	76	28	73	85	6.17	0.62	15	23	2.24	909	7	0.37	52	0.07	2	96	0.04	313	133	
207	PM0223	10	0.2	4.75	4	432	0.5	5	0.59	0.2	34	23	20	45	6.90	0.75	13	32	2.06	693	1	0.10	13	0.10	2	13	0.10	205	109	
208	PM0225 rx	30	0.4	2.20	34	840	0.5	9	8.32	1.1	105	28	297	32	4.60	0.53	11	17	4.54	1011	4	0.09	131	0.04	5	165	0.03	126	68	

T. No.	SAMPLE No.	9408-028																								V ppm	Zn ppm	Pg. 4 of 4	
		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni %	P ppm	Pb ppm	Sr ppm	Ti ppm		
09	PM0231 rx	10	0.2	4.44	16	320	0.3	6	3.35	0.7	61	33	28	91	7.10	0.59	14	36	3.68	990	2	0.10	28	0.09	2	41	0.26	303	93
10	PM0233	5	0.2	5.51	31	202	0.9	12	7.05	1.3	94	53	506	32	8.29	0.37	16	53	8.12	1125	3	0.07	327	0.07	2	193	0.04	310	164
11	PM0235	5	0.4	5.02	6	1204	0.6	5	4.10	0.3	73	18	13	58	4.08	1.82	9	18	1.13	744	2	0.10	14	0.07	2	57	0.15	140	57
12	PM0239	10	0.4	3.34	2	826	0.3	6	2.02	0.2	53	10	20	18	2.95	1.38	8	16	0.83	534	1	0.08	15	0.03	2	23	0.10	60	43
13	PM0241	10	0.2	4.73	16	117	0.5	5	7.15	0.4	118	21	26	49	4.51	0.39	13	32	1.64	784	3	0.82	25	0.10	2	194	0.04	149	56
14	PM0243	5	2.0	2.76	64	227	0.4	14	6.36	0.8	114	33	181	67	5.26	0.45	15	21	3.92	1040	3	0.11	117	0.07	2	48	0.07	191	50
15	PM0244	5	0.2	2.44	15	440	0.3	8	4.19	0.2	88	23	24	44	5.34	0.91	15	15	1.79	922	3	0.11	13	0.07	3	30	0.38	165	66
16	PM0247	5	0.2	2.10	13	480	0.3	5	3.11	0.2	84	18	26	49	5.58	0.52	13	17	1.20	895	2	0.11	14	0.08	2	31	0.37	151	91
17	PM0250	1200	3.6	0.08	4229	18	0.2	5	0.09	0.2	11	30	10	286	5.16	0.03	4	2	0.03	64	2	0.02	23	0.01	23	3	0.01	5	45
19	PM0251	60	1.6	1.31	510	313	0.4	7	4.19	2.2	85	23	88	138	5.07	0.49	12	11	1.72	850	5	0.09	41	0.05	7	130	0.12	233	104
20	PM0253	5	0.2	3.90	22	349	0.4	7	4.97	0.3	83	24	29	48	4.81	0.90	14	23	2.36	814	2	0.13	20	0.06	2	45	0.06	143	59
21	PM0255	20	0.2	2.65	9	605	0.5	5	3.00	0.2	57	16	10	73	3.75	0.96	8	8	0.83	699	3	0.15	10	0.07	2	58	0.05	111	31
22	PM0260	5	0.2	0.20	17	69	0.3	5	4.32	0.6	77	8	20	39	2.18	0.07	8	4	0.62	611	4	0.06	13	1.03	2	622	0.01	32	38
23	RL0205	5	0.2	6.26	6	377	0.6	5	0.73	0.2	58	28	28	147	8.08	1.73	29	19	1.70	826	2	0.08	84	0.10	2	21	0.42	366	230
24	RL0206	5	0.4	5.27	2	259	0.6	5	1.48	0.2	43	42	200	169	7.88	1.09	11	26	1.75	1131	2	0.14	138	0.07	2	40	0.19	463	244
25	RL0207	10	0.4	4.17	27	773	0.7	5	5.70	0.3	86	36	131	87	5.59	1.62	9	14	2.01	862	6	0.11	136	0.06	2	181	0.13	158	115
26	RL0208	5	0.4	4.35	2	686	0.4	5	2.00	0.3	56	21	66	88	4.47	1.46	10	12	0.82	745	2	0.17	59	0.07	2	42	0.15	130	93
27	RL0209	5	0.2	4.73	2	203	0.4	5	2.88	0.2	60	38	159	101	6.77	0.51	8	33	2.49	962	2	0.14	127	0.08	2	57	0.20	240	154
28	RL0210	5	0.4	3.88	8	699	0.6	5	4.77	0.2	76	31	165	168	6.56	1.51	8	11	0.81	724	9	0.17	97	0.08	19	67	0.26	229	89
29	RL0211	5	0.4	3.80	2	626	0.9	5	3.19	0.2	63	28	189	89	6.92	1.56	8	10	0.44	545	2	0.11	97	0.06	2	103	0.23	168	133
30	RL0212	5	0.2	4.84	2	404	0.3	5	1.96	0.2	41	29	217	97	7.64	1.76	9	18	0.70	559	1	0.18	100	0.06	2	55	0.38	165	147
31	RL0213	30	0.4	5.08	2	365	0.6	5	2.05	0.2	48	28	165	138	6.94	1.48	9	21	1.08	541	1	0.10	102	0.06	2	59	0.20	185	128
32	RL0214	5	0.2	3.94	2	247	0.3	5	1.37	0.2	35	25	168	60	6.27	0.91	7	24	1.30	474	1	0.07	88	0.05	2	37	0.21	159	132
34	RL0215	10	0.2	4.66	2	271	0.8	5	4.30	0.2	67	35	228	91	6.86	0.85	10	21	1.73	705	1	0.33	121	0.06	2	188	0.20	193	120
35	RL0216 rx	5	0.4	3.33	2	301	0.6	5	1.89	0.2	46	29	168	42	6.29	1.60	9	13	0.72	599	1	0.09	82	0.06	2	75	0.22	155	140

NUMBER	LOCATIONX	LOCATIONY	LOCATIONZ	EXPOSURE	UNIT	COLOR	TEXTURE	HORNFELS	PROPYLITE	ARGILLIC	SERICITIC	ANKERITIC	SILICA	CARBONATE	CHLORITE	EPIDOTE	PYRITE	PYRRHO	LITHO	SAMPLETYPE	COMMENTS
DC0005	670888	6264605	9	FLOAT		WHITE	fg	none	none	none	fract	none	mod	none	none	none	none	none	EPICLASTS	FLOAT	massive quartz and calc vein, ankerite selvages
DC0008	670765	6264680	9	FLOAT		ORANGE	fg	none	none	none	pervasive	none	none	weak	none	<1	none	none	EPICLASTS	FLOAT	ankerite altered rock with quartz ff. and 2nd event qtz. veining
DC0007	670826	6264752	9	OUTCROP		ORANGE	fg	none	none	none	permissive	none	none	weak	none	none	none	none	EPICLASTS	GRAB	ankerite altered rk. foliated with qtz. and calcite veining 2 episodes
DC0008	670887	6264829	9	OUTCROP		ORANGE	fg	none	none	none	fract	mod	none	none	none	tr	none	EPICLASTS	GRAB	silic. bedded sed. Well fractured, silic heeded.	
DC0009	670856	6264883	9	FLOAT		ORANGE	fg	none	none	none	fract	none	none	none	none	none	1	none	EPICLASTS	FLOAT	ankerite weathered rk. fg diss. pyrite
DC0010	671003	6265033	9	FLOAT		ORANGE	fg	none	none	none	none	none	none	none	none	tr	none	EPICLASTS	FLOAT	bul and stringer qtz veins in skeletically altered rk.	
DC0011	671070	6265005	9	FLOAT		ORANGE	fg	none	none	none	permissive	fract	none	none	none	tr	none	EPICLASTS	FLOAT	par. serc. alt. volc with hem. mafic phenocr. ank ff but qtz veining	
DC0012	671117	6265056	9	OUTCROP		ORANGE	fg	none	none	none	permissive	fract	none	mod	none	1	none	EPICLASTS	GRAB	chloritized (sericitized?) alt rk with qtz veining ankerite weathered surf.	
DC0013	671226	6265080	9	FLOAT		ORANGE	fg	none	none	none	permissive	fract	none	none	none	2	none	EPICLASTS	GRAB	sericitized? alt rock with diss py and at least two apl of qtz veining ank weathered	
DC0014	671294	6265135	9	FLOAT		ORANGE	fg	hcm	none	none	permissive	none	none	none	none	none	2	none	EPICLASTS	GRAB	permissive alt ank replacing mafica, stockwork microfrac, fg diss py.
DC0015	671380	6265191	9	FLOAT		LITGREEN	fg	none	none	none	permissive	veined	permissive	none	none	tr	none	EPICLASTS	GRAB	ank alt rk and stockwork qtz stringers and mariposites?	
DC0016	671486	6265244	9	FLOAT		ORANGE	fg	none	none	none	none	veined	none	none	none	none	2	none	EPICLASTS	GRAB	well frac and healed bull qtz vns and py stringers
DC0017	671551	6265286	9	OUTCROP		ORANGE	fg	none	none	none	none	veined	none	none	none	none	2	none	EPICLASTS	GRAB	bul qtz vned and emars of py along fracs
DC0018	671594	6265315	9	OUTCROP		ORANGE	fg	none	none	none	permissive	veined	permissive	none	none	none	none	EPICLASTS	GRAB	ank altered rk, qtz vns and muscovite	
DC0019	671645	6265350	9	OUTCROP		ORANGE	fg	none	none	none	permissive	veined	mod	none	none	none	none	EPICLASTS	GRAB	qtz/carb veined, ank and chi altered rk.	
DC0020	671731	6265386	9															GRAB			
DC0021	671828	6265405	9															GRAB			
DC0022	671862	6265413	9															GRAB			
DC0023	672023	6265515	9															GRAB			
DC0024	671886	6265637	9															GRAB			
DC0025	671816	6265651	9															GRAB			
DC0026	671735	6265654	9															GRAB			
DC0027	671869	6265663	9															GRAB			
DC0028	671558	6265646	9	FLOAT	SEDS	LTGREY	fg	none	none	none	mod	none	weak	none	none	1	none	GRAB	py perv. carb alt		
DC0029	671493	6265371	9	FLOAT	SEDS	MDGREY	fg	none	none	none	weak	mod	none	weak	none	tr	none	GRAB			
DC0030	671416	6265297	9	FLOAT	SEDS	LTGREY	fg	none	none	none	strong	weak	none	none	none	1	none	GRAB			
DC0031	671321	6265295	9	FLOAT	SEDS	TAN	fg	none	none	none	strong	mod	weak	none	none	tr	none	GRAB	qtz vn flooded, carb in vns		
DC0032	671226	6265258	9	FLOAT	SEDS	LTGREY	fg	none	none	none	mod	weak	none	strong	none	none	1	none	GRAB	qtz/carb alt. py cubes perv	
DC0033	671185	6265185	9	FLOAT	SEDS	MDGREY	fg	none	none	none	strong	mod	none	weak	none	tr	none	GRAB			
DC0034	671083	6265101	9	FLOAT	SEDS	MDGREY	fg	none	none	none	weak	mod	mod	weak	none	tr	none	GRAB			
DC0035	670905	6265046	9	FLOAT	SEDS	MDGREY	fg	none	none	none	weak	mod	none	weak	none	tr	none	GRAB	possible mariposite		
DC0036	670623	6265003	9	OUTCROP	SEDS	LTGREY	fg	none	none	none	mod	weak	weak	none	weak	2	none	GRAB	qtz vns x-cutting		
DC0037	670634	6265038	9	FLOAT	SEDS	MDGREY	fg	none	none	none	weak	mod	none	mod	none	1	none	GRAB			
DC0038	670804	6265541	9	FLOAT	SEDS	LTGREY	fg	none	none	mod	mod	mod	mod	none	none	<1	none	GRAB			
DC0039	670744	6265764	9	OUTCROP	SEDS	MDGREY	fg	none	none	none	weak	mod	none	none	none	tr	none	GRAB	coarse and fg py		
DC0040	670688	6265678	9	FLOAT	SEDS	MDGREY	fg	none	none	none	weak	strong	none	weak	none	tr	none	GRAB	poss mariposite		
DC0041	670634	6265506	9	FLOAT	SEDS	MDGREY	fg	none	weak	none	none	none	weak	weak	weak	tr	none	GRAB			
DC0042	670581	6265514	9	FLOAT	SEDS	MDBROWN	fg	none	none	none	strong	strong	strong	strong	none	none	2	none	GRAB	flooded by carb vns	
DC0043	670518	6265435	9	FLOAT	SEDS	TAN	fg	none	none	none	weak	none	mod	weak	none	tr	none	GRAB			
DC0044	670435	6265310	9	FLOAT	SEDS	PINK	fg	none	none	none	strong	weak	weak	none	none	tr	none	GRAB			
GG0350	671572	6264794	9	OUTCROP	qtzvn	MDGREEN	wlftrac											CHIP	DOMINANT NW QZ VNS 5 PER 0.7m STEEP EAST DIPSS		
GG0351	671382	6264934	9	FLOAT														GRAB			
GG0352	671658	6264021	9	FLOAT	qtzvn													GRAB	WELLFRAC OZ VEINS		
GG0353	671618	6264993	9	OUTCROP	SEDS	BUFF	foliated											GRAB	IN TALUS FIELD		
GG0354	671583	6264990	9	OUTCROP	qtzvn													CHIP	EDGE OF STRONG ANK ZONE TO WEST STWK VEINS AND QVS IN JTS FRACTS		
GG0355	671485	6264941	9	OUTCROP	qtzvn													GRAB	STRONG ANK ALT FOL PARALLEL TO GULLEY WITH QV VNS 3mm-7cm 4/1m 1.0M CHIP		
GG0356	671485	6264941	9	OUTCROP	qtzvn													GRAB	BULL AND LASSY QVNS IN SILIC FG VOLC SEDS		
GG0357	671387	6264955	9															GRAB	QZ VN MATERIAL IN VOLC SEDS		
GG0358	671580	6265059	9			qtzvn												CHIP	0.2m CHIP OTHER MINOR VNS AT W, NW, WNW, NNW TRENDS		
GG0359	671583	6265057	9	OUTCROP	qtzvn													CHIP	0.6M CHIP		
GG0360	671582	6265055	9			qtzvn												CHIP	1.3m CHIP		
GG0361	671611	6265048	9			qtzvn												CHIP	1.2m CHIP(0.3m IN FW shear/1.0M IN stwk		
GG0362	671615	6265005	9			qtzvn												CHIP	WEAK QV STWK ZONE		
GG0363	671615	6265005	9			qtzvn												CHIP	AS ABOVE		
GG0364	671808	6264987	9															none	SEE STRUC.		
KP0150	670978	6264742	9	OUTCROP	SEDS	MDGREEN	vfg	none	none	none	weak	strong	none	strong	mod	none	2	none	GRAB	hyd fol, fract carb, ank, fg diss py, and composition	
KP0151	670987	6264749	9	OUTCROP	SEDS	DKGREEN	fg	none	none	none	none	strong	mod	none	none	none		GRAB	modified appear, py as tr on fract surf, numerous carb vnlts		
KP0152	671010	6264778	9	OUTCROP	qtzvn	WHITE	massive	none	none	none	mod	none	weak	none	none	none		GRAB	qtz vn-hosted carb content ~20%, loc wlk-mod frsc ank vnlty		
KP0154	671120	6264868	9	OUTCROP	SEDS	BUFF	vfg	none	none	none	weak	strong	mod	none	none	1	none	GRAB	loc all, 0.5mm carb, ank vnlts, py cube, fg diss		
KP0155	671120	6264867	9	OUTCROP	qtzvn	WHITE	massive	none	none	none	mod	none	mod	none	none	none		GRAB	qtz vn frsc ankrite		
KP0156	671168	6264901	9	OUTCROP	SEDS	DKGREY	vfg	none	none	none	none	weak	none	mod	none	none	1	none	GRAB	composite grab, py as fg diss, endesite composition	

