

82-#814-#10814

GEOCHEMICAL REPORT ON THE

BIRD MINERAL CLAIMS

Nos. 4, 6, 8, 10, 12, 14, 15 to 28

Owned by BP MINERALS LIMITED

Omineca Mining Division, B.C.

Located 20 km NNW of Johanson Lake, B.C.

NTS 94D/9

(126°22' Longitude, 56°45' Latitude)

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

10,814

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BP MINERALS LIMITED

November, 1982

BPVR 82-30

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Summary

Recent interest in precious metals generated impetus to reassess the BIRD claims using a multielement approach. Soil samples collected in 1974 were available for study, the survey comprising a 400 X 800 foot (120 X 240m) grid. Samples were analyzed by Vangeochem for gold and at Acme for 30 metals using their inductively coupled plasma (ICP).

The BIRD claims are underlain predominantly by volcanic tuffs belonging to the Takla Group. The claim group is cut by a major throughgoing structure, the NIK fault, a northwesterly trending zone extending from the NIK and SHRED claims in the south. Basic and ultrabasic lithologies intrude the fault zone either magmatically or structurally, accompanied by acidic plutons of monzonitic to dioritic composition. The claim group is bounded on the east by a major quartz diorite batholith.

Three geochemical anomalies were defined as a consequence of the present study. The most important zone is at least 1.5 km long, parallel to the NIK fault. Copper, nickel, cobalt, manganese, chromium, magnesium, calcium, barium, strontium, potassium, and, in part, arsenic have accumulated in a solifluction lobe over the southern 800m of the anomaly, and along a creek channel over the northern half of the anomaly. The metal association is

indicative of an ultramafic affinity. In view of the occurrence of two massive sulphide lenses associated with same rock types and structure on the SHRED claims in the south, a massive sulphide target is suggested to control anomalous patterns.

The second anomalous zone is predominantly indicated by high values of gold, lead and zinc with a weak copper component overlying about 1 km² of ground on the east central portion of the claims. Anomalous conditions are most strongly generated along a creek channel where overburden thicknesses are minimal. Overburden cover is more extensive away from the creek where anomalies tend to be more sporadic. Very acidic soils and unusually great accumulation of iron characterizes an area between two creek draining the property and may be indicating extensive leaching of metals even if overburden is not exotic or very thick. Follow-up comprising deep overburden drilling is recommended to test distributions at the bedrock overburden interface and assist in formulation of a geological model to explain the anomalous metal levels.

The third anomaly is a copper-molybdenum zone coinciding with a quartz stockwork. This zone was tested by diamond drilling in 1975 and appears to have a limited lateral extent.

The linear geochemical anomaly following the NIK fault merits high priority followup to search for a massive sulphide deposit. Fence deep overburden drilling perpendicular to structure and geophysical surveys to test for conductors are recommended. Successful discovery of massive sulphide occurrences in deep overburden chips or the outlining of valid EM conductors would provide the emphasis for diamond drilling.

Recommendations

1. Fence deep overburden drilling is necessary across the copper-nickel-cobalt anomaly in the south using a 25m sample interval.
2. Electromagnetic and magnetic surveys are suggested to define conductor zones underlying the geochemical anomaly.
3. Deep overburden drilling on a 50 X 100m grid is required to test the gold-lead-zinc anomaly. Geological mapping accompanying this work might identify the geological target type which is likely to be volcanic-hosted. Pulps from a previous deep overburden survey should be reanalyzed for gold and using the multielement approach if they can be located in storage.
4. Successful completion of (1) or (2) above will lead to identification of drill targets.

BIRD Claims Assessment Report

Introduction

Collection of soil samples on the BIRD claims was conducted in 1974. That work centred on the evaluation of fracture fill and quartz vein "stockwork" chalcopyrite and molybdenite occurrences which trended subparallel to regional northwesterly faults. The geological target was a porphyry copper and/or molybdenum deposit. Analysis of geochemical samples for molybdenum, copper, lead, and zinc was undertaken and reported under assessment file number 5254.

Magnetometer and IP/resistivity surveys were also completed in 1974 and tendered to the government in the same report. Zones of high magnetics reflected mafic or ultramafic intrusions whereas potential zones of stockwork mineralization were defined by magnetic lows. Strong IP response was located in the south.

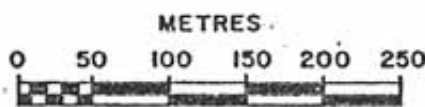
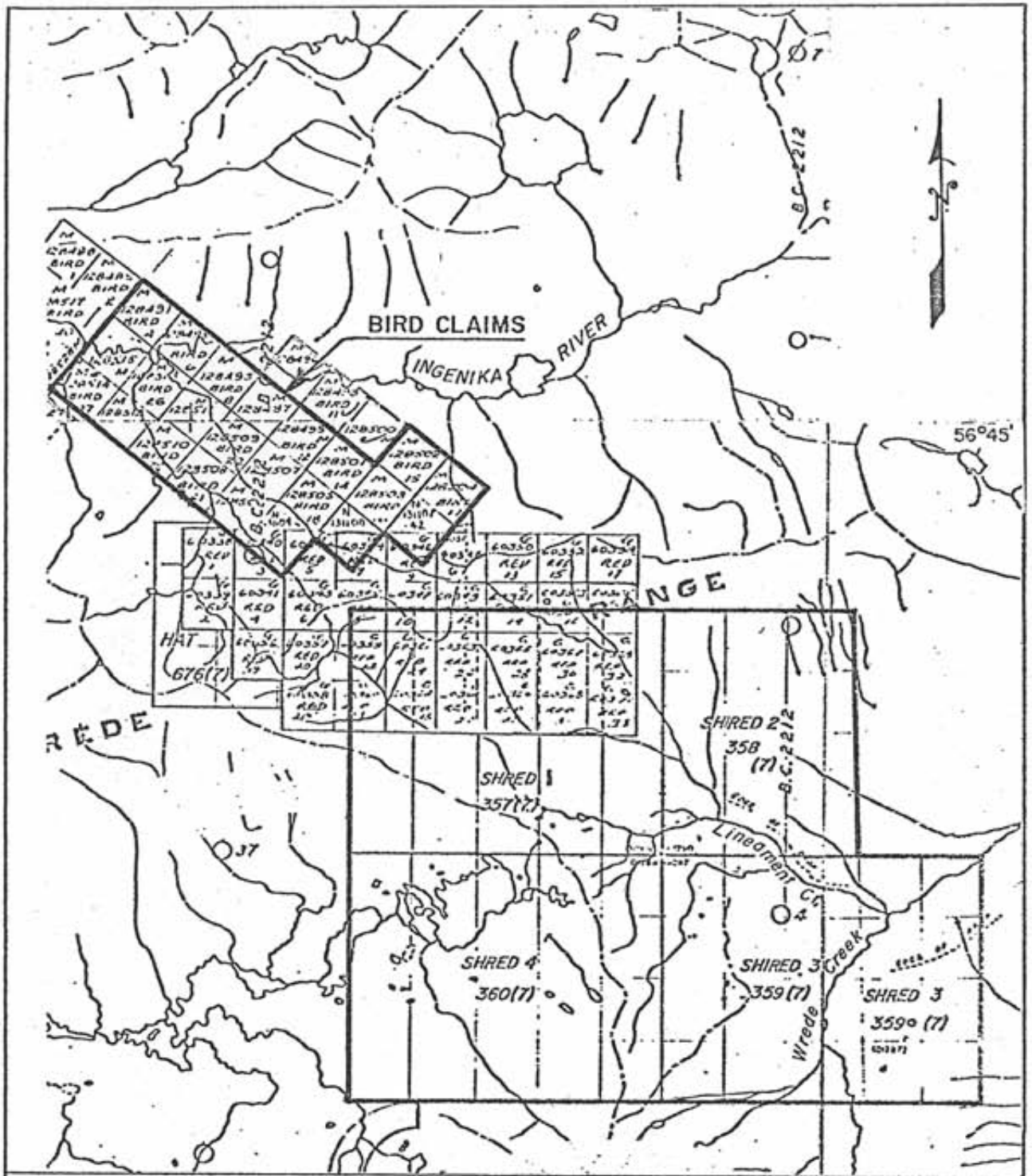
Two diamond drill holes were collared in 1975 (Assessment Report number 5616). These were aimed at testing a quartz stockwork containing chalcopyrite and molybdenite, but intersected only minor quantities of copper and molybdenum. A deep overburden survey was undertaken in 1976 to investigate a large area of overburden cover between the two creeks draining the property. That work indicated significantly higher copper and molybdenum values with depth, confirming the initial interpretation of the soil survey.

Strong base metal leaching appears associated with abnormally acidic soils on a plateau region between anomalies developed in base of slope regions beside both creeks. It is unfortunate that pulps from the deep overburden survey could not be located to constitute part of this study.

Work on BIRD resumed in 1981 with investigations of the precious metal potential of the southern claims area. Advances in analytical technology, in particular the availability of a low cost multielement instrument, the inductively coupled plasma (ICP), made possible the search for precious metal deposits using pathfinder elements such as antimony, bismuth and arsenic. This report describes the reevaluation of the BIRD claims in the light of the new analytical results.

Location and Access

The BIRD group (Fig. 1) is within the Omineca Mining Division, approximately 20 km northwest of Johanson Lake and 6 km southwest of Fleet Peak (126°22' longitude, 56°45' latitude). The property is accessible by helicopter from Johanson Lake, on the BCDM Omineca Highway from Fort St. James. The Johanson Lake airstrip can be reached by road or by fixed-wing aircraft from Prince George to the southeast (370 air km) or by fixed-wing aircraft from Smithers to the southwest (210 air km).



BP Minerals Limited

**LAND STATUS
BIRD & SHRED CLAIMS
TOODOGGONE PROJECT**

SCALE 1:50,000	NTS 94 D/9, 15	PLAN 1
505-81-2	DATE JUNE 1981	PROJ. 505

To accompany report:

Land Status (Figure 1)

		<u>RECORD NUMBER</u>	<u>RECORD DATE</u>	<u>HECTARES</u>
BIRD	4	128491	September 25, 1973	20.9
BIRD	6	128493	September 25, 1973	20.9
BIRD	8	128495	September 25, 1973	20.9
BIRD	10	128497	September 25, 1973	20.9
BIRD	12	128499	September 25, 1973	20.9
BIRD	14	128501	September 25, 1973	20.9
BIRD	16	128503	September 25, 1973	20.9
BIRD	18	128505	September 25, 1973	20.9
BIRD	27	128514	September 25, 1973	20.9
BIRD	28	128515	September 25, 1973	20.9
BIRD	15	128502	September 25, 1973	20.9
BIRD	17	128504	September 25, 1973	20.9
BIRD	19	128506	September 25, 1973	20.9
BIRD	20	128507	September 25, 1973	20.9
BIRD	21	128508	September 25, 1973	20.9
BIRD	22	128509	September 25, 1973	20.9
BIRD	23	128510	September 25, 1973	20.9
BIRD	24	128511	September 25, 1973	20.9
BIRD	25	128512	September 25, 1973	20.9
BIRD	26	128513	September 25, 1973	20.9

Work Program

Grid preparation and sample collection procedures have been described previously (see BCDM Assessment Report 5254). Pulps available at Vangeochem Labs Ltd., were analyzed for their gold content (procedure is reported in Appendix 1). Vangeochem submitted the pulps to Acme Analytical for their ICP analysis. Acme procedures are also contained in Appendix 1.

General Geology

The BIRD claims are underlain by volcanic and volcanoclastic rocks of the Upper Triassic - Lower Jurassic Takla Group. Rocks of the Takla Group are moderately fractured, variably altered and generally massive. In the southwest of the property, highly contorted, thinly bedded tuffs are striking northwest and dipping 20° southwest.

The Takla is intruded in the west by a dyke of quartz-feldspar diorite porphyry and spatially associated gabbro and in the east by a large body of granodiorite. The gabbro and granodiorite are moderately fractured and weakly altered. The quartz-feldspar porphyry is strongly sheared, altered and quartz veined.

Sulphide mineralization occurs in quartz veins and as fracture fill and disseminations.

Physiography

The BIRD claims lie on a gentle, northfacing slope of a major east-west trending mountain range. Bed-rock exposure within the claims area is poor except in the mountains marking the western and southern boundaries of the claims. Relatively good exposure is also found along two creeks draining the claims where these are incised from 5 to 15 metres from the surrounding, relatively flat plateau of overburden covered ground. Thickness of overburden is thought to average 3 to 5 metres over the latter area.

The claims lie along the alpine treeline. Above the treeline in the south is a prominent northwestward trending solifluction lobe which begins in a mountain pass near the crest of the mountain range at a 5740 foot elevation (1750m) and extends up to 900 metres downslope between the two creeks draining the claims. Prominent cliffs and talus fan deposits cover the southeastern portion of the claims.

A major creek valley marks the northern limit of the claims. The valley is relatively flat and covered by thick deposits of alluvium. The two creeks draining the sloping portion of the claims have formed broad alluvial fans in the main valley.

Method of Data Evaluation

Appendix 2 lists the field technical data and analytical results in three parts, appropriately numbered in the upper right hand corner of each page. Appendix 3 summarizes statistics for data sets grouped according to sample type (see coding format for columns 1 and 2 in Appendix 3). Selection of arithmetic or logarithmic statistics is determined by a coefficient of variation less than 0.5 (arithmetic) or greater than 0.5 (logarithmic) of data sets where the lowest and highest 5% of the values have been ignored (truncated) to prevent outliers adversely influencing the shape of the histogram.

The minimum and maximum values of the truncated survey data and the range of concentrations they represent are indicated, as are the mean, median (value midway in the frequency distribution) and mode (most commonly occurring value). The standard deviation and statistical anomaly threshold (mean plus 2 standard deviation intervals) are quoted. Large values of the standard deviation compared to the mean suggest bimodal distributions and anomaly thresholds are best estimated with reference to histograms contained in Appendix 4.

Deviations from normality can be calculated using skewness and kurtosis measurements. A large positive skewness indicates many samples have low values near the mean,

and high values extend far above the mean. A negative skewness represents population with an extended lower tail of values. Kurtosis values for a normal distribution equals 3. Negative kurtosis values (after subtracting 3 from the kurtosis values) result from distribution curves having a flatter top than usual where as positive values represent peaked distributions.

Description of Results

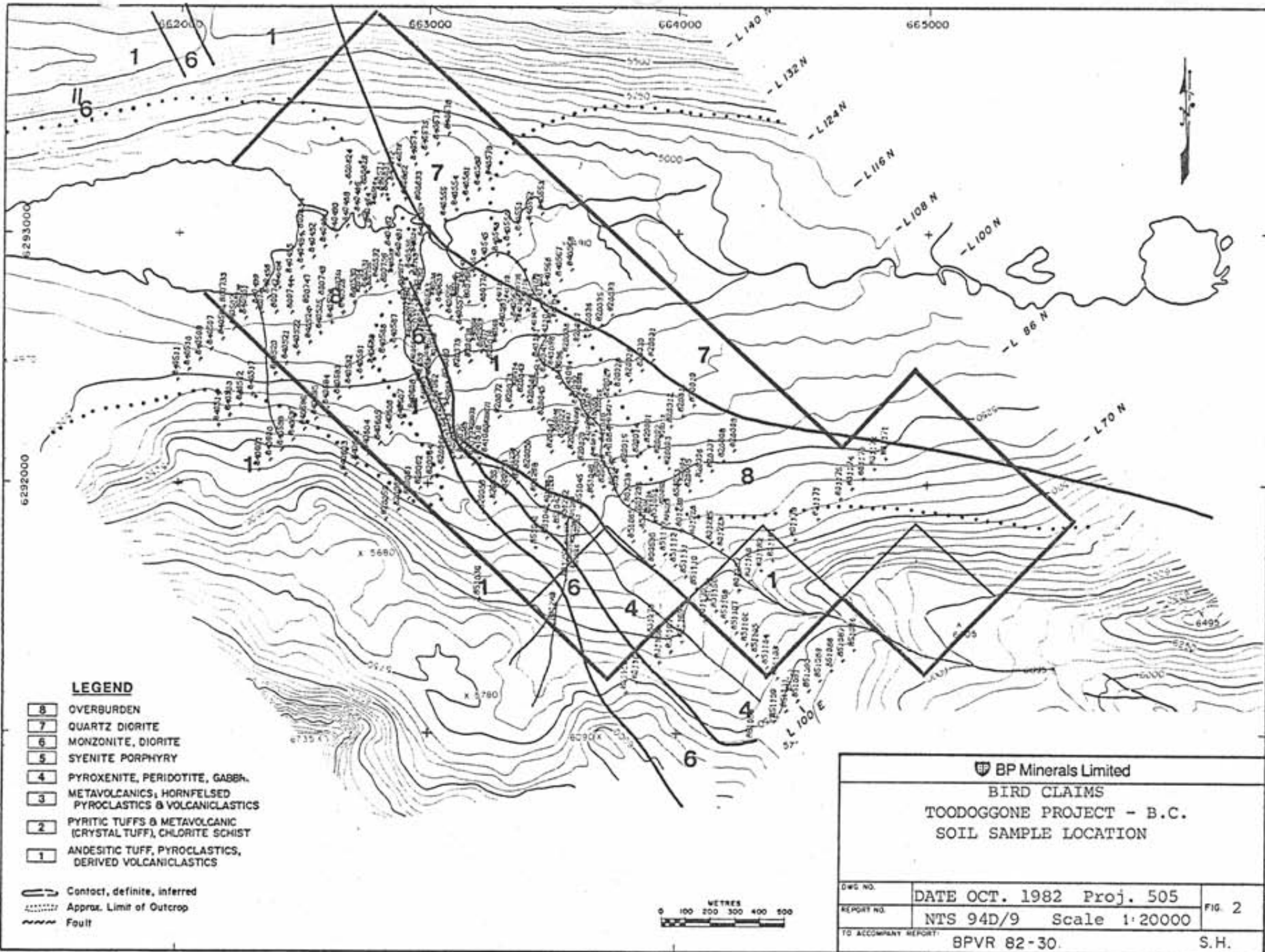
1. Introduction

Soil and talus fine samples (Fig. 2 and 3) have been combined for purposes of plotting trace element distributions. Soil results are coded using circles whereas talus fine data are represented by pentagons. The molybdenum, copper, lead, and zinc data have been described in the previous report, but descriptions are repeated here in summary form.

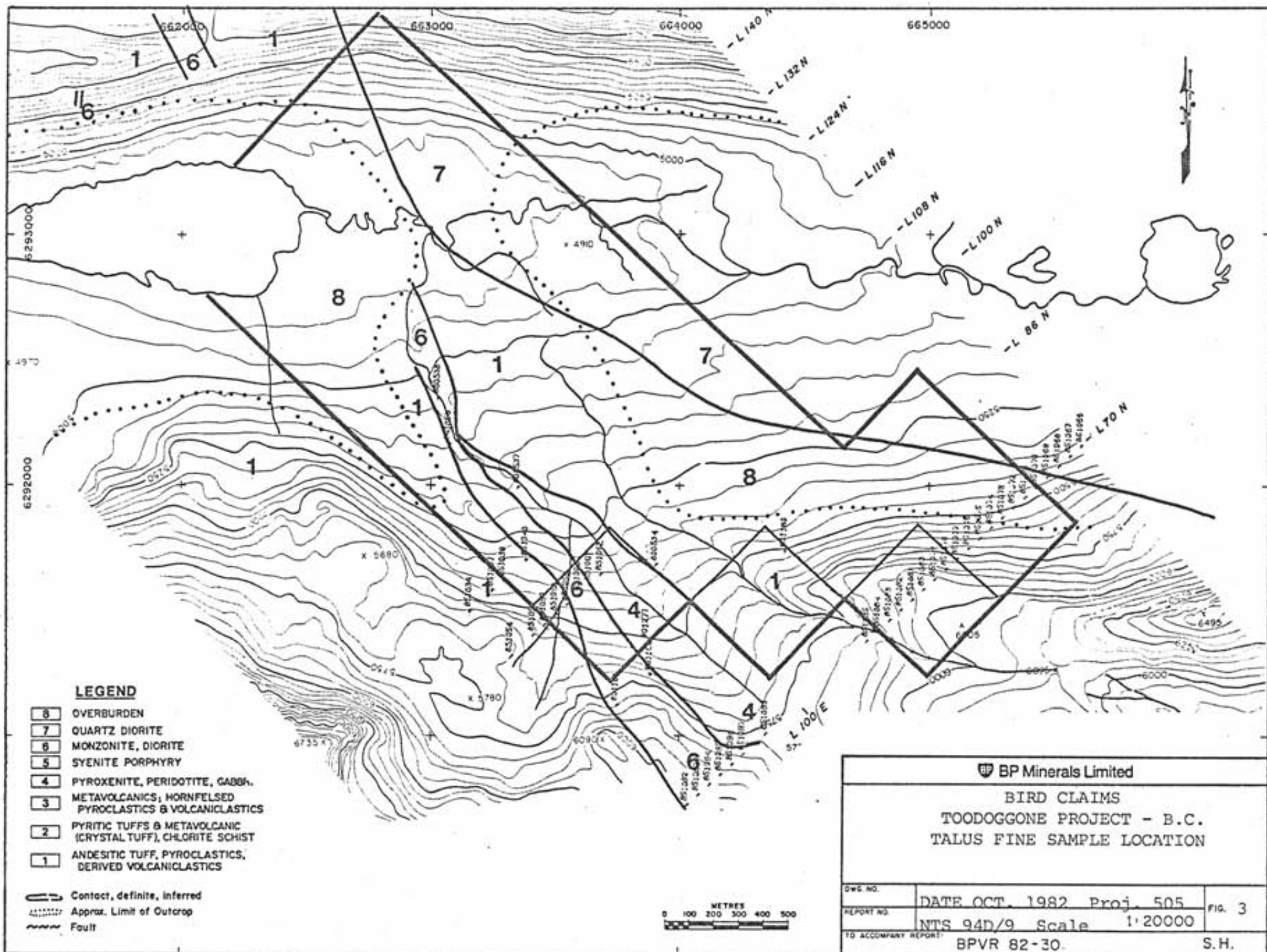
2. Molybdenum (Fig. 4)

Molybdenum concentrations are greater in talus fines than in soils. Accumulation of molybdenum in both media characterizes the base of slope environment along the two northwestward draining creeks. One of the anomalies, reflected by a 45 ppm value just north of L132N, is associated with a molybdenite-quartz stockwork which was tested in 1975 by the two diamond drill holes. Relatively low values between the two creeks are associated with very acidic soils and molybdenum may not have been able to migrate to surface.

Enrichment of molybdenum is also found in the southeast, at the base of a talus slope. Molybdenum values to 45 ppm reflect trace quantities of molybdenite associated with volcanic bedrock in the gossanized hill upslope. The prominent solifluction lobe is not molybdenum-rich.



BP Minerals Limited BIRD CLAIMS TOODOGGONE PROJECT - B.C. SOIL SAMPLE LOCATION		
DWG NO.	DATE OCT. 1982 Proj. 505	FIG. 2
REPORT NO.	NTS 94D/9 Scale 1:20000	
TO ACCOMPANY REPORT:	BPVR 82-30	S.H.



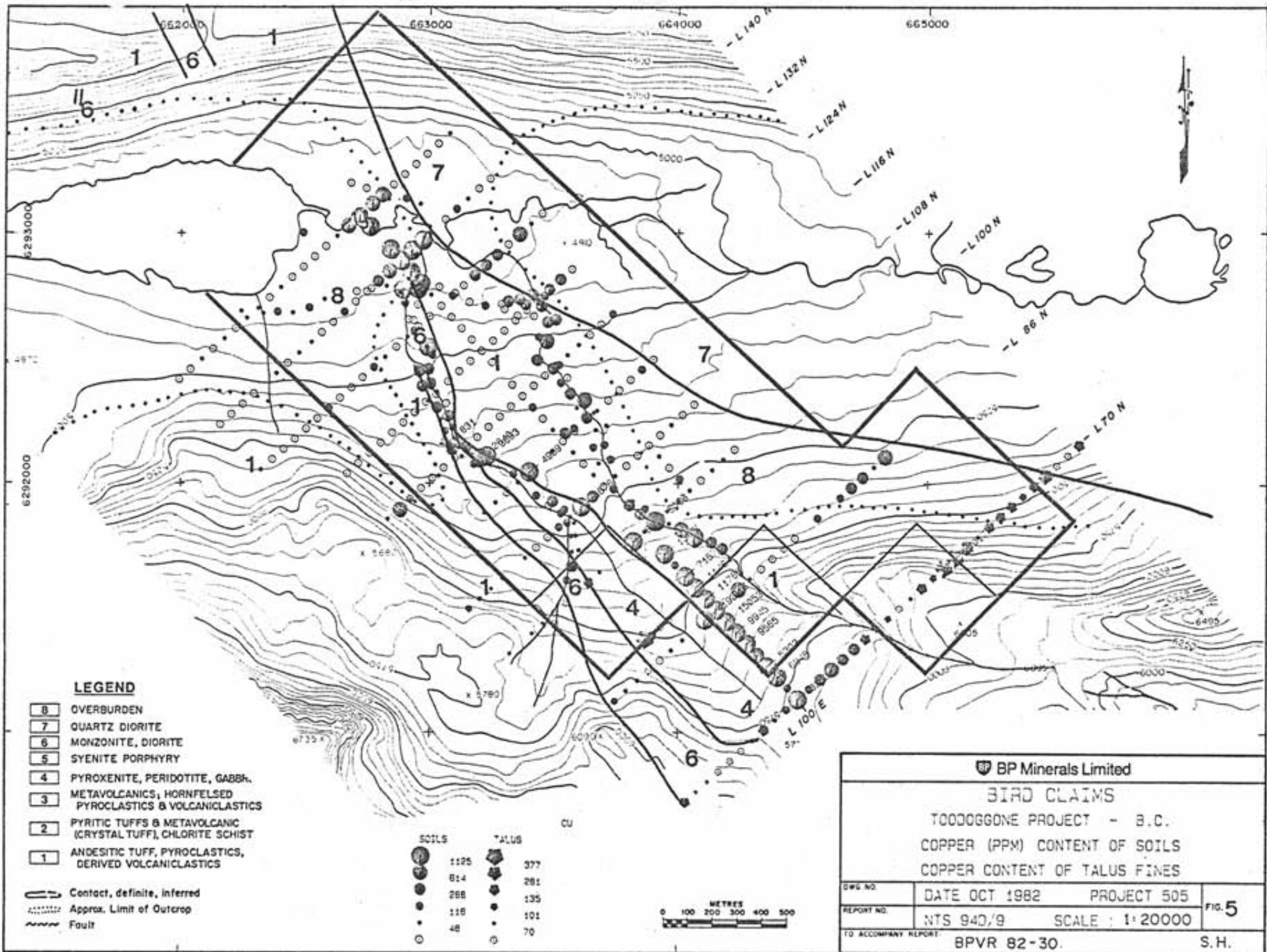
3. Copper (Fig. 5)

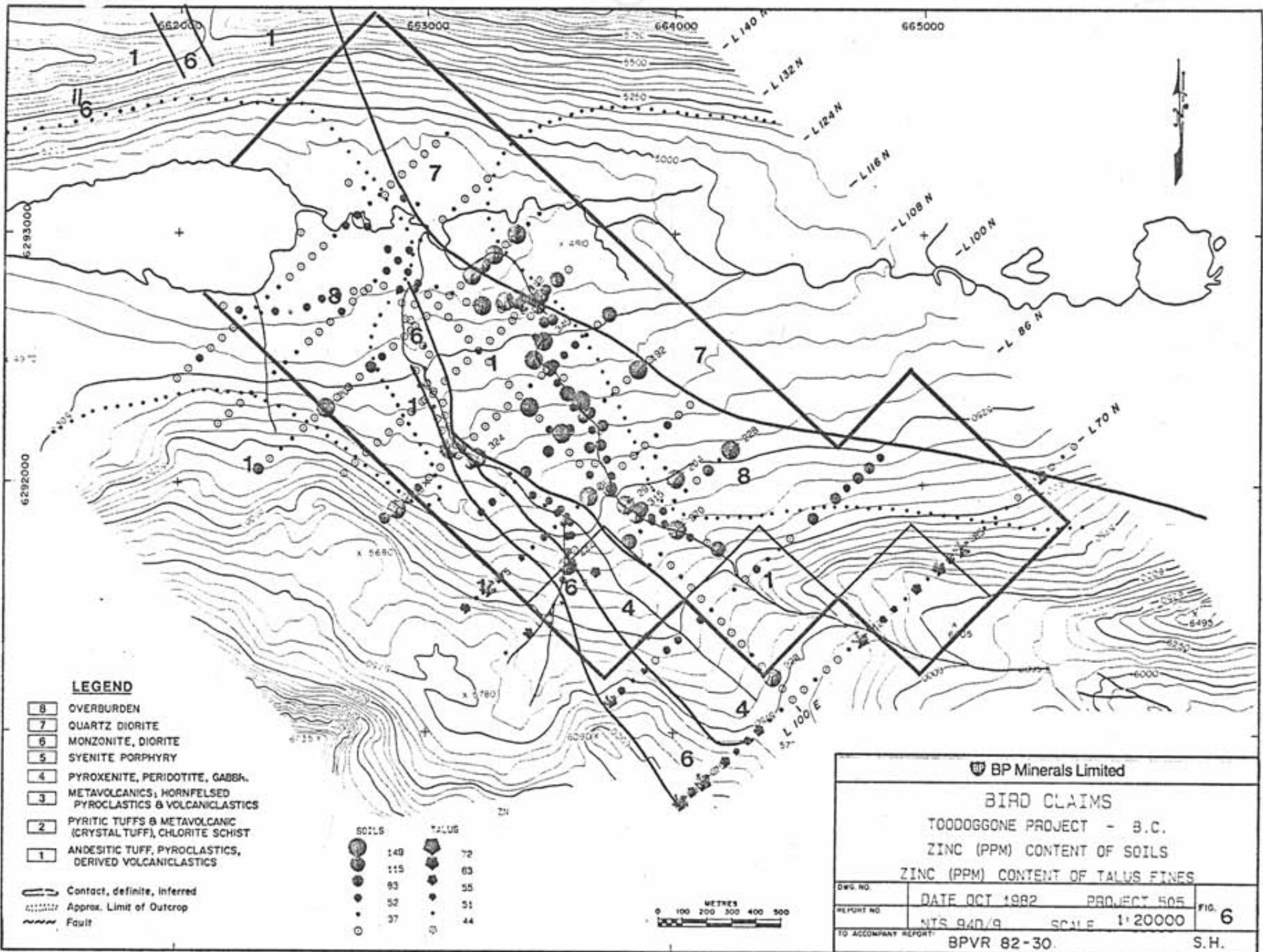
The copper distribution resembles that of molybdenum in that base of slope soils along both creeks are copper-rich, and copper talus fine and base of slope anomalies are present downslope of gossanized volcanic outcrop in the southeast. The highest contrast copper anomaly, values reaching 1.5% copper, is found in the south associated with a solifluction lobe. Groundwater associated with this feature is acidic at 4.5 to 5.5. Copper migration in groundwater is indicated by deposition of malachite in the leached rind of boulders of volcanic agglomerate cemented by calcium carbonate.

Many values exceed 1000 ppm copper along the western creek unrelated to the solifluction lobe. The very acidic soils immediately east (pH less than 4.5) suggest the possibility of hydromorphic dispersion from a source lying beneath low values on the plateau region between the two creeks. Anomalies in the north, at the mouths of the two creeks entering the main valley represent alluvial fans of stream sediment transported from sources 1 km and greater distances upslope.

4. Zinc (Fig. 6)

Accumulation of zinc in the 200 to 350 ppm range characterizes the eastern creek area, particularly in base of slope regions. Enhanced zinc values are found in the plateau region between the two creeks and on the plateau





in the east. The solifluction lobe in the south is zinc-poor, as are base of slope regions and talus fans further east. Moderate zinc enhancement characterizes some volcanic units along the western margin of BIRD.

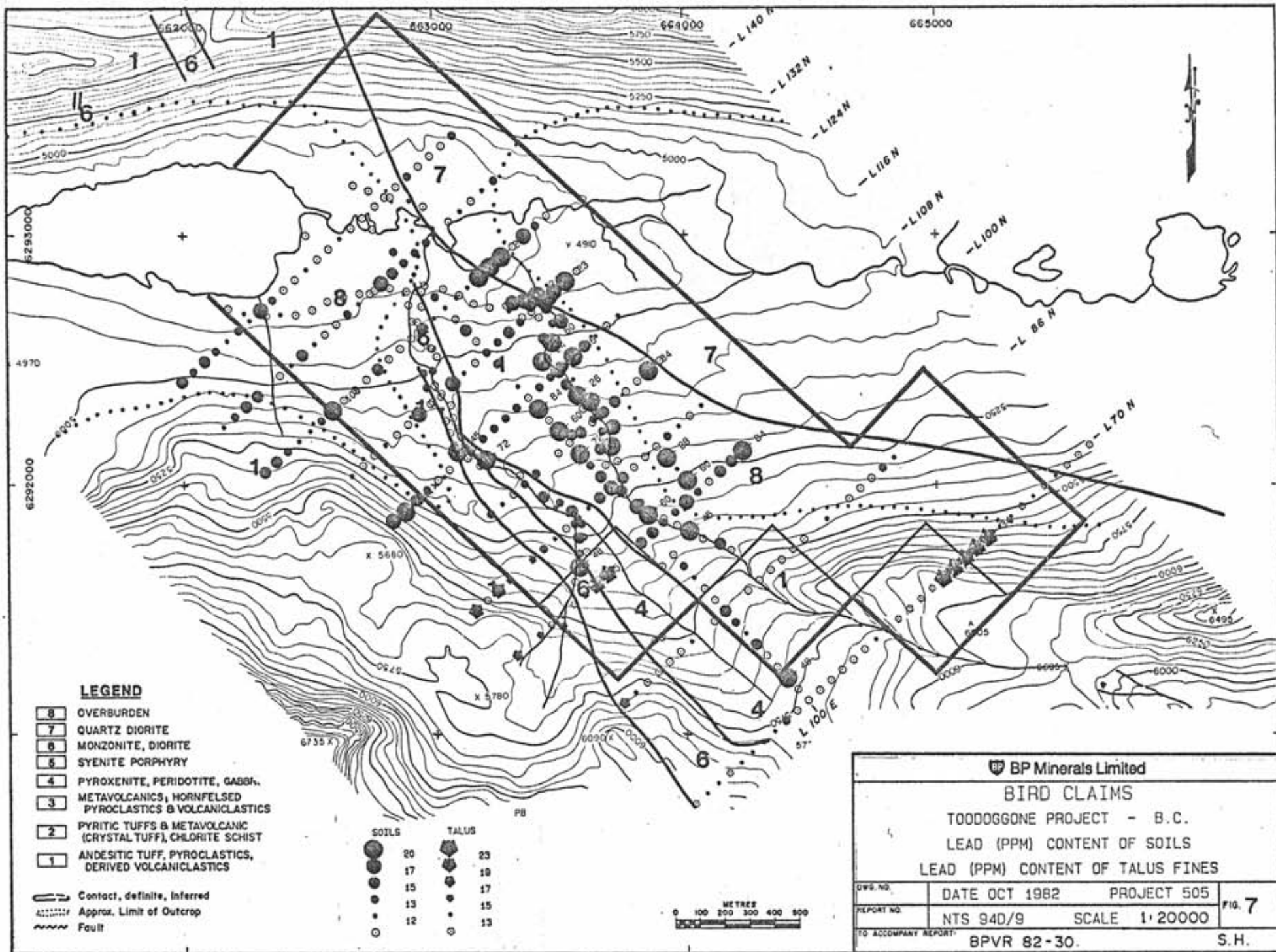
5. Lead (Fig. 7)

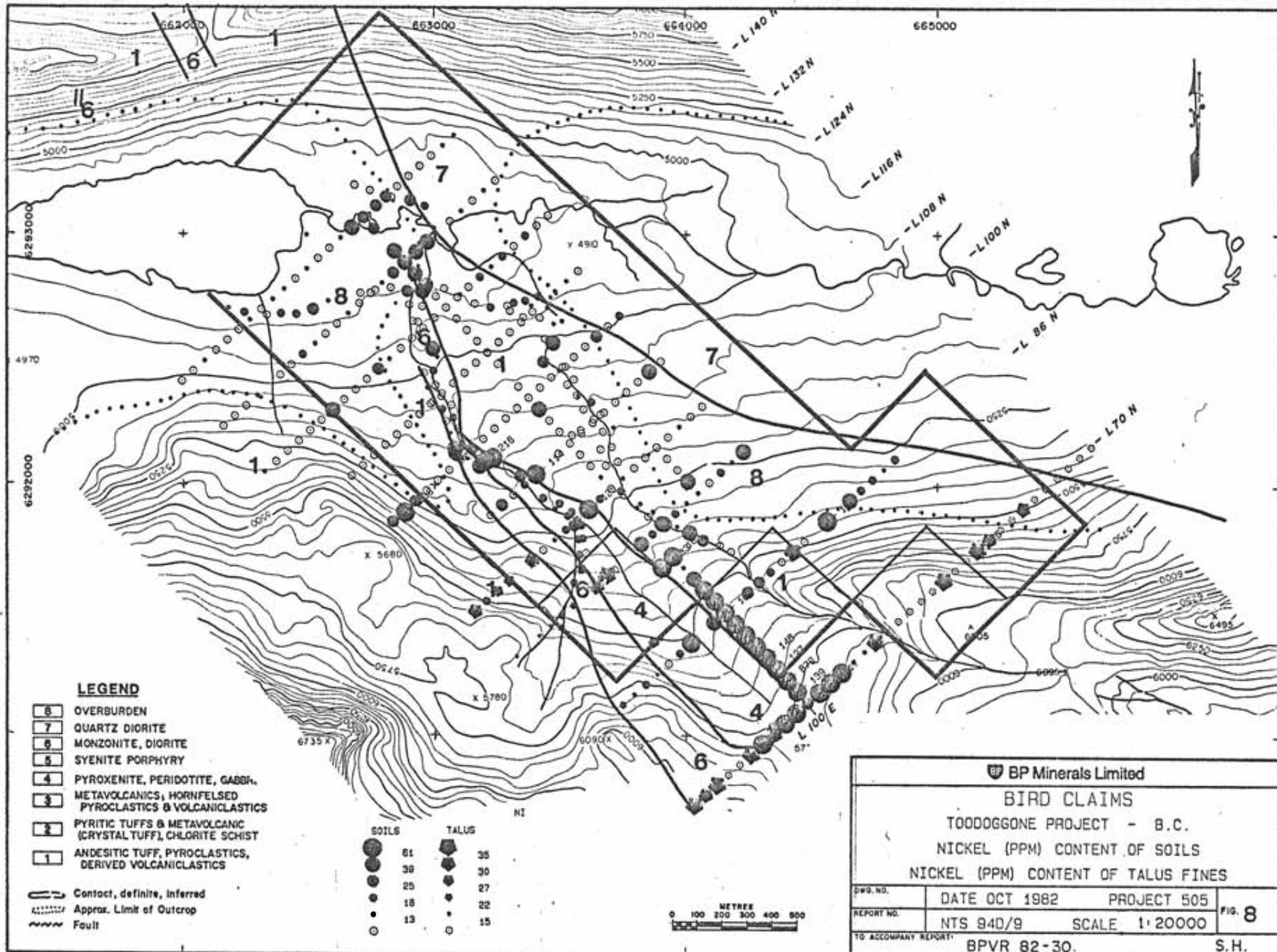
The lead pattern is similar to that of zinc, highest values clustering on the east-central portion of the property. Average anomalous lead values are in the 25 to 85 ppm range.

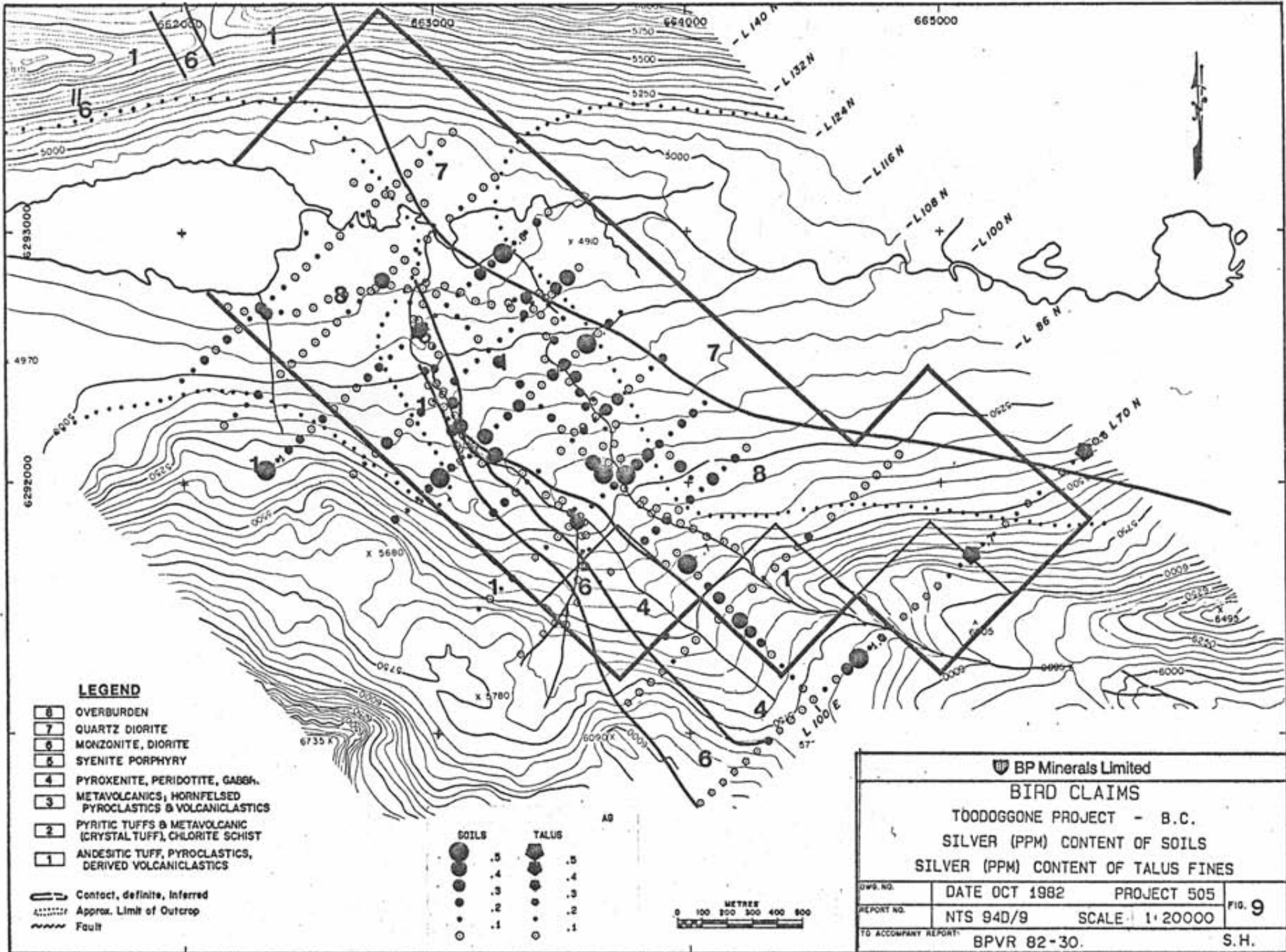
The maximum lead content of 108 ppm is found in an isolated sample on the western margin of the claim group. A zone of lead-rich talus fines is associated with the gossan in the southeast.

6. Nickel (Fig. 8)

A prominent nickel-rich zone characterizes the solifluction lobe. Dispersion of nickel-rich clastic material is evident along the western creek, including accumulation of nickel in the alluvial fan in the north, a distance of 2 km. Base of slope soil anomalies along the western creek indicate a source of the nickel also underlies the claim group in this area, correlating with a pyroxenite, peridotite, and gabbro bedrock unit. Nickel anomalies are isolated elsewhere on the claim group and probably relate to nickel-rich lithologies present locally.







7. Silver (Fig. 9)

Silver levels fluctuate at under 1.0 ppm and are not considered anomalous.

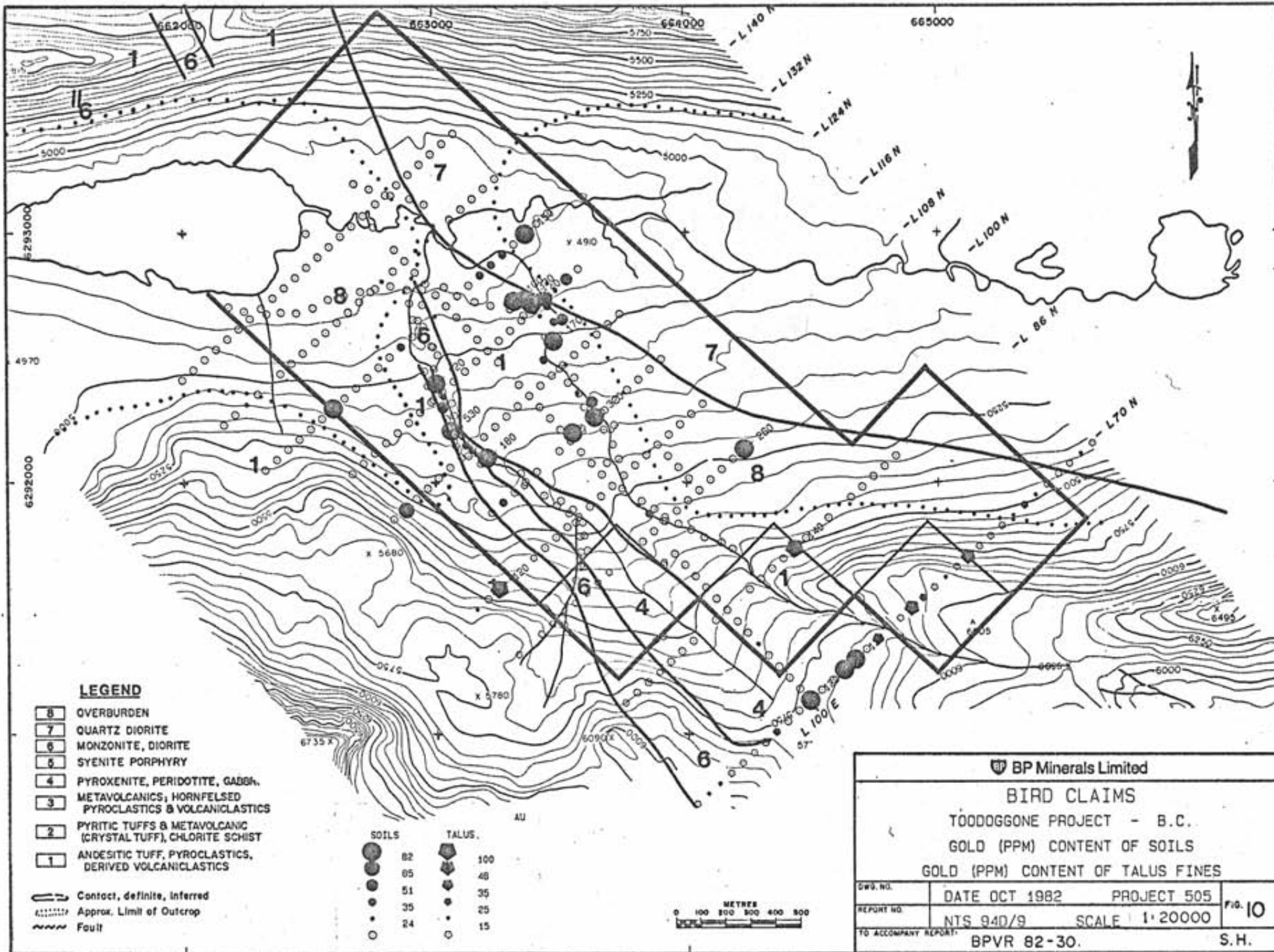
8. Gold (Fig. 10)

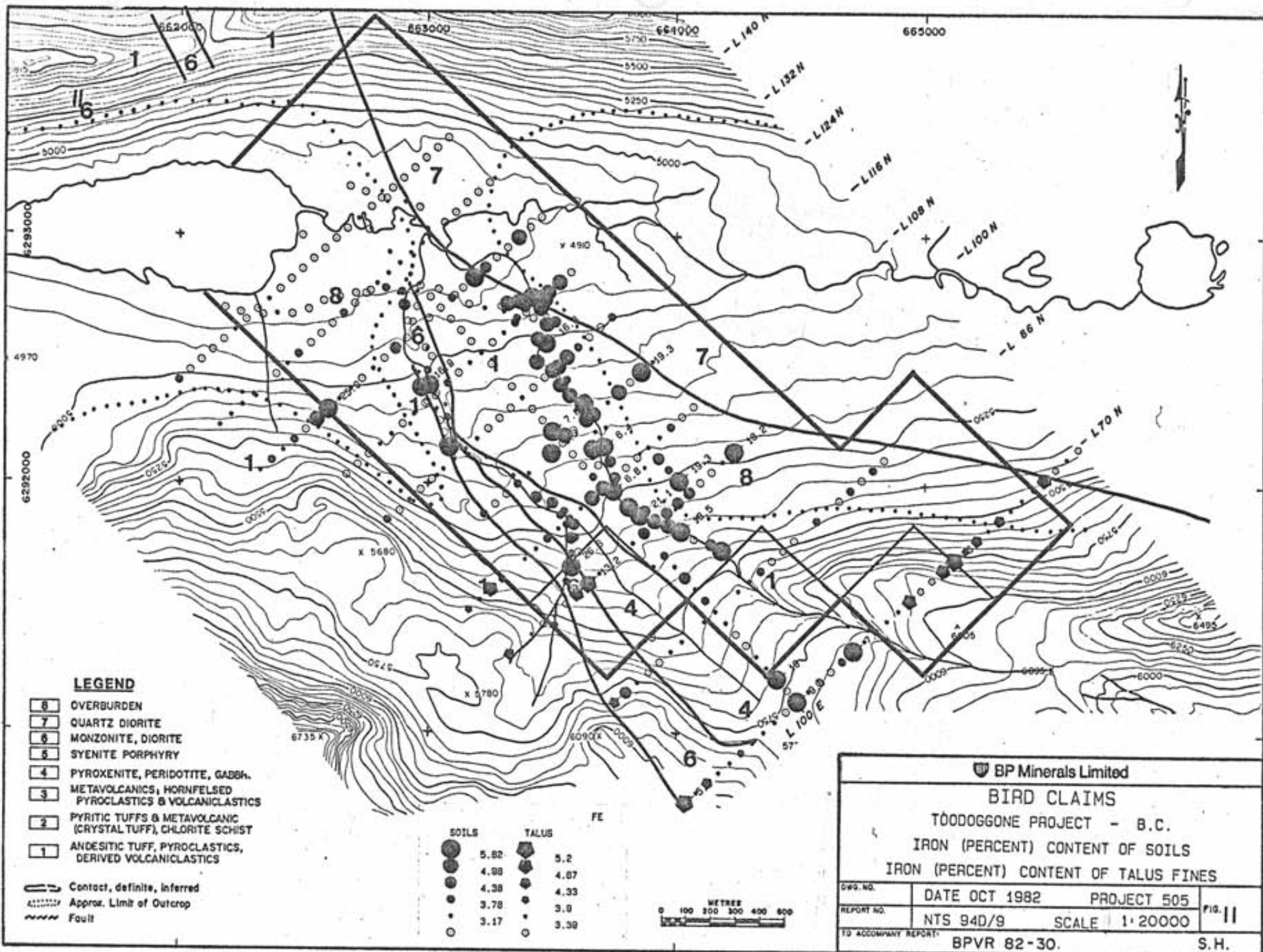
Three gold anomalies are defined. The first zone containing up to 530 ppb gold is associated with the western creek south of previous drilling. The second anomaly is found in the east at the same elevation along the other creek valley. The maximum value is 320 ppb. Accumulation of gold in the deltaic deposit several hundred metres downstream probably reflects a source between L132N and L116N. The third anomalous zone is associated with the solifluction feature. This anomaly is the weakest of the three zones.

Isolated high gold values are widely dispersed elsewhere on the claim group. Soils between the first two gold anomalies do not contain anomalous gold values and it is assumed that the masking nature of the overburden is preventing a reflection of underlying bedrock.

9. Iron (Fig. 11)

Iron concentrations are normal at 3% levels or less over most of the property. Accumulation of iron in soils or talus fines to levels exceeding 10% is abnormal for most environments, particularly in the absence of obvious, highly coloured, hydrous iron oxide precipitates.



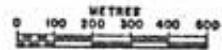


LEGEND

- 8 OVERBURDEN
- 7 QUARTZ DIORITE
- 6 MONZONITE, DIORITE
- 5 SYENITE PORPHYRY
- 4 PYROXENITE, PERIDOTITE, GABBRO
- 3 METAVOLCANICS, HORNFELSED PYROCLASTICS & VOLCANICLASTICS
- 2 PYRITIC TUFFS & METAVOLCANIC (CRYSTAL TUFF), CHLORITE SCHIST
- 1 ANDESITIC TUFF, PYROCLASTICS, DERIVED VOLCANICLASTICS