NUMBER	LOCATIONX	LOCATIONY	LOCATIONZ	EXPOSURE	UNIT	COLOR	TEXTURE	HORNFELS	PROPYLITC	ARGILLIC	SERICITIC	ANKERITIC	SILICA	CARBONATE	CHLORITE	EPIDOTE	PYRITE	PYRRHO	LITHO	SAMPLETYP	COMMENTS
KP0158	671221	6284917	9	OUTCROP	qtvn	WHITE	massive	none	none	none	weak	none	mod	none	none	2	none		GRAB	2m composite grab, brtl qtz-milky white, fric ank; 5-10 cm, host 2% qz diss py	
KP0159	671254	6284922	9	OUTCROP	ANDESITE	DKGREEN	vfg	none	none	none	none	weak	mod	mod	strong	none	2	none	GRAB	py qz diss, fric ank, altd feldspat porphy, hosts 5m and cleats	
KP0160	671283	6284906	9	OUTCROP	SEDS	MIDGREEN	vfg	none	none	none	strong	mod	mod	mod	none	1	none	GRAB	unit banded, loc silt, py as stringers, qz diss		
KP0161	671798	6285209	9	OUTCROP	SEDS	MIDGREEN	vfg	none	none	none	mod	weak	none	strong	strong	none	tr	none	GRAB	unit exhibits bending, embank as weathering rind	
KP0162	671779	6285200	9	OUTCROP	qtvn	WHITE	massive	none	none	none	mod	strong	mod	mod	strong	none	<1	none	GRAB	qz vnf, milky white-translucent, <>10cm in 1m zone, fric ank, carb, py in ank	
KP0163	671741	6285196	9	OUTCROP	SEDS	BUFF	mg	none	none	none	weak	mod	mod	mod	strong	none	<1	none	GRAB	unit is banded, wds-perv ank, andesitic composition	
KP0164	671580	6285076	9	OUTCROP	qtvn	WHITE	massive	none	none	none	mod	mod	mod	none	none	tr	none	GRAB	fric, we py, so perv, we, minor boxwork, py i-med g diss penitrac, andesitic compn		
KP0165	671580	6285074	9	OUTCROP	SEDS	LTGREY	mg	none	none	mod	strong	mod	mod	mod	none	2	none	GRAB	fric, we py, so perv, we, minor boxwork, py i-med g diss penitrac, andesitic compn		
KP0166	671519	6284956	9	SUBOTC	SEDS	WHITE	massive	none	none	mod	mod	mod	mod	mod	none	none	1	none	GRAB	sample out of rusty zone, heavy fract embank stockwork, vfg diss py, altd and comp?	
KP0167	671294	6284932	9	OUTCROP	SEDS	LTGREY	mg	none	none	mod	mod	mod	mod	mod	none	none	tr	none	GRAB	heavy fractures, altd, mariposite, numerous qtz veins, altd and composition	
KP0168	671778	6285195	9	OUTCROP	SEDS	MIDBROWN	vfg	none	none	mod	mod	mod	mod	mod	none	tr	none	GRAB	fract, we ank, andesitic composition		
KP0169	671856	6285259	9	OUTCROP	SEDS	DKGREEN	cg	none	none	none	mod	mod	mod	mod	strong	none	none	none	GRAB	banded seds, andesitic composition	
KP0170	671882	6285293	9	OUTCROP	SEDS	DKGREEN	foliated	none	none	none	mod	mod	mod	mod	strong	none	none	none	GRAB	highly foliated, cut by parallel qtz/crb vns, andesitic composition	
KP0171	671880	6285271	9	OUTCROP	SEDS	DKGREEN	mg	none	none	none	mod	mod	mod	mod	strong	none	none	none	GRAB	unit as mass blocks, andesitic composition	
KP0172	671887	6285320	9	OUTCROP	qtvn	WHITE	massive	none	none	none	mod	mod	mod	mod	mod	none	tr	none	GRAB	qtz/crb vns, bull qz, milky white, 2-6m wide	
KP0173	671904	6285369	9	OUTCROP	SEDS	MIDGREEN	vfg	none	none	none	mod	mod	mod	mod	mod	mod	tr	none	GRAB	qz vnf, translucent-milky white, hosted in andesitic sediments	
KP0174	671927	6285413	9	OUTCROP	qtvn	WHITE	vuggy	none	none	none	mod	mod	mod	mod	strong	mod	mod	none	GRAB	sample from rusty zone, mafic weather pref, wds/perv carb, altd and andesitic compn	
KP0175	672022	6285509	9	SUBOTC	SEDS	RED	mg	none	none	mod	mod	mod	mod	mod	none	none	none	GRAB	unit heavily fol, unit subtrs, 5m lg and cleats in matrix of same		
KP0176	671973	6285517	9	OUTCROP	ANDESITE	MIDGREEN	foliated	none	none	none	mod	mod	mod	mod	mod	mod	mod	none	GRAB	unit host, 5m qz vnf pinch/well, 5-10cm bending, mafic wealth pref, and compn	
KP0177	671862	6285480	9	OUTCROP	SEDS	DKGREEN	mg	none	none	none	mod	mod	mod	mod	mod	mod	mod	none	GRAB	unit on wealth surf, py as fr tr, mafic wealth pref, boxwork struct and composition	
KP0178	671787	6285480	9	OUTCROP	SEDS	MIDBROWN	lg	none	none	mod	mod	mod	mod	mod	mod	mod	tr	none	GRAB	weitrac ank, tg pyitrac, clots, value debris very rusty, altd and andesitic compn	
KP0179	671744	6285444	9	TALUS	SEDS	MIDGREY	vfg	none	none	mod	mod	mod	mod	mod	mod	mod	<1	none	GRAB	I-rng py, tr cp7, penitrac w qtz vnf, altd and composition	
KP0180	671728	6285434	9	OUTCROP	SEDS	MIDGREY	vfg	none	none	mod	mod	mod	mod	mod	mod	mod	2	none	CHP	20cm chip, hosted in hr svr unit, vne cont, 20cm space, trans-milky wh, py diss,	
KP0181	671698	6285412	9	OUTCROP	qtvn	WHITE	massive	none	none	mod	mod	mod	mod	mod	mod	mod	mod	3	none	GRAB	qz diss py as ank, andesitic composition
KP0182	671648	6285384	9	OUTCROP	SEDS	LTGREY	lg	none	none	mod	mod	mod	mod	mod	mod	mod	mod	1	none	GRAB	qz pyitrac fit, frag carb, esdnev qtz vnf
KP0183	671815	6285435	9	OUTCROP	SEDS	MIDGREY	vfg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	1	none	GRAB	4m comp grab, py tg diss wealth creamywh, no assoc silim in vlntrd unit, dyke str
KP0184	671551	6285288	9	OUTCROP	SEFS	MIDGREY	vfg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	1	none	CHP	1m chip sample focused to dyke, svr ank, and composition
KP0185	671551	6285284	9	OUTCROP	SEDS	MIDGREEN	vfg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	2	none	CHP	1m chip sample hanging wall to dyke, tg dissing clst py, and compn
KP0186	671553	6285284	9	OUTCROP	SEDS	DKGREY	lg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	none	GRAB	tg diss py as ank, andesitic composition
KP0187	671326	6285519	9	OUTCROP	SEDS	DKGREEN	vfg	none	mod	mod	mod	mod	mod	mod	mod	strong	mod	1	none	GRAB	heavy weitrac ank, numer, qtz vlntrs, loc sll and compn
KP0188	671275	6285110	9	OUTCROP	SEDS	MIDGREEN	lg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	none	GRAB	unit exhibits stil-sand test, t-med grt cubic py, and compn
KP0189	671133	6285074	9	OUTCROP	SEDS	DKGREEN	vfg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	tg diss, cubic py, we ank, cut by num qtz vlntrs, >5% chl, and composition	
KP0190	671111	6285047	9	OUTCROP	SEDS	MIDBROWN	mg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	perv, we, fric ank, perv svr, tg diss py, qtz ff, altd and compn	
KP0191	670818	6284809	9	OUTCROP	SEDS	MIDGREEN	none	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	fric sericitic vrsl ank, 0.5mm, loc sll, andesitic composition	
KP0192	670788	6284781	9	OUTCROP	SEDS	MIDGREEN	vfg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	we ank, peralite, loc all unit bed, frce, and compn	
KP0193	670710	6284635	9	OUTCROP	SEDS	MIDGREEN	lg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	we ank fnd, mafic wealth chlor.	
KP0194	670708	6284630	9	OUTCROP	SEDS	LTGREY	vfg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	fric carb/vnf, unit highly fol, and composition	
KP0195	671063	6284753	9	OUTCROP	SEDS	DKGREEN	lg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	perv, fric carb, fric we, perv ank, altd and andesitic composition	
KP0196	671144	6284798	9	TALUS	SEDS	TAN	vfg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	patchy sericitc ank, weitrac perv carb, and compn	
KP0197	671526	6284817	9	OUTCROP	SEDS	DKGREEN	vfg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	vfg diss py, patchy ank, discord qtz vlntrs, andesitic composition	
KP0198	671311	6284865	9	OUTCROP	SEDS	DKGREEN	vfg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	flow test exhibited, suggested porph, we/lnkrs ank, loc ec mafic sit chl	
KP0199	671362	6284800	9	OUTCROP	SEDS	DKGREEN	vfg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	flow test exhibited, suggested porph, we/lnkrs ank, loc ec mafic sit chl	
KP0200	671585	6284945	9	OUTCROP	ANDESITE	MIDGREEN	mg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	none	GRAB	unit exhibits phg texture, sugarcube, nbl linear, dyke str7, fric ank
KP0201	671430	6284690	9	OUTCROP	ANDESITE	MIDGREEN	mg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	none	GRAB	fract porph, perv carb, vlntrd, vnf vlntrd, andesitic composition
KP0202	671469	6284880	9	OUTCROP	SEDS	DKGREY	vfg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	ivy bull qz vlntrd, pinch/well, sll cont, fric ank, mariposite, and compn	
KP0203	671465	6284860	9	OUTCROP	SEDS	BUFF	vfg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	free carb, qtz vnf, weitrac carb, fric ank, altd and composition, sample taken 20cm depth	
KP0204	671505	6284862	9	SUBOTC	SEDS	BUFF	vfg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	patchy ank, weitrac carb, fric ank, mod-hvy foliation and compn	
KP0205	671620	6284690	9	OUTCROP	SEDS	MIDGREEN	foliated	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	we, lnkrs ank, qtz vnf, vfg diss, 1-2cm cubic, clst py, altd d7 and compn	
KP0206	671663	6284972	9	OUTCROP	SEDS	BUFF	vfg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	vfg diss/clst py, fric carb, fric ank, and compn	
KP0207	671731	6285019	9	OUTCROP	SEDS	DKGREEN	vfg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	hydrates vlntrs, fric carb, vlntrd, fric ank, vlntrd, and compn	
KP0208	671767	6284953	9	OUTCROP	ANDESITE	MIDGREEN	cg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	qpzifld porph, chl gmdness, hosts xl clst clst7, vlntrd fric ank	
KP0209	671856	6285156	9	OUTCROP	ANDESITE	DKGREEN	mg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	unit exhibit bed, fric carb, fric ank, fric vnf diss py andesitic compn.	
KP0210	671767	6285145	9	OUTCROP	SEDS	MIDGREEN	lg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	py gen wealth, qtz vlntrs, perv carb, we, perv ank, altd and compn	
KP0211	671806	6285091	9	SUBOTC	SEDS	MIDBROWN	lg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	tg diss py, patchy ank, unit exhibit bed, andesitic compn.	
KP0212	671837	6285084	9	OUTCROP	SEDS	DKGREEN	vfg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	fric ank, bed, esdnt, qtz/crb vns	
KP0213	671761	6285064	9	OUTCROP	SEDS	MIDGREEN	vfg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	i-med g diss py, occas, qtz/crb vns, altd and composition?	
KP0214	671710	6285050	9	TALUS	SEDS	BUFF	vfg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	perv carb, subxl xl, end compn	
KP0215	671938	6284872	9	OUTCROP	SEDS	DKGREEN	vfg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	subfr carb, vlntrd carb, bedded, andesitic compn	
KP0216	671754	6284966	9	OUTCROP	SEDS	DKGREEN	vfg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	perv carb, vlntrd carb, bedded, andesitic compn?	
KP0217	671743	6284866	9	OUTCROP	SEDS	LTGREY	vfg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	perv carb, vlntrd carb, py, subl bend, and compn?	
KP0218	671678	6284966	9	TALUS	SEDS	LTGREY	vfg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	perv carb, vlntrd carb, bedded, andesitic compn	
KP0219	671675	6284967	9	TALUS	SEDS	LTGREY	vfg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	mod	GRAB	perv carb, vlntrd carb, bedded, andesitic compn	