— Contact, definite, inferred
 - - - - - Approx. Limit of Outcrop
 ~~~~~ Fault

| SOILS |      | TALUS |      |
|-------|------|-------|------|
| ●     | 5.82 | ●     | 5.2  |
| ●     | 4.98 | ●     | 4.87 |
| ●     | 4.38 | ●     | 4.33 |
| ●     | 3.78 | ●     | 3.8  |
| ○     | 3.17 | ○     | 3.38 |



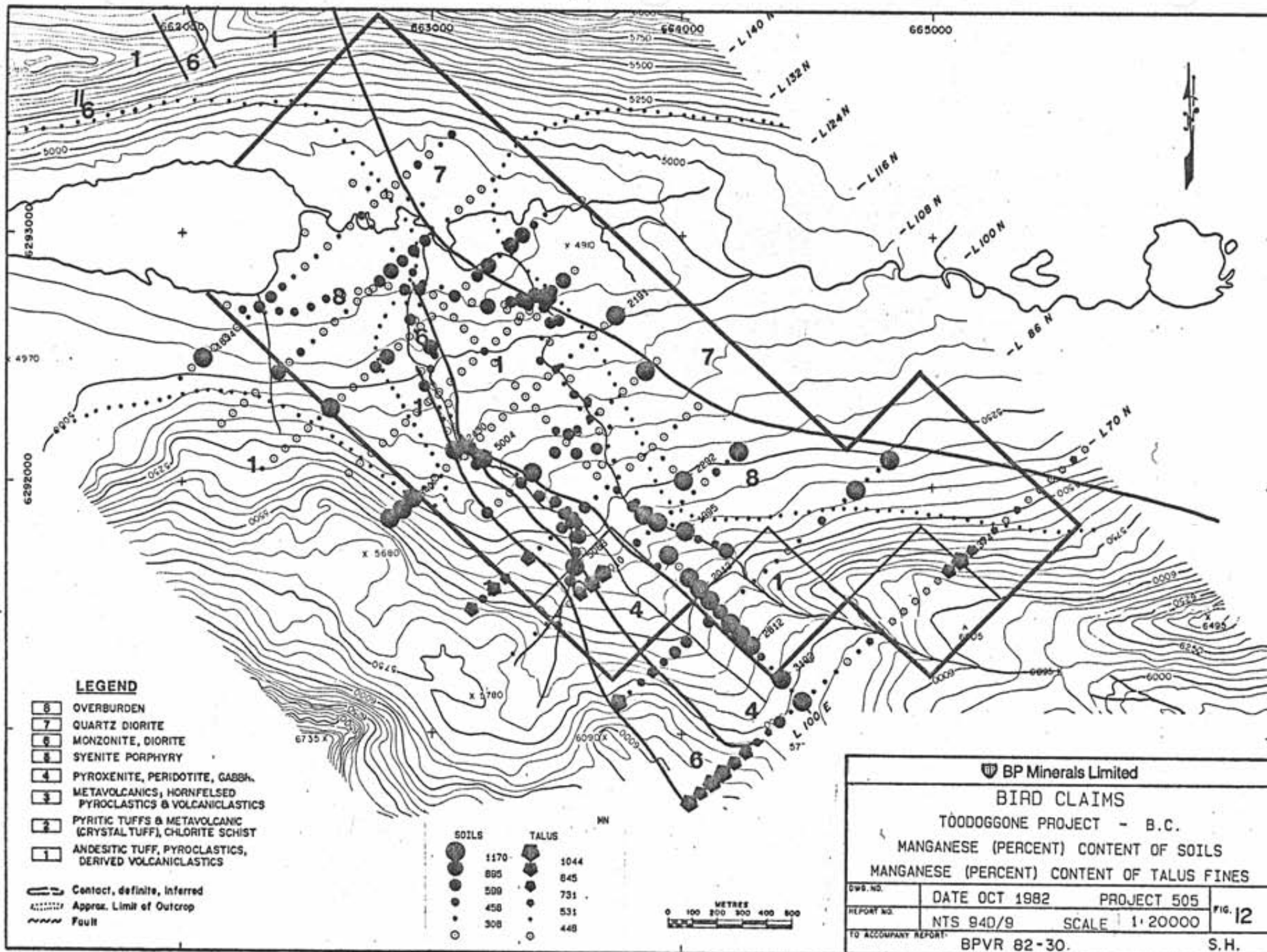
|                                       |               |               |
|---------------------------------------|---------------|---------------|
| <b>BP Minerals Limited</b>            |               |               |
| <b>BIRD CLAIMS</b>                    |               |               |
| TOODOGGONE PROJECT - B.C.             |               |               |
| IRON (PERCENT) CONTENT OF SOILS       |               |               |
| IRON (PERCENT) CONTENT OF TALUS FINES |               |               |
| DWG. NO.                              | DATE OCT 1982 | PROJECT 505   |
| REPORT NO.                            | NTS 94D/9     | SCALE 1:20000 |
| TO ACCOMPANY REPORT:                  |               | BPVR 82-30.   |
|                                       |               | S.H.          |

Very high iron contents on BIRD are thought to reflect high concentrations of pyritic bearing material in the overburden.

Although several values exceeding 5% iron are associated with the solifluction lobe and talus fans in the south, most iron enrichment characterizes base of slope regions along the eastern creek. The alluvial fan in the main valley is iron-rich, probably as a consequence of accumulating iron-rich clastic sediment. Several zones of iron enhancement are found along the western creek and isolated iron anomalies lie on the plateau between the two creeks and in the extreme east. The iron distribution is very similar to that of zinc and lead.

#### 10. Manganese (Fig. 12)

The manganese distribution is strikingly different from the iron pattern. Two prominent anomalous zones are evident. One correlates with the solifluction lobe where values are relatively homogeneous in the 1000 to 3000 ppm range. The second anomalous zone lies downslope, along the upper reaches of the western creek. Short term variability is much greater, and values range from less than 1000 ppm to 5000 ppm. Accumulation of manganese characterizes alluvial fans of both creeks. Manganese-rich soils and/or talus fines lie along the extreme southeastern and northwestern margins of the grid.





11. Cobalt (Fig. 13)

The cobalt distribution is very similar to that of manganese. The solifluction lobe exhibits a homogenous anomaly in the 50 to 100 ppm range. The upper reaches of the western creek are associated with anomalous conditions which vary greatly, from thresholds of 11 ppm to 240 ppm. Cobalt, manganese and nickel accumulation probably relate to underlying basic to ultrabasic bedrock. Alluvial fan anomalies are found at the northern ends of both creeks.

12. Arsenic (Fig. 14)

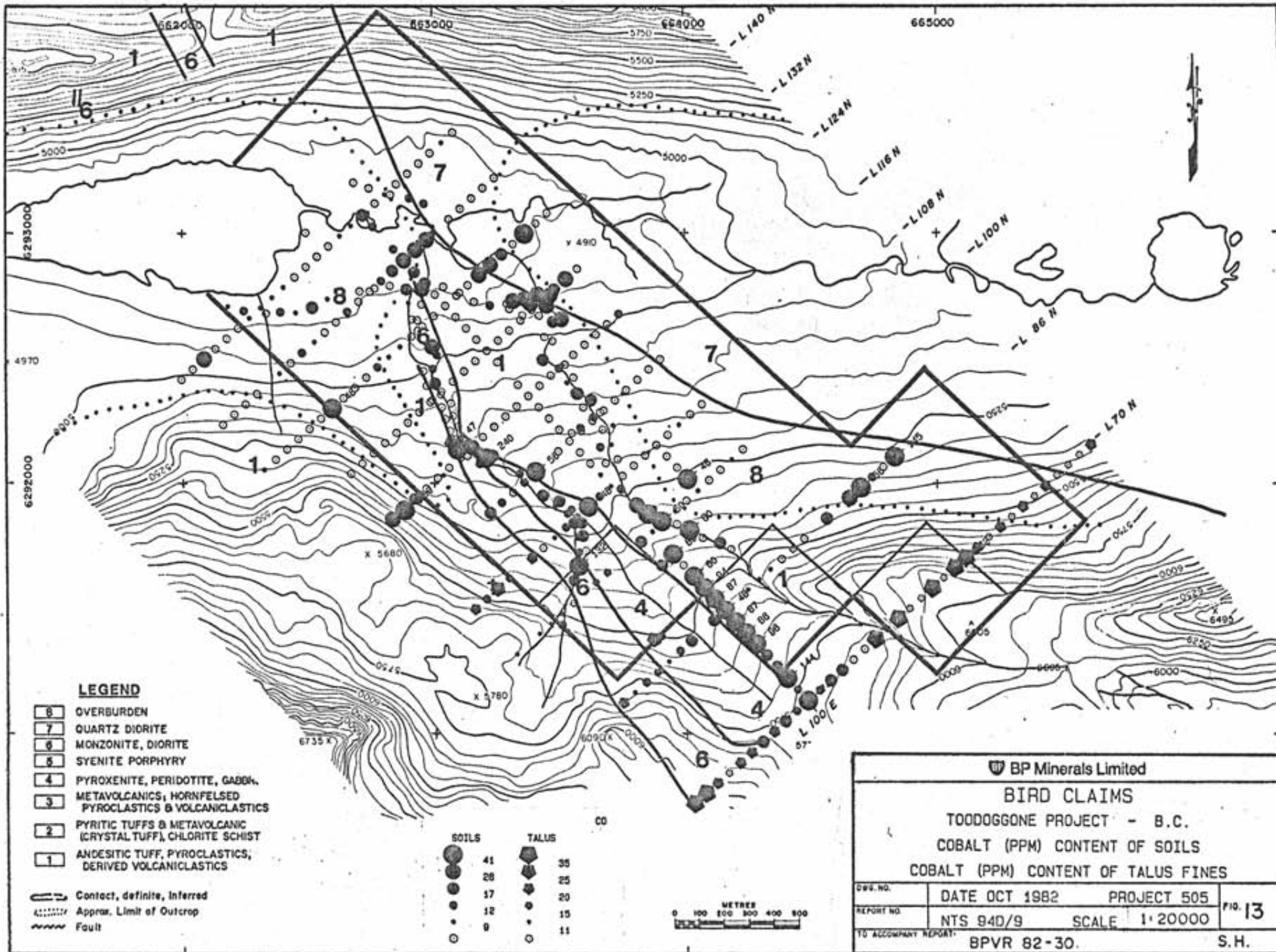
Arsenic levels are not particularly outstanding. An anomalous zone is found associated with the upper reaches of the western creek where values exceed the anomaly threshold of 11 ppm, up to 72 ppm. Weak enhancement is seen in alluvial fans of both creeks.

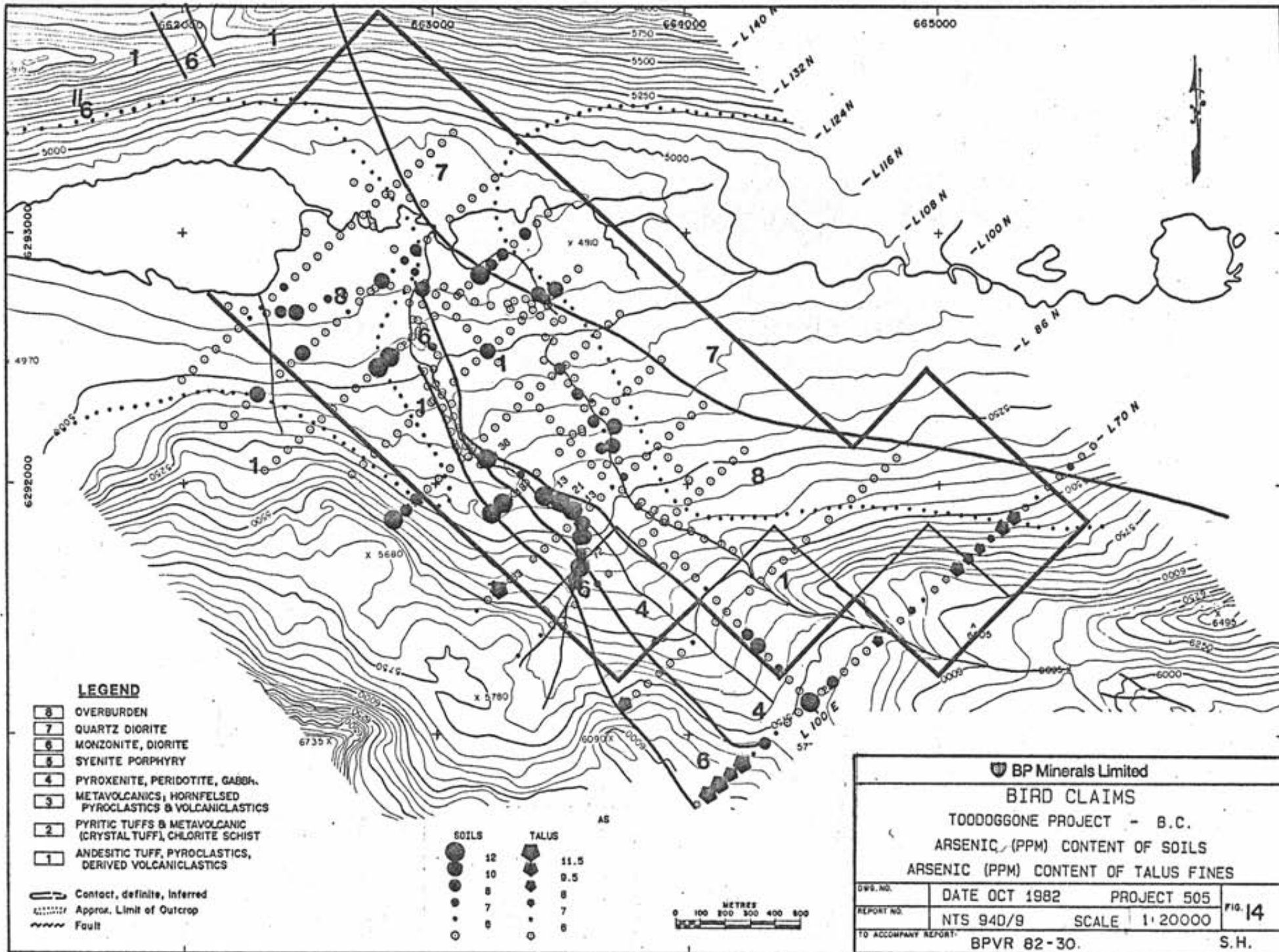
13. Antimony (Fig. 15)

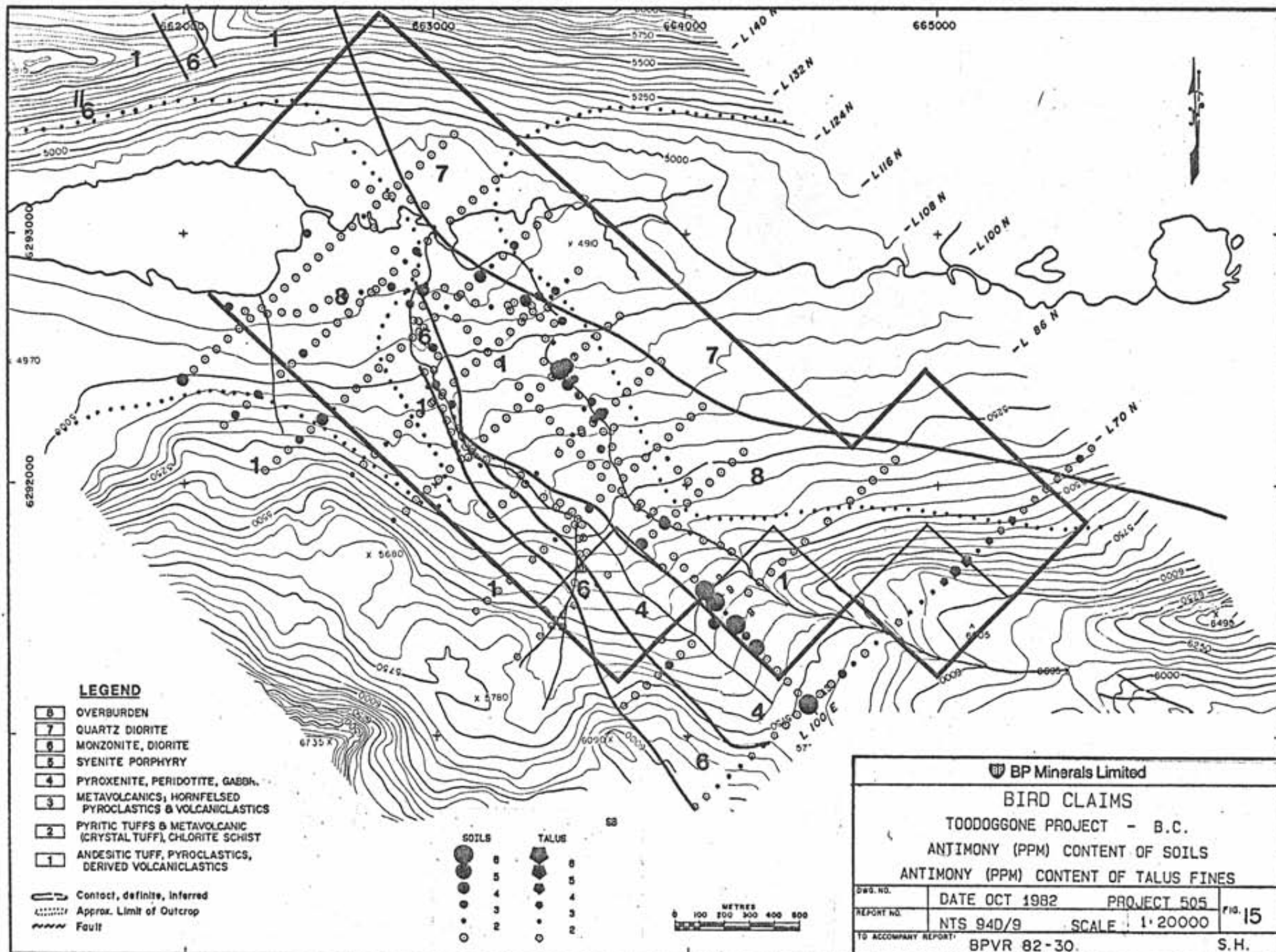
Two antimony anomalies are defined. One is associated with the solifluction lobe whereas the other is associated with gold, lead, and zinc anomalies along the eastern creek.

14. Bismuth (Fig. 16)

Bismuth values are all less than 4 ppm and not considered anomalous.







BP Minerals Limited

**BIRD CLAIMS**

TOODOGGONE PROJECT - B.C.

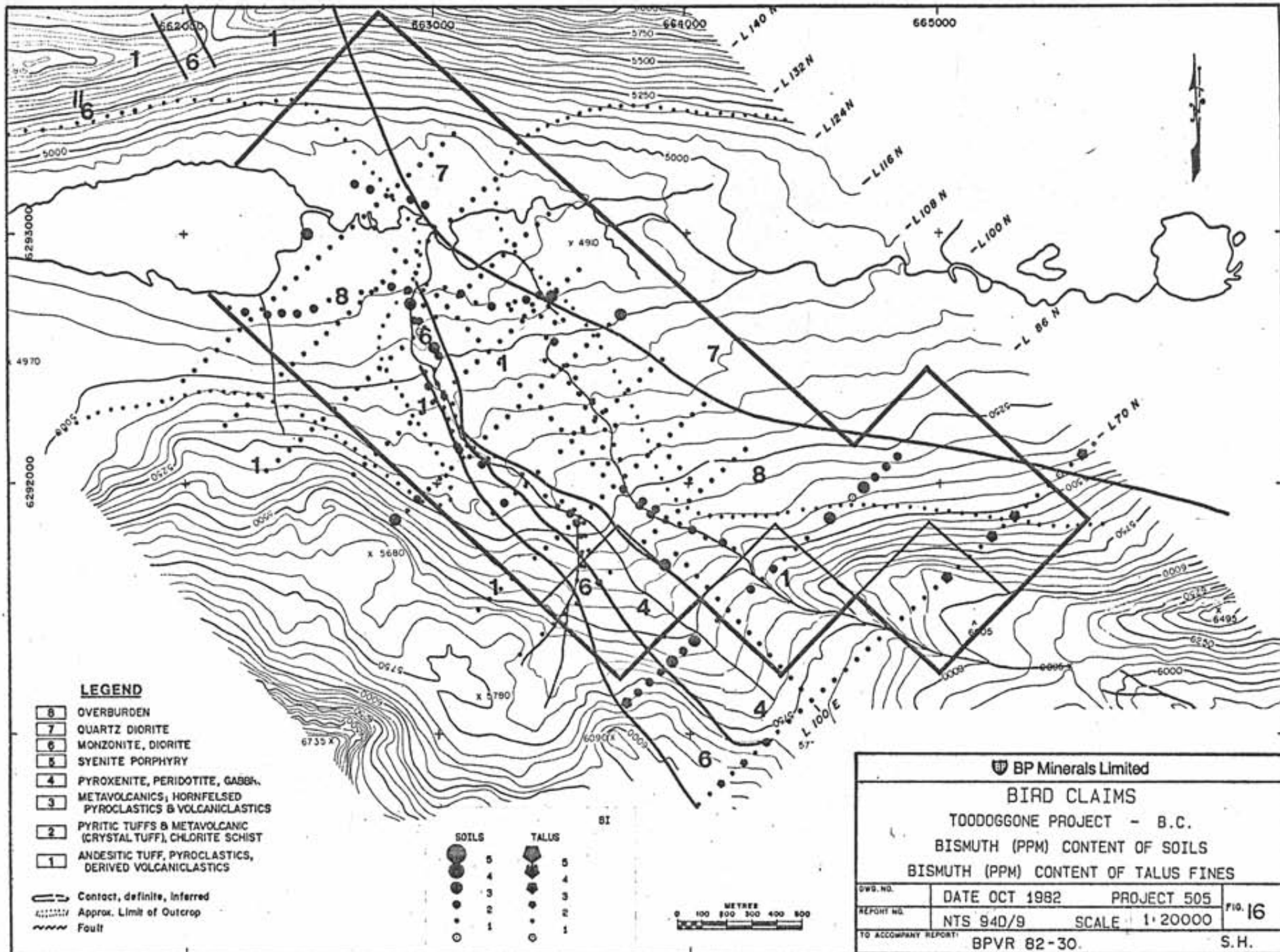
ANTIMONY (PPM) CONTENT OF SOILS

ANTIMONY (PPM) CONTENT OF TALUS FINES

|                      |               |               |         |
|----------------------|---------------|---------------|---------|
| DWG. NO.             | DATE OCT 1982 | PROJECT 505   | FIG. 15 |
| REPORT NO.           | NTS 94D/9     | SCALE 1:20000 |         |
| TO ACCOMPANY REPORT: |               |               | S.H.    |

BPVR 82-30.



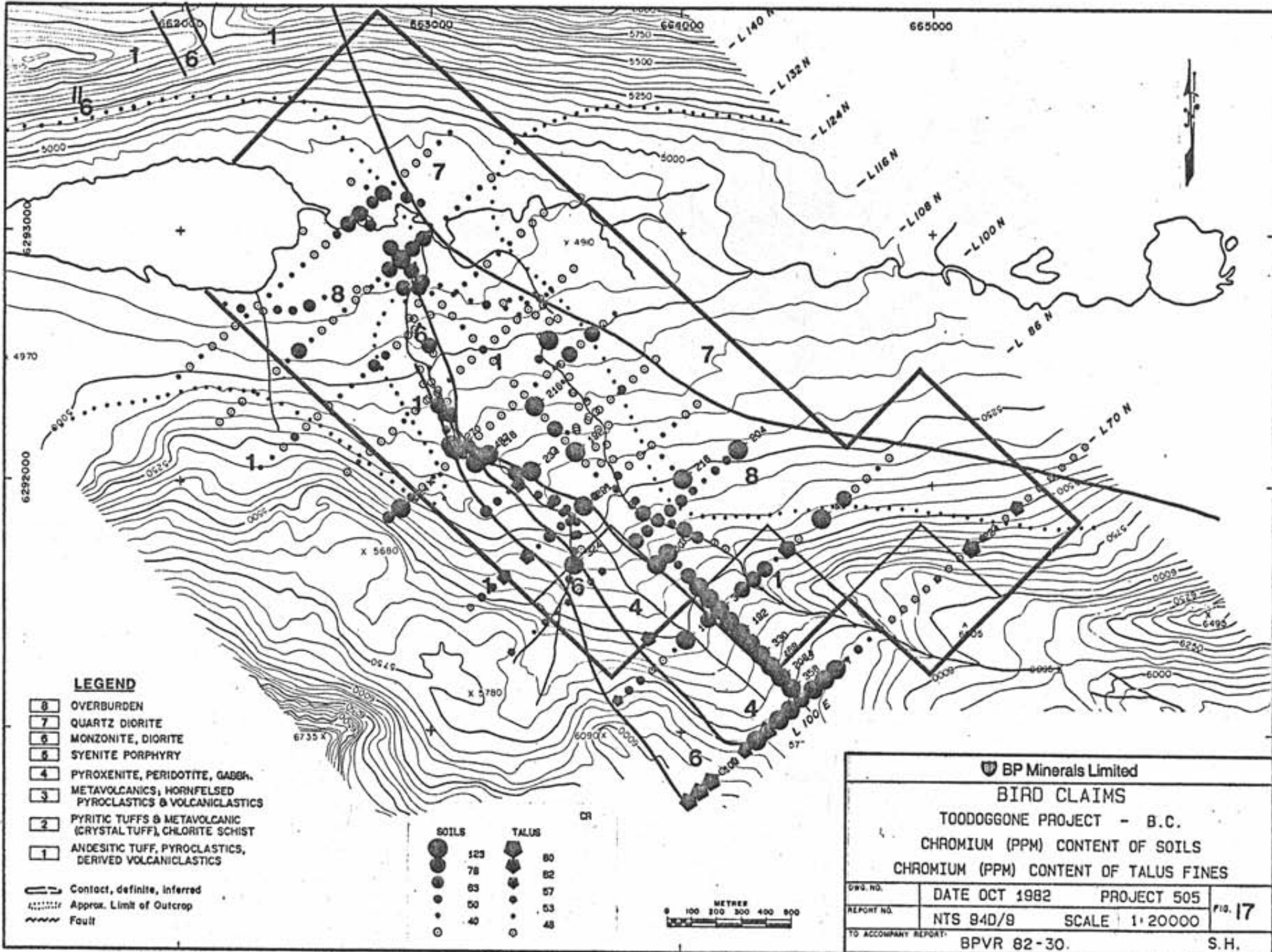


15. Chromium (Fig. 17)

The chromium distribution follows that of nickel, cobalt, and manganese. Highest values are found in the solifluction lobe and along the upper reaches of the western creek. Accumulation of chromium also characterizes the alluvial fan deposited by the western creek. By contrast, the eastern creek is not chromium-rich. The geochemical survey for chromium is not sufficiently large to be able to use patterns to document evidence of glacial dispersion.

16. Vanadium (Fig. 18)

Above average vanadium contents characterize an approximate east-west trending belt almost 1 km wide which centres on the 5200 foot (1585m) contour. This trend characterizes unaltered, andesitic tuffs and pyroclastics in the west, the cobalt-manganese-nickel-arsenic anomaly along the western creek, the eastern creek and the plateau regions between both creeks and in the east. The eastern zone is underlain by volcanic lithologies, but much of the area is overburden covered. The western creek is underlain by diorite and ultramafic intrusive rocks. The vanadium pattern may be indicative of the predominance of vanadium-rich volcanic bedrock at the 5200 foot (1585m) elevation or be a reflection of glacial dispersion along the main valley to the north.



**LEGEND**

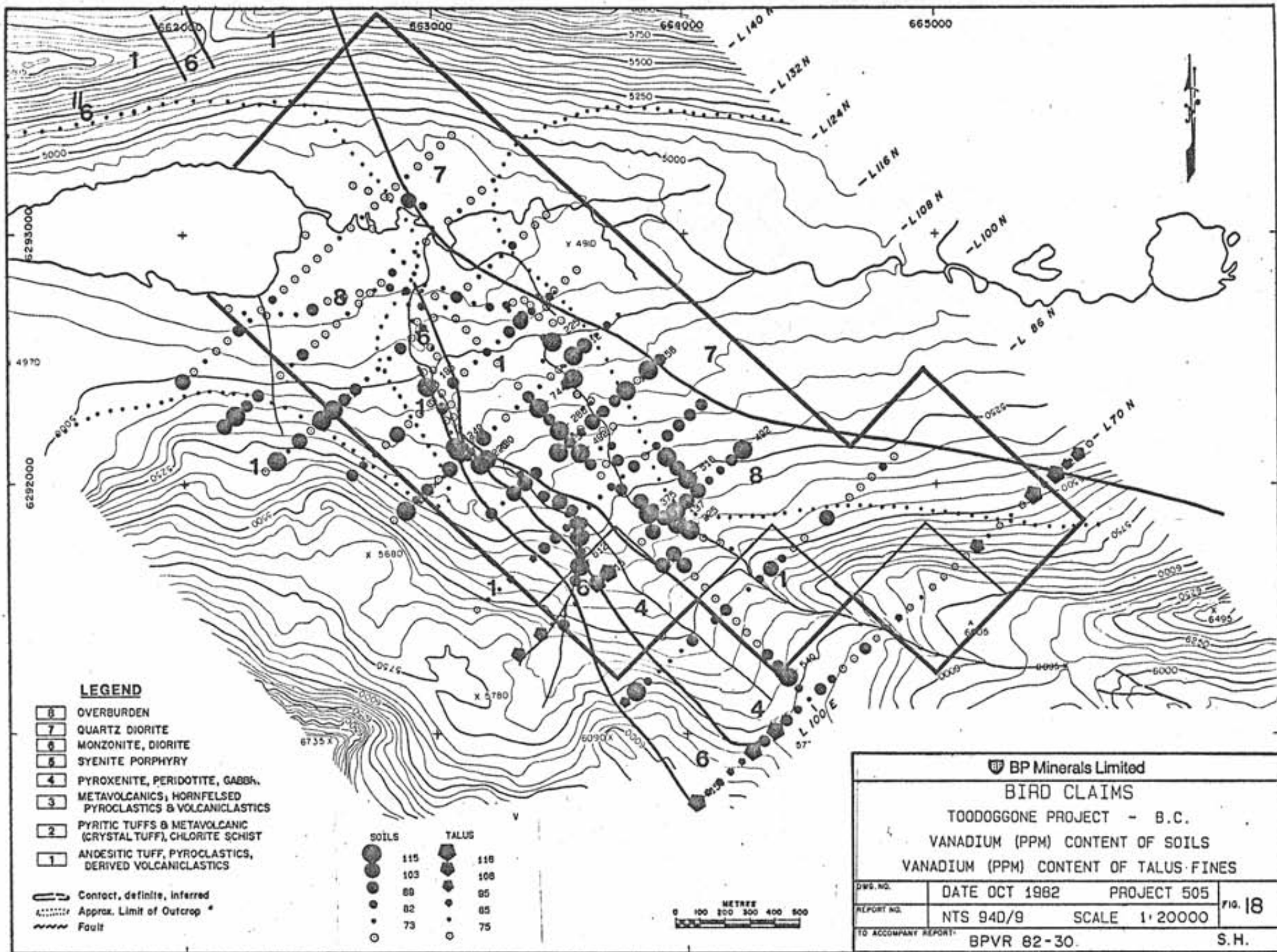
- 8 OVERBURDEN
- 7 QUARTZ DIORITE
- 6 MONZONITE, DIORITE
- 5 SYENITE PORPHYRY
- 4 PYROXENITE, PERIDOTITE, GABBRO, METAVOLCANICS, HORNFELSED PYROCLASTICS & VOLCANICLASTICS
- 3 PYRITIC TUFFS & METAVOLCANIC (CRYSTAL TUFF), CHLORITE SCHIST
- 2 ANDESITIC TUFF, PYROCLASTICS, DERIVED VOLCANICLASTICS
- 1

Contact, definite, inferred  
 Approx. Limit of Outcrop  
 Fault

| SOILS |     | TALUS |    |
|-------|-----|-------|----|
|       | 125 |       | 80 |
|       | 78  |       | 62 |
|       | 63  |       | 57 |
|       | 50  |       | 53 |
|       | 40  |       | 48 |



|                                       |               |               |         |
|---------------------------------------|---------------|---------------|---------|
| <b>BP Minerals Limited</b>            |               |               |         |
| <b>BIRD CLAIMS</b>                    |               |               |         |
| TOODOGGONE PROJECT - B.C.             |               |               |         |
| CHROMIUM (PPM) CONTENT OF SOILS       |               |               |         |
| CHROMIUM (PPM) CONTENT OF TALUS FINES |               |               |         |
| DRG. NO.                              | DATE OCT 1982 | PROJECT 505   |         |
| REPORT NO.                            | NTS 94D/9     | SCALE 1:20000 | FIG. 17 |
| TO ACCOMPANY REPORT:                  |               |               | S.H.    |
| BPVR 82-30.                           |               |               |         |





17. Aluminum (Fig. 19)

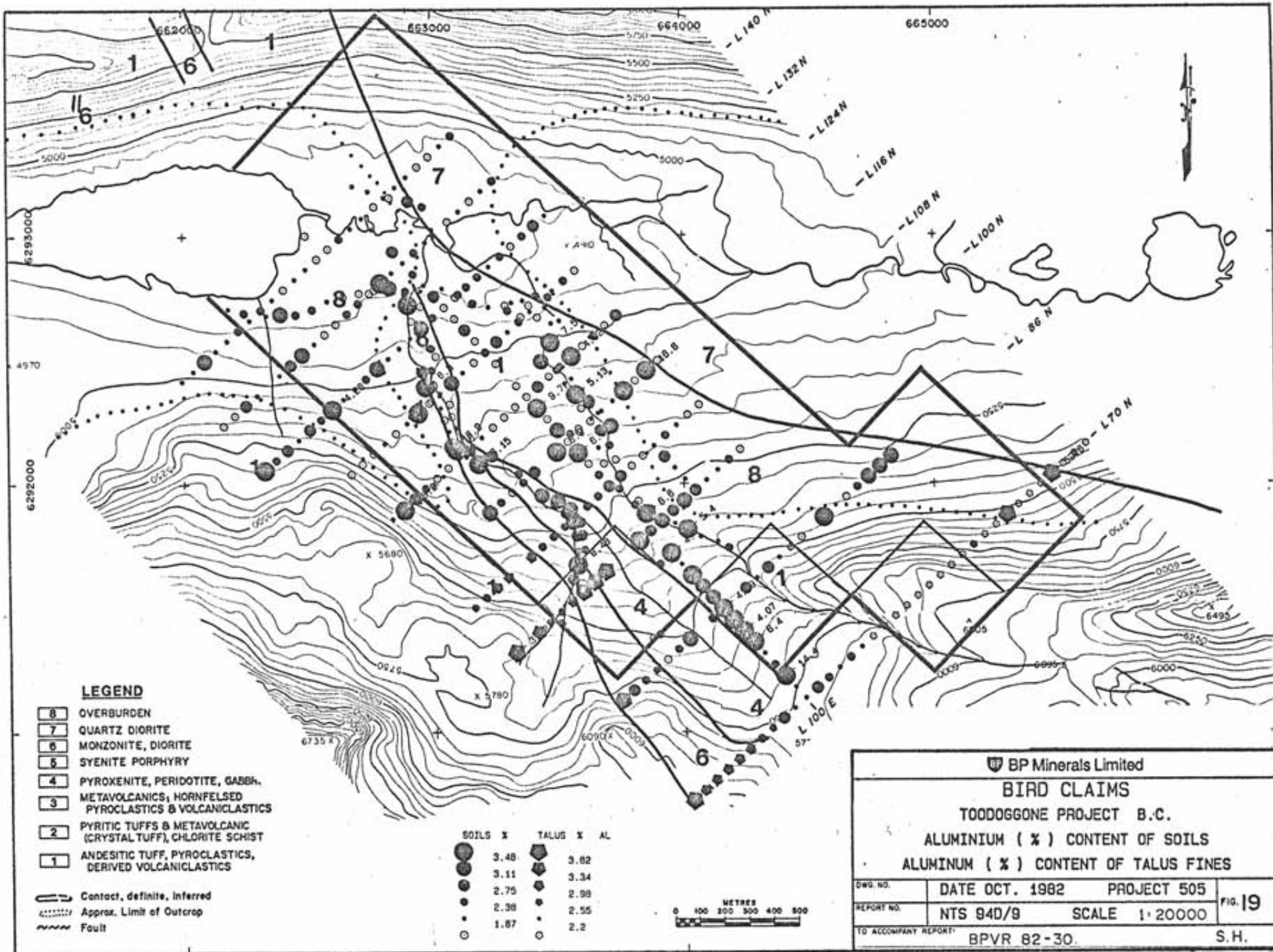
Soluble aluminum content of soil samples reflects alteration and/or clay mineral content. In view of the fact that sampling variability can control clay contents, a somewhat noisy distribution is to be expected and is observed on BIRD.

Anomalous conditions are superimposed on the background distribution. The solifluction lobe is aluminum-rich, but this might be due to breakdown of feldspars in the acidic groundwater regime. The cobalt-nickel-manganese-arsenic anomaly is aluminum-rich as are other locations along the western creek. The middle portions of the eastern creek exhibit an aluminum anomaly coinciding with the gold-lead-zinc anomaly. By contrast to many of the other distributions, aluminum contents are not high in the alluvial fans in the north.

18. Potassium (Fig. 20)

Potassium contents are similarly affected by the percentage of clay minerals in a sample which is, in part, related to sample location. Despite potential variability attributed to sampling, the potassium distribution is relatively noise free.

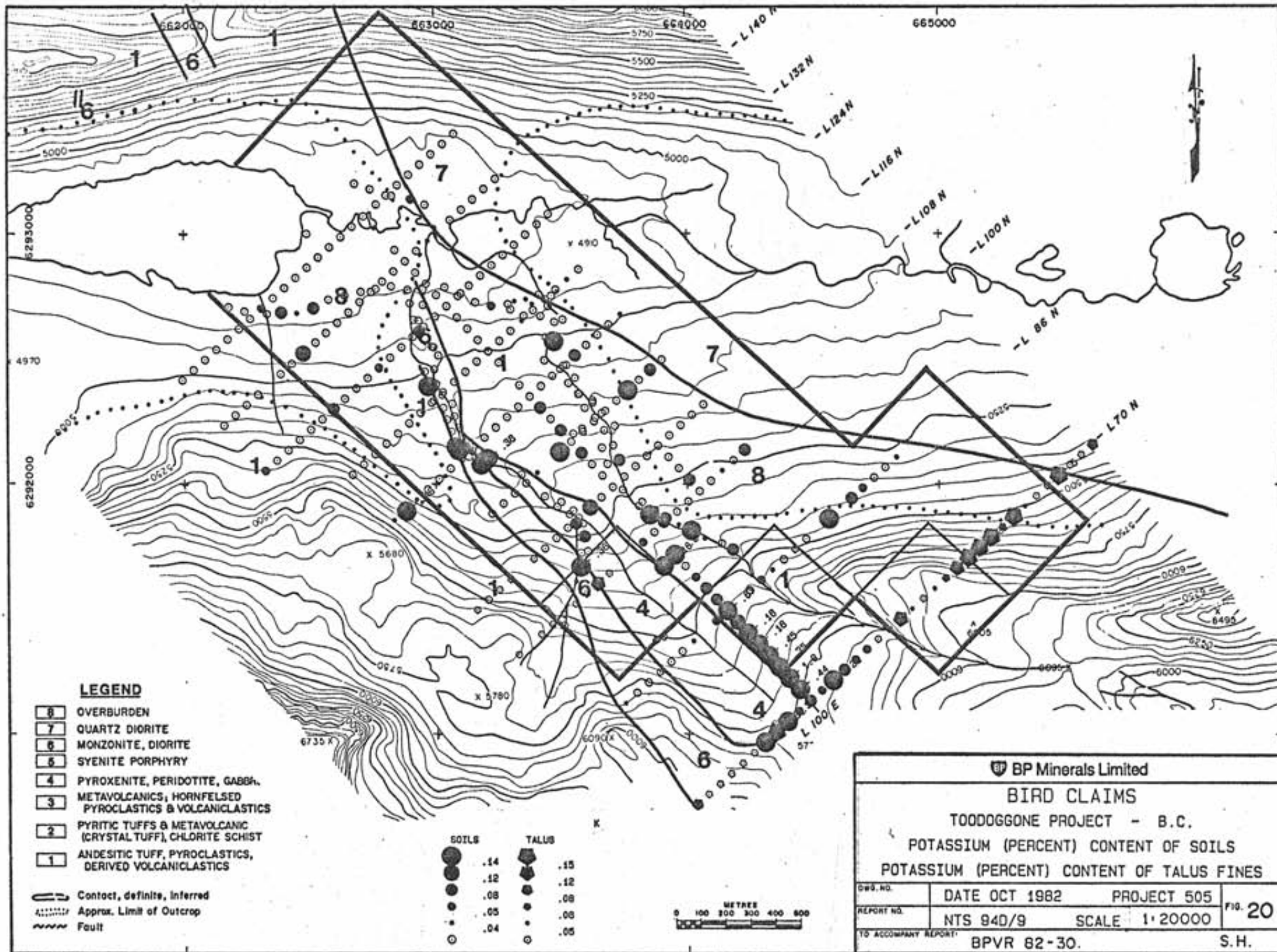
Potassium enrichment is most strikingly associated with the solifluction lobe. Talus fines in the southeast are also potassium-rich, as are isolated bank



BP Minerals Limited  
**BIRD CLAIMS**  
 TOODOGGONE PROJECT B.C.  
 ALUMINIUM ( %) CONTENT OF SOILS  
 ALUMINIUM ( %) CONTENT OF TALUS FINES

|                      |                |               |         |
|----------------------|----------------|---------------|---------|
| DWG. NO.             | DATE OCT. 1982 | PROJECT 505   | FIG. 19 |
| REPORT NO.           | NTS 94D/8      | SCALE 1:20000 |         |
| TO ACCOMPANY REPORT: |                |               | S.H.    |

BPVR 82-30



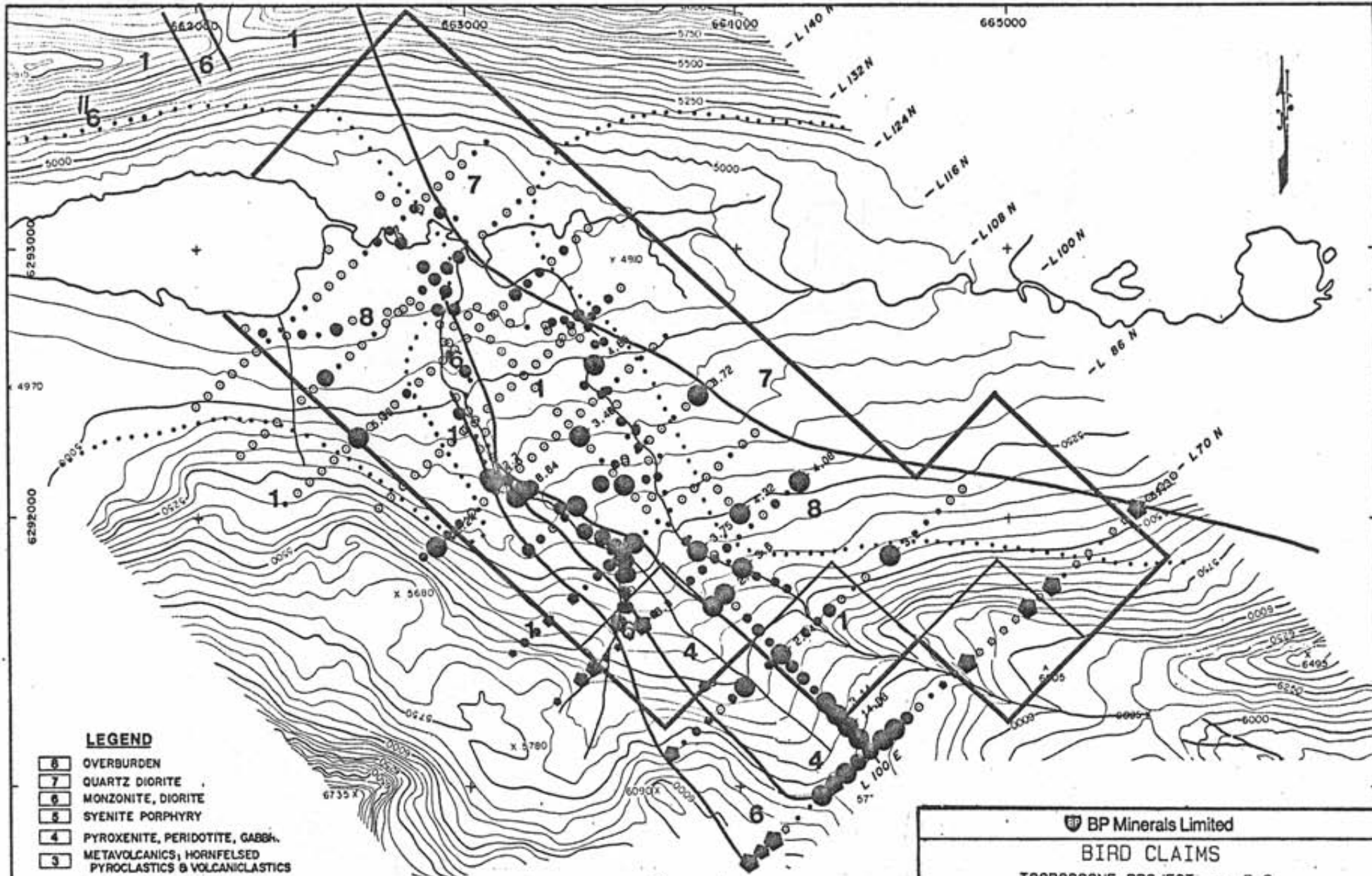
soils along both creeks. Potassium accumulation is not particularly common in soils taken on plateau regions away from previously described anomalies.

19. Magnesium (Fig. 21)

Magnesium has accumulated within the upper portions of the solifluction lobe and associated with the cobalt-nickel-manganese-arsenic anomaly along the western creek. Isolated zones of magnesium-rich soils are found along the eastern creek and weak anomalies characterize the alluvial deposits of both creeks in the north. Samples containing high magnesium levels are found in isolated locations associated with talus fans or the overburden covered plateau.

20. Calcium (Fig. 22)

The calcium distribution is more erratic than that of magnesium, although enrichment zones correlate with the solifluction lobe and the cobalt-nickel-manganese-arsenic anomaly. Calcium-rich soils characterize sampling below 4950 feet (1509m) elevations associated with the alluvial plain of the major creek marking the northern limit of the survey. Erratic calcium enhancement characterizes many areas below 5500 feet, (1676m) but soils above this elevation tend to be calcium-poor.



**LEGEND**

- 8 OVERBURDEN
- 7 QUARTZ DIORITE
- 6 MONZONITE, DIORITE
- 5 SYENITE PORPHYRY
- 4 PYROXENITE, PERIDOTITE, GABBRO, METAVOLCANICS, HORNFELSED
- 3 PYROCLASTICS & VOLCANICLASTICS
- 2 PYRITIC TUFFS & METAVOLCANIC (CRYSTAL TUFF), CHLORITE SCHIST
- 1 ANDESITIC TUFF, PYROCLASTICS, DERIVED VOLCANICLASTICS

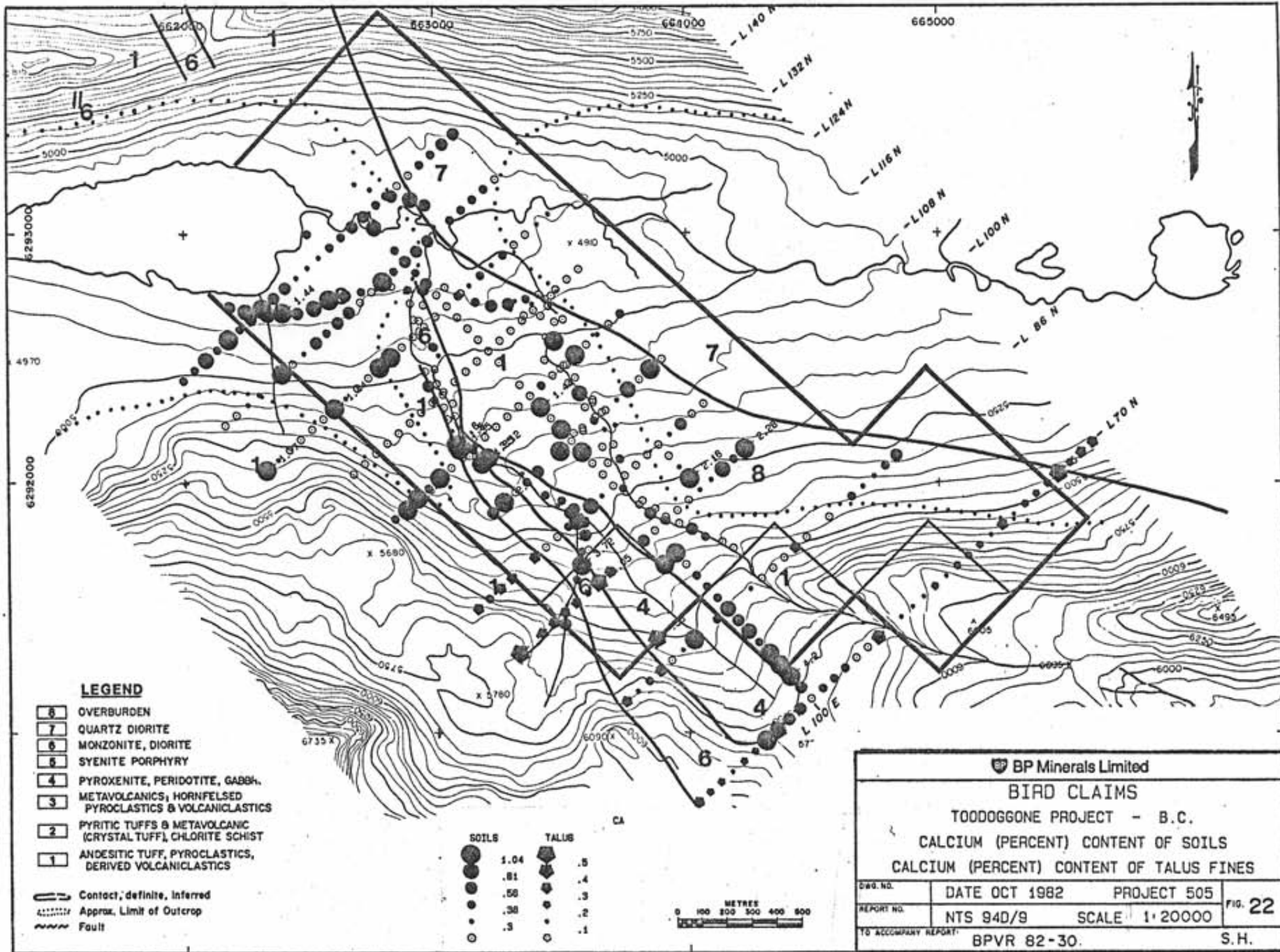
- Contact, definite, inferred
- Approx. Limit of Outcrop
- ~ Fault

| SOILS |      | TALUS |     |
|-------|------|-------|-----|
| ●     | 2    | ●     | 2   |
| ●     | 1.75 | ●     | 1.8 |
| ●     | 1.45 | ●     | 1.4 |
| ●     | 1.11 | ●     | 1.2 |
| ○     | .89  | ○     | 1   |



|                                            |               |               |         |
|--------------------------------------------|---------------|---------------|---------|
| <b>BP Minerals Limited</b>                 |               |               |         |
| <b>BIRD CLAIMS</b>                         |               |               |         |
| TOODOGGONE PROJECT - B.C.                  |               |               |         |
| MAGNESIUM (PERCENT) CONTENT OF SOILS       |               |               |         |
| MAGNESIUM (PERCENT) CONTENT OF TALUS FINES |               |               |         |
| DWS. NO.                                   | DATE OCT 1982 | PROJECT 505   |         |
| REPORT NO.                                 | NTS 940/9     | SCALE 1:20000 | FIG. 21 |
| TO ACCOMPANY REPORT: BPVR 82-30.           |               |               | S.H.    |





BP Minerals Limited  
**BIRD CLAIMS**  
 TOODOGGONE PROJECT - B.C.  
 CALCIUM (PERCENT) CONTENT OF SOILS  
 CALCIUM (PERCENT) CONTENT OF TALUS FINES

|                                  |               |               |         |
|----------------------------------|---------------|---------------|---------|
| DWG. NO.                         | DATE OCT 1982 | PROJECT 505   | FIG. 22 |
| REPORT NO.                       | NTS 94D/9     | SCALE 1:20000 |         |
| TO ACCOMPANY REPORT: BPVR 82-30. |               |               | S.H.    |

21. Sodium (Fig. 23)

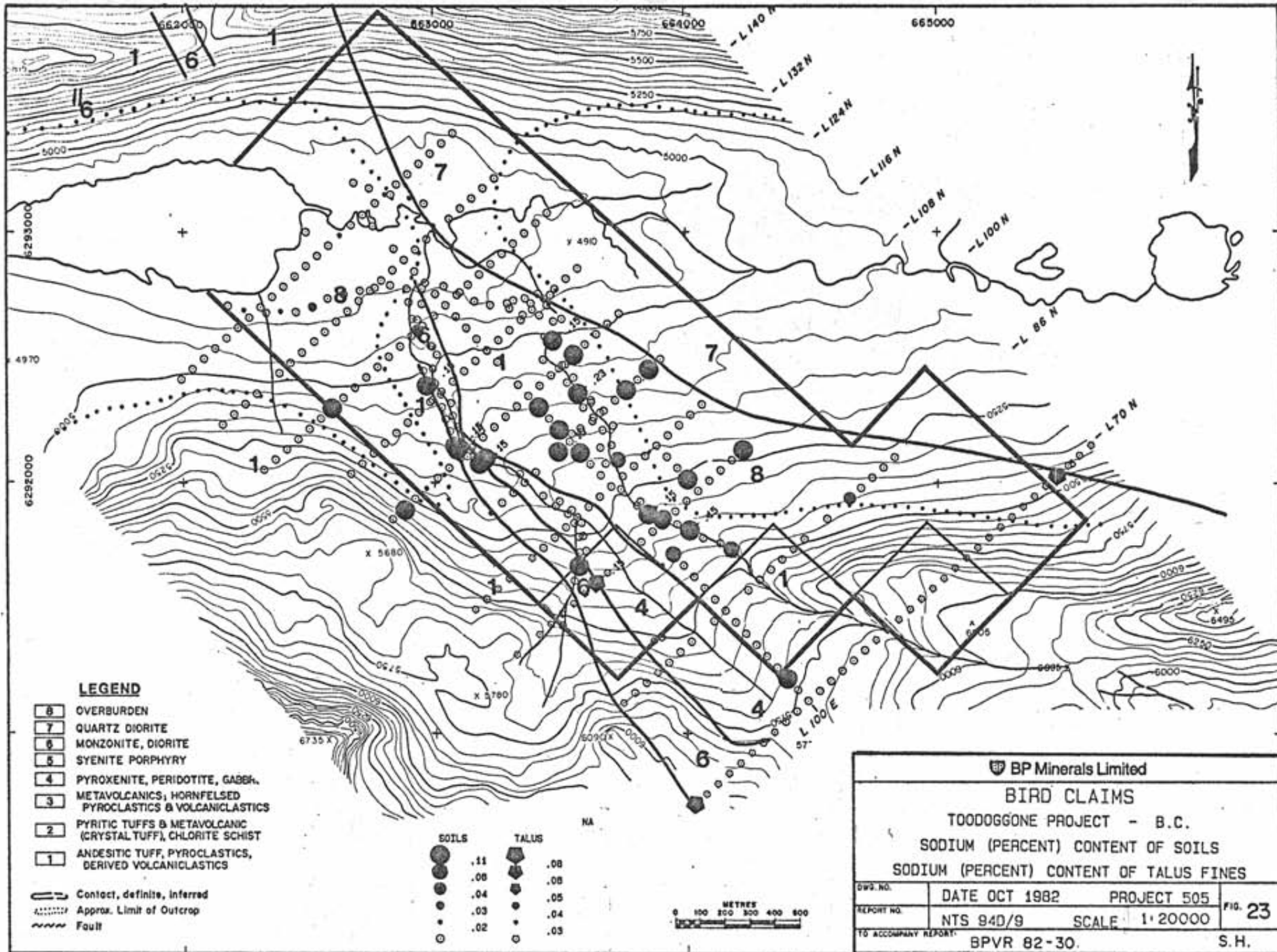
Sodium levels are most often at the detection limit of 0.01%. Sodium enrichment is specific to the centre of the grid, and most samples rich in sodium cluster along the two northward draining creeks. Sodium enhancement is also found on plateau regions between the two creeks and in the east in a pattern similar to that of gold, lead, zinc, and iron. The solifluction lobe and talus fans are impoverished in sodium content. Sodium accumulation may relate to sampling parameters (clay-rich soils) or more likely be due to high albite concentrations in the soil.

22. Strontium (Fig. 24)

The strontium pattern most resembles that of calcium, accumulation characterizing the alluvial deposits of the main creek in the north, the cobalt-nickel-manganese-arsenic anomaly along the western creek, and the solifluction lobe. Many of the soils within the gold-lead-zinc-iron anomaly are also strontium-rich.

23. Barium (Fig. 25)

The barium distribution is very similar to that of strontium, but less noisy. Homogeneous anomalous levels of barium reflect the solifluction lobe and alluvial deposits of the main creek in the north. More heterogeneous is the anomalous distribution associated with the cobalt-nickel-manganese-arsenic anomaly. Isolated clusters of barium-rich soils are found on plateau regions indicated by the gold-lead-zinc-iron distributions.



BP Minerals Limited

**BIRD CLAIMS**

TOODOGGONE PROJECT - B.C.

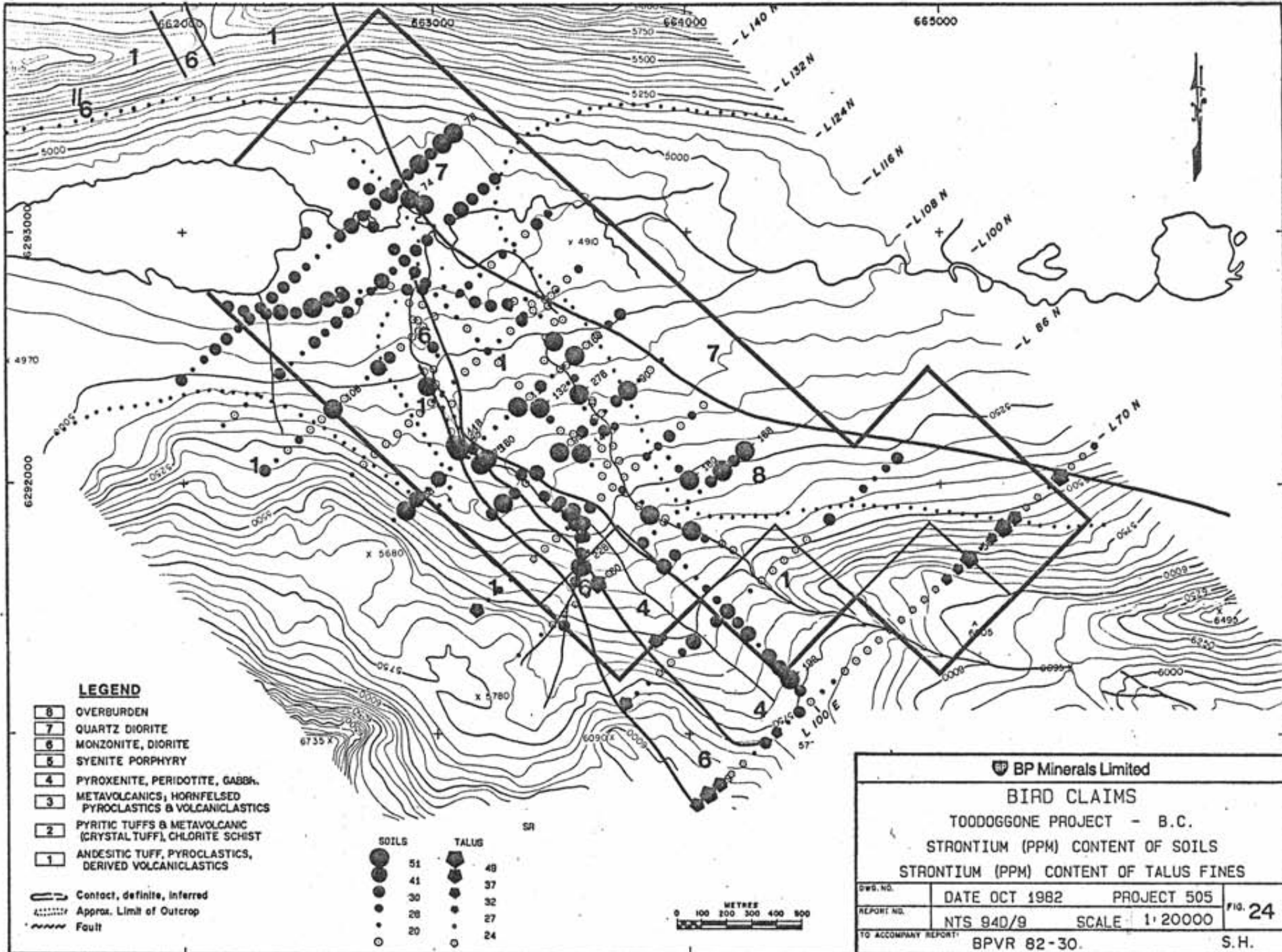
SODIUM (PERCENT) CONTENT OF SOILS

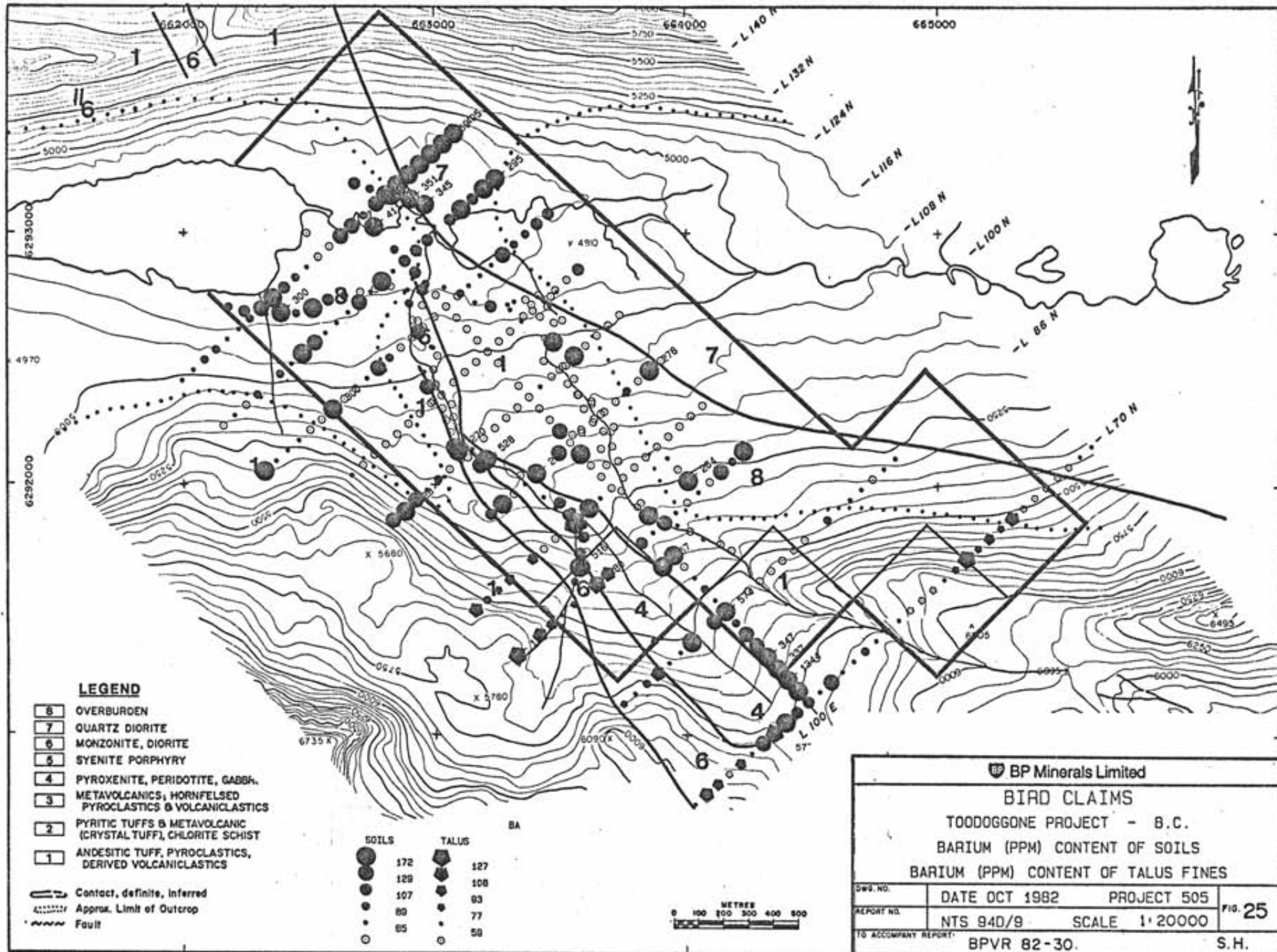
SODIUM (PERCENT) CONTENT OF TALUS FINES

|            |               |               |         |
|------------|---------------|---------------|---------|
| DWG. NO.   | DATE OCT 1982 | PROJECT 505   | FIG. 23 |
| REPORT NO. | NTS 94D/9     | SCALE 1:20000 |         |

TO ACCOMPANY REPORT: BPVR 82-30. S.H.







### Discussion of Results

Initial exploration history on BIRD centered on a quartz stockwork containing traces of molybdenite and chalcopyrite located along the western creek near the main valley. The present study confirms the anomalous character of this zone in copper and molybdenum, but other elements are not particularly enriched. Extensions of the stockwork zone must lie beneath the overburden covered plateau on one or both sides of the creek valley or at depth for it to have an economic potential. Diamond drilling to the east has restricted its eastern margin and further evaluation is given low priority.

Recent work has defined an additional two zones of interest. The most outstanding metal-rich zone correlates with a solifluction lobe in the south. Exceptionally high concentrations of copper, nickel, cobalt, manganese, chromium, potassium, magnesium, strontium, barium and calcium have been homogenized by groundwater. The metal association is indicative of a basic to ultrabasic affinity, corresponding to mapped underlying geology. The potassium anomaly is unusual in this respect but probably reflects potassium alteration associated with the mineralizing event, which in turn is probably structurally controlled by the NIK fault extending from the SHRED claims in the south. The anomaly merits priority followup.

A more heterogeneous anomaly having basically the same element association lies along strike to the north, noted particularly in the base of slope environment of the upper reaches of the western creek. Weak arsenic enrichment accompanies other elements. The non-homogeneous nature of the metal-rich zone is probably related to a drier, more well drained soil environment. The restricted lateral dimensions of the anomalous zone are considered to be functions of structure and masking deposits of overburden on plateau regions beside the creek.

Both the solifluction anomaly and the nickel-cobalt-manganese-arsenic anomaly are about 800 metres long, and have an aggregate length of over 1.5 km. Evidence of massive sulphides outcropping or subcropping on the SHRED claims in the south and the metal association suggests that the anomalies on BIRD should be evaluated for a massive sulphide potential using electromagnetic techniques. Absence of prominent gold and silver anomalies may indicate that any massive sulphide discovered by this followup will be low in these precious metals.

Silver contents are at background levels on BIRD but gold concentrations to anomalous levels cluster on the east-central portion of the claims in association with lead, zinc, weak copper, and iron enrichment. Overburden cover apparently controls anomaly character, accumulation of metals being particularly prominent in the valley of the eastern creek and sporadic on plateau regions away from the creek.

The importance of overburden in concealing a significant occurrence of a volcanic-hosted gold-base metal prospect can only be surmised. The previous report (no. 5254) indicated the unusual occurrence of extremely acidic soils between the two creeks. Values in the order of pH 4.5 or less were recorded, an abnormally low value for any environment in British Columbia. The marked accumulation of iron in association suggests presence of significant concentrations of pyrite which are oxidizing to produce the acidic soils and promoting leaching of many elements.

The origin of the overburden in this area is unknown, and with the exception of vanadium which suggests downvalley glacial dispersion, marker element clastic dispersion anomalies are not available to guide interpretation. Overburden thickness is in the order of 5 m. Followup of the gold-lead-zinc anomaly requires deep overburden drilling to the bedrock overburden interface.

The claims in the north overlying the alluvial plain in the main valley cannot be assessed geochemically. Anomalous patterns associated with alluvial fans of two northward draining tributaries are also assigned no priority for future investigation.

## Conclusions

Three anomalous zones are identified on BIRD. The most outstanding is at least 1.5 km long, being rich in copper, nickel, cobalt, manganese, chromium, potassium, calcium, magnesium, barium and strontium. The metal association, fault control, and basic to ultrabasic nature of the underlying bedrock suggests future investigations should search for a massive sulphide target similar to that observed along the same structure on the SHRED claims to the south. Second in importance is a gold, lead, zinc, weak copper anomaly dispersed over a 1 km<sup>2</sup> area. Followup comprising mapping and deep overburden drilling is necessary to define the geological target. The third anomalous zone is reflected by copper and molybdenum associated with the quartz stockwork drill tested in 1975. The dimensions of this zone are probably limited and further work is not recommended.



Appendix 1

Analytical Procedures

1. Gold analysis
2. ICP Multielement analysis



VANGEOCHEM LAB LTD. 1521 PEMBERTON AVE., NORTH VANCOUVER, B.C., CANADA 986-521

V7P-2S3

October 7, 1982

To: BP Exploration Canada Ltd.  
Suite 700, 890 W. Pender Street  
Vancouver, B.C. V6C 1K5

From: Vangeochem Lab Ltd.  
1521 Pemberton Avenue  
North Vancouver, B.C. V7P 2S3

Subject: Analytical procedure used to determine Aqua Regia soluble gold  
in geochemical samples.  
Re: 1982 Project 505 Gold analyses.

1. Method of Sample Preparation

- (a) Geochemical soil, silt or rock samples were received in the laboratory in wet-strength 4 x 6 Kraft paper bags or rock samples sometimes in 8" x 12" plastic bags.
- (b) The dried soil and silt samples were sifted by hands using a 8" diameter 80-mesh stainless steel sieve. The plus 80-mesh fraction was rejected and the minus 80-mesh fraction was transferred into a new bag for analysis later.