NUMBER	LOCATIONX	LOCATIONY	LOCATIONZ	EXPOSURE	UNIT	COLOR	TEXTURE	HORNFELS	PROPYLLITE	ARGILLIC	SERICITIC	ANKERITIC	SILICA	CARBONATE	CHLORITE	EPIDOTE	PYRITE	PYRRHO	LITHO	SAMPLETYPE	COMMENTS
KP0220	671591	6264695	9	OUTCROP	SEDS	LTGREY	Vtg	none	none	none	strong	strong	none	mod	none	<1	none		none	none	frac, we ark, f diss clots, parv carb, qtz vnlts, and compstn
KP0221	671541	6264690	9	OUTCROP	qzvn	WHITE	massive	none	none	none	mod	none	strong	none	none	tr	none		GRAB	qv hosted in KP0220, milky-translucent white	
KP0222	671512	6264629	9	OUTCROP	SEDS	LTGREY	Vtg	none	none	none	strong	none	none	weak	weak	none	tr	none		none	lg diss py, fine vnlts, bedded, fol we, frac ark and compstn.
KP0223	671451	6264593	9	OUTCROP	SEDS	LTGREY	Vtg	none	none	none	strong	strong	none	strong	none	<1	none		GRAB	parv, frac carb, frss ank, fd, bed, and compstn	
KP0224	671361	6264754	9	OUTCROP	SEDS	LTGREY	massive	none	none	none	strong	mod	mod	none	strong	none	2	none	GRAB	mg dissy, tr marlposita, hosta qv, and compstn	
KP0225	670955	6264679	9	OUTCROP	SEDS	MDGREEN	Vtg	none	none	none	mod	mod	mod	mod	strong	none	<1	none		none	parv, we ser, wlfrc ark, qz ff, fd, fol, and compstn
KP0226	670928	6264678	9	OUTCROP	qzvn	WHITE	huggy	none	none	none	none	none	none	strong	weak	none	none	none	GRAB	hosted in KP0225	
KP0227	670822	6264622	9	OUTCROP	SEDS	LTGREY	Vtg	none	none	none	mod	weak	none	weak	none	<1	none		GRAB	lg clot py, qtz vnlts, bed, fol, and compstn	
KP0228	671119	6264701	9	TALUS	SEDS	LTGREY	Vtg	none	none	none	strong	strong	none	none	none		2	none	GRAB	lg diss discord stgrs, wlfrc ark, qtz vnlts, and compstn	
KP0229	671459	6264769	9	OUTCROP	SEDS	MDGREY	Vtg	none	none	mod	strong	none	weak	none	none	tr	none		GRAB	parv, frss ank, parv carb, wlf, qz vn, and compstn	
KP0230	671551	6264884	9	OUTCROP	SEDS	MDGREY	Vtg	none	none	none	strong	none	mod	none	none	<1	none		GRAB	lg diss py, frss carb, wlf parv, frss ark, and compstn	
KP0231	671562	6267177	9	OUTCROP	ANDESITE	DKGREY	Vtg	none	none	mod	strong	none	weak	none	none	<1	none		GRAB	joining two dir, py fine gr. diss	
KP0232	671561	6267221	9	OUTCROP	SEDS	DKGROWN	Vtg	none	none	mod	mod	mod	none	none	tr		1		GRAB	fine gr diss stretched clots of po	
KP0233	671562	6267224	9	OUTCROP	qzvn	WHITE	massive	none	none	none	mod	veined	mod	none	<1	tr			GRAB	trace bornite, milky to translucent white py fine gr. cub, clot	
KP0234	671616	6267228	9	OUTCROP	DIOR	LTGREY	mg	none	none	mod	strong	none	none	none		2	2		none	unit hosted in volc, mod-wt we ankarita	
KP0235	671642	6267227	9	OUTCROP	SEDS	WHITE	massive	none	none	none	weak	veined	none	none	tr		2		GRAB	rusty pits throughout	
KP0236	671711	6267240	9	OUTCROP	qzvn	WHITE	massive	none	none	none	fract	veined	none	none	none		1		GRAB	tr bo, qv 10cm wide	
KP0237	671735	6267242	9	OUTCROP	qzvn	WHITE	massive	none	none	none	weak	veined	none	none	tr		2		GRAB	hematite stain throughout, glassy to bull qtz locally	
KP0238	671856	6267458	9	OUTCROP	LTGREY	sheared	none	none	strong	strong	none	none	none	none	tr		2		CHIP	3cm chip, heavy rust on we	
KP0239	671849	6267465	9	OUTCROP	qzvn	WHITE	massive	none	none	mod	veined	mod	none	none	tr	<1		GRAB	2% galena wlfrc milky to translucent qzvn		
KP0240	671846	6267468	9	OUTCROP	DIOR	LTGREY	mg	none	none	none	weak	strong	none	none	tr		2		GRAB	we displays ankarita,	
KP0241	671839	6267458	9	OUTCROP	DIOR	MDGREY	mg	none	none	mod	mod	mod	none	none	tr		1		CHIP	1.5cm chip, diss py and po	
KP0242	671848	6267393	9	OUTCROP	qzvn	WHITE	massive	none	none	mod	strong	veined	weak	none		1		GRAB	2% galena milky translucent qtz series		
KP0243	671857	6267374	9	OUTCROP	qzvn	WHITE	massive	none	none	mod	strong	veined	weak	none		1		GRAB	as above		
KP0244	671847	6267373	9	OUTCROP	qzvn	WHITE	massive	none	none	mod	strong	veined	weak	none		1		GRAB	as above		
KP0245	671652	6267378	9	OUTCROP	SEDS	WHITE	massive	none	none	mod	strong	mod	veined	weak	none		3		GRAB	as above but up to 5% galena	
KP0246	671667	6267253	9	OUTCROP	DIOR	LTGREY	mg	none	none	mod	strong	strong	none	none	none	<1			GRAB	cut by small qtz vns <.5mm and 2-2.5mm spacing, mixed area of volcs and intrusiv	
KP0247	671653	6267329	9	OUTCROP	qzvn	WHITE	massive	none	none	mod	strong	veined	none	none		10	2		GRAB	5-10cm wide qtz vn, hosted in silicified volcs	
KP0248	671653	6267330	9	OUTCROP	qzvn	WHITE	massive	none	none	mod	strong	veined	none	none		10	5		GRAB	as above	
KP0249	672078	6267291	9	OUTCROP	ANDESITE	DKGREY	fg	none	none	mod	mod	mod	mod	mod	mod		5		GRAB	weathered surface parv ark, unit locally sheared	
KP0250	672065	6267310	9	OUTCROP	DIOR	LTGREY	vfg	none	none	mod	strong	mod	mod	mod	mod		3		GRAB	mod-well banded, grades down to alt size, xl tuff and compstn	
KP0251	671862	6266466	9	OUTCROP	SEDS	MDGREEN	vfg	none	none	mod	mod	mod	mod	mod	mod				none	unit mod-well banded,grades down to alt size, xl tuff and compstn	
KP0252	671630	6264520	9	TALUS	SEDS	LTGREY	vfg	none	none	mod	strong	strong	mod	mod	mod		1		GRAB	parv, frss, we ark, we, parv ser, cut by qtz/carb vns, alt'd and comp	
KP0253	671737	6264311	9	OUTCROP	FELDPOR	LTGREY	mg	none	none	mod	mod	mod	mod	mod	mod				GRAB	qp's dykta struct, dm comp, grsb, how cm size rust spots, 5mm qtz vnlts, hyec alt	
KP0254	671776	6265758	9	OUTCROP	SEDS	MDGREY	fg	none	none	mod	strong	mod	mod	mod	mod				GRAB	cut by random qtz vnlts, alt'd andesitic sediments	
KP0255	671770	6265708	9	OUTCROP	SEDS	MDGREY	fg	none	none	mod	strong	mod	mod	mod	mod	1	1		GRAB	cut by qtz/carb vnlts, random orientation, alt'd andesitic seds	
KP0256	671519	6265547	9	OUTCROP	SEDS	LTGREY	fg	none	none	mod	mod	mod	mod	mod	mod	1			GRAB	Voc alt, extnerv qtz vn, host chalcopy sulfides, alt and seds	
KP0257	671535	6265509	9	OUTCROP	SEDS	LTGREY	massive	none	none	mod	strong	mod	mod	mod	mod	1	1		GRAB	tr marlposita, qtz/carb vnlts, loc silt, alt'd and seds	
KP0258	671600	6266029	9	OUTCROP	DIOR	MDGREY	vfg	none	none	mod	strong	mod	mod	mod	mod				GRAB	alt'd dior, tr marlposita, qtz vnlts/sulf, loc silt	
KP0259	671445	6265504	9	OUTCROP	SEDS	ORANGE	massive	none	none	mod	strong	mod	mod	mod	mod	1	2		GRAB	sulf clots/diss, loc chl, alt'd volc seds	
KP0260	671448	6265518	9	OUTCROP	SEDS	BUFF	massive	none	none	mod	strong	mod	mod	mod	mod	1	1		GRAB	volc sed, strgrs magnetite,random qtz vnng.	
KP0261	671453	6265591	9	OUTCROP	SEDS	MAROON	massive	none	none	mod	strong	mod	mod	mod	mod	<1	<1		GRAB	volc sed	
KP0262	671840	6266724	9	OUTCROP	SEDS	LTGREY	massive	none	mod	mod	mod	mod	mod	mod	mod		1		GRAB	fg diss/clots po,loc alt, alt'd volc sed?	
KP0263	671701	6266604	9	OUTCROP	SEDS	MDGREY	vfg	none	none	mod	mod	mod	mod	mod	mod	<1			GRAB	qtz/vnlk vnlts, semi-stockwork, alt'd volc seds?	
KP0264	671602	6266647	9	OUTCROP	AUGPORPH	MDGREY	fg	none	none	mod	strong	mod	mod	mod	mod		1		GRAB	qtz vnlts, remnant augite porphyry?	
KP0264	672067	6265303	9	OUTCROP	ANDESITE	BUFF	vfg	none	none	mod	mod	mod	mod	mod	mod		3		GRAB	qtz vns which host up to 2% sulfides, alt and	
KP0265	672052	6265359	9	OUTCROP	ANDESITE	DKGREY	vfg	none	none	mod	strong	mod	mod	mod	mod	1			GRAB	parvfrcc carb, fg diss sulfides	
KP0266	671984	6265399	9	OUTCROP	SEDS	DKGREY	vfg	none	none	mod	mod	mod	mod	mod	mod		1		GRAB	cut by 2-3mm qtz vnlts, sulf clust/sulf, alt volc seds (and)	
KP0267	671843	6265469	9	OUTCROP	SEDS	ORANGE	vfg	none	none	mod	mod	mod	mod	mod	mod	1			GRAB	sulf diss, rand orient qtz vnlts, 3-5cm spacing, alt xl tuff (and)	
KP0268	671758	6265519	9	OUTCROP	SEDS	LTGREY	vfg	none	none	mod	mod	mod	mod	mod	mod				GRAB	vfg diss, alt'd volc seds (and comp)	
KP0269	671634	6265592	9	OUTCROP	SEDS	DKGREY	vfg	none	none	mod	mod	mod	mod	mod	mod		1		GRAB	cut by occas. qtz/carb vns, l-mg diss sulfides, alt'd volc seds (and)	
KP0270	671591	6266920	9	TALUS	SEDS	ORANGE	vfg	none	none	mod	mod	mod	mod	mod	mod	1			GRAB	chi appear in less alt'd parts, alt qtz/carb vnlts, alt'd volc sed (and comp)	
KP0271	671552	6266860	9	OUTCROP	SEDS	DKGREY	vfg	none	none	mod	mod	mod	mod	mod	mod		<1		GRAB	cut by c/milk qtz vnlts/sulf, alt qz diss, alt volc sed (and)	
KP0272	671524	6266868	9	OUTCROP	SEDS	LTGREY	vfg	none	none	mod	mod	mod	mod	mod	mod	<1			GRAB	qtz/carb vnlts, vfg diss sulf, alt'd volc vnlts	
KP0273	671366	62668621	9	OUTCROP	SEDS	DKGREY	vfg	none	none	mod	strong	mod	mod	mod	mod	tr	1		GRAB	alt's diss as cubes, fg diss, qtz/carb vnlts alt volc seds (and)	
KP1001	671582	6267177	9	OUTCROP															none	SEE STRUCTURE	
KP1002	671562	6267224	9	OUTCROP															none	see structure	
KP1003	671562	6267224	9	OUTCROP															none	see structure	
KP1004	671642	6267227	9	OUTCROP															none	see structure	
KP1153	671118	6264861	9	OUTCROP	ANDESITE	DKGREEN	mg	none	none	none	none	strong	mod	mod	mod	none	1			none	see structure
KP1163	671746	6265166	9	OUTCROP															none	see structure	