- (c) The dried rock samples were crushed by using a jaw crusher and pulverized to 100 - mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for later analysis.

2. Method of Digestion

- (a) 5.00 - 10.00 grams of the minus 80-mesh samples were used. Samples were weighed out by using a top-loading balance into beakers.
- (b) 20 ml of Aqua Regia (3:1 HCL : HNO<sub>3</sub>) were used to digest the samples over a hot plate vigorously.
- (c) The digested samples were filtered and the washed pulps were discarded and the filtrate was reduced to about 5 ml.
- (d) The Au complex ions were extracted into diisobutyl ketone and thiourea medium. (Anion exchange liquids "Aliquot 336").

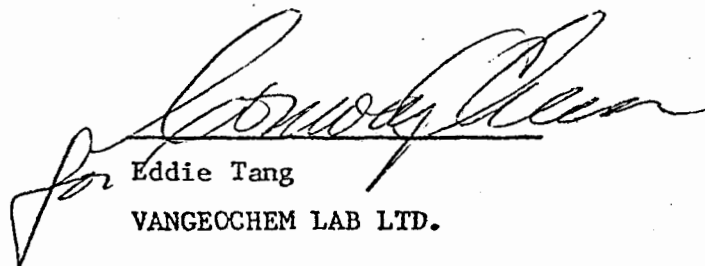
... 2

(e) Separate Funnels were used to separate the organic layer.

3. Method of Detection

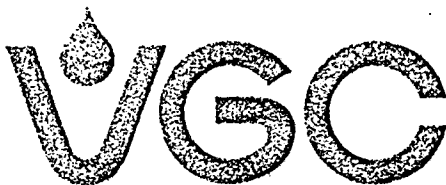
The gold analyses were detected by using a Techtron model AA5 Atomic Absorption Spectrophotometer with a gold hollow cathode Lamp. The results were read out on a strip chart recorder. A hydrogen lamp was used to correct any background interferences. The gold values in parts per billion were calculated by comparing them with a set of gold standards.

4. The analyses were supervised or determined by Mr. Conway Chun or Mr. Eddie Tang and his laboratory staff.



Eddie Tang  
VANGEOCHEM LAB LTD.

ET: j1



VANGEOCHEM LAB LTD. 1521 PEMBERTON AVE., NORTH VANCOUVER, B.C., CANADA 986-5211  
604-968-2112

V7P 2S3

Oct. 7, 1982

TO: B P Explorations Canada Ltd.  
Suite 700, 890 W. Pender St.  
Vancouver, B C V6C 1K5

FROM: Vangeochem Lab Ltd.  
1521 Pemberton Ave.  
North Vancouver, B. C. V7P 2S3

SUBJECT: Analytical procedure used to determine elements in hot acid soluble  
by ICP. Direct reading emission spectrograph analysis.

Re: 1982 Project 505 I C P Analyses.

1. Method of Sample Preparation

- (a) Geochemical soil, silt, lake sediments or rock samples were received in the laboratory in wet-strength 3½ x 6½ Kraft paper bags and rock samples in 4" x 6" Kraft paper bags.
- (b) The wet samples were dried in a ventilated oven.
- (c) The dried soil and silt samples were sifted by hands using a 8" diameter 80-mesh stainless steel sieves. The plus 80-mesh fraction was rejected and the minus 80-mesh fraction was transferred into a new bag for analysis later.
- (d) The dried rock samples were crushed by using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for later analysis.

2. Method of Digestion

- (a) 0.500 gram of -80 mesh sample was used.
- (b) Samples were digested in a hot water bath with conc. HNO<sub>3</sub> and conc. HCl acids.
- (c) The digested samples were diluted to a fixed volume and shaken well.

... 2

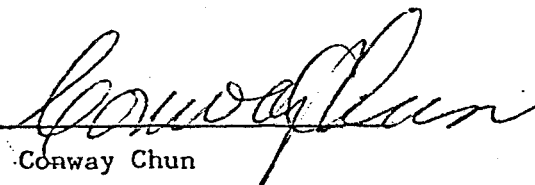
- 2 -

### 3. Method of Analysis

The ICP analyses elements were determined by using Jarrel Ash, model 885. Direct reading emission spectragraph of a inductive coupled plasma excitation source. All major matrix and trace elements are interelement corrected to trace elements. All data is entered into Apple II plus, stored on floppy discs, and printed by Epson 100.

### 4. Analysts

The analyses were supervised by Mr. Dean Toye of Acme Lab Ltd. and his staff.



Conway Chun  
VANGEOCHEM LAB LTD.

Appendix 2

Coding format for geochemical samples.

List of geochemical data.



## LISTING OF BIRD

JULY 19, 1982

PART 1 PAGE 1

| RECD | TY | YE | PRJ   | ID     | UTM-E | UTM-N | NTS   | pH      | ROK           | SCINT      | SLPE       | Mo   | Cu   | Pb | Zn  | Ni  |    |
|------|----|----|-------|--------|-------|-------|-------|---------|---------------|------------|------------|------|------|----|-----|-----|----|
| 1    | 61 | 74 | 505 A | 800534 | 9820  | 9610  | 94D09 | 21 16   | 5.2 Q 5 TF    | 3 0        | 15NW       | 1    | 63   | 12 | 52  | 22  |    |
| 2    | 50 | 74 | 505 A | 800536 | 9790  | 9590  | 94D09 | 221 16  | 5.7 3 0 20R1C | 1 0        | 5N         | 2    | 95   | 10 | 44  | 133 |    |
| 3    | 61 | 74 | 505 A | 800537 | 9160  | 11580 | 94D09 | 221 16  | 5.0 3 0 5 TF  | 2 0        | 10NE       | 1    | 418  | 6  | 37  | 24  |    |
| 4    | 61 | 74 | 505 A | 800538 | 9170  | 13150 | 94D09 | 351 181 | 5.5 3 0 5 TF  | 112 1      | 35W        | 16   | 177  | 11 | 38  | 17  |    |
| 5    | 50 | 74 | 505 A | 800733 | 7900  | 15900 | 94D09 | 251 26  | 5.5 315 25BBM | 10YR33 7 0 | 2N         | 1    | 63   | 9  | 33  | 15  |    |
| 6    | 50 | 74 | 505 A | 800736 | 8010  | 15720 | 94D09 | 251 26  | 5.7 510 20BBM | 10YR21 5   | 2N         | 1    | 99   | 13 | 55  | 22  |    |
| 7    | 50 | 74 | 505 A | 800741 | 8200  | 15500 | 94D09 | 251426  | 5.8 320 30BBM | 10YR32 7 0 | 2N         | 1    | 57   | 8  | 45  | 11  |    |
| 8    | 50 | 74 | 505 A | 800742 | 8350  | 15390 | 94D09 | 251426  | 5.7 320 30BBM | 10YR32 7 0 | 2N         | 1    | 123  | 13 | 61  | 24  |    |
| 9    | 50 | 74 | 505 A | 800744 | 8495  | 15250 | 94D09 | 231426  | 5.5 525 35BBM | 10YR33 5   | 2N         | 1    | 116  | 12 | 51  | 21  |    |
| 10   | 50 | 74 | 505 A | 800747 | 8700  | 15150 | 94D09 | 932326  | 4.8 470 8501C | 25YN51     | 2N         | 1    | 121  | 11 | 62  | 28  |    |
| 11   | 50 | 74 | 505 A | 800749 | 8920  | 15100 | 94D09 | 932 26  | 5.8 320 30BBM | 10YR32 8 0 | 2N         | 1    | 73   | 9  | 60  | 14  |    |
| 12   | 50 | 74 | 505 A | 800751 | 9110  | 15000 | 94D09 | 232 26  | 5.5 325 35BBM | 10YR32 8 0 | 2N         | 2    | 66   | 8  | 63  | 14  |    |
| 13   | 50 | 74 | 505 A | 800754 | 9300  | 14890 | 94D09 | 231426  | 5.1 215 25BBM | 75YR42 5   | 2N         | 1    | 25   | 7  | 20  | 8   |    |
| 14   | 50 | 74 | 505 A | 800755 | 9470  | 14790 | 94D09 | 231426  | 4.9 220 30BBM | 10YR44 8 0 | 2N         | 1    | 17   | 9  | 20  | 7   |    |
| 15   | 50 | 74 | 505 A | 800756 | 9640  | 14680 | 94D09 | 251226  | 5.5 525 35BBM | 75YR32 6 0 | 2N         | 6    | 62   | 11 | 20  | 8   |    |
| 16   | 50 | 74 | 505 A | 800757 | 9770  | 14500 | 94D09 | 531 24  | 5.1 5 5 15R1C | 10YR33 1 0 | 2N         | 5    | 1158 | 11 | 55  | 37  |    |
| 17   | 50 | 74 | 505 A | 800762 | 9920  | 14370 | 94D09 | 521424  | 5.4 320 30BBM | 10YR42 5   | 2N         | 4    | 1204 | 9  | 58  | 44  |    |
| 18   | 50 | 74 | 505 A | 800763 | 10000 | 14400 | 94D09 | 521424  | 5.4 315 25BBM | 10YR43 5   | 2N         | 3    | 1572 | 10 | 79  | 43  |    |
| 19   | 50 | 74 | 505 A | 800766 | 10150 | 14200 | 94D09 | 231426  | 5.0 320 30BBM | 10YR44 5   | 2N         | 1    | 26   | 8  | 41  | 11  |    |
| 20   | 50 | 74 | 505 A | 800767 | 10250 | 14000 | 94D09 | 231426  | 5.2 320 30BBM | 10YR44 5   | 2N         | 1    | 32   | 11 | 46  | 14  |    |
| 21   | 50 | 74 | 505 A | 800768 | 10310 | 13785 | 94D09 | 231426  | 5.6 320 30BBM | 10YR44 2 5 | 2N         | 1    | 46   | 11 | 34  | 13  |    |
| 22   | 50 | 74 | 505 A | 800770 | 10430 | 13610 | 94D09 | 252426  | 5.9 320 30BBM | 10YR42 2 5 | 4N         | 4    | 199  | 9  | 170 | 20  |    |
| 23   | 50 | 74 | 505 A | 800773 | 10610 | 13480 | 94D09 | 51426   | 5.5 320 30BBM | 10YR32 6 0 | 4N         | 1    | 33   | 11 | 25  | 8   |    |
| 24   | 50 | 74 | 505 A | 800775 | 10825 | 13370 | 94D09 | 231424  | 5.2 320 30BBM | 10YR44 5   | 2N         | 7    | 509  | 18 | 182 | 21  |    |
| 25   | 50 | 74 | 505 A | 800776 | 10990 | 13300 | 94D09 | 531 26  | 5.0 510 25BBM | 10YR44 1   | 2N         | 10   | 506  | 24 | 165 | 20  |    |
| 26   | 50 | 74 | 505 A | 800780 | 11100 | 13180 | 94D09 | 531426  | 4.7 715 25BBM | 75YR32 8 0 | 2N         | 9    | 275  | 20 | 118 | 16  |    |
| 27   | 50 | 74 | 505 A | 800824 | 10200 | 15990 | 94D09 | 531317  | 5.3 410 25LBM | 10YR43     | 1S         | 1    | 32   | 10 | 31  | 12  |    |
| 28   | 50 | 74 | 505 A | 800828 | 10300 | 15800 | 94D09 | 531317  | 4.20 30LBM    | 10YR43     | 1S         | 2    | 39   | 9  | 41  | 13  |    |
| 29   | 50 | 74 | 505 A | 800831 | 10450 | 15550 | 94D09 | 532317  | 5.8 420 30GBG | 5 Y 53     | 1S         | 3    | 28   | 5  | 24  | 11  |    |
| 30   | 50 | 74 | 505 A | 800832 | 10600 | 15350 | 94D09 | 532317  | 5.4 430 4001C | GREYGR     | 1S         | 2    | 128  | 13 | 62  | 26  |    |
| 31   | 50 | 74 | 505 A | 800833 | 10690 | 15170 | 94D09 | 532317  | 4.20 3001C    | 25Y 52     | 1S         | 1    | 62   | 11 | 39  | 19  |    |
| 32   | 50 | 74 | 505 A | 800834 | 9300  | 15930 | 94D09 | 53 422  | 4.6 215 25R1C |            | 2          |      | 206  | 2  | 26  | 16  |    |
| 33   | 50 | 74 | 505 A | 801156 | 10000 | 8600  | 94D09 | 2 1416  | 5.2 3 5 15R1C | 2 0        | 5NW        | 2    | 4316 | 16 | 42  | 167 |    |
| 34   | 60 | 74 | 505 A | 801161 | 8200  | 8600  | 94D09 | 3 14182 | 5.2 3 0 2 TF  | 224        | 40E        | 1    | 102  | 14 | 72  | 24  |    |
| 35   | 50 | 74 | 505 A | 801163 | 8400  | 8600  | 94D09 | 2214182 | 5.3 310 20PBF | 75YR44 2 5 | 5S         | 1    | 55   | 13 | 53  | 17  |    |
| 36   | 50 | 74 | 505 A | 801164 | 8600  | 8600  | 94D09 | 2214182 | 4.9 315 25BBM | 10YR44 6 0 | 4N         | 1    | 63   | 11 | 50  | 21  |    |
| 37   | 60 | 74 | 505 A | 801165 | 8800  | 8600  | 94D09 | 3214182 | 5.3 3 0 2 TF  | 122        | 9 0        | 2    | 63   | 10 | 54  | 16  |    |
| 38   | 50 | 74 | 505 A | 801166 | 9000  | 8600  | 94D09 | 2214182 | 4.9 310 20BBM | 122        | 10YR33 9 5 | 15NE | 2    | 38 | 10  | 30  | 12 |
| 39   | 50 | 74 | 505 A | 801167 | 9200  | 8600  | 94D09 | 4214182 | 5.2 310 20BBM | 122        | 10YR33 7 5 | 10NE | 2    | 93 | 12  | 62  | 21 |
| 40   | 50 | 74 | 505 A | 801169 | 9400  | 8600  | 94D09 | 221416  | 315 25BBM     | 10YR33 1 0 | 8NE        | 3    | 90   | 13 | 71  | 87  |    |
| 41   | 50 | 74 | 505 A | 801170 | 9800  | 8600  | 94D09 | 221 16  | 5.3 310 15R1C | 5 0        | 5NW        | 1    | 4193 | 11 | 61  | 48  |    |
| 42   | 50 | 74 | 505 A | 801171 | 13000 | 8600  | 94D09 | 251216  | 5.4 515 25BBM | 10YR32 8 0 | 5N         | 15   | 885  | 13 | 76  | 21  |    |
| 43   | 50 | 74 | 505 A | 801172 | 12800 | 8600  | 94D09 | 221416  | 4.7 315 25BBM | 75YR44 1 0 | 5N         | 2    | 87   | 14 | 92  | 15  |    |
| 44   | 50 | 74 | 505 A | 801173 | 12600 | 8600  | 94D09 | 221416  | 4.7 315 25BBM | 10YR44 2 0 | 5N         | 5    | 584  | 12 | 94  | 23  |    |
| 45   | 50 | 74 | 505 A | 801174 | 12400 | 8600  | 94D09 | 221416  | 5.0 315 25BBM | 10YR33 1 0 | 5N         | 17   | 371  | 10 | 78  | 19  |    |
| 46   | 50 | 74 | 505 A | 801175 | 12200 | 8600  | 94D09 | 221 16  | 5.4 525 35BBM | YELLBR 8 5 | 5N         | 1    | 180  | 1  | 90  | 50  |    |
| 47   | 50 | 74 | 505 A | 801177 | 11800 | 8600  | 94D09 | 421 16  | 4.7 510 20BBM | 1 0        | 5N         | 5    | 173  | 13 | 94  | 166 |    |
| 48   | 50 | 74 | 505 A | 801179 | 11400 | 8600  | 94D09 | 221 16  | 4.7 310 20BBM | 10YR33 2 5 | 15N        | 3    | 36   | 11 | 33  | 11  |    |
| 49   | 60 | 74 | 505 A | 801180 | 11200 | 8600  | 94D09 | 221 16  | 4.8 3 0 5 TF  | 1 0        | 15N        | 2    | 60   | 12 | 51  | 18  |    |
| 50   | 50 | 74 | 505 A | 801181 | 11000 | 8600  | 94D09 | 221 16  | 4.8 310 20BBM | 2 5        | 15N        | 2    | 36   | 12 | 48  | 12  |    |
| 51   | 50 | 74 | 505 A | 801182 | 10800 | 8600  | 94D09 | 221 16  | 4.8 310 20BBM | 5 0        | 10NW       | 3    | 44   | 12 | 64  | 22  |    |
| 52   | 50 | 74 | 505 A | 801186 | 10600 | 8600  | 94D09 | 221 16  | 4.5 310 20BBM | 10YR32 5 0 | 10N        | 2    | 83   | 10 | 37  | 29  |    |
| 53   | 50 | 74 | 505 A | 801187 | 10400 | 8600  | 94D09 | 221 16  | 4.8 310 20BBM | 10YR44 5 0 | 10N        | 2    | 700  | 10 | 39  | 35  |    |
| 54   | 50 | 74 | 505 A | 801189 | 9670  | 14350 | 94D09 | 451 22  | 4.5 320 30BBM | 10YR32 8 5 | 10E        | 8    | 166  | 10 | 28  | 12  |    |

GENERAL

- 1.1 SI-MPLI \*+2E
- Stream sediment
  - Stream water
  - Seepage (spring) sediment
  - Seepage (spring) water
  - Lake sediment - lake center
  - Lake water
  - Lake sediment - near shore
  - 30±-per 100 cm
  - 30±-stagnant water
  - 30±-below 100 cm
  - 30±-organic material at mineral horizon interface
  - 30±-mineral horizon
  - Soil-top of the B horizon (or top of the C horizon if B horizon absent)
  - Soil-other horizons (organic-rich samples or when 2 samples taken at same hole)
  - Frost boil
  - Seepage boil
  - Deep overburden sample
  - Intermediate overburden
  - Sample (depth determined in field)
  - Talus fines-mid slope
  - Talus fine-in gully
  - Talus fines-base of slope
  - Talus blocks-hand sample
  - Talus block-chips
  - Biogeomemical
  - Radon-track etch
  - Radon-Alpha Meters
  - Radon-emanometers
  - Bedrock hand sample
  - Bedrock chips = hand sample
  - Floot hand sample
  - Floot chips = hand sample
  - Drill core specimens
  - Channel sample
  - Drill sludge
  - Drill chips
  - High grade sample
  - Special samples-specify clearly label if high grade

- 3.4 YEAR
- PROJECT NUMBER
- PROJECT IDENTIFICATION
- Blank reconnaissance  
A, B, C, etc. = properties, anomalies (List 6)
- 5 DUPLICATE SAMPLES
- \*Star both samples (collect T in 30)
- 10, 11 SCHLIER IDENTIFICATION  
=12 (List 7)
- 12-15 SAMPLE NUMBER  
or  
13-15  
leave out all numbers ending in 00 and 50
- 17, 18 UTM ZONE
- see NTS rap sheets; for properties use  
14 Property-feet  
17 Property-meters  
21 Property-other
- 19-24 EAST COORDINATE
- 25-31 NORTH COORDINATE
- 32-33 MAP SHEET NUMBER

- 42 PRECIPITATE
- Record colour (report presence of precipitate in immediate vicinity in stream bed. If heavy precipitate, sample separately).
- 43 OVERBURDEN TRANSPORT
- L. Local M. Mixed local  
E. Extensive & extensive  
U. Unknown
- 45 OVERBURDEN ORIGIN
- Till-angular boulders
  - Outwash-sandy, rounded boulders
  - Lake sediment-sand/silt
  - Alluvium-stream deposit
  - Peat-bog
  - Colluvium<sup>a</sup>
  - Lake sediment-clay
  - Talus
  - Residual
  - Frost boil<sup>a</sup> \*use only if former origin
  - Seepage boil<sup>a</sup> former origin
  - Boulder field<sup>a</sup> cannot be identified
  - Gravel<sup>a</sup> identified
  - Soil<sup>a</sup>

- 46 BEDROCK
- M. Mineralized  
P. Present within 100m-200m upslope  
D. Present within 100m-200m downslope  
B. Underlies sample site  
C. Gossan  
F. Fe surface stains  
R. Radioactivity
- 47, 48 pH
- 49 SAMPLE TEXTURE
- Organic-decomposed
  - Clay
  - Silt and fine sand
  - Sand
  - Gravel
  - Frozen
  - Cemented
  - Precipitate
  - Twigs or undecomposed organic matter

- 50-52 AVERAGE WIDTH OF STREAM-M
- decimal point in col 51 (or col 52 if stream > 10 m wide)
- 53-55 AVERAGE DEPTH OF STREAM-CH
- 56 STREAM VELOCITY
- Dry
  - Stagnant
  - Slow
  - Moderate
  - Fast
  - Turbulent
- 57 INDICATE AS TRIBUTARY
- R. Stream enters on right looking down main stream  
L. Stream enters on left looking down main stream
- 58-60 LOCAL BEDROCK COMPOSITION
- Estimate-use lists 1-4
- 61 COLOR-STREAM SEDIMENTS
- Colour noted in information
- 63-66 CONDUCTIVITY-WATER
- 67 CONTAMINATION
- Blank-none  
P. possible  
D. definite

- 68 ORGANIC FRACTION
- Minor amount of undecomposed twigs, leaves, etc.
  - Large amount of undecomposed twigs, leaves, etc.
  - Minor amount of well-decomposed vegetation
  - Large amount of well-decomposed vegetation
  - Mosses
  - Some sediment grains coated in organic matter
  - All sediment grains coated in organic matter
  - Looks like lake sediment material

- 69 MINERAL FRACTION
- Primarily light coloured silicate minerals
  - Primarily carbonate sand
  - Minor, but notable content of mafic minerals, resitates etc.
  - High proportion of mafics, resitates
- 71 GAMMA SOLID ANGLE
- Ridge
  - Flat surface (2π)
  - Base of section (3π)
  - Deep gullies (4π)
- 72-75 GAMMA COUNT AT SAMPLE SITE
- 76 ROCK
- \*If bedrock is influencing scint counts
- 77, 78 APPROXIMATE SLOPE ANGLE
- 79, 80 APPROXIMATE SLOPE DIRECTION

- SOILS**
- 40 SITE TOPOGRAPHY
- Hill Top
  - Gentle slope
  - Steep slope > 20°
  - Base of slope
  - Valley floor
  - Depression
  - Level
  - Rolling
  - Bog
- 41 SAMPLE ENVIRONMENT
- Tundra-hummocky
  - Tundra-dry
  - Tundra-swampy
  - Grassland, meadows
  - Peat mounds
  - Bog in depression
  - Forest-coniferous
  - Forest-deciduous
  - Forest-mixed
  - Alder or willows
  - Cultivated land
  - Desert, semi-arid
  - Barren
  - Talus fan
  - Bank soil-stream
  - Bank soil-lake
  - Road cut
- 42 SITE DRAINAGE
- Dry
  - Moist
  - Wet
  - Saturated
- 43 OVERBURDEN TRANSPORT
- L. Local  
E. Extensive  
U. Unknown  
M. Mixed - two sources
- 44 WATER MOVEMENT
- Seepage
- 45 OVERBURDEN ORIGIN
- Till-angular boulders
  - Outwash-sandy, rounded boulders
  - Lake sediment-sand/silt
  - Alluvium-stream deposit
  - Peat-bog
  - Colluvium
  - Lake sediment-clay
  - Talus
  - Residual
  - Frost boil<sup>a</sup> \*Use only if former origin
  - Seepage boil<sup>a</sup> formed origin
  - Boulder field<sup>a</sup> cannot be identified
  - Gravel<sup>a</sup>

- 46 BEDROCK
- M. Mineralized  
P. Present within 100m-200m upslope  
D. Present within 100m-200m downslope  
B. Underlies sample site  
C. Gossan  
F. Fe surface stains  
R. Radioactivity
- 48 pH

- 49 SAMPLE TEXTURE
- Organic rock
  - Fibrous, peaty organic matter
  - Very sandy
  - Sandy
  - Sand-silt
  - Sand-silt-clay
  - Silt
  - Silt-clay
  - Clay
  - Gravel
- 50, 51 TOP OF SAMPLE INTERVAL-CH
- 52-54 BOTTOM OF SAMPLE INTERVAL-CH
- 55, 56 SOIL HORIZON
- LH. Leaf, humus layer, undecomposed vegetation lying on the ground surface (do not sample)
- AH. Dark grey to black, organic-rich mineral horizon usually no deeper than 15 cm from the surface (do not sample)
- AE. Grey to white (occasionally brown) leached mineral horizon near ground surface, usually sandy; accompanied by BF or BT horizon at depth (no not sample)
- BH. Black, organic-rich mineral horizon at depths greater than 15 cm (do not sample)
- BF. Red brown, iron-rich horizon
- BT. Brown, clay-rich horizon
- BG. Horizon which is water-saturated most of the year, identified by red brown rootlets
- BM. Brown horizon which is only slightly different in appearance from underlying parent material
- C1, C2, C3, etc.-Parent material for soil
- CA. White calcium carbonate precipitate in C horizon
- Ø1, Ø2, Ø3 etc.-Bog samples at various depths
- TF. Talus fines

- 57 SOIL TYPE
- C. Chernozem-prairie soil usually under grassland or meadow, thick Ah > 10cm, CA horizon at depth
- S. Solonchak-saline soil, high content of NaCl
- L. Luvisol-BT horizon diagnostic
- P. Podzol-BF horizon diagnostic
- B. Brunisol-BM horizon is only B horizon of profile
- A. Regosol-little or no soil development. No B soil horizon, only LH (maybe) and C horizon
- G. Gleysol-BG horizon diagnostic
- B. Organic soil-bog vegetation-no mineral matter

- 58-60 LOCAL BEDROCK COMPOSITION
- Estimate-use lists 1-4
- 61-66 COLOR
- Munsell notation or abbreviation
- 67 CONTAMINATION
- Blank-none  
P. possible  
D. definite
- 68-69 COARSE FRAGMENTS
- 70 SHAPE OF COARSE FRAGMENTS
- A. Angular  
B. Rounded  
S. Subrounded, subangular  
P. Mixed above types
- 71 GAMMA SOLID ANGLE
- Ridge
  - Flat surface (2π)
  - Base of section (3π)
  - Deep gullies (4π)
- 72-75 GAMMA COUNT AT SAMPLE SITE
- Scint reading at ground level over hole
- 76 ROCK
- \*If bedrock is influencing scint counts
- 77, 78 APPROXIMATE SLOPE ANGLE
- 79, 80 APPROXIMATE SLOPE DIRECTION

LIST 1

- INTRUSIVE ROCKS
- QUARTZ RICH
  - Granite
  - Quartz Monzonite
  - Granodiorite
  - Quartz diorite
  - INTERMEDIATE
  - Syenite
  - Monzonite
  - Diorite
  - Gabbro
  - FELDSPATHOID RICH
  - Nepheline syenite
  - Nepheline monzonite
  - ULTRABASIC
  - CARBONATITES
  - SPECIAL TYPES
  - Pegmatite
  - Aplite
  - Lamprophyre
  - Trap
  - Felsite
  - Intrusion breccia
  - Diabase

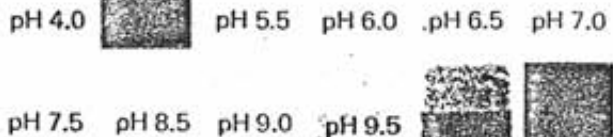
- LIST 2**
- VOLCANIC ROCKS
- UNDIFFERENTIATED
  - BASALT
  - ANDESITE
  - DACITE
  - RHYOLITE
  - QUARTZ LATITE
  - LATITE
  - TRACRYTE
  - PHONOCLITE
  - NEPHELINE LATITE
  - Fine grained flows
  - Prophyritic flows
  - Crystal tuffs
  - Ash tuffs
  - Lapilli tuffs