NUMBER	LOCATIONX	LOCATIONY	LOCATIONZ	EXPOSURE	UNIT	COLOR	TEXTURE	HORNFELS	PROPYLITC	ARGILLIC	SERICITIC	ANKERITIC	SILICA	CARBONATE	CHLORITE	EPIDOTE	PYRITE	PYRRHO	LITHO	SAMPLETYP	COMMENTS
KP1181	671598	6265417	9	OUTCROP																none	see structure
KP1183	671620	6265436	9	OUTCROP																none	see structure
KP1191	670822	6264808	9	OUTCROP																none	see structure
KP1193	670715	6264840	9	OUTCROP																none	see structure
KP1206	671668	6264672	9	OUTCROP																none	see structure
KP1208	671772	6264672	9	OUTCROP																none	see structure
KP1213	671768	6265038	9	OUTCROP																none	see structure
KP1222	671612	6264624	9	OUTCROP																none	see structure
KP1223	671451	6264898	9	OUTCROP																none	see structure
KP1224	671361	6264759	9	OUTCROP																none	see structure
KP1227	670822	6264622	9	OUTCROP																none	see structure
KP1233	671582	6267229	9	OUTCROP																none	see structure
KP1256	671519	6265842	9	OUTCROP																none	see structure
KP2153	671113	6264988	9	OUTCROP																none	see structure
KP2213	671761	6265059	9	OUTCROP																none	see structure
KP2222	671507	6264934	9	OUTCROP																none	see structure
KP2224	671368	6264749	9	OUTCROP																none	see structure
KP3153	671118	6264888	9	OUTCROP																none	see structure
KPS222	671507	6264024	9	OUTCROP																none	see structure
LE0165	672101	6265588	9	OUTCROP	ANDESITE	ORANGE	fg	none	none	none	none	pervasive	veined	fract	mod	none	none	none	EPICLASTS	GRAB	Qtz/crb zone, abundant qz veinlets in all directions, carb fl, sheared chl
LE0166	672108	6265314	9	OUTCROP	CAIMONZ	MIDGREY	cg	none	none	none	none	none	none	none	none	none	none	none	LEUCOCRAT	GRAB	Qz eyes, elongate magnetic phenocrysts of Hb, Fe phenoc
PM0198	671371	6263118	9	OUTCROP	SEDS	ORANGE	mg	none	none	none	mod	mod	none	weak	none	none	none	none		none	Interbedded seds and tufts, form steep cliff, ank, ser pervasive
PM0197	671391	6263099	9	OUTCROP	ANDESITE	MIDGREY	fg	none	none	none	weak	mod	none	weak	week	none	tr	none	TUFF	none	Interbedded tufts and seds, predominantly tuft, ank perv
PM0198	671424	6263132	9	OUTCROP	ANDESITE	MIDGREEN	fg	none	none	none	weak	mod	none	mod	week	none	tr	none	TUFF	GRAB	ank present as rusty pits on c/o surface also along fl, py diss throughout
PM0199	671441	6263078	9	OUTCROP	ANDESITE	MIDGREEN	fg	none	none	none	weak	mod	none	weak	mod	none	tr	none	TUFF	none	
PM0200	671465	6263045	9	OUTCROP	SEDS	MIDGREY	fg	none	none	none	mod	mod	none	mod	none	none	2	none		GRAB	ank perv throughout, gives slight orange hue to ws, ser perv, py diss throughout
PM0201	671578	6263040	9	OUTCROP	ANDESITE	MIDGREEN	fg	none	none	none	weak	mod	none	mod	none	tr	none	TUFF	GRAB	chl perv, ser very weak, py diss ughou	
PM0202	671714	6263146	9	OUTCROP	ANDESITE	MIDGREY	fg	none	none	none	mod	mod	none	strong	none	none	tr	none	XTLT	none	ank and ser perv, general orange hue to chl, interbedded with seds?
PM0203	671746	6263063	9	OUTCROP	ANDESITE	DKGREEN	fg	none	none	none	none	weak	mod	none	strong	none	none	none	XTLT	none	ank bw within 5m patches of moderate ank
PM0204	671780	6262820	9	OUTCROP	ANDESITE	MIDGREEN	fg	none	none	none	weak	mod	none	mod	week	none	1	none	XTLT	GRAB	increased ank possibility due to scuttling fracture sets filled with qtz/carb vms
PM0205	671802	6263050	9	OUTCROP	ANDESITE	MIDGREEN	fg	none	none	none	mod	mod	none	weak	mod	none	tr	none	TUFF	none	
PM0206	671842	6263090	9	OUTCROP	ANDESITE	DKGREEN	fg	none	none	none	weak	none	none	strong	none	none	none	XTLT	none	weedy alt xl tuff with minor ank and interbedded ash tuff	
PM0207	671862	6263132	9	OUTCROP	ANDESITE	MIDGREEN	fg	none	none	none	weak	mod	none	mod	none	none	none	TUFF	none	thinly bedded possible sed with andesitic source?	
PM0208	671834	6263228	9	OUTCROP	SEDS	MIDGREY	fg	none	none	none	mod	mod	none	weak	mod	none	5	none	GRAB	random qtz/crb vms may explain increased ank, could be alt andesite py diss	
PM0209	671861	6263421	9	OUTCROP	ANDESITE	MIDGREEN	fg	none	none	none	weak	mod	mod	mod	none	none	none	TUFF	none	carb, chl perv, pods of bull white qtz up to 10cm wide, strike 120	
PM0210	671928	6263203	9	OUTCROP	ANDESITE	LTGREEN	fg	none	none	none	weak	mod	none	mod	week	none	2	none	XTLT	GRAB	alt more ank than surrounding, x-cut by thin qtz/crb vms, possibly inter w taf
PM0211	671622	6263245	9	OUTCROP	ANDESITE	MIDGREY	fg	none	none	none	weak	mod	none	mod	weak	none	1	none	TUFF	GRAB	highly alt ident diff could be sed overall orange hue, py diss throughout
PM0212	671509	6263148	9	OUTCROP	ANDESITE	MIDGREY	fg	none	none	none	mod	mod	none	mod	week	none	tr	none	TUFF	GRAB	and tuff inter with seds carb strong on fl
PM0213	671501	6263242	9	OUTCROP	ANDESITE	MIDGREY	fg	none	none	none	mod	mod	none	mod	none	none	none	TUFF	none	fairly unlit among alt s/c	
PM0214	671408	6262897	9	OUTCROP	ANDESITE	MIDGREY	fg	none	none	none	mod	mod	mod	mod	mod	none	none	TUFF	none	pods of sed within alt appear to be incorporated in the tuff fairly free	
PM0215	671509	6262878	9	OUTCROP	ANDESITE	LTGREEN	fg	none	none	none	mod	mod	none	mod	mod	none	none	TUFF	none	slightly more ank rich as you go west possibly due to subvert vms	
PM0216	671577	6262828	9	OUTCROP	ANDESITE	LTGREEN	fg	none	none	none	mod	mod	none	mod	mod	none	tr	none	GRAB	possibly inter s/c and tuff s/c face appears to follow bedding surface	
PM0217	671723	6262997	9	OUTCROP	ANDESITE	LTGREEN	fg	none	none	mod	mod	mod	mod	mod	mod	mod	tr	none	TUFF	GRAB	locally more intense ank due to subvert qtz/carb vms, possibly inter seds
PM0218	671741	6262899	9	OUTCROP	ANDESITE	MIDGREEN	fg	none	none	mod	mod	mod	mod	mod	mod	mod	tr	none	TUFF	none	thinly interbedded sand and tufts beds up to 1m thick, possibly alt and derived
PM0219	671757	6262996	9	OUTCROP	SEDS	MIDGREY	fg	none	none	mod	mod	mod	mod	mod	mod	mod	5	none	GRAB	possibly alt tuff bed, py diss blebs up to 5mm, carb perv	
PM0220	671737	6263018	9	OUTCROP	ANDESITE	WHITE	none	none	none	mod	mod	mod	mod	mod	mod	mod	none	none	TUFF	white chert layer within alt and tuff appears to follow strike n-e	
PM0221	671800	6263021	9	OUTCROP	ANDESITE	MIDGREEN	fg	none	none	mod	mod	mod	mod	mod	mod	mod	none	none	TUFF	chl rich relatively unlit alt andesite tuff	
PM0222	671958	6262842	9	OUTCROP	ANDESITE	DKGREEN	fg	none	none	mod	mod	mod	mod	mod	mod	mod	none	XTLT	none	strong, perv carb, interbedded with tuff	
PM0223	671914	6262951	9	OUTCROP	ANDESITE	MIDGREEN	fg	none	mod	mod	mod	mod	mod	mod	mod	mod	tr	none	TUFF	GRAB	alt locally highly alt along fracs
PM0224	671858	6262842	9	OUTCROP	ANDESITE	DKGREEN	fg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	none	TUFF	none	
PM0225	671861	6262851	9	OUTCROP	ANDESITE	LTGREEN	fg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	none	GRAB	prev presence of light green min Mn? localized areas of intense alt around vms	
PM0226	671858	6263008	9	OUTCROP	ANDESITE	LTGREEN	fg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	none	XTLT	none	localized area of moderate ank. Ank perv
PM0227	671859	6262941	9	OUTCROP	ANDESITE	MIDGREEN	fg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	none	XTLT	none	interbedded with lapilli tuff. Lapilli up to 4cm/2cm
PM0228	671867	6262825	9	OUTCROP	ANDESITE	MIDGREEN	fg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	none	XTLT	none	interbedded with tuff beds
PM0229	671916	6262842	9	OUTCROP	ANDESITE	MIDGREEN	fg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	none	TUFF	none	possibly interbedded with xl tuff, carb conc in vms, chl perv
PM0230	671839	6262830	9	OUTCROP	ANDESITE	MIDGREY	fg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	none	XTLT	none	ank and other carb perv
PM0231	671805	6262786	9	OUTCROP	ANDESITE	MIDGREY	fg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	none	TUFF	GRAB	ank, carb perv, interbedded with limy alt, thin qtz/crb vms at 120°/subvert
PM0232	671727	6262801	9	OUTCROP	ANDESITE	MIDGREY	fg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	none	TUFF	none	ank perv
PM0233	671805	6262847	9	OUTCROP	ANDESITE	LTGREY	mg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	none	GRAB	zone of alt within weakly alt s/c, could be sed bed, assoc w qtz/crb vms	
PM0234	671806	6262832	9	OUTCROP	ANDESITE	LTGREEN	fg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	none	TUFF	GRAB	random qtz/crb vms with alt envelopes, locally alt along length of s/c minor seds
PM0235	671593	6262900	9	OUTCROP	ANDESITE	LTGREEN	fg	none	mod	mod	mod	mod	mod	mod	mod	mod	mod	none	TUFF	GRAB	