  - Agglomerate
  - Lapilli breccia
  - Block breccia
  - Turbidite

- LIST 3**
- SEDIMENTARY ROCKS
- ARENACEOUS
  - Siltstone
  - Mudstone
  - Greywacke
  - Sandstone
  - Quartzite
  - Conglomerate
  - ARGILLACEOUS
  - Shale
  - Argillite
  - CALCAREOUS
  - Limestone
  - Dolomite
  - CHEMICAL PRECIPITATE
  - Chert
  - Marble
  - Iron formation

- LIST 4**
- METAMORPHIC ROCKS
- FINE GRAINED CONTACT
  - PHANERITIC
  - Meta quartzite
  - Marble
  - Soapstone
  - Hornfels
  - Serpentine
  - Skarn
  - Amphibolite
  - Ectolite
  - MECHANICAL
  - Hylonite
  - Flaser
  - Augen
  - Ultramylonite
  - SLATE
  - PHYLLITE
  - SCHIST
  - CNEISS\*
  - MICHAELITE\*
  - Granite
  - Monzonite
  - Granodiorite
  - Conglomerate
  - Sandstone
  - Augen
  - Granulite
  - Quartz diorite
  - Diorite
  - Amphibolite

STREAM SEDIMENTS

- 40 SAMPLE ENVIRONMENT
- Next to bank
  - Behind boulders
  - Along roots below stream bank
  - Middle of stream
  - Along grass or reeds of creek bed
  - Bar in creek
  - Middle-very wide, shallow creek
  - Base of slope
  - Con-posite across stream
  - Soil



| RECD | TY | YE | PRJ   | ID     | UTM-E | UTM-N | NTS   | pH      | ROK           | SCINT       | SLPE | Mo   | Cu | Pb   | Zn | Ni  |    |
|------|----|----|-------|--------|-------|-------|-------|---------|---------------|-------------|------|------|----|------|----|-----|----|
| 55   | 50 | 74 | 505 A | 801190 | 9780  | 14220 | 94D09 | 451 22  | 4.4 315 25BBM | 10YR33      | 6 0  | 15W  | 5  | 38   | 9  | 19  | 7  |
| 56   | 50 | 74 | 505 A | 801191 | 9560  | 14160 | 94D09 | 451 22  | 4.4 310 20BBM | 10YR32      | 5 0  | 15E  | 1  | 19   | 7  | 21  | 7  |
| 57   | 50 | 74 | 505 A | 801192 | 9600  | 14110 | 94D09 | 451 22  | 4.7 310 20BBM | 10YR43      | 2 5  | 10W  | 2  | 41   | 8  | 17  | 8  |
| 58   | 50 | 74 | 505 A | 801193 | 9510  | 14000 | 94D09 | 451424  | 4.3 210 20BBM | 10YR32      | 5 0  | 10W  | 1  | 215  | 1  | 35  | 15 |
| 59   | 50 | 74 | 505 A | 801194 | 9510  | 13720 | 94D09 | 451424  | 4.8 210 20BBM | 114 610YR33 | 5 0  | 5W   | 6  | 1560 | 8  | 48  | 56 |
| 60   | 50 | 74 | 505 A | 801195 | 9500  | 13740 | 94D09 | 4514242 | 4.9 320 30BBM | 114 6MGY    | 1 5  | 20E  | 1  | 93   | 6  | 21  | 10 |
| 61   | 50 | 74 | 505 A | 801198 | 9480  | 13600 | 94D09 | 4514182 | 5.0 330 40B1C | 114 6MGY    | 8 0  | 30W  | 3  | 276  | 7  | 37  | 14 |
| 62   | 50 | 74 | 505 A | 801223 | 10600 | 9140  | 94D09 | 451414  | 4.7 310 20BBM |             | 5 0  | 5E   | 1  | 460  | 1  | 120 | 2  |
| 63   | 50 | 74 | 505 A | 801225 | 10550 | 9300  | 94D09 | 421414  | 5.0 210 20BBM | 10YR33      | 1 0  | 5N   | 9  | 428  | 16 | 19  | 1  |
| 64   | 50 | 74 | 505 A | 801228 | 10430 | 9500  | 94D09 | 3 1416  | 320 30BBM     | 10YR32      | 2 0  | 5N   | 1  | 1375 | 1  | 65  | 34 |
| 65   | 50 | 74 | 505 A | 801230 | 10370 | 9690  | 94D09 | 351414  | 4.7 210 20BBM | 10YR32      | 5 0  | 15E  | 3  | 765  | 45 | 270 | 45 |
| 66   | 50 | 74 | 505 A | 801233 | 10300 | 9860  | 94D09 | 35141   | 4.5 310 20BBM | 10YR33      | 5 0  | 5N   | 3  | 83   | 1  | 59  | 14 |
| 67   | 50 | 74 | 505 A | 801234 | 10180 | 10020 | 94D09 | 35141   | 5.2 310 20BBM | 10YR33      | 5    | 5N   | 1  | 4580 | 2  | 50  | 40 |
| 68   | 50 | 74 | 505 A | 801235 | 10230 | 10040 | 94D09 | 35141   | 4.2 310 20    | 10YR32      | 9 0  | 5N   | 1  | 240  | 2  | 60  | 1  |
| 69   | 50 | 74 | 505 A | 801236 | 10110 | 10210 | 94D09 | 351416  | 4.8 310 20BBM | 75YR44      | 5 0  | 5N   | 45 | 555  | 60 | 315 | 3  |
| 70   | 50 | 74 | 505 A | 801237 | 10200 | 10210 | 94D09 | 351416  | 5.0 310 20BBM | 10YR53      | 4 0  | 10W  | 7  | 271  | 1  | 144 | 18 |
| 71   | 50 | 74 | 505 A | 801239 | 10080 | 10390 | 94D09 | 351416  | 4.9 310 20BBM | 10YR32      | 2 0  | 5E   | 13 | 573  | 18 | 291 | 18 |
| 72   | 50 | 74 | 505 A | 801240 | 10150 | 10400 | 94D09 | 351416  | 4.5 310 20BBM | 10YR32      | 2 0  | 5W   | 3  | 96   | 10 | 45  | 18 |
| 73   | 50 | 74 | 505 A | 801241 | 10070 | 10690 | 94D09 | 251416  | 4.5 310 20BBM | 10YR32      | 5 0  | 20E  | 11 | 180  | 17 | 118 | 11 |
| 74   | 50 | 74 | 505 A | 801242 | 10070 | 10690 | 94D09 | 2514182 | 4.9 310 20BBM | 10YR33      | 5 0  | 20W  | 2  | 211  | 10 | 78  | 21 |
| 75   | 50 | 74 | 505 A | 801248 | 8300  | 9890  | 94D09 | 2219162 | 5.8 310 20BBM | 224 10YR33  |      | 1SE  | 2  | 38   | 14 | 50  | 16 |
| 76   | 50 | 74 | 505 A | 801253 | 8810  | 10210 | 94D09 | 4214182 | 5.4 2 5 10BBM | 123 10YR33  | 8 5  | 10SE | 2  | 132  | 12 | 70  | 22 |
| 77   | 50 | 74 | 505 A | 801255 | 8980  | 10310 | 94D09 | 2214162 | 5.7 3 5 15BBM | 123         | 8 0  | 10N  | 1  | 600  | 48 | 444 | 10 |
| 78   | 50 | 74 | 505 A | 801256 | 9010  | 10280 | 94D09 | 4214162 | 5.7 3 5 15BBM | 123         | 8 0  | 10N  | 2  | 210  | 12 | 67  | 25 |
| 79   | 50 | 74 | 505 A | 801258 | 9110  | 10440 | 94D09 | 2514162 | 5.4 3 5 15BBM | 123 610YR33 | 8 0  | 10N  | 2  | 79   | 14 | 54  | 21 |
| 80   | 50 | 74 | 505 A | 801259 | 9190  | 10400 | 94D09 | 2514162 | 5.1 3 5 15BBM | 123 610YR33 | 8 0  | 10N  | 2  | 51   | 12 | 34  | 10 |
| 81   | 50 | 74 | 505 A | 801260 | 9240  | 10600 | 94D09 | 251416  | 5.1 310 20BBM | 123 10YR33  | 8 0  | 10NE | 2  | 62   | 16 | 74  | 19 |
| 82   | 50 | 74 | 505 A | 801261 | 9290  | 10570 | 94D09 | 231414  | 5.7 310 20BBM | 10YR33      | 1 0  | 5NE  | 1  | 96   | 14 | 68  | 22 |
| 83   | 50 | 74 | 505 A | 801262 | 9320  | 10770 | 94D09 | 231414  | 5.9 310 20BBM | 10YR33      | 7 0  | 5NE  | 2  | 179  | 15 | 79  | 29 |
| 84   | 50 | 74 | 505 A | 801263 | 9390  | 10710 | 94D09 | 231414  | 5.4 210 20BBM | 10YR33      | 1 0  | 5NE  | 2  | 113  | 15 | 65  | 22 |
| 85   | 50 | 74 | 505 A | 801264 | 9340  | 10920 | 94D09 | 231414  | 5.6 310 20R1C |             | 5 0  | 5NE  | 2  | 151  | 13 | 71  | 20 |
| 86   | 50 | 74 | 505 A | 801265 | 9410  | 10920 | 94D09 | 231414  | 5.8 310 20BBM | 10YR33      | 1 0  | 5NE  | 2  | 127  | 16 | 62  | 21 |
| 87   | 50 | 74 | 505 A | 801266 | 9290  | 11100 | 94D09 | 2514162 | 5.6 310 20BBM | 124 10YR33  | 5 0  | 5N   | 1  | 46   | 13 | 44  | 17 |
| 88   | 50 | 74 | 505 A | 801267 | 9370  | 11110 | 94D09 | 2514162 | 4.6 310 20BBM | 124 10YR33  | 5 0  | 5N   | 3  | 356  | 15 | 72  | 23 |
| 89   | 50 | 74 | 505 A | 801269 | 9260  | 11310 | 94D09 | 2514162 | 4.9 310 20BBM | 124 10YR44  | 7 0  | 5N   | 2  | 119  | 16 | 62  | 21 |
| 90   | 50 | 74 | 505 A | 801274 | 9230  | 11720 | 94D09 | 2514162 | 4.9           | 123         |      | 10NW | 2  | 163  | 12 | 49  | 26 |
| 91   | 60 | 74 | 505 A | 801277 | 9050  | 8940  | 94D09 | 3514182 | 5.3 310 20BBM |             | 5 0  | 25NW | 1  | 546  | 10 | 35  | 30 |
| 92   | 50 | 74 | 505 A | 801278 | 9150  | 8910  | 94D09 | 3514182 | 4.6           |             |      | 25NW | 1  | 234  | 8  | 32  | 16 |
| 93   | 50 | 74 | 505 A | 820001 | 10800 | 10800 | 94D09 | 251416  | 4.8 710015PBM | RDBRMD      | 2 0  | 6NW  | 1  | 32   | 12 | 35  | 9  |
| 94   | 50 | 74 | 505 A | 820002 | 10800 | 10600 | 94D09 | 251416  | 4.4 712 18PBM | RDBRMD      | 5 0  | 6NW  | 2  | 81   | 28 | 47  | 12 |
| 95   | 50 | 74 | 505 A | 820003 | 10800 | 10400 | 94D09 | 251416  | 4.6 215 20PBM | RDBRMD      | 5    | 6NW  | 1  | 33   | 13 | 38  | 12 |
| 96   | 50 | 74 | 505 A | 820004 | 10800 | 10200 | 94D09 | 251416  | 4.7 310 18PBM | GR&RDB      | 5    | 3NW  | 1  | 180  | 60 | 204 | 60 |
| 97   | 50 | 74 | 505 A | 820005 | 10800 | 10000 | 94D09 | 251416  | 4.6 2 7 11PBM | GR&RDB      | 2 0  | 6NW  | 2  | 54   | 14 | 50  | 17 |
| 98   | 50 | 74 | 505 A | 820006 | 11000 | 10000 | 94D09 | 251316  | 4.5 312 16LBT | DKBA        | 1    | 8N   | 1  | 34   | 1  | 34  | 11 |
| 99   | 50 | 74 | 505 A | 820007 | 11200 | 10000 | 94D09 | 251316  | 5.1 415 25LBT | DKGRBR      | 1    | 2NW  | 6  | 66   | 16 | 90  | 22 |
| 100  | 50 | 74 | 505 A | 820008 | 11400 | 10000 | 94D09 | 251416  | 4.7 315 20GBT | RDBR&GR     | 3    | 12NW | 2  | 49   | 17 | 45  | 17 |
| 101  | 50 | 74 | 505 A | 820009 | 11600 | 10000 | 94D09 | 251316  | 4.6 320 26PBT | DKBR        | 5    | 8NW  | 48 | 20   | 84 | 228 | 48 |
| 102  | 50 | 74 | 505 A | 820010 | 11600 | 10800 | 94D09 | 251416  | 4.0 310 13PBM | DKGRBR      | 5    | 10NW | 2  | 17   | 13 | 28  | 7  |
| 103  | 50 | 74 | 505 A | 820011 | 11400 | 10800 | 94D09 | 2 1416  | 4.3 212 20GBG | LBR&GR      | 1 5  | 10NW | 2  | 20   | 11 | 28  | 9  |
| 104  | 50 | 74 | 505 A | 820012 | 11200 | 10800 | 94D09 | 251416  | 5.2 3 5 15PBM | DBR&GR      | 1 5  | 5NW  | 10 | 80   | 13 | 57  | 14 |
| 105  | 50 | 74 | 505 A | 820013 | 11000 | 10800 | 94D09 | 251416  | 4.5 315 25GBG | DBRLGR      | 6 0  | 8NW  | 1  | 37   | 14 | 40  | 13 |
| 106  | 50 | 74 | 505 A | 820014 | 10600 | 10800 | 94D09 | 251416  | 4.5 310 20LBT | BRGR        | 1 0  | 20NW | 1  | 19   | 1  | 17  | 5  |
| 107  | 50 | 74 | 505 A | 820015 | 10400 | 10800 | 94D09 | 251416  | 4.3 3 8 12GBG | BR&GR       | 1    | 15NW | 4  | 2    | 1  | 28  | 6  |
| 108  | 50 | 74 | 505 A | 820017 | 10200 | 10800 | 94D09 | 251116  | 4.8 210 20PBF | RDBR        | 6 0  | 5NW  | 4  | 101  | 17 | 73  | 17 |

| RECD | TY | YE | PRJ | ID | UTM-E  | UTM-N | NTS   | pH    | ROK     | SCINT | SLPE | Mo     | Cu       | Pb      | Zn | Ni   |      |      |     |      |     |    |    |
|------|----|----|-----|----|--------|-------|-------|-------|---------|-------|------|--------|----------|---------|----|------|------|------|-----|------|-----|----|----|
| 109  | 50 | 74 | 505 | A  | 820018 | 10000 | 10800 | 94D09 | 251161  | 4.8   | 210  | 20PBF  | RBRDBR   | 4       | 0  | 3NW  | 6    | 14   | 18  | 67   | 13  |    |    |
| 110  | 50 | 74 | 505 | A  | 820019 | 10000 | 11000 | 94D09 | 251161  | 4.7   | 218  | 30PBF  | RBR&DBR5 | 0       | 0  | 3NW  | 4    | 112  | 16  | 54   | 14  |    |    |
| 111  | 50 | 74 | 505 | A  | 820020 | 10000 | 11200 | 94D09 | 251416  | 4.0   | 2    | 5      | 10PBM    | BRDK    | 7  | 0    | 8NW  | 2    | 19  | 14   | 25  | 8  |    |
| 112  | 50 | 74 | 505 | A  | 820021 | 10000 | 11400 | 94D09 | 251416  | 3.9   | 2    | 8      | 16PBM    | DBR&LGR | 5  | 0    | 10NW | 1    | 96  | 72   | 10  | 3  |    |
| 113  | 50 | 74 | 505 | A  | 820022 | 10000 | 11600 | 94D09 | 251416  | 4.3   | 210  | 15GBG  | DBR&LGR3 | 0       | 0  | 8NW  | 2    | 19   | 1   | 45   | 9   |    |    |
| 114  | 50 | 74 | 505 | A  | 820023 | 10200 | 11600 | 94D09 | 251416  | 4.1   | 210  | 15PBM  | DGR      | 4       | 0  | 12NW | 5    | 22   | 16  | 29   | 8   |    |    |
| 115  | 50 | 74 | 505 | A  | 820024 | 10400 | 11600 | 94D09 | 251416  | 4.6   | 210  | 15PBM  | DBR B1   | 2       | 0  | 15NW | 8    | 59   | 1   | 52   | 1   |    |    |
| 116  | 50 | 74 | 505 | A  | 820025 | 10600 | 11600 | 94D09 | 251416  | 4.3   | 212  | 20PBM  | DBR      | 2       | 0  | 20NW | 6    | 61   | 16  | 49   | 9   |    |    |
| 117  | 50 | 74 | 505 | A  | 820027 | 10800 | 11600 | 94D09 | 251416  | 4.5   | 215  | 25PBM  | DBR      | 3       | 0  | 15N  | 1    | 32   | 16  | 51   | 11  |    |    |
| 118  | 50 | 74 | 505 | A  | 820028 | 11000 | 11600 | 94D09 | 251416  | 4.3   | 310  | 20PBM  | DBR      | 4       | 0  | 10NW | 1    | 45   | 2   | 2    | 1   |    |    |
| 119  | 50 | 74 | 505 | A  | 820029 | 11200 | 11600 | 94D09 | 251416  | 4.0   | 205  | 10PC3  | L&GR     | 1       | 0  | 10NW | 1    | 8    | 11  | 16   | 4   |    |    |
| 120  | 50 | 74 | 505 | A  | 820030 | 11400 | 11600 | 94D09 | 251416  | 4.8   | 208  | 15PBM  | DBR      | 2       | 0  | 8NW  | 1    | 204  | 84  | 192  | 60  |    |    |
| 121  | 50 | 74 | 505 | A  | 820031 | 11600 | 11600 | 94D09 | 251416  | 4.5   | 210  | 15PBM  | DBR      | 1       | 0  | 3NW  | 1    | 13   | 1   | 23   | 6   |    |    |
| 122  | 50 | 74 | 505 | A  | 820033 | 11600 | 12400 | 94D09 | 251416  | 5.1   | 210  | 15PBM  | DKBR     | 5       | 0  | 15NW | 11   | 169  | 13  | 139  | 21  |    |    |
| 123  | 50 | 74 | 505 | A  | 820035 | 11400 | 12400 | 94D09 | 351416  | 4.5   | 210  | 20PBM  | DKBR     | 1       | 0  | 25N  | 1    | 1    | 9   | 22   | 6   |    |    |
| 124  | 50 | 74 | 505 | A  | 820036 | 11200 | 12400 | 94D09 | 251116  | 5.0   | 220  | 30PBF  | DKRBR    | 5       | 0  | 5NW  | 2    | 45   | 13  | 39   | 26  |    |    |
| 125  | 50 | 74 | 505 | A  | 820037 | 11000 | 12400 | 94D09 | 251116  | 4.2   | 2    | 8      | 12PBF    | DBWRB   | 5  | 0    | 15NW | 7    | 52  | 16   | 54  | 4  |    |
| 126  | 50 | 74 | 505 | A  | 820038 | 10800 | 12400 | 94D09 | 251316  | 3.9   | 3    | 5      | 15GBG    | DB&LG   | 7  | 0    | 10NW | 1    | 60  | 96   | 72  | 1  |    |
| 127  | 50 | 74 | 505 | A  | 820040 | 10600 | 12400 | 94D09 | 251416  | 4.9   | 215  | 25PBM  | DBR&RB   | 0       | 0  | 5NW  | 8    | 21   | 17  | 110  | 13  |    |    |
| 128  | 50 | 74 | 505 | A  | 820041 | 10400 | 12400 | 94D09 | 251416  | 4.1   | 310  | 18GAE  | DB&LG    | 3       | 0  | 0    | 1    | 17   | 14  | 21   | 5   |    |    |
| 129  | 50 | 74 | 505 | A  | 820042 | 10200 | 12400 | 94D09 | 251416  | 4.8   | 215  | 25PBM  | DKB&G    | 6       | 0  | 1NW  | 1    | 43   | 14  | 40   | 1   |    |    |
| 130  | 50 | 74 | 505 | A  | 820043 | 10000 | 12400 | 94D09 | 251416  | 4.1   | 210  | 15PBM  | DB       | 5       | 0  | 10NW | 1    | 18   | 9   | 31   | 10  |    |    |
| 131  | 50 | 74 | 505 | A  | 820044 | 10000 | 12200 | 94D09 | 251416  | 4.1   | 2    | 8      | 14PBM    | DMB     | 3  | 0    | 3NW  | 1    | 132 | 84   | 180 | 60 |    |
| 132  | 50 | 74 | 505 | A  | 820045 | 10000 | 12000 | 94D09 | 251416  | 4.3   | 3    | 5      | 10PBM    | DGB     | 5  | 0    | 3NW  | 2    | 16  | 11   | 31  | 9  |    |
| 133  | 50 | 74 | 505 | A  | 820046 | 10000 | 11800 | 94D09 | 251416  | 3.9   | 3    | 8      | 15BAE    | LG      | 6  | 0    | 15NW | 1    | 60  | 60   | 60  | 1  |    |
| 134  | 50 | 74 | 505 | A  | 820047 | 9800  | 11600 | 94D09 | 251416  | 4.8   | 220  | 30PBM  | MB       | 5       | 0  | 3NW  | 1    | 75   | 2   | 105  | 2   |    |    |
| 135  | 50 | 74 | 505 | A  | 820050 | 9400  | 11600 | 94D09 | 252316  | 5.2   | 310  | 20PBT  | DGB&BS   | 0       | 0  | 0    | 4    | 4989 | 14  | 88   | 114 |    |    |
| 136  | 50 | 74 | 505 | A  | 820052 | 9200  | 11600 | 94D09 | 251416  | 5.3   | 210  | 25PBM  | DB       | 2       | 0  | 15NW | 2    | 61   | 14  | 52   | 20  |    |    |
| 137  | 50 | 74 | 505 | A  | 820053 | 9000  | 11600 | 94D09 | 251516  | 3.9   | 315  | 30GBG  | MB&LG    | 4       | 0  | 25NW | 1    | 22   | 1   | 2    | 10  |    |    |
| 138  | 50 | 74 | 505 | A  | 820055 | 8800  | 11600 | 94D09 | 251216  | 5.6   | 415  | 25LAH  | GB&B     | 0       | 0  | 3NW  | 2    | 97   | 13  | 54   | 28  |    |    |
| 139  | 50 | 74 | 505 | A  | 820056 | 8600  | 11600 | 94D09 | 252316  |       | 420  | 30LBT  | LGB      | 5       | 0  | 0    | 2    | 86   | 14  | 72   | 2   |    |    |
| 140  | 50 | 74 | 505 | A  | 820059 | 7600  | 12400 | 94D09 | 3212182 | 4.8   | 110  | 20PBM  | DB       | 5       | 0  | 40N  | 8    | 55   | 18  | 106  | 29  |    |    |
| 141  | 50 | 74 | 505 | A  | 820060 | 7800  | 12380 | 94D09 | 3214182 | 4.8   | 700  | 5BTF   | LB       | 5       | 0  | 40N  | 1    | 816  | 144 | 708  | 336 |    |    |
| 142  | 50 | 74 | 505 | A  | 820061 | 8000  | 12400 | 94D09 | 351416  | 5.7   | 2    | 5      | 10PBM    | DB      | 5  | 0    | 30N  | 5    | 174 | 17   | 89  | 35 |    |
| 143  | 50 | 74 | 505 | A  | 820062 | 8200  | 12400 | 94D09 | 351416  | 5.1   | 210  | 25PBM  | DB       | 5       | 0  | 30N  | 1    | 35   | 14  | 56   | 13  |    |    |
| 144  | 50 | 74 | 505 | A  | 820064 | 8400  | 12400 | 94D09 | 251416  | 5.6   | 210  | 200AH  | B&DG     |         |    |      | 1    | 31   | 7   | 27   | 7   |    |    |
| 145  | 50 | 74 | 505 | A  | 820066 | 8600  | 12400 | 94D09 | 251416  | 4.2   | 210  | 15PBM  | LB       | 0       | 0  | 2N   | 1    | 20   | 10  | 27   | 10  |    |    |
| 146  | 50 | 74 | 505 | A  | 820067 | 8800  | 12400 | 94D09 | 251416  | 4.2   | 210  | 15PBM  | DB       | 1       | 0  | 1N   | 1    | 28   | 13  | 27   | 9   |    |    |
| 147  | 50 | 74 | 505 | A  | 820069 | 9000  | 12400 | 94D09 | 751416  | 4.2   | 2    | 8      | 15PBM    | DB      | 2  | 0    | 0    | 4    | 536 | 10   | 54  | 39 |    |
| 148  | 50 | 74 | 505 | A  | 820070 | 9200  | 12400 | 94D09 | 251416  | 4.4   | 210  | 15PBM  | MB       | 2       | 0  | 3NW  | 1    | 15   | 15  | 25   | 7   |    |    |
| 149  | 50 | 74 | 505 | A  | 820071 | 9400  | 12400 | 94D09 | 251416  | 4.0   | 310  | 20PBM  | MB&LG    | 1       | 0  | 5NW  | 1    | 10   | 14  | 19   | 6   |    |    |
| 150  | 50 | 74 | 505 | A  | 820072 | 9600  | 12400 | 94D09 | 251416  | 4.3   | 210  | 15PBM  | MB       | 1       | 5  | 5NW  | 1    | 15   | 14  | 20   | 6   |    |    |
| 151  | 50 | 74 | 505 | A  | 820073 | 9800  | 12400 | 94D09 | 251416  | 4.0   | 310  | 15PBT  | DGB      | 1       | 0  | 10NW | 2    | 9    | 14  | 36   | 4   |    |    |
| 152  | 50 | 74 | 505 | A  | 820074 | 10000 | 12600 | 94D09 | 251416  | 3.9   | 2    | 5      | 8PBF     | MB      |    |      | 1    | 5    | 13  | 22   | 5   |    |    |
| 153  | 50 | 74 | 505 | A  | 820076 | 10000 | 13000 | 94D09 | 251216  | 3.8   | 2    | 5      | 10PBF    | B&DB    |    |      | 2    | 20   | 15  | 16   | 5   |    |    |
| 154  | 50 | 74 | 505 | A  | 820077 | 10000 | 13200 | 94D09 | 251116  | 4.5   | 225  | 35PBF  | RBD      | 1       | 5  | 5N   | 3    | 23   | 15  | 40   | 9   |    |    |
| 155  | 50 | 74 | 505 | A  | 820078 | 9800  | 13200 | 94D09 | 251416  | 4.0   | 210  | 20PBM  | DB       | 0       | 0  | 10W  | 1    | 20   | 10  | 19   | 7   |    |    |
| 156  | 50 | 74 | 505 | A  | 820079 | 9600  | 13200 | 94D09 | 251416  | 4.6   | 210  | 20PBM  | B        | 5       | 0  | 10N  | 1    | 13   | 13  | 23   | 6   |    |    |
| 157  | 50 | 74 | 505 | A  | 820080 | 9400  | 13200 | 94D09 | 251116  | 4.2   | 220  | 30PBF  | RB       | 2       | 0  | 5N   | 1    | 22   | 18  | 31   | 10  |    |    |
| 158  | 50 | 74 | 505 | A  | 840481 | 10000 | 14800 | 94D09 | 531426  | 5.7   | 225  | 30BBM  |          | 8       | 5  | FLAT | 3    | 2099 | 14  | 57   | 52  |    |    |
| 159  | 50 | 74 | 505 | A  | 840482 | 10000 | 15000 | 94D09 | 531     | 26    | 5.3  | 320    | 25BBM    | 25Y     | 44 | 7    | 0    | FLAT | 3   | 1441 | 15  | 62 | 47 |
| 160  | 50 | 74 | 505 | A  | 840484 | 10000 | 15400 | 94D09 | 532226  | 5.2   | 199  | 1050C1 | BLACK    | 2       | 5  | FLAT | 6    | 1625 | 12  | 63   | 29  |    |    |
| 161  | 50 | 74 | 505 | A  | 840486 | 10000 | 15600 | 94D09 | 532     | 26    | 5.5  | 215    | 20BBM    | 25Y     | 32 | 6    | 0    | FLAT | 3   | 989  | 11  | 63 | 36 |
| 162  | 50 | 74 | 505 | A  | 840489 | 9800  | 15600 | 94D09 | 532326  | 5.3   | 415  | 200C1  |          | 5Y      | 32 | 2    | 0    | FLAT | 2   | 1073 | 12  | 56 | 43 |

| RECD | TY | YE | PRJ | ID | UTM-E  | UTM-N | NTS   | pH    | ROK    | SCINT | SLPE | Mo    | Cu     | Pb  | Zn   | Ni |      |    |     |    |
|------|----|----|-----|----|--------|-------|-------|-------|--------|-------|------|-------|--------|-----|------|----|------|----|-----|----|
| 163  | 50 | 74 | 505 | A  | 840490 | 9600  | 15600 | 94D09 | 532326 | 5.0   | 415  | 20BBT | 25Y 54 |     | 2NE  | 1  | 69   | 13 | 38  | 18 |
| 164  | 50 | 74 | 505 | A  | 840491 | 9400  | 15600 | 94D09 | 532426 | 5.0   | 215  | 20BBM | 75YR44 | 1 0 | 2NW  | 1  | 34   | 8  | 14  | 8  |
| 165  | 50 | 74 | 505 | A  | 840492 | 9200  | 15600 | 94D09 | 231 26 | 4.7   | 215  | 20PBF | 75YR44 | 1 5 | 5NW  | 1  | 22   | 10 | 23  | 8  |
| 166  | 50 | 74 | 505 | A  | 840494 | 9000  | 15600 | 94D09 | 731327 | 5.3   | 420  | 25LBT | 75YR44 |     | FLAT | 1  | 44   | 13 | 31  | 14 |
| 167  | 50 | 74 | 505 | A  | 840495 | 8800  | 15600 | 94D09 | 731327 | 5.4   | 415  | 20LBT | 75YR44 |     | FLAT | 1  | 40   | 12 | 34  | 13 |
| 168  | 50 | 74 | 505 | A  | 840496 | 8600  | 15600 | 94D09 | 731426 | 5.6   | 320  | 25LBT |        |     | 3NW  | 2  | 75   | 9  | 49  | 16 |