NUMBER	LOCATIONX	LOCATIONY	LOCATIONZ	EXPOSURE	UNIT	COLOR	TEXTURE	HORNFELS	PROPYLIC	ARGILLIC	SERICITIC	ANKERTIC	SILICA	CARBONATE	CHLORITE	EPIDOTE	PYRITE	PYRRHO	LITHO	SAMPLETYPE	COMMENTS
PM0236	671509	6262673	9	OUTCROP	ANDESITE	MDGREY	fg	none	none	mod	mod	none	weak	none	none	none	none	none	TUFF	none	possibly interbedded with seds
PM0237	671505	6262629	9	OUTCROP	ANDESITE	MDGREEN	fg	none	none	none	weak	none	none	mod	none	tr	none	XTLTF	none	small pods of seds observed in tuff, relatively unsorted, interbedded with tuff	
PM0238	671425	6262633	9	OUTCROP	ANDESITE	MDGREEN	fg	none	none	none	weak	none	weak	mod	none	none	none	XTLTF	none	interbedded with tuff and pods of seds ark alt air around seds	
PM0239	671434	6262610	9	OUTCROP	SEDS	LTGREY	fg	none	none	none	none	strong	none	mod	none	none	none	1	none	GRAB	interbedded w alt xl tuffaceous with qtz/carb pod approx 1m x 0.5m
PM0240	671461	6262618	9	OUTCROP	ANDESITE	MDGREEN	fg	none	none	none	weak	none	mod	mod	mod	none	tr	none	XTLTF	none	interbedded w tuff and lepili uf, py present as small cubes
PM0241	671377	6262643	9	OUTCROP	SEDS	LTGREY	fg	none	none	none	weak	strong	none	mod	none	none	tr	none	SLTST	GRAB	minor qtz pebbles? present, interbedded with tuff in upper part of sc
PM0242	671388	6262742	9	OUTCROP	ANDESITE	MDGREY	fg	none	none	none	weak	strong	mod	mod	none	none	none	none	XTLTF	none	
PM0243	671477	6262725	9	OUTCROP	ANDESITE	MDGREY	fg	none	none	mod	mod	none	mod	none	none	tr	none	TUFF	GRAB	bend approx 20m wide of more ark alt material, within relatively unsort volc. sed?	
PM0244	671504	6262703	9	OUTCROP	ANDESITE	LTGREEN	fg	none	none	mod	strong	none	mod	none	none	tr	none	TUFF	GRAB	highly alt w v interbeds of sed	
PM0245	671642	6262536	9	OUTCROP	ANDESITE	MDGREEN	fg	none	none	weak	weak	none	weak	mod	none	none	none	TUFF	none	interbedded with xl tuff	
PM0246	671612	6262723	9	OUTCROP	ANDESITE	MDGREEN	fg	none	none	weak	weak	none	mod	mod	none	none	tr	none	XTLTF	GRAB	interbedded w tuff and lepili tuff
PM0247	671747	6262708	9	OUTCROP	ANDESITE	MDGREY	fg	none	none	mod	strong	none	mod	none	none	tr	none	SLTST	GRAB	interbedded w minor sed, sample may be highly alt sed, py diss	
PM0248	671825	6262800	9	OUTCROP	ANDESITE	DKGREY	fg	none	none	none	weak	mod	none	mod	mod	none	none	none	TUFF	none	interbedded w xl tuff
PM0249	671848	6262799	9	OUTCROP	ANDESITE	DKGREEN	fg	none	none	none	none	weak	none	mod	mod	none	none	none	XTLTF	none	
PM0250	671843	6262700	9	OUTCROP	ANDESITE	MDGREEN	fg	none	none	none	weak	mod	none	mod	weak	none	2	none	TUFF	GRAB	grab of qtz pod, pods up to 1m/40cm strong alt ark beds may be seds up to 10% py
PM0251	671917	6262656	9	OUTCROP	ANDESITE	LTGREY	fg	none	none	mod	strong	none	strong	none	none	tr	none	TUFF	GRAB	small cc of highly alt tuff with interbeds of sed?	
PM0252	671653	6262661	9	OUTCROP	ANDESITE	MDGREEN	fg	none	none	none	weak	mod	none	mod	weak	none	none	XTLTF	none	increased alt due to qtz/carb vns	
PM0253	671411	6262702	9	OUTCROP	ANDESITE	LTGREY	fg	none	none	mod	strong	none	weak	none	none	tr	none	TUFF	GRAB	appears interbedded w xl tuff and possibly seds	
PM0254	671368	6262634	9	OUTCROP	ANDESITE	LTGREY	fg	none	none	mod	strong	none	none	none	none	none	none	XTLTF	none	interbedded w tuffs, may also have interbedded seds, highly altered	
PM0255	671540	6262644	9	OUTCROP	ANDESITE	LTGREEN	fg	none	none	none	weak	mod	none	mod	mod	none	none	TR	none	GRAB	qtz/carb vns within andesite, rusty on ws, random orientation.
PM0256	671594	6262617	9	OUTCROP	ANDESITE	MDGREEN	fg	none	none	none	weak	mod	none	mod	mod	none	none	TUFF	none	interbedded w xl tuff	
PM0257	671402	6262457	9	OUTCROP	ANDESITE	DKGREEN	fg	none	none	none	weak	mod	strong	none	none	none	none	TUFF	none	as above, moving out of alt	
PM0258	671276	6262542	9	OUTCROP	ANDESITE	MDGREEN	fg	none	none	none	weak	mod	mod	mod	weak	none	none	TUFF	none	interbedded with xl tuff	
PM0259	671260	6262564	9	OUTCROP	ANDESITE	LTGREY	fg	none	none	mod	strong	none	weak	none	none	none	none	TUFF	none	as above	
PM0260	671507	6262526	9	OUTCROP	ANDESITE	LTGREY	fg	none	none	mod	strong	none	weak	none	none	tr	none	TUFF	GRAB	qtz vns in strongly altered andesite, vns random orientation, up to 10cm thick	
PM0261	671217	6262590	9	OUTCROP	ANDESITE	ORANGE	fg	none	none	mod	strong	none	mod	none	mod	none	3	none	GRAB	interbedded tuffs and seds? sample may contain both rk types	
PM0262	671191	6262518	9	OUTCROP	ANDESITE	MDGREEN	fg	none	none	none	weak	mod	mod	mod	mod	none	XTLTF	none	interbedded tuffs and xl tuff locally ark ranges to mod intense		
PM0263	671179	6262501	9	OUTCROP	ANDESITE	MDGREEN	fg	none	none	none	weak	mod	strong	none	tr	none	XTLTF	none	interbedded with tuffs		
PM0264	670777	6262512	9	OUTCROP	ANDESITE	MDGREEN	fg	none	none	mod	weak	none	mod	mod	mod	mod	none	XTLTF	none	as above	
PM0265	671044	6262553	9	OUTCROP	ANDESITE	MDGREEN	fg	none	none	mod	mod	mod	mod	strong	none	none	none	XTLTF	none	possibly ranging to lepili tuff, lepili up to 30cm or more observed	
PM0266	671862	6262510	9	OUTCROP	ANDESITE	MDGREEN	fg	none	none	mod	mod	mod	mod	mod	mod	none	XTLTF	none	locally ark only weakly intense, limy seds taken up in tuff.		
PM0267	671853	6262461	9	OUTCROP	ANDESITE	MDGREEN	fg	none	none	mod	mod	mod	mod	mod	mod	2	none	TUFF	GRAB	locally ark moderately intense, interbedded with tuffs	
PM0268	671927	6262425	9	OUTCROP	ANDESITE	MDGREEN	fg	none	none	mod	mod	mod	mod	mod	mod	mod	none	TUFF	GRAB	py diss throughout, locally patches of mod ark evident	
PM0269	671859	6262428	9	OUTCROP	ANDESITE	LTGREY	fg	none	none	mod	mod	mod	mod	mod	mod	mod	none	TUFF	none	interbedded with tuffs	
PM0270	671979	6262444	9	OUTCROP	ANDESITE	MDGREEN	fg	none	none	mod	mod	mod	mod	mod	mod	mod	none	TUFF	none	as above	
PM0271	671904	6262513	9	OUTCROP	ANDESITE	LTGREEN	fg	none	none	mod	strong	mod	mod	mod	mod	mod	none	XTLTF	none	as above	
PM0272	671770	6263303	9	OUTCROP	ANDESITE	DKGREEN	fg	none	none	mod	mod	mod	mod	mod	mod	mod	1	1	XTLTF	GRAB	
PM0273	671727	6263473	9	OUTCROP	ANDESITE	MDGREEN	fg	none	none	mod	mod	mod	mod	mod	mod	mod	none	XTLTF	GRAB		
PM0274	671718	6263524	9	OUTCROP	ANDESITE	LTGREY	fg	none	none	mod	strong	none	mod	none	tr	none	XTLTF	GRAB	rusty, orange colored surface		
PM0275	671135	6263440	9	OUTCROP	ANDESITE	MDGREEN	fg	none	none	mod	mod	mod	mod	mod	mod	mod	none	XTLTF	GRAB	slight-feld phryc, surrounding soil buff brwn color	
PM0276	671103	6263467	9	OUTCROP	ANDESITE	MDGREEN	fg	none	none	mod	mod	mod	mod	mod	mod	mod	none	TUFF	GRAB	locally ark mod intense, interbedded with xl tuff	
PM0277	671083	6263453	9	OUTCROP	ANDESITE	MDGREEN	fg	none	none	mod	mod	mod	mod	mod	mod	mod	none	TUFF	GRAB	interbedded with xl tuff, soil is a rusty brwn color	
PM0278	671343	6263540	9	OUTCROP	ANDESITE	MDGREY	fg	none	none	mod	strong	none	mod	mod	mod	mod	tr	none	TUFF	GRAB	possibly interbedded tuffs and seds, alt makes ident diff, ark perv, soil rusty
PM0279	671365	6263406	9	OUTCROP	ANDESITE	MDGREY	fg	none	none	mod	strong	none	mod	mod	mod	mod	tr	none	XTLTF	GRAB	composite across 1m of bedding, possibly interbedded tuffs and seds? ark perv
PM0280	671353	6263361	9	OUTCROP	SEDS	MDGREY	fg	none	none	mod	strong	none	mod	mod	mod	mod	none	none	GRAB	seds interbedded with tuffs, tuffs may be dominant alt makes it diff to tell	
PM0281	671358	6263339	9	OUTCROP	SEDS	MDGREY	fg	none	none	mod	strong	strong	mod	mod	mod	mod	none	GRAB	alt intensity depends on bed composition		
PM0282	671362	6263310	9	OUTCROP	SEDS	DKGREY	fg	none	none	mod	strong	mod	mod	mod	mod	mod	1	tr	none	GRAB	sample fr east bed thick unit of tuffs on top
PM0283	671355	6263126	9	OUTCROP	SEDS	MDGREY	fg	none	none	mod	strong	mod	mod	mod	mod	mod	none	TR	GRAB	composite over 1m wide see? bed, could be highly alt tuff, recognizable and abv	
PM0284	671352	6263114	9	OUTCROP	SEDS	MDGREY	fg	none	none	mod	strong	mod	mod	mod	mod	mod	tr	tr	GRAB	py diss throughout, composite over 0.5m wide sed? bed	
PM0285	671341	6262960	9	OUTCROP	ANDESITE	LTGREEN	fg	none	none	mod	strong	none	mod	mod	mod	mod	4	none	GRAB	py concern along trace and qtz vns up to 4mm wide, could be a sed	
PM0286	671314	6262673	9	OUTCROP	ANDESITE	LTGREY	fg	none	none	mod	strong	none	mod	mod	mod	mod	tr	tr	GRAB	intense alt makes ident difficult	
PM0287	671246	6262693	9	OUTCROP	ANDESITE	LTGREEN	fg	none	none	mod	strong	mod	mod	mod	mod	mod	none	GRAB	may contain interbedded tuffs		
PM0288	671208	6262617	9	OUTCROP	ANDESITE	MDGREEN	fg	none	none	mod	mod	mod	mod	mod	mod	mod	tr	none	TUFF	GRAB	RANDOMLY ORIENTED CITZ/CARB VNS PRESENT THROUGHOUT UP TO 1CM WIDE
PM0289	672228	6266306	9	TALUS	ANDESITE	DKGREY	fg	none	none	mod	mod	mod	mod	mod	mod	mod	none	GRAB	buff to rust colored bdrks among chl rich andesite tuff bdrks. bdrk 60cmx40cm		
PM0290	672245	6266416	9	OUTCROP	SEDS	WHITE	massive	none	none	mod	strong	mod	mod	mod	mod	mod	mod	tr	GRAB	cerb/grey vns in a 0.5m wide sheet zone, strong to carb rust, well rk and tuff	
PM0291	672205	6266459	9	OUTCROP	ANDESITE	MDGREEN	fg	none	none	mod	mod	mod	mod	mod	mod	mod	tr	GRAB	rusty on ws, banding comp appears to influence strength of rust		
PM0292	671937	6266463	9	OUTCROP	SEDS	DKGREY	fg	none	none	mod	mod	mod	mod	mod	mod	mod	none	GRAB	seeds from andesite source		
PM0293	671808	6266536	9	OUTCROP	ANDESITE	DKGREEN	fg	none	none	mod	mod	mod	mod	mod	mod	mod	none	TUFF	predominantly tuffaceous etc with minor interbedded seds		
PM0294	671773	6266507	9	TALUS	SEDS	DKGREY	fg	none	none	mod	mod	mod	mod	mod	mod	mod	2	GRAB	tr galena in qtz/carb veined bdrk sample consists of entire cobble		
PM0295	671720	6266635	9	TALUS	SEDS	DKGREY	fg	none	none	mod	mod	mod	mod	mod	mod	mod	2	GRAB	angular talus bdrk 30cmx20cm, py concentrated in qtz/carb vns		
PM0296	671574	6266707	9	TALUS	SEDS	DKGREY	fg	none	none	mod	mod	mod	mod	mod	mod	mod	tr	GRAB	rusty cobble with py and po concentrated in qtz/carb vns		