| 169  | 50 | 74 | 505 | A  | 840498 | 8400  | 15600 | 94D09 | 732 26 | 5.2   | 320  | 25LBT |        | 2 0 | 3NW  | 3  | 40   | 15 | 44  | 18 |
| 170  | 50 | 74 | 505 | A  | 840499 | 8200  | 15600 | 94D09 | 732 26 | 5.6   | 720  | 25BBM |        | 3 0 | 3NW  | 1  | 86   | 18 | 47  | 12 |
| 171  | 50 | 74 | 505 | A  | 840501 | 8000  | 15600 | 94D09 | 251 26 | 5.3   | 220  | 25BBM |        | 6 0 | 8NE  | 1  | 71   | 13 | 41  | 14 |
| 172  | 50 | 74 | 505 | A  | 840502 | 7800  | 15600 | 94D09 | 251 26 | 4.8   | 215  | 20BBM |        | 4 5 | 10NE | 1  | 38   | 15 | 35  | 12 |
| 173  | 50 | 74 | 505 | A  | 840506 | 7600  | 15600 | 94D09 | 251 26 | 5.5   | 215  | 20BBM |        | 4 0 | 12N  | 1  | 51   | 13 | 28  | 9  |
| 174  | 50 | 74 | 505 | A  | 840507 | 7400  | 15600 | 94D09 | 51 26  | 5.0   | 215  | 20BBM |        | 2 5 | 18N  | 1  | 40   | 14 | 35  | 13 |
| 175  | 50 | 74 | 505 | A  | 840508 | 7200  | 15600 | 94D09 | 251 26 | 5.5   | 215  | 20BBM |        | 2 0 | 12NW | 2  | 52   | 16 | 54  | 15 |
| 176  | 50 | 74 | 505 | A  | 840510 | 7000  | 15600 | 94D09 | 251 26 | 4.9   | 215  | 20BBM |        | 4 5 | 8N   | 1  | 34   | 14 | 33  | 12 |
| 177  | 50 | 74 | 505 | A  | 840511 | 6800  | 15600 | 94D09 | 251 26 | 5.3   | 215  | 20BBM |        |     | 10N  | 2  | 40   | 16 | 37  | 13 |
| 178  | 50 | 74 | 505 | A  | 840512 | 7200  | 14800 | 94D09 | 251 16 | 4.8   | 220  | 25BBM |        | 6 0 | 15N  | 1  | 24   | 16 | 32  | 11 |
| 179  | 50 | 74 | 505 | A  | 840513 | 7000  | 14800 | 94D09 | 351 16 | 4.5   | 220  | 25BBM |        | 6 5 | 30NE | 1  | 20   | 14 | 30  | 9  |
| 180  | 50 | 74 | 505 | A  | 840514 | 6800  | 14800 | 94D09 | 251 16 | 4.6   | 220  | 25BBM |        | 7 0 | 15NW | 1  | 19   | 13 | 31  | 11 |
| 181  | 50 | 74 | 505 | A  | 840517 | 7400  | 14800 | 94D09 | 251 16 | 4.7   | 215  | 20BBM |        | 5 5 | 15N  | 2  | 45   | 17 | 43  | 14 |
| 182  | 50 | 74 | 505 | A  | 840520 | 7800  | 14800 | 94D09 | 251 26 | 4.6   | 220  | 25BBM |        | 6 5 | 12N  | 1  | 57   | 10 | 42  | 12 |
| 183  | 50 | 74 | 505 | A  | 840521 | 8000  | 14800 | 94D09 | 251 26 | 4.6   | 220  | 25BBM |        | 4 5 | 15N  | 1  | 38   | 13 | 39  | 13 |
| 184  | 50 | 74 | 505 | A  | 840522 | 8200  | 14800 | 94D09 | 251 26 | 5.4   | 220  | 25BBM |        |     | 5N   | 1  | 67   | 17 | 50  | 19 |
| 185  | 50 | 74 | 505 | A  | 840524 | 8415  | 14800 | 94D09 | 742 26 | 5.4   | 425  | 300C1 |        |     | 5N   | 1  | 79   | 13 | 34  | 17 |
| 186  | 50 | 74 | 505 | A  | 840525 | 8600  | 14800 | 94D09 | 252 26 | 5.1   | 220  | 25BBM |        | 5 5 | 8N   | 1  | 41   | 8  | 23  | 11 |
| 187  | 50 | 74 | 505 | A  | 840526 | 8800  | 14800 | 94D09 | 252326 | 5.2   | 315  | 20BBM |        |     | 8N   | 1  | 36   | 9  | 28  | 10 |
| 188  | 50 | 74 | 505 | A  | 840528 | 9000  | 14800 | 94D09 | 252 26 | 5.1   | 215  | 20BBM |        | 6 5 | 5N   | 4  | 118  | 15 | 65  | 18 |
| 189  | 50 | 74 | 505 | A  | 840530 | 9200  | 14800 | 94D09 | 252 26 | 5.1   | 220  | 25BBM |        |     | 5NW  | 1  | 31   | 13 | 21  | 9  |
| 190  | 50 | 74 | 505 | A  | 840531 | 9400  | 14800 | 94D09 | 252 26 | 4.9   | 215  | 20BBM |        |     | 3N   | 1  | 20   | 10 | 31  | 11 |
| 191  | 50 | 74 | 505 | A  | 840532 | 9600  | 14800 | 94D09 | 252 26 | 5.6   | 215  | 20BBM |        |     | 5N   | 17 | 521  | 20 | 39  | 15 |
| 192  | 50 | 74 | 505 | A  | 840533 | 9800  | 14800 | 94D09 | 732 26 | 5.4   | 220  | 25BBM |        | 2 0 | 2N   | 5  | 754  | 16 | 72  | 32 |
| 193  | 50 | 74 | 505 | A  | 840534 | 10200 | 14800 | 94D09 | 732 26 | 5.4   | 220  | 25BBM |        | 7 0 | 2N   | 5  | 1636 | 15 | 58  | 48 |
| 194  | 50 | 74 | 505 | A  | 840535 | 10400 | 14800 | 94D09 | 732 26 | 5.4   | 220  | 25BBM |        | 7 0 | FLAT | 3  | 1328 | 15 | 50  | 42 |
| 195  | 50 | 74 | 505 | A  | 840536 | 10000 | 14600 | 94D09 | 732 26 | 5.0   | 220  | 25BBM |        | 2 5 | 3NW  | 4  | 1688 | 13 | 55  | 48 |
| 196  | 50 | 74 | 505 | A  | 840538 | 10000 | 14200 | 94D09 | 251 26 | 4.8   | 220  | 25BBM |        | 6 0 | 15NW | 2  | 64   | 14 | 24  | 10 |
| 197  | 50 | 74 | 505 | A  | 840539 | 10000 | 14000 | 94D09 | 251 26 | 4.6   | 220  | 25PBF | 75YR44 | 5 5 | 10NE | 2  | 35   | 13 | 25  | 8  |
| 198  | 50 | 74 | 505 | A  | 840540 | 10200 | 14000 | 94D09 | 651 26 | 5.4   | 220  | 25BBM |        | 6 0 | 8N   | 5  | 160  | 13 | 27  | 11 |
| 199  | 50 | 74 | 505 | A  | 840541 | 10400 | 14000 | 94D09 | 171 26 | 5.0   | 220  | 25BBM |        | 6 0 | 2N   | 1  | 43   | 13 | 26  | 11 |
| 200  | 50 | 74 | 505 | A  | 840543 | 10600 | 14000 | 94D09 | 732 26 | 5.4   | 220  | 25BBM |        | 7 5 | 1N   | 12 | 585  | 30 | 220 | 22 |
| 201  | 50 | 74 | 505 | A  | 840545 | 10800 | 14000 | 94D09 | 732 26 | 5.1   | 220  | 25BBM |        | 6 5 | FLAT | 9  | 352  | 22 | 124 | 14 |
| 202  | 50 | 74 | 505 | A  | 840548 | 11000 | 14000 | 94D09 | 732326 | 5.3   | 420  | 25LC1 |        |     | 1W   | 6  | 496  | 23 | 207 | 21 |
| 203  | 50 | 74 | 505 | A  | 840550 | 11200 | 14000 | 94D09 | 231 26 | 4.6   | 220  | 25BBM |        | 5 5 | 18SW | 1  | 24   | 11 | 31  | 7  |
| 204  | 50 | 74 | 505 | A  | 840551 | 11400 | 14000 | 94D09 | 232 26 | 5.6   | 220  | 25BBM |        | 4 0 | 4NW  | 10 | 664  | 20 | 179 | 19 |
| 205  | 50 | 74 | 505 | A  | 840552 | 11600 | 14000 | 94D09 | 232 26 | 4.8   | 220  | 25BBM |        | 5 0 | 10W  | 1  | 58   | 15 | 43  | 11 |
| 206  | 50 | 74 | 505 | A  | 840553 | 11800 | 14000 | 94D09 | 271 26 | 5.0   | 220  | 25PBF | 75YR44 |     | 8NE  | 1  | 28   | 10 | 38  | 11 |
| 207  | 50 | 74 | 505 | A  | 840554 | 11000 | 14800 | 94D09 | 733326 | 5.0   | 425  | 300C1 |        |     | 2SW  | 2  | 117  | 13 | 46  | 17 |
| 208  | 50 | 74 | 505 | A  | 840555 | 10800 | 14800 | 94D09 | 733326 | 5.1   | 420  | 25LC1 |        | 2 5 | 1SW  | 1  | 45   | 11 | 29  | 12 |
| 209  | 50 | 74 | 505 | A  | 840556 | 10000 | 13800 | 94D09 | 251 26 | 4.7   | 220  | 25BBM |        | 3 0 | 12N  | 1  | 26   | 11 | 26  | 9  |
| 210  | 50 | 74 | 505 | A  | 840557 | 10000 | 13600 | 94D09 | 251 26 | 4.5   | 220  | 25BBM |        | 2 5 | 15N  | 1  | 36   | 16 | 20  | 7  |
| 211  | 50 | 74 | 505 | A  | 840558 | 10000 | 13400 | 94D09 | 251 26 | 5.0   | 220  | 25BBM |        | 1 0 | 5NW  | 1  | 33   | 10 | 22  | 9  |
| 212  | 50 | 74 | 505 | A  | 840559 | 10000 | 13200 | 94D09 | 251 26 | 4.6   | 220  | 25BBM |        | 2 0 | 5NW  | 1  | 34   | 12 | 29  | 11 |
| 213  | 50 | 74 | 505 | A  | 840560 | 10200 | 13200 | 94D09 | 251 26 | 4.8   | 220  | 25BBM |        | 5 5 | 8E   | 2  | 28   | 15 | 29  | 9  |
| 214  | 50 | 74 | 505 | A  | 840561 | 10400 | 13200 | 94D09 | 251 26 | 4.6   | 220  | 25BBM |        | 4 5 | 10NW | 2  | 18   | 16 | 18  | 5  |
| 215  | 50 | 74 | 505 | A  | 840562 | 10600 | 13200 | 94D09 | 251 26 | 4.5   | 220  | 25BBM |        | 6 5 | 12N  | 1  | 26   | 14 | 33  | 7  |
| 216  | 50 | 74 | 505 | A  | 840563 | 10800 | 13200 | 94D09 | 251 26 | 4.4   | 220  | 25BBM |        | 6 5 | 10NW | 1  | 36   | 11 | 21  | 7  |

| RECD | TY | YE | PRJ   | ID     | UTM-E | UTM-N | NTS   | pH      | ROK           | SCINT | SLPE | Mo | Cu   | Pb | Zn  | Ni  |
|------|----|----|-------|--------|-------|-------|-------|---------|---------------|-------|------|----|------|----|-----|-----|
| 271  | 50 | 74 | 505 A | 841072 | 8840  | 12500 | 94D09 | 251 16  | 215 20BBM     | 6 0   | 18NW | 15 | 315  | 45 | 150 | 75  |
| 272  | 50 | 74 | 505 A | 841073 | 8850  | 12560 | 94D09 | 351 16  | 2 3 5BBM      | 2 0   | 20NE | 15 | 180  | 3  | 10  | 45  |
| 273  | 50 | 74 | 505 A | 841075 | 8970  | 12380 | 94D09 | 251 162 | 215 20BBM     | 7 5   | 18W  | 1  | 62   | 15 | 36  | 15  |
| 274  | 50 | 74 | 505 A | 841076 | 8880  | 12350 | 94D09 | 351 16  | 215 20BBM     | 7 5   | 20NW | 1  | 50   | 11 | 31  | 18  |
| 275  | 50 | 74 | 505 A | 841077 | 8930  | 12170 | 94D09 | 251 162 | 215 20BBM     | 7 0   | 18N  | 15 | 135  | 3  | 90  | 45  |
| 276  | 50 | 74 | 505 A | 841078 | 9040  | 12170 | 94D09 | 351 162 | 2 3 5BBM      | 7 5   | 40W  | 2  | 2640 | 72 | 324 | 216 |
| 277  | 50 | 74 | 505 A | 841080 | 9130  | 12130 | 94D09 | 251 162 | 210 15BBM     | 7 0   | 10SW | 3  | 3693 | 14 | 51  | 81  |
| 278  | 50 | 74 | 505 A | 841081 | 10090 | 11660 | 94D09 | 251 16  | 215 20BBM     | 7 0   | 10N  | 8  | 531  | 17 | 175 | 2   |
| 279  | 50 | 74 | 505 A | 841082 | 10220 | 11630 | 94D09 | 251 16  | 215 20BBM     | 7 0   | 10E  | 3  | 175  | 8  | 58  | 9   |
| 280  | 50 | 74 | 505 A | 841083 | 10150 | 11070 | 94D09 | 251 162 | 2 3 5BBM      | 7 0   | 15N  | 3  | 85   | 8  | 36  | 7   |
| 281  | 50 | 74 | 505 A | 841084 | 10300 | 11000 | 94D09 | 251 162 | 210 15BBM     | 6 5   | 10SW | 1  | 180  | 3  | 60  | 1   |
| 282  | 50 | 74 | 505 A | 841085 | 10240 | 11270 | 94D09 | 251 16  | 210 15BBM     | 6 0   | 8N   | 10 | 266  | 17 | 104 | 12  |
| 283  | 50 | 74 | 505 A | 841086 | 10370 | 11200 | 94D09 | 251 16  | 210 15BBM     | 6 0   | 8N   | 12 | 234  | 22 | 113 | 10  |
| 284  | 50 | 74 | 505 A | 841087 | 10560 | 11370 | 94D09 | 251 16  | 215 20BBM     | 6 0   | 8NW  | 2  | 56   | 18 | 106 | 14  |
| 285  | 50 | 74 | 505 A | 841088 | 10420 | 11420 | 94D09 | 251 16  | 215 20BBM     | 6 0   | 10NE | 2  | 83   | 15 | 79  | 11  |
| 286  | 50 | 74 | 505 A | 841089 | 10440 | 11620 | 94D09 | 251 16  | 210 15BBM     | 6 5   | 8N   | 9  | 312  | 15 | 108 | 12  |
| 287  | 50 | 74 | 505 A | 841090 | 10550 | 11610 | 94D09 | 251 16  | 210 15BBM     | 6 5   | 10NW | 9  | 108  | 17 | 101 | 10  |
| 288  | 50 | 74 | 505 A | 841092 | 10430 | 11810 | 94D09 | 251 16  | 215 20BBM     | 6 0   | 8NW  | 6  | 91   | 12 | 60  | 7   |
| 289  | 50 | 74 | 505 A | 841093 | 10550 | 11790 | 94D09 | 251 16  | 215 20BBM     | 7 0   | 8NW  | 10 | 298  | 20 | 168 | 14  |
| 290  | 50 | 74 | 505 A | 841094 | 10490 | 12000 | 94D09 | 251 16  | 215 20BBM     | 7 0   | 8NW  | 10 | 325  | 19 | 148 | 13  |
| 291  | 50 | 74 | 505 A | 841095 | 10500 | 11990 | 94D09 | 251 16  | 215 20BBM     | 7 0   | 8NW  | 1  | 63   | 26 | 135 | 17  |
| 292  | 50 | 74 | 505 A | 841096 | 10490 | 12190 | 94D09 | 251 16  | 215 20PBF     | 6 5   | 8N   | 6  | 150  | 16 | 81  | 11  |
| 293  | 50 | 74 | 505 A | 841097 | 10600 | 12180 | 94D09 | 251 16  | 215 20BBM     | 6 5   | 8N   | 2  | 32   | 13 | 33  | 7   |
| 294  | 50 | 74 | 505 A | 841098 | 10540 | 12400 | 94D09 | 251 16  | 215 20BBM     | 7 0   | 10NW | 9  | 358  | 18 | 132 | 15  |
| 295  | 50 | 74 | 505 A | 841099 | 10630 | 12380 | 94D09 | 251 16  | 215 20BBM     | 7 0   | 10NW | 8  | 186  | 15 | 83  | 10  |
| 296  | 50 | 74 | 505 A | 841100 | 10570 | 11810 | 94D09 | 251 16  | 215 20PBF     | 7 0   | 10NW | 8  | 627  | 22 | 162 | 21  |
| 297  | 50 | 74 | 505 A | 841101 | 10460 | 12620 | 94D09 | 251 16  | 2 BBM         |       | 10NW | 5  | 455  | 24 | 156 | 28  |
| 298  | 50 | 74 | 505 A | 841103 | 10680 | 12830 | 94D09 | 251 16  | 210 15PBF     | 6 5   | 10N  | 11 | 156  | 17 | 74  | 8   |
| 299  | 50 | 74 | 505 A | 841104 | 10720 | 12720 | 94D09 | 251 16  | 210 15BBM     | 7 0   | 10N  | 3  | 915  | 60 | 345 | 60  |
| 300  | 50 | 74 | 505 A | 841105 | 10900 | 12900 | 94D09 | 251 16  | 215 20BBM     | 7 0   | 10N  | 9  | 384  | 14 | 108 | 14  |
| 301  | 50 | 74 | 505 A | 841106 | 11000 | 12850 | 94D09 | 251 16  | 215 20BBM     | 6 5   | 8NW  | 7  | 418  | 19 | 104 | 15  |
| 302  | 50 | 74 | 505 A | 841107 | 10820 | 13080 | 94D09 | 251 16  | 210 15BBM     | 7 0   | 10NW | 1  | 32   | 8  | 22  | 7   |
| 303  | 50 | 74 | 505 A | 841108 | 10980 | 13110 | 94D09 | 251 16  | 210 15BBM     | 7 0   | 10NW | 7  | 374  | 17 | 137 | 16  |
| 304  | 50 | 74 | 505 A | 841109 | 10660 | 13230 | 94D09 | 251 16  | 215 20BBM     | 7 5   | 5NW  | 2  | 34   | 10 | 26  | 9   |
| 305  | 50 | 74 | 505 A | 841110 | 10840 | 13270 | 94D09 | 251 16  | 215 20BBM     | 7 5   | 5NW  | 7  | 350  | 17 | 133 | 18  |
| 306  | 50 | 74 | 505 A | 841111 | 10590 | 13410 | 94D09 | 251 16  | 215 20BBM     | 7 5   | 5NW  | 1  | 34   | 13 | 29  | 11  |
| 307  | 50 | 74 | 505 A | 841112 | 10700 | 13450 | 94D09 | 251 16  | 215 20BBM     | 7 0   | 5NW  | 7  | 466  | 19 | 156 | 21  |
| 308  | 60 | 74 | 505 A | 851034 | 7600  | 10800 | 94D09 | 3       | TF 224        |       | 40E  | 1  | 110  | 16 | 59  | 31  |
| 309  | 50 | 74 | 505 A | 851036 | 7800  | 10800 | 94D09 | 222 182 | 2 5 10BBM 234 | 2 0   | 20E  | 1  | 69   | 11 | 50  | 23  |
| 310  | 60 | 74 | 505 A | 851037 | 8000  | 10800 | 94D09 | 3       | TF 123        |       | 30E  | 3  | 80   | 16 | 75  | 28  |
| 311  | 60 | 74 | 505 A | 851038 | 8200  | 10800 | 94D09 | 3       | TF            |       | 25E  | 1  | 73   | 17 | 57  | 29  |
| 312  | 60 | 74 | 505 A | 851040 | 8600  | 10800 | 94D09 | 3       | TF 234        |       | 25E  | 1  | 95   | 16 | 55  | 35  |
| 313  | 50 | 74 | 505 A | 851041 | 8800  | 10800 | 94D09 | 251 116 | 20 30PBF      | 5 1   | 15NE | 1  | 34   | 14 | 43  | 13  |
| 314  | 50 | 74 | 505 A | 851042 | 9000  | 10800 | 94D09 | 351 116 | 20 30PBF      | 2 0   | 25NE | 1  | 29   | 13 | 54  | 18  |
| 315  | 50 | 74 | 505 A | 851043 | 9200  | 10800 | 94D09 | 251 16  | 18 25BBM      | 1 0   | 20E  | 1  | 224  | 10 | 46  | 23  |
| 316  | 50 | 74 | 505 A | 851044 | 9400  | 10800 | 94D09 | 2324 16 | 0.2 10 18BBM  | 2 0   | 10E  | 2  | 103  | 14 | 56  | 20  |
| 317  | 50 | 74 | 505 A | 851045 | 9600  | 10800 | 94D09 | 7324 16 | 428 40LBT     |       | 0    | 2  | 5876 | 13 | 45  | 125 |
| 318  | 50 | 74 | 505 A | 851046 | 9800  | 10800 | 94D09 | 731 119 | 710 15PBF     | 2 0   | 0    | 5  | 557  | 17 | 230 | 24  |
| 319  | 50 | 74 | 505 A | 851050 | 10000 | 10000 | 94D09 | 251 19  | 315 20PBF     | 1 5   | 10N  | 2  | 58   | 17 | 47  | 19  |
| 320  | 50 | 74 | 505 A | 851051 | 10200 | 10000 | 94D09 | 751 16  | 220 25BBM     | 2 0   | 0    | 4  | 5066 | 15 | 60  | 40  |
| 321  | 50 | 74 | 505 A | 851052 | 10400 | 10000 | 94D09 | 251 16  | 315 20PBF     | 2 0   | 5N   | 1  | 87   | 15 | 56  | 23  |
| 322  | 50 | 74 | 505 A | 851053 | 10600 | 10000 | 94D09 | 251 16  | 315 20PBF     | 2 5   | 5N   | 1  | 54   | 19 | 43  | 16  |
| 323  | 60 | 74 | 505 A | 851054 | 7600  | 10000 | 94D09 | 8       | 5.4 TF 224    |       | 0    | 1  | 82   | 19 | 48  | 22  |
| 324  | 60 | 74 | 505 A | 851056 | 8000  | 10000 | 94D09 | 8       | 5.0 TF 234    |       | 10NE | 1  | 100  | 17 | 57  | 25  |



| RECD | TY | YE | PRJ | ID | UTM-E  | UTM-N | NTS   | pH    | ROK | SCINT | SLPE          | Mo       | Cu | Pb | Zn | Ni |
|------|----|----|-----|----|--------|-------|-------|-------|-----|-------|---------------|----------|----|----|----|----|
| 325  | 60 | 74 | 505 | A  | 851057 | 8200  | 10000 | 94D09 | 3   | 5.1   | TF 234        |          |    |    |    |    |
| 326  | 60 | 74 | 505 | A  | 851058 | 8400  | 10000 | 94D09 | 3   | 5.5   | TF 234        |          |    |    |    |    |
| 327  | 60 | 74 | 505 | A  | 851059 | 8600  | 10000 | 94D09 | 2   | 5.0   | TF 234        |          |    |    |    |    |
| 328  | 60 | 74 | 505 | A  | 851060 | 8800  | 10000 | 94D09 | 2   | 5.4   | TF            |          |    |    |    |    |
| 329  | 60 | 74 | 505 | A  | 851061 | 9000  | 10000 | 94D09 | 2   | 4.8   | TF            |          |    |    |    |    |
| 330  | 60 | 74 | 505 | A  | 851062 | 9200  | 10000 | 94D09 | 2   | 4.8   | TF            |          |    |    |    |    |
| 331  | 50 | 74 | 505 | A  | 851065 | 9800  | 10000 | 94D09 | 243 | 16    | 35 40LBM      | 0        |    |    |    |    |
| 332  | 60 | 74 | 505 | A  | 851066 | 15000 | 7000  | 94D09 | 2   | 4.7   | TF 142        |          |    |    |    |    |
| 333  | 60 | 74 | 505 | A  | 851067 | 14800 | 7000  | 94D09 | 3   | 4.8   | TF            |          |    |    |    |    |
| 334  | 60 | 74 | 505 | A  | 851068 | 14600 | 7000  | 94D09 | 3   | 4.6   | TF            |          |    |    |    |    |
| 335  | 60 | 74 | 505 | A  | 851069 | 14400 | 7000  | 94D09 | 3   | 4.5   | TF            |          |    |    |    |    |
| 336  | 60 | 74 | 505 | A  | 851070 | 14200 | 7000  | 94D09 | 3   | 4.7   | TF            |          |    |    |    |    |
| 337  | 60 | 74 | 505 | A  | 851071 | 14000 | 7000  | 94D09 | 3   | 5.0   | TF            |          |    |    |    |    |
| 338  | 60 | 74 | 505 | A  | 851072 | 13800 | 7000  | 94D09 | 3   | 5.0   | TF            |          |    |    |    |    |
| 339  | 60 | 74 | 505 | A  | 851073 | 13600 | 7000  | 94D09 | 3   | 4.9   | TF            |          |    |    |    |    |
| 340  | 60 | 74 | 505 | A  | 851074 | 13400 | 7000  | 94D09 | 3   | 5.0   | TF            |          |    |    |    |    |
| 341  | 60 | 74 | 505 | A  | 851075 | 13200 | 7000  | 94D09 | 3   | 5.0   | TF            |          |    |    |    |    |
| 342  | 60 | 74 | 505 | A  | 851076 | 13000 | 7000  | 94D09 | 3   | 4.9   | TF            |          |    |    |    |    |
| 343  | 60 | 74 | 505 | A  | 851077 | 12800 | 7000  | 94D09 | 3   | 5.0   | TF            |          |    |    |    |    |
| 344  | 60 | 74 | 505 | A  | 851078 | 12600 | 7000  | 94D09 | 3   | 5.0   | TF            |          |    |    |    |    |
| 345  | 60 | 74 | 505 | A  | 851079 | 12400 | 7000  | 94D09 | 1   | 4.3   | TF            |          |    |    |    |    |
| 346  | 60 | 74 | 505 | A  | 851080 | 12200 | 7000  | 94D09 | 8   | 4.6   | TF            |          |    |    |    |    |
| 347  | 60 | 74 | 505 | A  | 851081 | 12000 | 7000  | 94D09 | 8   | 4.7   | TF            |          |    |    |    |    |
| 348  | 60 | 74 | 505 | A  | 851082 | 11800 | 7000  | 94D09 | 8   | 4.7   | TF            |          |    |    |    |    |
| 349  | 60 | 74 | 505 | A  | 851083 | 11600 | 7000  | 94D09 | 3   | 4.6   | TF            |          |    |    |    |    |
| 350  | 60 | 74 | 505 | A  | 851084 | 11400 | 7000  | 94D09 | 2   | 4.7   | TF            |          |    |    |    |    |
| 351  | 60 | 74 | 505 | A  | 851085 | 11200 | 7000  | 94D09 | 2   | 5.7   | TF            |          |    |    |    |    |
| 352  | 50 | 74 | 505 | A  | 851086 | 11000 | 7000  | 94D09 | 231 | 16    | 4.8 310 15PBF | ORBR 2 0 |    |    |    |    |
| 353  | 50 | 74 | 505 | A  | 851087 | 10800 | 7000  | 94D09 | 231 | 19    | 4.6 310 15PBF | ORBR 2 0 |    |    |    |    |
| 354  | 50 | 74 | 505 | A  | 851088 | 10600 | 7000  | 94D09 | 7   | 4.5   | 25 30RBM      | MBR      |    |    |    |    |
| 355  | 50 | 74 | 505 | A  | 851089 | 10400 | 7000  | 94D09 | 7   | 4.4   | 715 20RBM     | MBR      |    |    |    |    |
| 356  | 50 | 74 | 505 | A  | 851090 | 10200 | 7000  | 94D09 | 2   | 4.9   | 215 20RBM     | LBR      |    |    |    |    |
| 357  | 50 | 74 | 505 | A  | 851091 | 10000 | 7000  | 94D09 | 2   | 19    | 4.9 0 5 PBF   | RDBR     |    |    |    |    |
| 358  | 60 | 74 | 505 | A  | 851092 | 8000  | 7000  | 94D09 | 3   | 6.0   | TF            |          |    |    |    |    |
| 359  | 60 | 74 | 505 | A  | 851093 | 8200  | 7000  | 94D09 | 3   | 5.3   | TF            |          |    |    |    |    |
| 360  | 60 | 74 | 505 | A  | 851094 | 8400  | 7000  | 94D09 | 2   | 5.5   | TF            |          |    |    |    |    |
| 361  | 60 | 74 | 505 | A  | 851095 | 8600  | 7000  | 94D09 | 2   | 4.7   | TF            |          |    |    |    |    |
| 362  | 60 | 74 | 505 | A  | 851096 | 8800  | 7000  | 94D09 | 2   | 5.2   | TF            |          |    |    |    |    |
| 363  | 60 | 74 | 505 | A  | 851097 | 9000  | 7000  | 94D09 | 2   | 4.8   | TF            |          |    |    |    |    |
| 364  | 50 | 74 | 505 | A  | 851098 | 9200  | 7000  | 94D09 | 75  | 16    | 5.0 220 25RBM | LBR 1 0  |    |    |    |    |
| 365  | 60 | 74 | 505 | A  | 851099 | 9400  | 7000  | 94D09 | 3   | 5.0   | TF            |          |    |    |    |    |
| 366  | 50 | 74 | 505 | A  | 851100 | 9600  | 7000  | 94D09 | 2   | 5.0   | 710 15RBM     | MBR 1 5  |    |    |    |    |
| 367  | 50 | 74 | 505 | A  | 851101 | 9800  | 7000  | 94D09 | 2   | 3     | 5.2 215 20RBM | MBR 1 0  |    |    |    |    |