NUMBER	LOCATIONX	LOCATIONY	LOCATIONZ	EXPOSURE	UNIT	COLOR	TEXTURE	HORNFELS	PROPYLITE	ARGILLIC	SERICITIC	ANKERITIC	SILICA	CARBONATE	CHLORITE	EPIDOTE	PYRITE	PYRRHO	LITHO	SAMPLETYP	COMMENTS
PM0313	671440	6268925	9	OUTCROP	SEDS	ORANGE	fg	none	none	none	strong	strong	none	strong	none	none	1 none		GRAB	perv carb,seri, py diss throughout, extreme orange weathered surface	
PM0314	671423	6268947	9	OUTCROP	SEDS	ORANGE	fg	none	none	none	strong	strong	none	none	none	tr	none		GRAB	as above	
PM0315	682112	6266226	9	TALUS	ANDESITE	DKGREEN	fg	none	weak	none	none	none	none	mod	weak	none	none	XTLTF	none	Bds show wkt, patchy prop alt. Feld phryc mixed with dior bds.	
PM0316	682229	6266152	9	OUTCROP	ANDESITE	MDGREEN	fg	none	weak	none	none	none	none	none	mod	weak	tr	tr	XTLTF	GRAB	Feldspat phryc, gr blebs thru-out
PM0318	682790	6266380	9	OUTCROP	ANDESITE	MDGREEN	fg	none	weak	none	none	none	none	none	mod	weak	none	XTLTF	none	Aug/Held phryc	
PM0319	683019	6265254	9	TALUS	ANDESITE	MDGREEN	fg	none	weak	none	none	none	none	none	mod	weak	2 none	XTLTF	GRAB	Rust on ft. py diss.	
PM0320	683197	6265351	9	OUTCROP	DIOR	LTGREY	mg	none	weak	none	none	none	none	weak	weak	weak	none	none		GRAB	Ep conc on ff
PM0320	683203	6266442	9	OUTCROP	DIOR	LTGREY	mg	none	mod	none	none	none	none	weak	weak	mod	none	none		GRAB	Epid ff and in veins. Potassio clin parv
PM0320	683210	6266494	9	OUTCROP	ANDESITE	MDGREEN	fg	none	mod	none	none	none	none	mod	mod	none	none	XTLTF	none	Epid in veins	
PM0321	683218	6266548	9	OUTCROP	FEUDOR	MDGREEN	mg	none	mod	none	none	none	none	mod	weak	mod	none	none		GRAB	Epid on ff and in veins
PM0322	683178	6266577	9	OUTCROP	DIOR	LTGREY	mg	none	weak	none	none	none	none	weak	none	weak	none	none		GRAB	Rifted block of veins within dior
PM0323	683056	6266598	9	OUTCROP	ANDESITE	MDGREEN	fg	none	mod	none	none	none	none	mod	mod	none	none	XTLTF	none	Possible perv ent. alt. Co conc in veins and on ff. Altin due to multiple fracs	
PM0324	6826564	6266640	9	OUTCROP	DIOR	LTBROWN	mg	none	none	none	none	none	strong	none	none	none	none		GRAB	1.5cm wide qtz vn filling frac	
PM0326	670919	6267470	9	OUTCROP	gtzvn	ORANGE	massive	none	none	none	mod	veined	veined	weak	none	tr	none		GRAB	3cm qtzcarb filling frac	
PM0327	670942	6267473	9	OUTCROP	gtzvn	WHITE	massive	none	none	none	none	veined	veined	weak	none	none	none		GRAB	Intersecting joint set, 120°st/78°d other 360°near vert	
PM0328	670990	6267473	9	OUTCROP	ANDESITE	DKGREEN	fg	none	none	none	weak	none	none	mod	none	tr	none	TUFF	GRAB	1.5cm wide qtz vn filling frac	
PM0329	671046	6267472	9	OUTCROP	gtzvn	ORANGE	massive	none	none	mod	veined	veined	none	none	none	none	none		GRAB	5cm qtz vn filling frac	
PM0330	671088	6264833	9	OUTCROP	gtzvn	ORANGE	massive	none	none	mod	veined	veined	none	none	none	none	none		GRAB	1.5cm wide qtz vn filling frac	
PM0331	671194	6264891	9	OUTCROP	gtzvn	ORANGE	massive	none	none	mod	veined	veined	none	none	none	none	none		GRAB	1.5cm wide qtz vn fracture filled cross cut by frac set 44st/80d	
PM0332	671344	6264955	9	OUTCROP	gtzvn	ORANGE	massive	none	none	mod	strong	veined	veined	none	none	none	none		GRAB	4cm w gtzvn frac filling x-cut by frac set strike 31/00	
PM0337	671367	6264983	9	OUTCROP	gtzvn	ORANGE	massive	none	none	mod	veined	veined	none	none	none	none		GRAB	3cm wide qtz filling frac		
PM0338	671437	6265015	9	OUTCROP	gtzvn	ORANGE	massive	none	none	mod	veined	veined	none	none	none	none		GRAB	5cm qtz carb vn		
PM0339	671518	6265055	9	OUTCROP	gtzvn	WHITE	massive	none	none	mod	veined	veined	none	none	none	none		GRAB	4cm wide qtz vn x-cut by frac set 25/80		
PM0400	671587	6265076	9	OUTCROP	gtzvn	WHITE	massive	none	none	mod	veined	veined	none	none	none	none		GRAB	2cm wide qtz vn x-cut by frac set 25/80		
PM0401	671570	6265107	9	OUTCROP	gtzvn	YELLOW	massive	none	none	mod	veined	veined	none	none	none	none		GRAB	1cm wide qtz vn filling fracture		
PM0402	671828	6265218	9	OUTCROP	gtzvn	ORANGE	massive	none	none	mod	strong	veined	veined	none	none	none		GRAB	.5cm wide qtz vn filling frac		
PM0403	671818	6265439	9	OUTCROP	gtzvn	ORANGE	massive	none	none	mod	strong	veined	veined	none	none	tr	none	GRAB	1cm wide qtz vn filling frac		
PM0404	671768	6265428	9	OUTCROP	gtzvn	WHITE	massive	none	none	mod	weak	veined	veined	none	none	none		GRAB	2cm wide vn on frac face		
PM0405	671679	6265408	9	OUTCROP	gtzvn	WHITE	massive	none	none	mod	weak	veined	veined	none	none	tr	none	GRAB	2cm wide vn on ff		
PM0406	671807	6265370	9	OUTCROP	gtzvn	WHITE	massive	none	none	mod	weak	veined	veined	none	none	none		GRAB	as above		
PM0407	671460	6265339	9	OUTCROP	gtzvn	WHITE	massive	none	none	mod	weak	veined	veined	none	none	none		GRAB	1.5cm wide vn on ff cutting bedding		
PM0408	671399	6265308	9	OUTCROP	gtzvn	WHITE	massive	none	none	mod	weak	veined	veined	none	none	none		GRAB	as PM0404		
PM0409	671330	6265278	9	OUTCROP	gtzvn	WHITE	massive	none	none	mod	veined	veined	none	none	none	none		GRAB	as above		
RL0030	671771	6265904	9																GRAB		
RL0031	671710	6265907	9																GRAB		
RL0036	671747	6265362	9																GRAB		
RL0037	671714	6265347	9																GRAB		
RL0040	671522	6265248	9																GRAB		
RL0041	671458	6265214	9																GRAB		
RL0200	670740	6264833	9	OUTCROP	SEDS	WHITE	none	none	none	none	none	none	veined	weak	none	none	1 none	EPICLASTS	CHIP	QV,2m,10m in length	
RL0201	670652	6264913	9	OUTCROP	SEDS	WHITE	none	none	none	none	none	veined	none	none	none	tr	none	EPICLASTS	CHIP	QV,1m,rusty,varying thickness,97m in length	
RL0202	670762	6264860	9	OUTCROP	SEDS	WHITE	none	none	none	none	none	veined	none	none	tr	none	EPICLASTS	CHIP	QV,2m,pod of qtz		
RL0203	670643	6264904	9	OUTCROP	SEDS	WHITE	none	none	none	none	none	veined	weak	none	none	tr	none	EPICLASTS	CHIP	QV,2m,carbonate alt in qv,15m length	
RL0204	670663	6265129	9	OUTCROP	SEDS	WHITE	none	none	none	none	none	veined	none	none	none	tr	none	EPICLASTS	CHIP	QV,1m,41m long,rusty	
RL0205	670663	6264849	9	OUTCROP	SEDS	MDGREEN	vfg	none	weak	none	mod	weak	strong	mod	mod	none	2 none	EPICLASTS	CHIP	cubic py parv, qz cutting qz, carb in veins 2m chip	
RL0206	670664	6264846	9	OUTCROP	SEDS	MDGREEN	fg	none	weak	none	mod	weak	strong	mod	mod	none	2 none	EPICLASTS	CHIP	py parv, red we, qz & carb,3m	
RL0207	670663	6264877	9	OUTCROP	SEDS	LTBROWN	fg	none	weak	weak	mod	weak	strong	none	none	2 none	EPICLASTS	CHIP	py parv, red we, qz & carb,3m		
RL0208	670672	6264902	9	OUTCROP	SEDS	MDBROWN	fg	none	none	mod	weak	mod	weak	strong	none	1 none	EPICLASTS	CHIP	fine grnd py parv,alc blchd, carb parv, ank parv,qtz vnlts,2.5m		
RL0209	670671	6264900	9	OUTCROP	SEDS	LTBROWN	fg	none	none	mod	strong	mod	mod	none	none	2 none	EPICLASTS	CHIP	py parv & cubic, carb veins,ank rim, 2.5m		
RL0210	670667	6264868	9	OUTCROP	SEDS	LTBROWN	fg	none	none	mod	strong	mod	mod	none	none	2 none	EPICLASTS	CHIP	red we, ank intense,3m		
RL0211	670777	6264828	9	OUTCROP	SEDS	fg	none	none	none	mod	mod	mod	mod	none	none	1 none	EPICLASTS	CHIP	py parv qtz vnlts,2m		
RL0212	670760	6264840	9	OUTCROP	SEDS	LTGREY	fg	none	weak	none	mod	weak	mod	mod	none	2 none	EPICLASTS	CHIP	py parv,carb parv,3m		
RL0213	670765	6264838	9	OUTCROP	SEDS	MDGREEN	fg	none	mod	none	mod	mod	mod	mod	none	1 none	EPICLASTS	CHIP	py parv,carb parv,3m		
RL0214	670764	6264840	9	OUTCROP	SEDS	MDGREEN	fg	none	mod	none	mod	mod	mod	mod	none	1 none	EPICLASTS	CHIP	red we, carb parv py parv,2.5m		
RL0215	670766	6264827	9	OUTCROP	SEDS	MDGREEN	fg	none	weak	none	strong	weak	strong	weak	none	3 none	EPICLASTS	GRAB	py parv & conc on fms, fuchsite, qtz vnlng,carb parv & in vnlts		
RL0216	670762	6264844	9	OUTCROP	SEDS	RED	fg	none	none	none	strong	weak	strong	none	none	2 none	EPICLASTS	CHIP	carb,ank, & qtz vnlng,py parv,2.5m		
RL0217	670675	6264901	9	OUTCROP	SEDS	WHITE	none	none	none	none	veined	none	none	none	tr	none	EPICLASTS	none	QV		
RL0218	670610	6264866	9																		
RL0219	670775	6264841	9	OUTCROP	SEDS	WHITE	none	none	none	none	none	veined	none	none	none	tr	none	EPICLASTS	none	QV	

**APPENDIX III**  
**STATEMENT OF COSTS**

**NORANDA EXPLORATION COMPANY, LIMITED**  
**STATEMENT OF COSTS**

PROJECT: MARIPOSITE

DATE: NOVEMBER 1994

TYPE OF REPORT: GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL/LINECUTTING

a) **Wages:**

No. of Mandays :	81 mandays	
Rate per Manday:	\$190.00/manday	
Dates From :	July 20 to September 17, 1994	
Total Wages :	81 mandays x \$190.00/manday	\$15,390.00

b) **Food & Accommodations:**

No. of Mandays :	81 mandays	
Rate per Manday:	\$25.69/manday	
Dates From :	July 20 to September 17, 1994	
Total Costs :	81 mandays x \$25.69/manday	\$2,081.00

c) **Transportation: (Truck and Gas including Heating Fuel)**

No. of Mandays :	81 mandays	
Rate per Manday:	\$27.32/manday	
Dates From :	July 20 to September 17, 1994	
Total Costs :	81 mandays x \$27.32/manday	\$2,213.00

d) **Camp Supplies:** \$465.00

e) **Analysis:** 717 Soils, 195 Rocks  
(See attached schedule) \$12,819.60

f) **Cost of Preparation of Report:**

Author :	5 mandays @ \$260.00/manday	\$1,200.00
Drafting:	4 mandays @ \$200.00/manday	\$800.00
Typing :	2 mandays @ \$180.00/manday	\$360.00

g) Other: Helicopter

**Contractor:** Pacific Western Helicopters Ltd.  
13.9 hours @ \$702.00/hour including fuel \$9,757.80

**h) Other: Magnetometer Survey**

**Contractor:** Peter Walcott & Associates Ltd.  
29.05 line km \$4,492.64

**TOTAL COST** \$49,679.04

### i) Unit Costs for Linecutting:

**No. of Mandays** : 24 mandays  
**No. of Units** : 32.4 line km  
**Unit Costs** : \$295.99/line km  
**Total Cost** : \$32.4 line km x \$295.99/line km \$9,590.16

### i) Unit Costs for Geochem:

No. of Mandays :	19 mandays
No. of Units :	912 samples
Unit Costs :	\$23.38/sample
Total Cost :	912 samples x \$23.38/sample

**k) Unit Costs for Geology:**

**No. of Mandays :** 38 mandays  
**No. of Units :** 38 mandays  
**Unit Costs :** \$399.59/manday  
**Total Cost :** 38 mandays x \$399.59/manday \$15,184.42

#### **1) Unit Costs for Geophysics:**

**No. of Mandays** : 6 mandays  
**No. of Units** : 29.05 line km  
**Unit Costs** : \$154.65/line km  
**Total Cost** : 29.05 line km x \$154.65/line km \$4,492.64

**GRAND TOTAL** \$49,679.04

**NORANDA EXPLORATION COMPANY, LIMITED**

**DETAILS OF ANALYSIS COSTS**

**PROJECT: Mariposite**

<b>ELEMENT</b>	<b>NO. OF DETERMINATIONS</b>	<b>COST PER DETERMINATION</b>	<b>TOTAL COSTS</b>
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ICP (30 Element) + Geochem Au	717 Soils	\$13.80	\$9,894.60
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ICP (30 Element) + Geochem Au	195 Rocks	\$15.00	<u>\$2,925.00</u>
			\$12,819.60

**APPENDIX IV**  
**STATEMENT OF QUALIFICATIONS**

**STATEMENT OF QUALIFICATIONS**

I, D. Graham Gill of the City of Vancouver, Province of British Columbia, hereby certify  
that:

I am a geologist residing at 5442 - 7th Avenue, Delta, B.C.

I have graduated from the University of British Columbia in 1983 with a BSc in geology.

I have worked in mineral exploration since 1979.

I have been a temporary employee with Noranda Exploration Company, Limited since  
May, 1983 and a permanent employee since November 1987.

I am a member in good standing of the Professional Engineers & Geoscientist of British  
Columbia.



D. H. Gill  
D. Graham Gill, P.Geo.

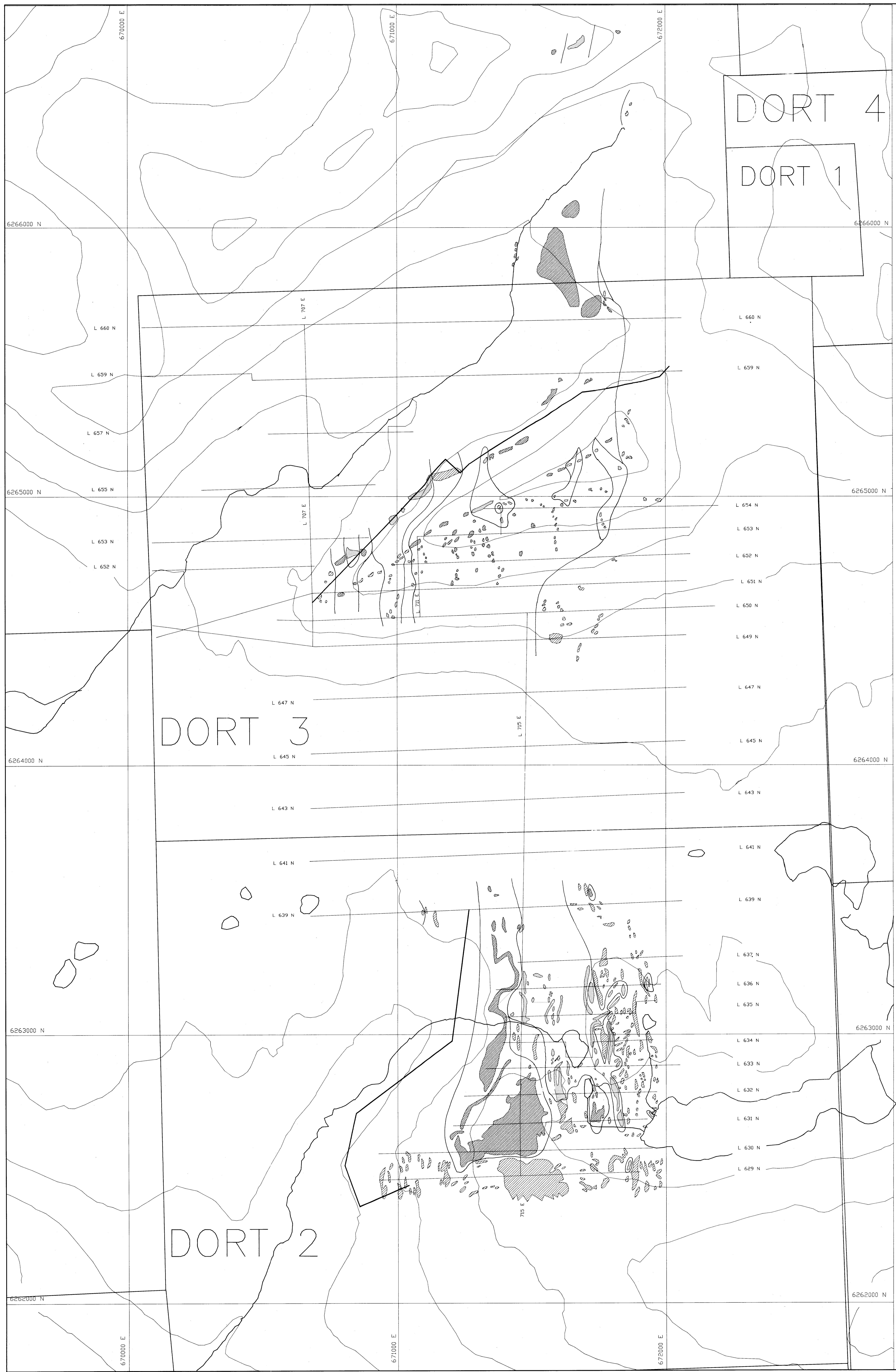
## **STATEMENT OF QUALIFICATIONS**

I, Kenneth A. Robertson, of the City of Delta, Province of British Columbia, hereby certify that:

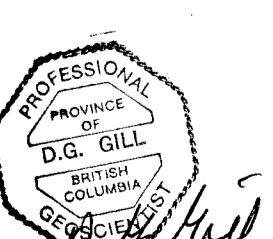
1. I am a Professional Geophysicist residing at 7540 Garfield Drive, Delta, B.C. V4C 7L4.
2. I have graduated from the University of Toronto in 1977 with an H.B.Sc. in Geology and Physics.
3. I have worked in mineral exploration since 1975.
4. I have been a permanent employee of Noranda Exploration Company, Limited since February 1984.
5. I am a member in good standing of the Professional Engineers and Geoscientists of British Columbia.

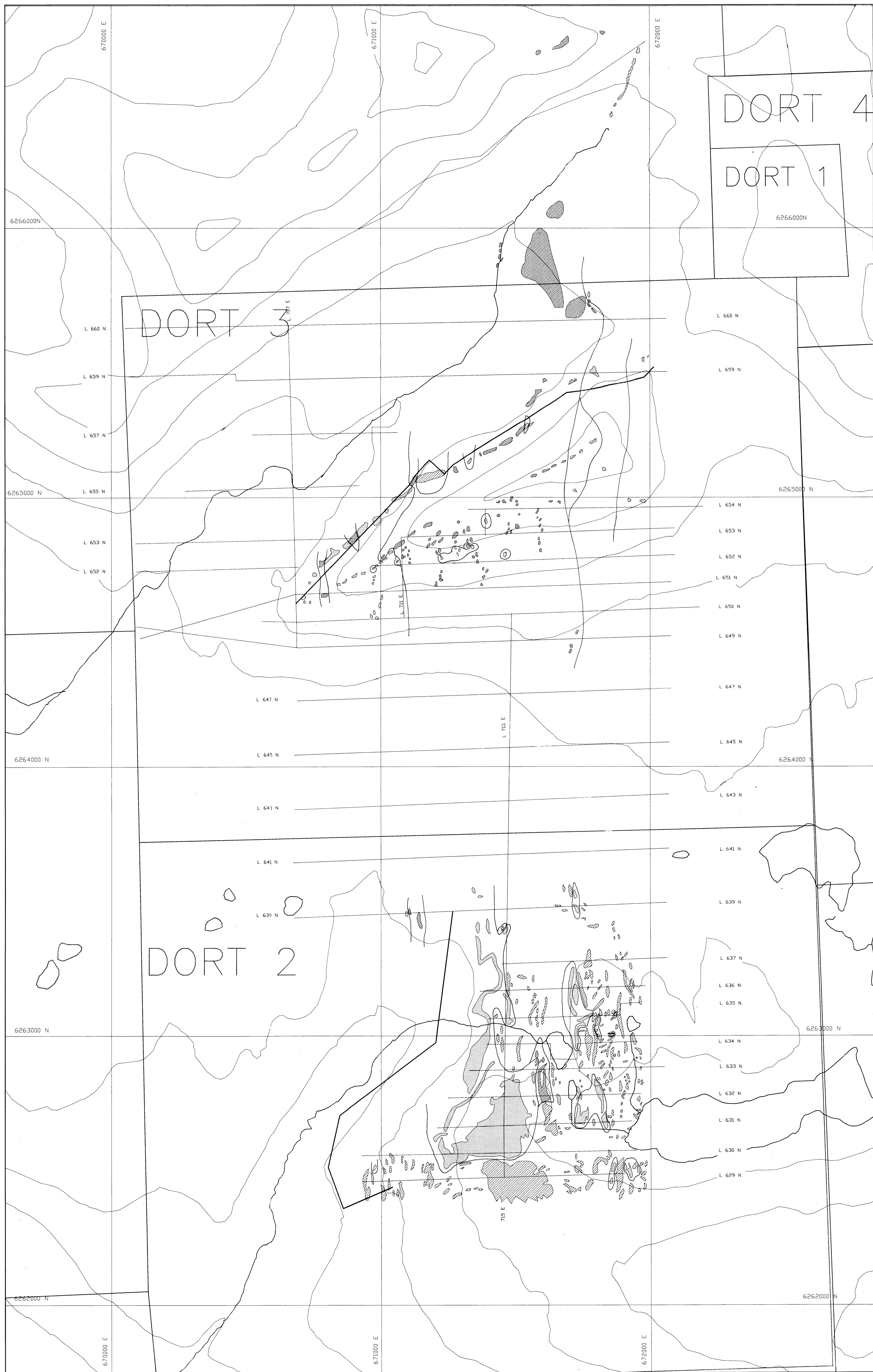


Kenneth A. Robertson  
Kenneth A. Robertson, P.Geo.



REVISED	MARIPOSITE PROPERTY		
ANKERITE ALTERATION			
PROJ No. 549	SURVEY BY: C.GILL	DATE: NOV.15.1994	
N.T.S. 940/5.9	DRAWN BY: C.GILL	SCALE: 1:5000	
DWG No. 4			
NORANDA EXPLORATION OFFICE: VANCOUVER			





ALTERATION

- WEAK
- MODERATE
- STRONG

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

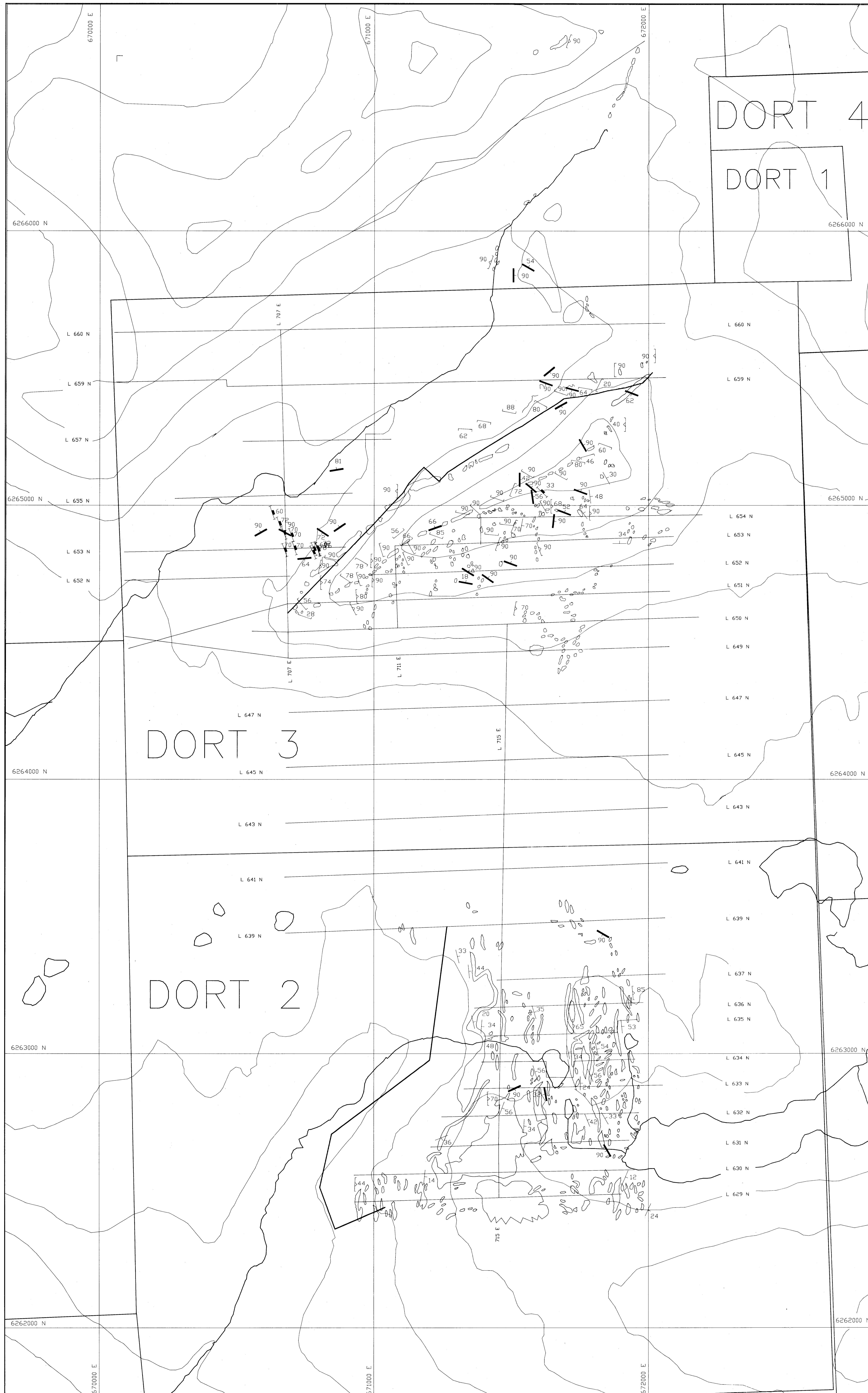
**23,682**

100 50 0 100 200 300 400M.

REVISED	MARIPOSITE PROPERTY	
	SERICITIC ALTERATION	
PROJ. No. 549	SURVEY BY G.GILL	DATE NOV.15,1994
N.T.S. 94D/8,9	DRAWN BY G.GILL	SCALE 1:5000
DWG. No. 5		

NORANDA EXPLORATION  
OFFICE: VANCOUVER

*[Handwritten signature over stamp]*



### STRUCTURE & GEOLOGY

- FOLIATION
- / FRACTURE/JOINT
- ✗ VEIN
- BEDDING

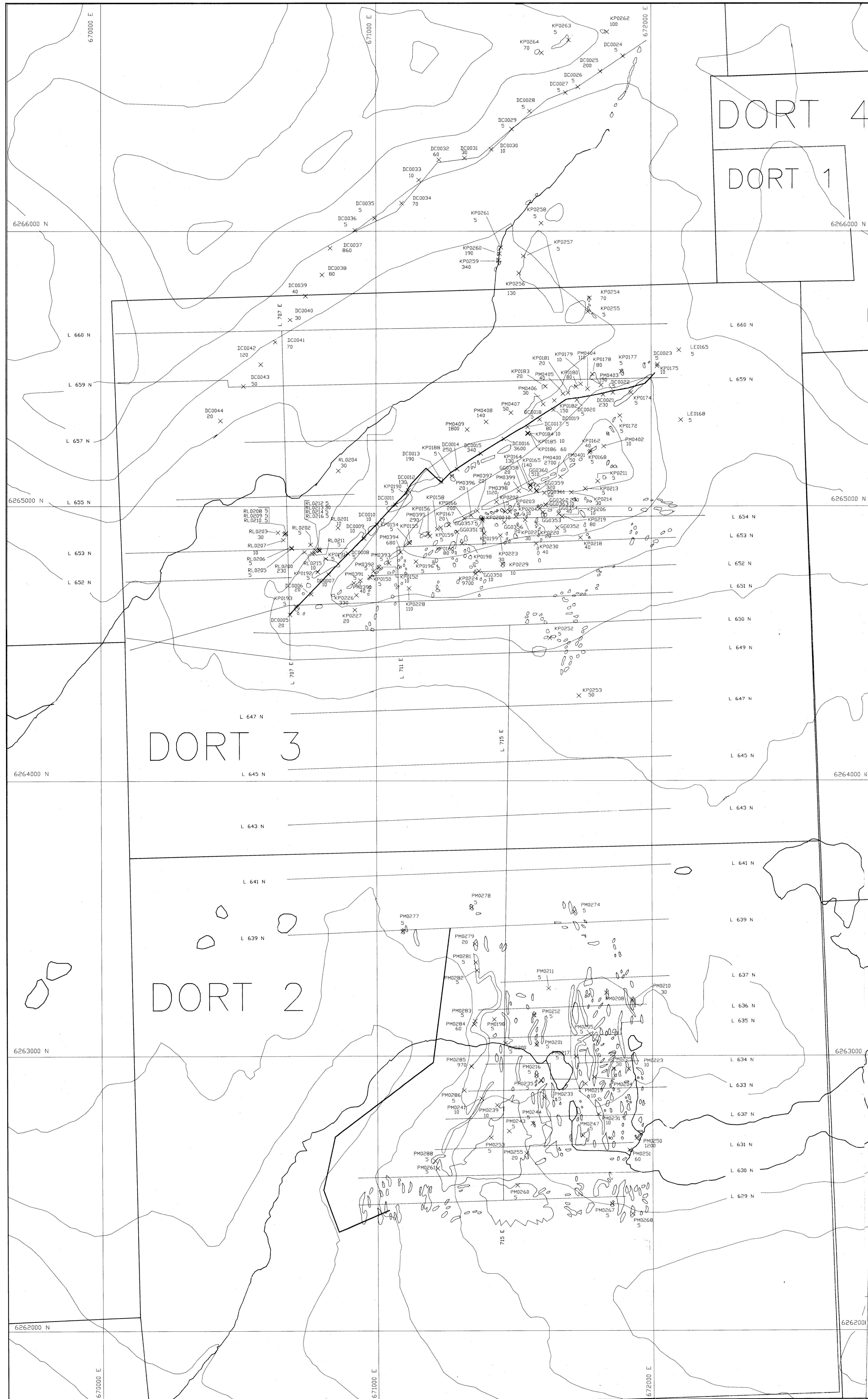
### GEOLOGICAL BRANCH ASSESSMENT REPORT

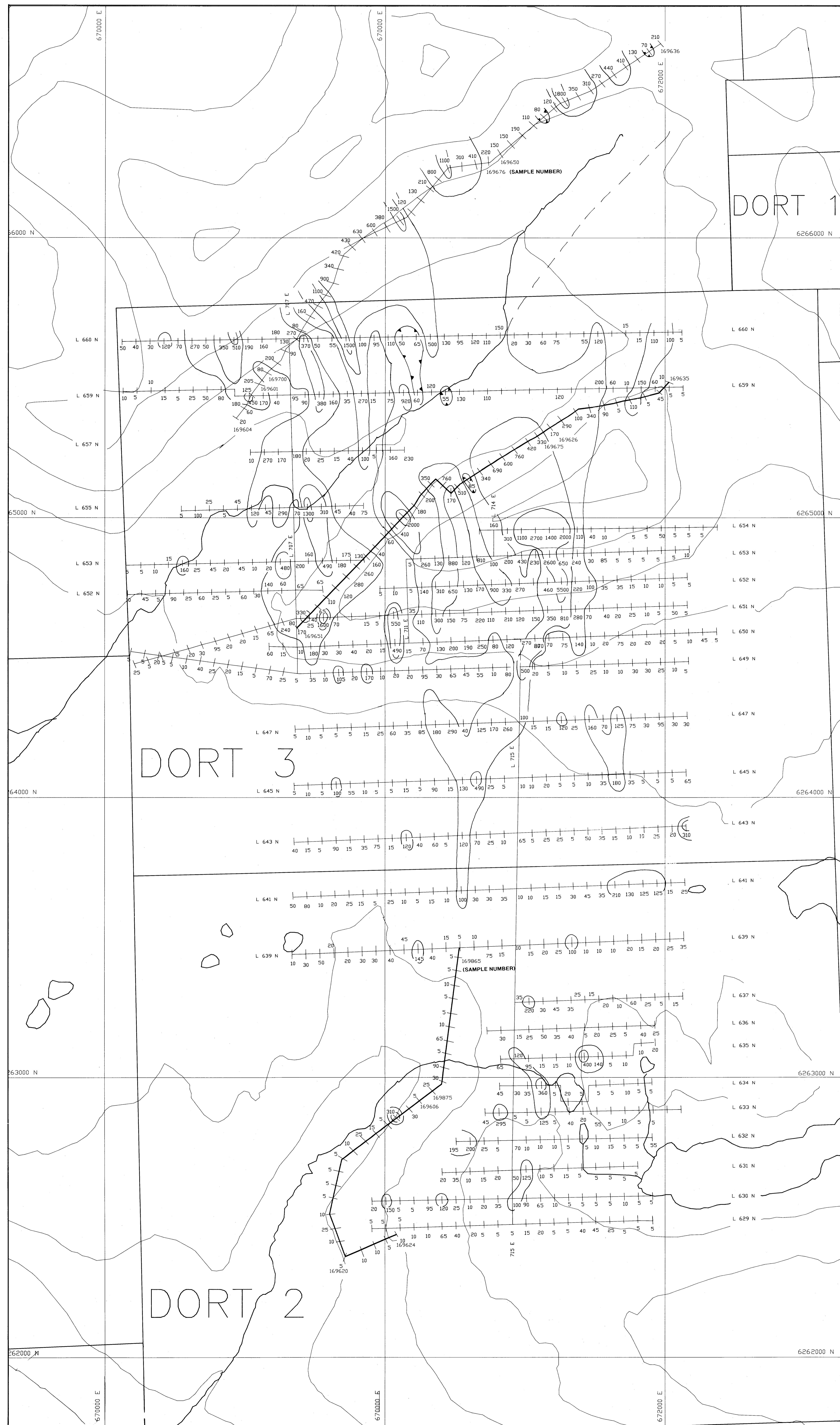
**23,682**

100 50 0 100 200 300 400M.



REVISED		MARIPOSITE PROPERTY	
GEOLOGY			
PROJ. No. 543	SURVEY BY C.GILL	DATE NOV. 15, 1994	
N.T.S. 94D/8.9	DRAWN BY C.GILL	SCALE 1:5000	
DWG No. 6			
			NORANDA EXPLORATION OFFICE: VANCOUVER

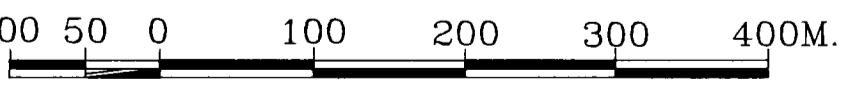




# **G E O L O G I C A L B R A N C H A S S E S S M E N T R E P O R T**

**23,682**

**100ppb, 300ppb, 1000ppb CONTOUR INTERVALS**



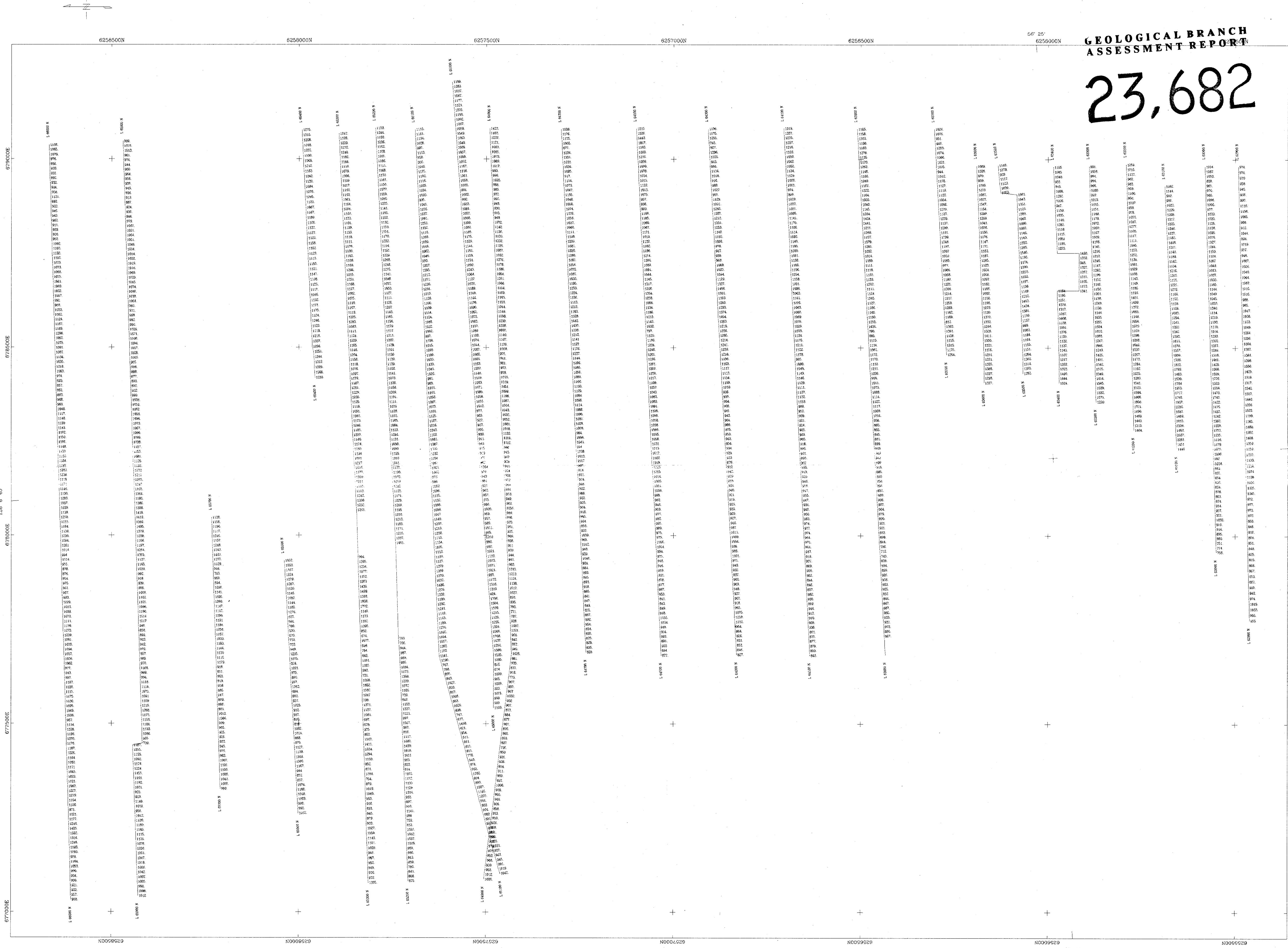
REVISED	MARIPOSITE PROPERTY
	GOLD IN SOILS(ppb)
PROJ. No.	549
N.T.S.	94D/8,9
DWG No.	8
SURVEY BY:	G.GILL
DRAWN BY:	G.GILL
DATE:	NOV.15,1994
SCALE:	1:5000
NORANDA EXPLORATION	
OFFICE: VANCOUVER	

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

23,682

Datum of 57,000 nT  
Subtracted from  
readings.

Surveyed by WALCOTT & ASSOC.  
SEPTEMBER 1994



Scale 1:5000  
0 100 200 300  
(meters)  
0 250 500 750 1000 1250  
(feet)

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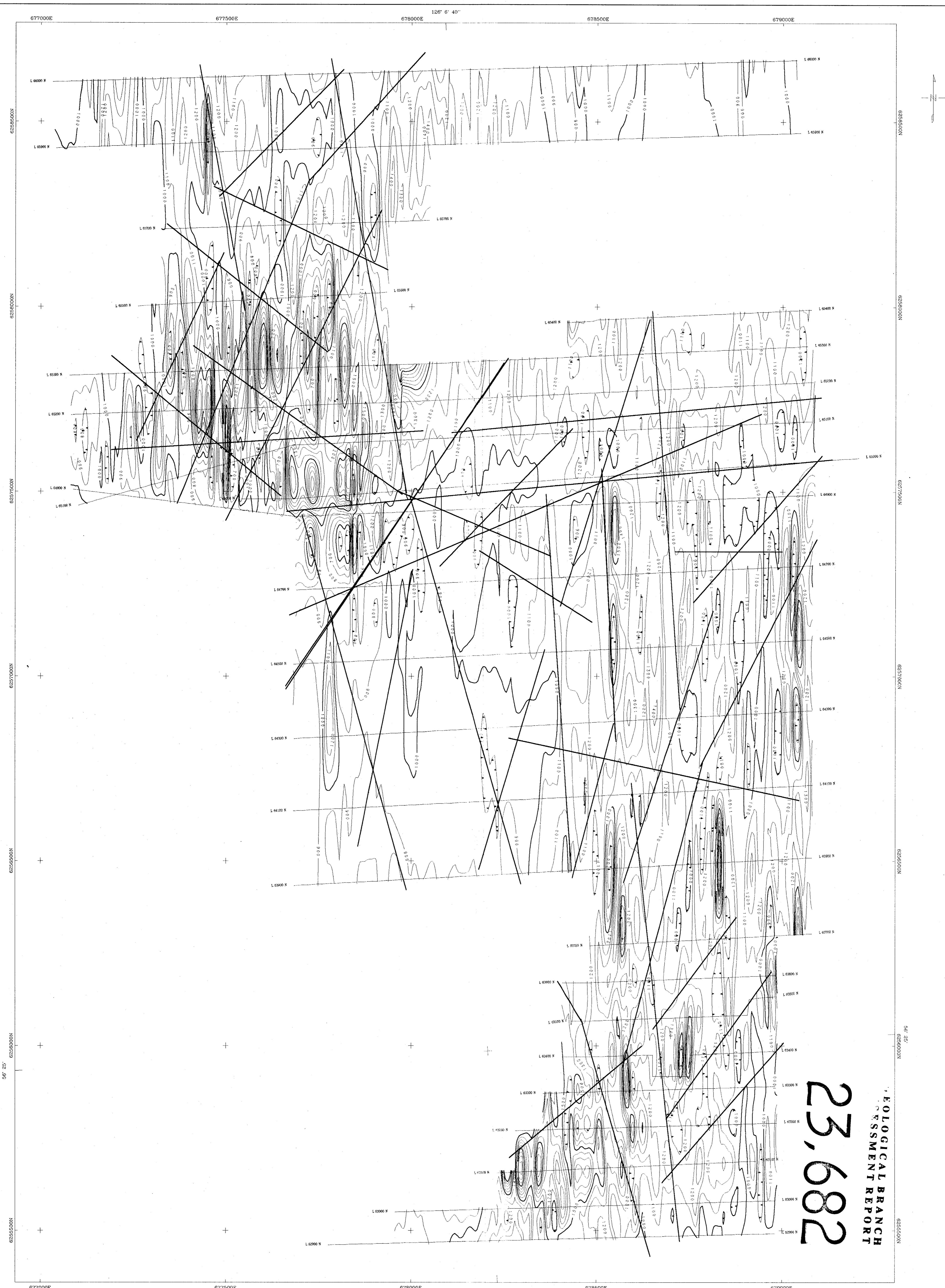
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**C O S T S M E N T R E P O R T**

MARIPOSITE GRID GROUND MAGNETICS  
SURVEYED BY WALCOTT & ASSOC.  
SEPTEMBER 1994

## — INTERPRETED MAGNETIC BREAKS

Contour Intervals: 100, 500 & 1000nT