| 368  | 50 | 74 | 505 | A  | 851102 | 10000 | 7200  | 94D09 | 2   | 5.1   | 215 20RBM     | LBR 5    |    |    |    |    |
| 369  | 50 | 74 | 505 | A  | 851103 | 10000 | 7400  | 94D09 | 2   | 5.2   | 215 20RBM     | LBR 5    |    |    |    |    |
| 370  | 50 | 74 | 505 | A  | 851104 | 10000 | 7600  | 94D09 | 2   | 5.1   | 210 15RBM     | GY       |    |    |    |    |
| 371  | 50 | 74 | 505 | A  | 851105 | 10000 | 7800  | 94D09 | 2   | 2     | 5.8 715 20RBM |          |    |    |    |    |
| 372  | 50 | 74 | 505 | A  | 851106 | 10000 | 8000  | 94D09 | 2   | 3     | 6.0 710 15RBM | MBR      |    |    |    |    |
| 373  | 50 | 74 | 505 | A  | 851107 | 10000 | 8200  | 94D09 | 2   | 6.1   | 215 20RBM     | MBR      |    |    |    |    |
| 374  | 50 | 74 | 505 | A  | 851108 | 10000 | 8400  | 94D09 | 2   | 5.7   | 7 0 5         |          |    |    |    |    |
| 375  | 50 | 74 | 505 | A  | 851109 | 10000 | 8800  | 94D09 | 2   | 5.6   | 7 0 5         |          |    |    |    |    |
| 376  | 50 | 74 | 505 | A  | 851110 | 10000 | 9000  | 94D09 | 2   | 5.8   | 7 0 5         |          |    |    |    |    |
| 377  | 50 | 74 | 505 | A  | 851111 | 10000 | 9200  | 94D09 | 2   | 5.3   | 7 0 5         |          |    |    |    |    |
| 378  | 50 | 74 | 505 | A  | 851112 | 10000 | 9400  | 94D09 | 2   | 4.4   | 7 0 5         |          |    |    |    |    |

| RECD | TY | YE | PRJ   | ID     | UTM-E | UTM-N | NTS   | pH | ROK           | SCINT | SLPE | Mo | Cu   | Pb | Zn | Ni  |
|------|----|----|-------|--------|-------|-------|-------|----|---------------|-------|------|----|------|----|----|-----|
| 379  | 50 | 74 | 505 A | 851113 | 10000 | 9600  | 94D09 | 2  | 5.5 315 20RBM | MBR   | 10NW | 1  | 3670 | 1  | 50 | 180 |

\* ALL VALUES ARE IN PPM UNLESS INDICATED TO BE IN PERCENT.

| RECD | TY | YE | PRJ | ID | UTM-E  | UTM-N | NTS   | pH    | ROK     | SCINT   | SLPE      | Mo     | Cu   | Pb   | Zn  | Ni  |     |     |    |
|------|----|----|-----|----|--------|-------|-------|-------|---------|---------|-----------|--------|------|------|-----|-----|-----|-----|----|
| 217  | 50 | 74 | 505 | A  | 840564 | 11010 | 13200 | 94D09 | 251 26  | 4.7 220 | 25BBM     | 6 0    | 5W   | 9    | 413 | 19  | 127 | 15  |    |
| 218  | 50 | 74 | 505 | A  | 840566 | 11200 | 13200 | 94D09 | 251 26  | 4.5 215 | 20BBM     | 7 0    | 3N   | 7    | 295 | 20  | 108 | 17  |    |
| 219  | 50 | 74 | 505 | A  | 840567 | 11400 | 13200 | 94D09 | 251 26  | 4.7 220 | 25BBM     | 7 0    | 3NW  | 8    | 479 | 23  | 125 | 17  |    |
| 220  | 50 | 74 | 505 | A  | 840568 | 11600 | 13200 | 94D09 | 231 26  | 4.8 220 | 25BBM     | 6 5    | 3NW  | 1    | 24  | 12  | 34  | 8   |    |
| 221  | 50 | 74 | 505 | A  | 840569 | 10225 | 15600 | 94D09 | 743 26  | 4.8 225 | 30BBM     |        | 1NW  | 2    | 654 | 12  | 40  | 26  |    |
| 222  | 50 | 74 | 505 | A  | 840571 | 10400 | 15600 | 94D09 | 743326  | 4.7 445 | 50LBT     |        | 1NW  | 3    | 838 | 11  | 52  | 30  |    |
| 223  | 50 | 74 | 505 | A  | 840572 | 10600 | 15600 | 94D09 | 231 26  | 4.8 215 | 20BBM     | 6 0    | 10SW | 1    | 31  | 11  | 31  | 11  |    |
| 224  | 50 | 74 | 505 | A  | 840573 | 10800 | 15600 | 94D09 | 332 26  | 4.2 215 | 20BBM     | 6 5    | 20SW | 1    | 19  | 14  | 28  | 9   |    |
| 225  | 50 | 74 | 505 | A  | 840574 | 11000 | 15600 | 94D09 | 732 26  | 5.3 310 | 15LBT     | 8 5    | 3SE  | 1    | 32  | 11  | 35  | 13  |    |
| 226  | 50 | 74 | 505 | A  | 840575 | 11200 | 15600 | 94D09 | 743326  | 5.7 440 | 450BT     |        | FLAT | 1    | 36  | 7   | 23  | 10  |    |
| 227  | 50 | 74 | 505 | A  | 840577 | 11400 | 15600 | 94D09 | 231 26  | 5.7 420 | 25LBT     | 2 5    | 3S   | 1    | 44  | 12  | 37  | 16  |    |
| 228  | 50 | 74 | 505 | A  | 840578 | 11600 | 15600 | 94D09 | 251 26  | 5.5 420 | 25LBT     | 1 0    | 5S   | 1    | 47  | 14  | 41  | 16  |    |
| 229  | 50 | 74 | 505 | A  | 840579 | 11600 | 14800 | 94D09 | 251 26  | 4.8 420 | 25BBM     |        | 5S   | 1    | 41  | 15  | 33  | 12  |    |
| 230  | 50 | 74 | 505 | A  | 840580 | 11400 | 14800 | 94D09 | 742 26  | 5.4 425 | 30LBT     |        | 3S   | 1    | 37  | 13  | 33  | 14  |    |
| 231  | 50 | 74 | 505 | A  | 840581 | 11200 | 14800 | 94D09 | 742526  | 5.0 320 | 25GBG     |        | FLAT | 2    | 61  | 8   | 27  | 11  |    |
| 232  | 50 | 74 | 505 | A  | 840583 | 9800  | 14000 | 94D09 | 251 26  | 4.8 220 | 25PBF     | 75YR44 | 5 5  | 12N  | 1   | 38  | 13  | 27  | 10 |
| 233  | 50 | 74 | 505 | A  | 840584 | 9600  | 14000 | 94D09 | 251 26  | 5.1 215 | 20PBF     |        | 5 8  | 12N  | 2   | 38  | 16  | 20  | 8  |
| 234  | 50 | 74 | 505 | A  | 840586 | 9400  | 14000 | 94D09 | 251 26  | 4.7 215 | 20BBM     |        | 6 0  | 10E  | 2   | 48  | 12  | 25  | 9  |
| 235  | 50 | 74 | 505 | A  | 840587 | 9200  | 14000 | 94D09 | 251 26  | 4.5 220 | 25BBM     |        | 6 5  | 8NW  | 2   | 41  | 10  | 32  | 11 |
| 236  | 50 | 74 | 505 | A  | 840588 | 9000  | 14000 | 94D09 | 251 26  | 5.7 220 | 25BBM     |        | 2 0  | 10NW | 1   | 113 | 11  | 60  | 18 |
| 237  | 50 | 74 | 505 | A  | 840589 | 8800  | 14000 | 94D09 | 51 26   | 5.5 425 | 30LBT     |        | 2 0  | 8NW  | 2   | 256 | 17  | 91  | 34 |
| 238  | 50 | 74 | 505 | A  | 840591 | 8600  | 14000 | 94D09 | 251 26  | 4.7 220 | 25BBM     |        | 5 5  | 10N  | 1   | 27  | 12  | 34  | 10 |
| 239  | 50 | 74 | 505 | A  | 840592 | 8400  | 14000 | 94D09 | 251 26  | 4.5 220 | 25BBM     |        | 6 0  | 12N  | 1   | 28  | 12  | 31  | 12 |
| 240  | 50 | 74 | 505 | A  | 840593 | 8200  | 14000 | 94D09 | 251 26  | 4.4 225 | 30BBM     |        | 6 0  | 18N  | 1   | 30  | 11  | 33  | 12 |
| 241  | 50 | 74 | 505 | A  | 840594 | 8000  | 14000 | 94D09 | 251 26  | 4.2 220 | 25BBM     |        | 6 5  | 18N  | 1   | 168 | 108 | 204 | 60 |
| 242  | 50 | 74 | 505 | A  | 840595 | 7800  | 14000 | 94D09 | 251 26  | 4.2 215 | 20BBM     |        | 6 5  | 20N  | 2   | 24  | 15  | 31  | 7  |
| 243  | 50 | 74 | 505 | A  | 840596 | 7600  | 14000 | 94D09 | 351 26  | 4.8 220 | 25BBM     |        | 6 0  | 22N  | 1   | 26  | 13  | 30  | 10 |
| 244  | 50 | 74 | 505 | A  | 840597 | 7400  | 14000 | 94D09 | 451 16  | 4.5 220 | 25BBM     |        | 6 5  | 3N   | 1   | 29  | 13  | 42  | 12 |
| 245  | 50 | 74 | 505 | A  | 840599 | 7200  | 14000 | 94D09 | 351 16  | 4.9 220 | 25BBM     |        | 7 0  | 25N  | 1   | 24  | 14  | 41  | 12 |
| 246  | 50 | 74 | 505 | A  | 840600 | 7000  | 14000 | 94D09 | 451 162 | 5.2 220 | 25BBM     |        | 6 0  | 4NE  | 1   | 35  | 16  | 33  | 11 |
| 247  | 50 | 74 | 505 | A  | 840601 | 6800  | 14000 | 94D09 | 451 26  | 5.4 220 | 25LBT     |        |      | 3N   | 2   | 85  | 17  | 94  | 18 |
| 248  | 50 | 74 | 505 | A  | 840602 | 7800  | 13200 | 94D09 | 351 16  | 4.6 215 | 20BBM     |        | 6 5  | 30NE | 1   | 16  | 11  | 22  | 9  |
| 249  | 50 | 74 | 505 | A  | 840603 | 7600  | 13200 | 94D09 | 351 162 | 4.8 2 5 | 10BBM     |        | 8 0  | 35N  | 2   | 26  | 13  | 30  | 11 |
| 250  | 50 | 74 | 505 | A  | 840604 | 8000  | 13200 | 94D09 | 351 16  | 3.8 215 | 20BBM     |        | 6 0  | 25N  | 1   | 10  | 7   | 18  | 6  |
| 251  | 50 | 74 | 505 | A  | 840605 | 8200  | 13200 | 94D09 | 351 16  | 4.4 215 | 20BBM     |        | 5 5  | 20N  | 2   | 20  | 13  | 27  | 8  |
| 252  | 50 | 74 | 505 | A  | 840606 | 8400  | 13200 | 94D09 | 251 16  | 4.5 220 | 25BBM     |        | 4 0  | 15N  | 1   | 19  | 10  | 29  | 10 |
| 253  | 50 | 74 | 505 | A  | 840607 | 8600  | 13200 | 94D09 | 251 26  | 4.9 215 | 20BBM     |        | 4 0  | 10N  | 1   | 25  | 10  | 24  | 10 |
| 254  | 50 | 74 | 505 | A  | 840608 | 8800  | 13200 | 94D09 | 251 26  | 5.0 220 | 25BBM     |        | 3 5  | 3NW  | 1   | 29  | 19  | 31  | 9  |
| 255  | 50 | 74 | 505 | A  | 840609 | 9000  | 13200 | 94D09 | 251 26  | 4.4 220 | 25BBM     |        | 4 5  | 5N   | 1   | 13  | 10  | 16  | 4  |
| 256  | 50 | 74 | 505 | A  | 840610 | 9200  | 13200 | 94D09 | 351 26  | 4.8 215 | 20BBM     |        | 4 0  | 25E  | 1   | 61  | 11  | 27  | 10 |
| 257  | 50 | 74 | 505 | A  | 841056 | 9210  | 13560 | 94D09 | 351 16  |         | 215 20BBM |        | 6 0  | 20NE | 6   | 436 | 14  | 24  | 12 |
| 258  | 50 | 74 | 505 | A  | 841057 | 9320  | 13500 | 94D09 | 251 16  |         | 215 20BBM |        | 7 0  | 18W  | 8   | 483 | 15  | 39  | 19 |
| 259  | 50 | 74 | 505 | A  | 841058 | 9210  | 13340 | 94D09 | 251 16  |         | 215 20PBF |        | 7 0  | 15W  | 48  | 324 | 6   | 16  | 8  |
| 260  | 50 | 74 | 505 | A  | 841059 | 9110  | 13390 | 94D09 | 251 16  |         | 210 15BBM |        | 7 0  | 15NE | 10  | 600 | 15  | 45  | 15 |
| 261  | 50 | 74 | 505 | A  | 841060 | 9040  | 13200 | 94D09 | 251 16  |         | 210 15BBM |        | 6 5  | 5NE  | 1   | 87  | 9   | 25  | 1  |
| 262  | 50 | 74 | 505 | A  | 841061 | 9170  | 13180 | 94D09 | 251 16  |         | 215 20BBM |        | 7 0  | 15W  | 1   | 39  | 1   | 25  | 9  |
| 263  | 50 | 74 | 505 | A  | 841062 | 9070  | 13050 | 94D09 | 151 26  |         | 215 20BBM |        | 6 5  | 15NW | 4   | 443 | 13  | 42  | 25 |
| 264  | 50 | 74 | 505 | A  | 841063 | 9190  | 13010 | 94D09 | 251 16  |         | 215 20BBM |        | 7 0  | 5NW  | 3   | 39  | 11  | 17  | 7  |
| 265  | 50 | 74 | 505 | A  | 841064 | 9000  | 12900 | 94D09 | 251 26  |         | 215 20BBM |        | 6 0  | 18NE | 2   | 49  | 1   | 23  | 8  |
| 266  | 50 | 74 | 505 | A  | 841065 | 9100  | 12870 | 94D09 | 251 26  |         | 15 20BBM  |        | 6 5  | 5W   | 5   | 323 | 11  | 34  | 23 |
| 267  | 50 | 74 | 505 | A  | 841067 | 8940  | 12750 | 94D09 | 351 162 |         | 215 20BBM |        | 7 0  | 25NE | 1   | 119 | 11  | 34  | 17 |
| 268  | 50 | 74 | 505 | A  | 841068 | 9050  | 12720 | 94D09 | 351 162 |         | 215 20BBM |        | 7 0  | 20SW | 5   | 163 | 1   | 28  | 13 |
| 269  | 60 | 74 | 505 | A  | 841069 | 8870  | 12610 | 94D09 | 351 18  |         | 2 TF      |        |      | 30W  | 17  | 831 | 1   | 26  | 15 |
| 270  | 50 | 74 | 505 | A  | 841071 | 8950  | 12480 | 94D09 | 251 16  |         | 215 20BBM |        | 7 0  | 15S  | 2   | 247 | 6   | 26  | 18 |

## LISTING OF BIRD

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| RECD | TY | YE | PRJ | ID     | U    | Mn   | Fe% | Ag  | Co  | Au  | As | Hg | Sb | Sn | W | F | Th | Cd | Bi | V   | Ba  | Sr |
|------|----|----|-----|--------|------|------|-----|-----|-----|-----|----|----|----|----|---|---|----|----|----|-----|-----|----|
| 1    | 61 | 74 | 505 | 800534 | 2.0  | 635  | 3.6 | 0.1 | 14  | 5   | 2  |    | 2  |    | 2 |   | 2  | 2  | 3  | 96  | 88  | 29 |
| 2    | 50 | 74 | 505 | 800536 | 4.0  | 530  | 3.4 | 0.1 | 21  | 10  | 4  |    | 2  |    | 2 |   | 2  | 1  | 4  | 106 | 257 | 44 |
| 3    | 61 | 74 | 505 | 800537 | 3.0  | 441  | 2.5 | 0.1 | 13  | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 62  | 85  | 34 |
| 4    | 61 | 74 | 505 | 800538 | 2.0  | 389  | 3.7 | 0.1 | 14  | 30  | 2  |    | 2  |    | 2 |   | 2  | 2  | 3  | 82  | 67  | 29 |
| 5    | 50 | 74 | 505 | 800733 | 2.0  | 289  | 2.4 | 0.1 | 10  | 5   | 2  |    | 4  |    | 2 |   | 2  | 1  | 2  | 70  | 93  | 34 |
| 6    | 50 | 74 | 505 | 800736 | 3.0  | 519  | 3.0 | 0.1 | 13  | 10  | 6  |    | 2  |    | 2 |   | 2  | 1  | 3  | 79  | 120 | 36 |
| 7    | 50 | 74 | 505 | 800741 | 2.0  | 349  | 2.5 | 0.4 | 9   | 5   | 6  |    | 2  |    | 2 |   | 2  | 1  | 3  | 66  | 89  | 35 |
| 8    | 50 | 74 | 505 | 800742 | 3.0  | 521  | 3.4 | 0.2 | 14  | 5   | 10 |    | 2  |    | 2 |   | 2  | 1  | 3  | 78  | 300 | 50 |
| 9    | 50 | 74 | 505 | 800744 | 2.0  | 476  | 2.9 | 0.1 | 12  | 10  | 12 |    | 2  |    | 2 |   | 2  | 1  | 3  | 74  | 99  | 31 |
| 10   | 50 | 74 | 505 | 800747 | 3.0  | 497  | 3.1 | 0.1 | 18  | 5   | 4  |    | 2  |    | 2 |   | 2  | 2  | 3  | 101 | 198 | 58 |
| 11   | 50 | 74 | 505 | 800749 | 8.0  | 548  | 2.6 | 0.1 | 10  | 20  | 8  |    | 2  |    | 2 |   | 2  | 1  | 2  | 66  | 114 | 43 |
| 12   | 50 | 74 | 505 | 800751 | 5.0  | 283  | 1.9 | 0.1 | 10  | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 62  | 104 | 35 |
| 13   | 50 | 74 | 505 | 800754 | 3.0  | 183  | 2.2 | 0.1 | 6   | 20  | 4  |    | 3  |    | 2 |   | 2  | 1  | 2  | 62  | 49  | 25 |
| 14   | 50 | 74 | 505 | 800755 | 2.0  | 173  | 2.3 | 0.1 | 5   | 10  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 78  | 52  | 26 |
| 15   | 50 | 74 | 505 | 800756 | 2.0  | 278  | 4.3 | 0.1 | 7   | 20  | 3  |    | 4  |    | 2 |   | 2  | 1  | 3  | 86  | 30  | 15 |
| 16   | 50 | 74 | 505 | 800757 | 3.0  | 720  | 3.9 | 0.1 | 24  | 20  | 6  |    | 3  |    | 2 |   | 2  | 2  | 3  | 84  | 87  | 33 |
| 17   | 50 | 74 | 505 | 800762 | 3.0  | 718  | 3.7 | 0.1 | 27  | 10  | 11 |    | 5  |    | 2 |   | 2  | 2  | 2  | 80  | 112 | 40 |
| 18   | 50 | 74 | 505 | 800763 | 2.0  | 464  | 3.0 | 0.1 | 18  | 20  | 5  |    | 3  |    | 2 |   | 2  | 2  | 2  | 77  | 90  | 35 |
| 19   | 50 | 74 | 505 | 800766 | 3.0  | 405  | 2.8 | 0.1 | 7   | 20  | 6  |    | 2  |    | 2 |   | 2  | 1  | 2  | 78  | 68  | 26 |
| 20   | 50 | 74 | 505 | 800767 | 2.0  | 396  | 2.9 | 0.1 | 9   |     | 4  |    | 2  |    | 2 |   | 2  | 1  | 3  | 74  | 90  | 27 |
| 21   | 50 | 74 | 505 | 800768 | 2.0  | 270  | 2.8 | 0.1 | 8   | 20  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 75  | 82  | 33 |
| 22   | 50 | 74 | 505 | 800770 | 3.0  | 1123 | 3.3 | 0.1 | 16  | 10  | 3  |    | 3  |    | 2 |   | 2  | 2  | 3  | 88  | 123 | 41 |
| 23   | 50 | 74 | 505 | 800773 | 2.0  | 162  | 2.8 | 0.1 | 5   | 10  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 88  | 70  | 34 |
| 24   | 50 | 74 | 505 | 800775 | 5.0  | 974  | 5.1 | 0.4 | 38  | 330 | 4  |    | 5  |    | 2 |   | 2  | 3  | 3  | 73  | 65  | 24 |
| 25   | 50 | 74 | 505 | 800776 | 2.0  | 1120 | 6.1 | 0.1 | 37  | 30  | 12 |    | 4  |    | 2 |   | 2  | 2  | 3  | 80  | 63  | 20 |
| 26   | 50 | 74 | 505 | 800780 | 2.0  | 1659 | 6.2 | 0.1 | 27  | 30  | 6  |    | 3  |    | 2 |   | 2  | 2  | 4  | 86  | 50  | 18 |
| 27   | 50 | 74 | 505 | 800824 | 2.0  | 227  | 2.3 | 0.1 | 7   | 10  | 2  |    | 2  |    | 2 |   | 2  | 1  | 3  | 65  | 114 | 32 |
| 28   | 50 | 74 | 505 | 800828 | 2.0  | 375  | 2.5 | 0.1 | 8   | 5   | 3  |    | 2  |    | 2 |   | 2  | 1  | 3  | 67  | 96  | 32 |
| 29   | 50 | 74 | 505 | 800831 | 2.0  | 207  | 2.2 | 0.1 | 7   | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 52  | 198 | 43 |
| 30   | 50 | 74 | 505 | 800832 | 10.0 | 417  | 3.2 | 0.1 | 17  | 10  | 6  |    | 2  |    | 2 |   | 2  | 1  | 3  | 104 | 351 | 74 |
| 31   | 50 | 74 | 505 | 800833 | 6.0  | 350  | 3.0 | 0.1 | 15  | 5   | 4  |    | 2  |    | 2 |   | 2  | 1  | 3  | 88  | 345 | 56 |
| 32   | 50 | 74 | 505 | 800834 | 8.0  | 224  | 1.5 | 0.2 | 8   | 5   | 4  |    | 4  |    | 4 |   | 2  | 4  | 4  | 38  | 48  | 36 |
| 33   | 50 | 74 | 505 | 801156 | 6.0  | 997  | 3.2 | 0.1 | 48  | 5   | 4  |    | 3  |    | 2 |   | 2  | 2  | 2  | 99  | 574 | 46 |
| 34   | 60 | 74 | 505 | 801161 | 2.0  | 1076 | 4.6 | 0.1 | 24  | 5   | 10 |    | 2  |    | 2 |   | 2  | 2  | 4  | 97  | 90  | 44 |
| 35   | 50 | 74 | 505 | 801163 | 2.0  | 360  | 4.4 | 0.1 | 10  | 10  | 6  |    | 2  |    | 2 |   | 2  | 1  | 3  | 119 | 75  | 23 |
| 36   | 50 | 74 | 505 | 801164 | 2.0  | 530  | 3.4 | 0.1 | 14  | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 3  | 87  | 105 | 26 |
| 37   | 60 | 74 | 505 | 801165 | 2.0  | 776  | 3.3 | 0.1 | 13  | 5   | 4  |    | 2  |    | 2 |   | 2  | 1  | 3  | 76  | 124 | 24 |
| 38   | 50 | 74 | 505 | 801166 | 4.0  | 502  | 2.5 | 0.2 | 10  | 5   | 4  |    | 4  |    | 4 |   | 4  | 2  | 4  | 80  | 68  | 18 |
| 39   | 50 | 74 | 505 | 801167 | 3.0  | 769  | 3.6 | 0.1 | 16  | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 3  | 79  | 89  | 27 |
| 40   | 50 | 74 | 505 | 801169 | 8.0  | 686  | 3.7 | 0.1 | 20  | 10  | 7  |    | 2  |    | 2 |   | 2  | 2  | 4  | 100 | 232 | 51 |
| 41   | 50 | 74 | 505 | 801170 | 2.0  | 655  | 3.2 | 0.1 | 23  | 5   | 2  |    | 5  |    | 2 |   | 2  | 2  | 2  | 85  | 138 | 33 |
| 42   | 50 | 74 | 505 | 801171 | 2.0  | 1638 | 2.4 | 0.1 | 145 | 5   | 5  |    | 2  |    | 2 |   | 2  | 2  | 3  | 51  | 86  | 40 |
| 43   | 50 | 74 | 505 | 801172 | 4.0  | 370  | 3.8 | 0.1 | 9   | 5   | 2  |    | 2  |    | 2 |   | 2  | 2  | 3  | 86  | 78  | 29 |
| 44   | 50 | 74 | 505 | 801173 | 5.0  | 360  | 3.0 | 0.1 | 13  | 10  | 2  |    | 2  |    | 2 |   | 2  | 1  | 3  | 64  | 62  | 25 |
| 45   | 50 | 74 | 505 | 801174 | 2.0  | 1546 | 4.1 | 0.1 | 56  | 10  | 2  |    | 2  |    | 2 |   | 2  | 2  | 4  | 63  | 79  | 29 |
| 46   | 50 | 74 | 505 | 801175 | 1.0  | 395  | 2.3 | 0.1 | 30  | 1   | 1  |    | 1  |    | 1 |   | 1  | 1  | 1  | 45  | 80  | 25 |
| 47   | 50 | 74 | 505 | 801177 | 6.0  | 581  | 4.2 | 0.1 | 21  | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 4  | 109 | 101 | 38 |
| 48   | 50 | 74 | 505 | 801179 | 2.0  | 407  | 2.5 | 0.3 | 8   | 0   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 68  | 41  | 20 |
| 49   | 60 | 74 | 505 | 801180 | 2.0  | 411  | 2.9 | 0.1 | 10  | 140 | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 70  | 40  | 22 |
| 50   | 50 | 74 | 505 | 801181 | 2.0  | 330  | 2.9 | 0.1 | 8   | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 87  | 53  | 19 |
| 51   | 50 | 74 | 505 | 801182 | 3.0  | 419  | 4.0 | 0.1 | 11  | 5   | 4  |    | 2  |    | 2 |   | 2  | 2  | 3  | 105 | 52  | 17 |
| 52   | 50 | 74 | 505 | 801186 | 2.0  | 329  | 3.2 | 0.2 | 10  | 5   | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 83  | 65  | 20 |
| 53   | 50 | 74 | 505 | 801187 | 2.0  | 362  | 3.2 | 0.1 | 12  | 5   | 3  |    | 2  |    | 2 |   | 2  | 1  | 3  | 80  | 61  | 22 |
| 54   | 50 | 74 | 505 | 801189 | 4.0  | 422  | 4.6 | 0.2 | 12  | 5   | 4  |    | 4  |    | 4 |   | 4  | 2  | 4  | 76  | 102 | 18 |

| RECD | TY | YE | PRJ | ID     | U    | Mn   | Fe%  | Ag  | Co  | Au  | As | Hg | Sb | Sn | W | F | Th | Cd | Bi | V   | Ba  | Sr  |
|------|----|----|-----|--------|------|------|------|-----|-----|-----|----|----|----|----|---|---|----|----|----|-----|-----|-----|
| 55   | 50 | 74 | 505 | 801190 | 3.0  | 389  | 2.7  | 0.1 | 6   | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 89  | 39  | 20  |
| 56   | 50 | 74 | 505 | 801191 | 2.0  | 666  | 2.7  | 0.1 | 5   | 10  | 2  |    | 2  |    | 2 |   | 2  | 1  | 3  | 77  | 45  | 19  |
| 57   | 50 | 74 | 505 | 801192 | 2.0  | 159  | 2.5  | 0.1 | 6   | 20  | 2  |    | 2  |    | 2 |   | 2  | 1  | 3  | 62  | 46  | 19  |
| 58   | 50 | 74 | 505 | 801193 | 1.0  | 395  | 3.3  | 0.5 | 1   | 1   | 1  |    | 1  |    | 1 |   | 1  | 1  | 1  | 80  | 145 | 15  |
| 59   | 50 | 74 | 505 | 801194 | 4.0  | 942  | 3.6  | 0.2 | 38  | 5   | 8  |    | 4  |    | 4 |   | 4  | 2  | 4  | 78  | 82  | 34  |
| 60   | 50 | 74 | 505 | 801195 | 3.0  | 241  | 2.1  | 0.1 | 9   | 5   | 6  |    | 2  |    | 2 |   | 2  | 1  | 2  | 58  | 66  | 28  |
| 61   | 50 | 74 | 505 | 801198 | 3.0  | 521  | 2.9  | 0.1 | 14  | 20  | 2  |    | 2  |    | 2 |   | 2  | 1  | 3  | 47  | 49  | 21  |
| 62   | 50 | 74 | 505 | 801223 | 2.0  | 1110 | 6.2  | 0.1 | 3   | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 80  | 50  | 2   |
| 63   | 50 | 74 | 505 | 801225 | 2.0  | 576  | 4.8  | 0.1 | 19  | 3   | 2  |    | 2  |    | 2 |   | 2  | 2  | 3  | 61  | 35  | 13  |
| 64   | 50 | 74 | 505 | 801228 | 7.0  | 556  | 3.1  | 0.1 | 2   | 2   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 73  | 89  | 28  |
| 65   | 50 | 74 | 505 | 801230 | 45.0 | 1995 | 13.5 | 0.1 | 60  | 5   | 3  |    | 3  |    | 3 |   | 3  | 1  | 3  | 225 | 10  | 60  |
| 66   | 50 | 74 | 505 | 801233 | 2.0  | 384  | 5.5  | 0.1 | 1   | 0   | 3  |    | 2  |    | 2 |   | 2  | 2  | 2  | 137 | 72  | 23  |
| 67   | 50 | 74 | 505 | 801234 | 2.0  | 1470 | 4.4  | 0.1 | 50  | 0   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 70  | 110 | 2   |
| 68   | 50 | 74 | 505 | 801235 | 2.0  | 360  | 4.6  | 0.1 | 1   | 0   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 110 | 60  | 1   |
| 69   | 50 | 74 | 505 | 801236 | 3.0  | 1650 | 21.1 | 0.1 | 45  | 40  | 3  |    | 3  |    | 3 |   | 3  | 1  | 3  | 375 | 180 | 60  |
| 70   | 50 | 74 | 505 | 801237 | 2.0  | 507  | 4.4  | 0.1 | 17  | 1   | 3  |    | 2  |    | 2 |   | 2  | 2  | 3  | 92  | 55  | 21  |
| 71   | 50 | 74 | 505 | 801239 | 2.0  | 874  | 6.2  | 0.1 | 37  | 30  | 8  |    | 2  |    | 2 |   | 2  | 2  | 3  | 76  | 51  | 16  |
| 72   | 50 | 74 | 505 | 801240 | 2.0  | 484  | 4.1  | 0.1 | 12  | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 3  | 112 | 54  | 22  |
| 73   | 50 | 74 | 505 | 801241 | 2.0  | 507  | 6.8  | 0.1 | 13  | 0   | 5  |    | 2  |    | 2 |   | 2  | 2  | 2  | 99  | 42  | 12  |
| 74   | 50 | 74 | 505 | 801242 | 2.0  | 391  | 3.4  | 0.1 | 16  | 10  | 2  |    | 2  |    | 2 |   | 2  | 2  | 3  | 78  | 58  | 28  |
| 75   | 50 | 74 | 505 | 801248 | 2.0  | 585  | 3.9  | 0.1 | 14  | 5   | 4  |    | 2  |    | 2 |   | 2  | 2  | 2  | 96  | 80  | 31  |
| 76   | 50 | 74 | 505 | 801253 | 4.0  | 786  | 4.3  | 0.1 | 21  | 0   | 11 |    | 2  |    | 2 |   | 2  | 2  | 2  | 90  | 90  | 34  |
| 77   | 50 | 74 | 505 | 801255 | 72.0 | 5088 | 26.6 | 0.1 | 132 | 10  | 72 |    | 2  |    | 2 |   | 2  | 1  | 2  | 612 | 516 | 228 |
| 78   | 50 | 74 | 505 | 801256 | 2.0  | 845  | 3.6  | 0.1 | 17  | 5   | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 82  | 151 | 43  |
| 79   | 50 | 74 | 505 | 801258 | 2.0  | 669  | 3.8  | 0.2 | 15  | 5   | 10 |    | 2  |    | 2 |   | 2  | 1  | 2  | 100 | 126 | 35  |
| 80   | 50 | 74 | 505 | 801259 | 2.0  | 284  | 2.9  | 0.2 | 7   | 10  | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 62  | 65  | 22  |
| 81   | 50 | 74 | 505 | 801260 | 2.0  | 696  | 4.5  | 0.1 | 15  | 5   | 11 |    | 2  |    | 2 |   | 2  | 1  | 2  | 116 | 89  | 33  |
| 82   | 50 | 74 | 505 | 801261 | 2.0  | 952  | 4.2  | 0.1 | 21  | 10  | 11 |    | 2  |    | 2 |   | 2  | 2  | 2  | 93  | 120 | 39  |
| 83   | 50 | 74 | 505 | 801262 | 2.0  | 699  | 3.9  | 0.5 | 18  | 5   | 7  |    | 2  |    | 2 |   | 2  | 2  | 3  | 90  | 203 | 48  |
| 84   | 50 | 74 | 505 | 801263 | 2.0  | 841  | 4.4  | 0.1 | 20  | 5   | 11 |    | 2  |    | 2 |   | 2  | 2  | 2  | 97  | 127 | 44  |
| 85   | 50 | 74 | 505 | 801264 | 2.0  | 806  | 3.9  | 0.3 | 14  | 5   | 6  |    | 2  |    | 2 |   | 2  | 1  | 3  | 83  | 113 | 45  |
| 86   | 50 | 74 | 505 | 801265 | 2.0  | 563  | 4.3  | 0.2 | 15  | 5   | 13 |    | 2  |    | 2 |   | 2  | 2  | 2  | 102 | 107 | 45  |
| 87   | 50 | 74 | 505 | 801266 | 3.0  | 350  | 3.7  | 0.1 | 10  | 10  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 86  | 72  | 31  |
| 88   | 50 | 74 | 505 | 801267 | 2.0  | 771  | 4.7  | 0.1 | 19  | 5   | 21 |    | 2  |    | 2 |   | 2  | 2  | 2  | 114 | 119 | 33  |
| 89   | 50 | 74 | 505 | 801269 | 2.0  | 750  | 4.6  | 0.1 | 18  | 5   | 13 |    | 2  |    | 2 |   | 2  | 2  | 2  | 101 | 88  | 36  |
| 90   | 50 | 74 | 505 | 801274 | 4.0  | 457  | 3.6  | 0.1 | 14  | 5   | 8  |    | 2  |    | 2 |   | 2  | 1  | 2  | 84  | 56  | 32  |
| 91   | 60 | 74 | 505 | 801277 | 5.0  | 631  | 3.8  | 0.2 | 34  | 5   | 8  |    | 3  |    | 2 |   | 2  | 1  | 2  | 80  | 82  | 39  |
| 92   | 50 | 74 | 505 | 801278 | 2.0  | 428  | 2.6  | 0.3 | 13  | 0   | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 69  | 78  | 30  |
| 93   | 50 | 74 | 505 | 820001 | 2.0  | 292  | 3.2  | 0.3 | 7   | 5   | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 84  | 43  | 27  |
| 94   | 50 | 74 | 505 | 820002 | 2.0  | 344  | 4.6  | 0.1 | 9   | 5   | 6  |    | 3  |    | 2 |   | 2  | 2  | 2  | 118 | 68  | 26  |
| 95   | 50 | 74 | 505 | 820003 | 2.0  | 303  | 3.9  | 0.4 | 8   | 10  | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 108 | 44  | 29  |
| 96   | 50 | 74 | 505 | 820004 | 2.0  | 2292 | 19.3 | 0.2 | 48  | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 516 | 264 | 180 |
| 97   | 50 | 74 | 505 | 820005 | 2.0  | 381  | 4.4  | 0.2 | 10  | 5   | 5  |    | 2  |    | 2 |   | 2  | 1  | 2  | 114 | 70  | 25  |
| 98   | 50 | 74 | 505 | 820006 | 2.0  | 256  | 2.7  | 0.4 | 7   | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 88  | 61  | 34  |
| 99   | 50 | 74 | 505 | 820007 | 5.0  | 532  | 3.0  | 0.2 | 1   | 10  | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 85  | 131 | 52  |
| 100  | 50 | 74 | 505 | 820008 | 3.0  | 329  | 3.4  | 0.3 | 10  | 10  | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 92  | 91  | 40  |
| 101  | 50 | 74 | 505 | 820009 | 2.0  | 1380 | 18.2 | 0.1 | 3   | 260 | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 492 | 228 | 168 |
| 102  | 50 | 74 | 505 | 820010 | 2.0  | 193  | 3.0  | 0.2 | 7   | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 92  | 32  | 18  |
| 103  | 50 | 74 | 505 | 820011 | 2.0  | 206  | 2.9  | 0.3 | 6   | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 92  | 35  | 27  |
| 104  | 50 | 74 | 505 | 820012 | 2.0  | 326  | 4.2  | 0.3 | 11  | 10  | 3  |    | 2  |    | 2 |   | 2  | 2  | 2  | 92  | 42  | 2   |
| 105  | 50 | 74 | 505 | 820013 | 3.0  | 291  | 3.4  | 0.2 | 8   | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 92  | 62  | 32  |
| 106  | 50 | 74 | 505 | 820014 | 2.0  | 106  | 1.4  | 0.4 | 2   | 10  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 51  | 54  | 28  |
| 107  | 50 | 74 | 505 | 820015 | 3.0  | 171  | 2.9  | 0.4 | 4   | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 91  | 53  | 2   |
| 108  | 50 | 74 | 505 | 820017 | 2.0  | 380  | 4.7  | 0.9 | 1   | 10  | 8  |    | 2  |    | 2 |   | 2  | 2  | 2  | 78  | 52  | 20  |

| RECD | TY | YE | PRJ | ID     | U   | Mn   | Fe%  | Ag  | Co  | Au | As | Hg | Sb | Sn | W | F | Th | Cd | Bi | V   | Ba  | Sr  |
|------|----|----|-----|--------|-----|------|------|-----|-----|----|----|----|----|----|---|---|----|----|----|-----|-----|-----|
| 109  | 50 | 74 | 505 | 820018 | 2.0 | 375  | 5.8  | 0.3 | 11  | 5  | 7  |    | 2  |    | 2 |   | 2  | 2  | 2  | 89  | 41  | 1   |
| 110  | 50 | 74 | 505 | 820019 | 2.0 | 297  | 3.9  | 0.7 | 10  | 20 | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 66  | 40  | 17  |
| 111  | 50 | 74 | 505 | 820020 | 2.0 | 210  | 2.5  | 0.5 | 5   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 92  | 43  | 21  |
| 112  | 50 | 74 | 505 | 820021 | 2.0 | 852  | 1.9  | 0.1 | 2   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 492 | 204 | 144 |
| 113  | 50 | 74 | 505 | 820022 | 2.0 | 206  | 2.9  | 0.2 | 5   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 98  | 39  | 2   |
| 114  | 50 | 74 | 505 | 820023 | 2.0 | 266  | 2.0  | 0.3 | 6   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 86  | 47  | 34  |
| 115  | 50 | 74 | 505 | 820024 | 3.0 | 406  | 4.1  | 0.2 | 9   | 0  | 9  |    | 2  |    | 2 |   | 2  | 1  | 2  | 113 | 52  | 29  |
| 116  | 50 | 74 | 505 | 820025 | 2.0 | 292  | 3.6  | 0.4 | 7   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 94  | 39  | 23  |
| 117  | 50 | 74 | 505 | 820027 | 2.0 | 336  | 3.6  | 0.4 | 8   | 5  | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 93  | 47  | 32  |
| 118  | 50 | 74 | 505 | 820028 | 2.0 | 30   | 5.1  | 0.1 | 1   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 195 | 105 | 90  |
| 119  | 50 | 74 | 505 | 820029 | 3.0 | 18   | 1.4  | 0.1 | 4   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 55  | 26  | 25  |
| 120  | 50 | 74 | 505 | 820030 | 2.0 | 1404 | 19.3 | 0.2 | 3   | 5  | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 456 | 276 | 10  |
| 121  | 50 | 74 | 505 | 820031 | 2.0 | 181  | 3.4  | 0.3 | 4   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 91  | 45  | 23  |
| 122  | 50 | 74 | 505 | 820033 | 2.0 | 2191 | 3.8  | 0.2 | 17  | 5  | 5  |    | 2  |    | 2 |   | 2  | 2  | 4  | 77  | 19  | 35  |
| 123  | 50 | 74 | 505 | 820035 | 2.0 | 229  | 2.6  | 0.3 | 4   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 83  | 42  | 27  |
| 124  | 50 | 74 | 505 | 820036 | 2.0 | 255  | 3.0  | 0.1 | 8   | 10 | 5  |    | 2  |    | 2 |   | 2  | 1  | 2  | 79  | 52  | 2   |
| 125  | 50 | 74 | 505 | 820037 | 2.0 | 352  | 4.1  | 0.7 | 6   | 10 | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 115 | 35  | 17  |
| 126  | 50 | 74 | 505 | 820038 | 3.0 | 456  | 5.0  | 0.1 | 1   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 312 | 228 | 168 |
| 127  | 50 | 74 | 505 | 820040 | 2.0 | 417  | 4.5  | 0.4 | 11  | 20 | 7  |    | 2  |    | 2 |   | 2  | 2  | 2  | 81  | 43  | 23  |
| 128  | 50 | 74 | 505 | 820041 | 2.0 | 13   | 1.4  | 0.4 | 3   | 0  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 57  | 58  | 25  |
| 129  | 50 | 74 | 505 | 820042 | 4.0 | 280  | 3.1  | 0.1 | 9   | 5  | 5  |    | 2  |    | 2 |   | 2  | 1  | 2  | 77  | 70  | 32  |
| 130  | 50 | 74 | 505 | 820043 | 2.0 | 279  | 3.2  | 0.1 | 7   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 100 | 42  | 2   |
| 131  | 50 | 74 | 505 | 820044 | 2.0 | 124  | 2.0  | 0.2 | 3   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 744 | 20  | 132 |
| 132  | 50 | 74 | 505 | 820045 | 3.0 | 225  | 2.3  | 0.3 | 6   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 90  | 32  | 27  |
| 133  | 50 | 74 | 505 | 820046 | 2.0 | 492  | 7.8  | 0.1 | 1   | 0  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 288 | 132 | 10  |
| 134  | 50 | 74 | 505 | 820047 | 2.0 | 705  | 8.7  | 0.1 | 1   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 255 | 135 | 90  |
| 135  | 50 | 74 | 505 | 820050 | 2.0 | 1175 | 3.6  | 0.2 | 56  | 5  | 5  |    | 3  |    | 2 |   | 2  | 2  | 2  | 98  | 287 | 46  |
| 136  | 50 | 74 | 505 | 820052 | 2.0 | 638  | 4.1  | 0.2 | 13  | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 109 | 74  | 3   |
| 137  | 50 | 74 | 505 | 820053 | 2.0 | 253  | 2.6  | 0.1 | 6   | 0  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 108 | 43  | 32  |
| 138  | 50 | 74 | 505 | 820055 | 2.0 | 140  | 3.0  | 0.3 | 17  | 40 | 19 |    | 2  |    | 2 |   | 2  | 2  | 3  | 77  | 177 | 60  |
| 139  | 50 | 74 | 505 | 820056 | 2.0 | 675  | 3.9  | 0.3 | 18  | 5  | 17 |    | 2  |    | 2 |   | 2  | 1  | 2  | 99  | 115 | 41  |
| 140  | 50 | 74 | 505 | 820059 | 2.0 | 3114 | 4.0  | 0.3 | 32  | 0  | 31 |    | 3  |    | 2 |   | 2  | 3  | 4  | 72  | 135 | 21  |
| 141  | 50 | 74 | 505 | 820060 | 2.0 | 9840 | 2.1  | 0.2 | 180 | 80 | 10 |    | 2  |    | 2 |   | 2  | 1  | 2  | 576 | 828 | 168 |
| 142  | 50 | 74 | 505 | 820061 | 2.0 | 1675 | 3.7  | 0.2 | 20  | 10 | 10 |    | 2  |    | 2 |   | 2  | 2  | 3  | 85  | 161 | 46  |
| 143  | 50 | 74 | 505 | 820062 | 3.0 | 404  | 3.1  | 0.3 | 9   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 92  | 81  | 25  |
| 144  | 50 | 74 | 505 | 820064 | 4.0 | 130  | 1.3  | 0.6 | 5   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 47  | 95  | 51  |
| 145  | 50 | 74 | 505 | 820066 | 2.0 | 265  | 3.5  | 0.3 | 7   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 112 | 41  | 23  |
| 146  | 50 | 74 | 505 | 820067 | 2.0 | 211  | 3.3  | 0.2 | 5   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 86  | 50  | 23  |
| 147  | 50 | 74 | 505 | 820069 | 3.0 | 1028 | 3.5  | 0.1 | 37  | 20 | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 80  | 89  | 32  |
| 148  | 50 | 74 | 505 | 820070 | 2.0 | 183  | 3.4  | 0.5 | 4   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 108 | 35  | 22  |
| 149  | 50 | 74 | 505 | 820071 | 2.0 | 134  | 2.2  | 0.2 | 3   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 81  | 35  | 22  |
| 150  | 50 | 74 | 505 | 820072 | 2.0 | 127  | 2.3  | 0.3 | 3   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 72  | 51  | 21  |
| 151  | 50 | 74 | 505 | 820073 | 2.0 | 110  | 1.8  | 0.4 | 3   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 74  | 38  | 116 |
| 152  | 50 | 74 | 505 | 820074 | 2.0 | 135  | 1.4  | 0.3 | 2   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 54  | 41  | 17  |
| 153  | 50 | 74 | 505 | 820076 | 2.0 | 87   | 1.6  | 0.4 | 2   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 58  | 36  | 18  |
| 154  | 50 | 74 | 505 | 820077 | 2.0 | 315  | 3.7  | 0.2 | 6   | 5  | 11 |    | 2  |    | 2 |   | 2  | 1  | 2  | 72  | 46  | 17  |
| 155  | 50 | 74 | 505 | 820078 | 2.0 | 167  | 3.3  | 0.2 | 5   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 82  | 45  | 17  |
| 156  | 50 | 74 | 505 | 820079 | 2.0 | 176  | 2.3  | 0.2 | 3   | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 65  | 47  | 16  |
| 157  | 50 | 74 | 505 | 820080 | 2.0 | 230  | 4.1  | 0.3 | 6   | 20 | 5  |    | 2  |    | 2 |   | 2  | 1  | 2  | 96  | 47  | 21  |
| 158  | 50 | 74 | 505 | 840481 | 2.0 | 711  | 3.4  | 0.1 | 32  | 10 | 8  |    | 3  |    | 2 |   | 2  | 1  | 2  | 79  | 119 | 36  |
| 159  | 50 | 74 | 505 | 840482 | 2.0 | 410  | 3.6  | 0.1 | 17  | 10 | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 79  | 101 | 31  |
| 160  | 50 | 74 | 505 | 840484 | 4.0 | 376  | 2.8  | 0.2 | 13  | 5  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 69  | 411 | 40  |
| 161  | 50 | 74 | 505 | 840486 | 2.0 | 500  | 3.4  | 0.2 | 20  | 5  | 3  |    | 3  |    | 2 |   | 2  | 1  | 2  | 78  | 107 | 39  |
| 162  | 50 | 74 | 505 | 840489 | 2.0 | 278  | 2.0  | 0.2 | 12  | 10 | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 63  | 137 | 42  |



| RECD | TY | YE | PRJ | ID     | U    | Mn   | Fe% | Ag  | Co | Au  | As | Hg | Sb | Sn | W | F | Th | Cd | B1 | V   | Ba  | Sr |
|------|----|----|-----|--------|------|------|-----|-----|----|-----|----|----|----|----|---|---|----|----|----|-----|-----|----|
| 163  | 50 | 74 | 505 | 840490 | 2.0  | 363  | 2.8 | 0.1 | 10 | 10  | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 79  | 147 | 39 |
| 164  | 50 | 74 | 505 | 840491 | 2.0  | 129  | 1.7 | 0.1 | 4  | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 52  | 43  | 26 |
| 165  | 50 | 74 | 505 | 840492 | 2.0  | 327  | 2.1 | 0.2 | 4  | 5   | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 61  | 45  | 23 |
| 166  | 50 | 74 | 505 | 840494 | 2.0  | 303  | 2.4 | 0.1 | 9  | 10  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 65  | 86  | 28 |
| 167  | 50 | 74 | 505 | 840495 | 2.0  | 317  | 2.6 | 0.1 | 8  | 10  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 69  | 96  | 34 |
| 168  | 50 | 74 | 505 | 840496 | 2.0  | 524  | 2.6 | 0.2 | 10 | 10  | 8  |    | 2  |    | 2 |   | 2  | 1  | 2  | 68  | 110 | 34 |
| 169  | 50 | 74 | 505 | 840498 | 2.0  | 716  | 3.6 | 0.2 | 12 | 10  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 87  | 197 | 33 |
| 170  | 50 | 74 | 505 | 840499 | 3.0  | 669  | 2.8 | 0.4 | 10 | 20  | 7  |    | 2  |    | 2 |   | 2  | 1  | 2  | 67  | 137 | 32 |
| 171  | 50 | 74 | 505 | 840501 | 2.0  | 428  | 2.9 | 0.2 | 10 | 5   | 7  |    | 2  |    | 2 |   | 2  | 1  | 2  | 75  | 98  | 38 |
| 172  | 50 | 74 | 505 | 840502 | 2.0  | 242  | 3.7 | 0.1 | 8  | 10  | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 93  | 73  | 28 |
| 173  | 50 | 74 | 505 | 840506 | 2.0  | 265  | 2.1 | 0.3 | 6  | 10  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 67  | 88  | 33 |
| 174  | 50 | 74 | 505 | 840507 | 2.0  | 232  | 2.3 | 0.1 | 7  | 20  | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 62  | 91  | 32 |
| 175  | 50 | 74 | 505 | 840508 | 2.0  | 1834 | 3.0 | 0.3 | 27 | 10  | 5  |    | 2  |    | 2 |   | 2  | 1  | 2  | 74  | 100 | 29 |
| 176  | 50 | 74 | 505 | 840510 | 2.0  | 265  | 2.6 | 0.2 | 7  | 10  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 72  | 66  | 26 |
| 177  | 50 | 74 | 505 | 840511 | 2.0  | 375  | 3.9 | 0.2 | 8  | 20  | 2  |    | 5  |    | 2 |   | 2  | 1  | 2  | 111 | 78  | 35 |
| 178  | 50 | 74 | 505 | 840512 | 2.0  | 255  | 3.4 | 0.2 | 7  | 30  | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 96  | 54  | 22 |
| 179  | 50 | 74 | 505 | 840513 | 2.0  | 245  | 3.4 | 0.2 | 6  | 20  | 2  |    | 4  |    | 2 |   | 2  | 1  | 2  | 126 | 73  | 20 |
| 180  | 50 | 74 | 505 | 840514 | 2.0  | 258  | 3.5 | 0.1 | 7  | 10  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 104 | 49  | 22 |
| 181  | 50 | 74 | 505 | 840517 | 2.0  | 306  | 3.7 | 0.3 | 9  | 10  | 11 |    | 4  |    | 2 |   | 2  | 1  | 2  | 101 | 90  | 26 |
| 182  | 50 | 74 | 505 | 840520 | 2.0  | 921  | 2.4 | 0.1 | 10 | 10  | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 65  | 106 | 39 |
| 183  | 50 | 74 | 505 | 840521 | 2.0  | 281  | 3.3 | 0.1 | 7  | 20  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 74  | 77  | 21 |
| 184  | 50 | 74 | 505 | 840522 | 4.0  | 478  | 3.8 | 0.1 | 14 | 5   | 11 |    | 4  |    | 2 |   | 2  | 1  | 2  | 90  | 178 | 23 |
| 185  | 50 | 74 | 505 | 840524 | 7.0  | 408  | 2.7 | 0.1 | 10 | 10  | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 71  | 143 | 37 |
| 186  | 50 | 74 | 505 | 840525 | 7.0  | 232  | 2.1 | 0.1 | 7  | 5   | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 61  | 73  | 27 |
| 187  | 50 | 74 | 505 | 840526 | 5.0  | 249  | 2.2 | 0.1 | 8  | 10  | 5  |    | 2  |    | 2 |   | 2  | 1  | 2  | 61  | 80  | 34 |
| 188  | 50 | 74 | 505 | 840528 | 6.0  | 368  | 4.1 | 0.2 | 15 | 5   | 7  |    | 2  |    | 2 |   | 2  | 1  | 2  | 76  | 85  | 32 |
| 189  | 50 | 74 | 505 | 840530 | 5.0  | 250  | 2.4 | 0.2 | 7  | 10  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 54  | 162 | 28 |
| 190  | 50 | 74 | 505 | 840531 | 4.0  | 244  | 2.4 | 0.1 | 6  | 10  | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 65  | 85  | 28 |
| 191  | 50 | 74 | 505 | 840532 | 11.0 | 884  | 3.7 | 0.5 | 15 | 30  | 11 |    | 2  |    | 2 |   | 2  | 1  | 2  | 52  | 204 | 43 |
| 192  | 50 | 74 | 505 | 840533 | 4.0  | 990  | 3.7 | 0.1 | 20 | 10  | 7  |    | 2  |    | 2 |   | 2  | 1  | 2  | 87  | 83  | 30 |
| 193  | 50 | 74 | 505 | 840534 | 5.0  | 817  | 3.7 | 0.2 | 32 | 30  | 9  |    | 4  |    | 2 |   | 2  | 1  | 2  | 81  | 124 | 35 |
| 194  | 50 | 74 | 505 | 840535 | 6.0  | 711  | 3.2 | 0.1 | 31 | 30  | 5  |    | 2  |    | 2 |   | 2  | 1  | 2  | 67  | 108 | 32 |
| 195  | 50 | 74 | 505 | 840536 | 5.0  | 599  | 3.7 | 0.1 | 23 | 20  | 8  |    | 2  |    | 2 |   | 2  | 1  | 2  | 78  | 125 | 32 |
| 196  | 50 | 74 | 505 | 840538 | 5.0  | 190  | 2.9 | 0.1 | 6  | 20  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 72  | 59  | 25 |
| 197  | 50 | 74 | 505 | 840539 | 5.0  | 230  | 3.0 | 0.2 | 6  | 10  | 3  |    | 3  |    | 2 |   | 2  | 1  | 2  | 81  | 63  | 22 |
| 198  | 50 | 74 | 505 | 840540 | 2.0  | 616  | 3.8 | 0.2 | 8  | 10  | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 102 | 49  | 24 |
| 199  | 50 | 74 | 505 | 840541 | 5.0  | 247  | 2.4 | 0.2 | 7  | 10  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 66  | 74  | 28 |
| 200  | 50 | 74 | 505 | 840543 | 4.0  | 732  | 6.1 | 0.4 | 28 | 50  | 14 |    | 5  |    | 2 |   | 2  | 2  | 2  | 76  | 88  | 21 |
| 201  | 50 | 74 | 505 | 840545 | 4.0  | 925  | 4.6 | 0.3 | 34 | 40  | 10 |    | 3  |    | 2 |   | 2  | 1  | 2  | 76  | 76  | 20 |
| 202  | 50 | 74 | 505 | 840548 | 6.0  | 421  | 3.0 | 0.6 | 21 | 40  | 9  |    | 2  |    | 2 |   | 2  | 2  | 2  | 76  | 153 | 29 |
| 203  | 50 | 74 | 505 | 840550 | 4.0  | 1060 | 2.9 | 0.2 | 4  | 20  | 2  |    | 4  |    | 2 |   | 2  | 1  | 2  | 83  | 101 | 23 |
| 204  | 50 | 74 | 505 | 840551 | 3.0  | 930  | 5.6 | 0.2 | 45 | 150 | 10 |    | 2  |    | 2 |   | 2  | 2  | 2  | 68  | 93  | 18 |
| 205  | 50 | 74 | 505 | 840552 | 3.0  | 541  | 2.7 | 0.3 | 8  | 20  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 68  | 113 | 31 |
| 206  | 50 | 74 | 505 | 840553 | 2.0  | 312  | 2.5 | 0.1 | 7  | 10  | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 61  | 113 | 29 |
| 207  | 50 | 74 | 505 | 840554 | 9.0  | 272  | 1.8 | 0.2 | 7  | 10  | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 78  | 202 | 46 |
| 208  | 50 | 74 | 505 | 840555 | 5.0  | 396  | 2.6 | 0.1 | 7  | 5   | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 70  | 110 | 32 |
| 209  | 50 | 74 | 505 | 840556 | 5.0  | 236  | 2.6 | 0.2 | 5  | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 70  | 55  | 24 |
| 210  | 50 | 74 | 505 | 840557 | 6.0  | 163  | 3.0 | 0.2 | 4  | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 68  | 54  | 20 |
| 211  | 50 | 74 | 505 | 840558 | 5.0  | 202  | 2.1 | 0.1 | 6  | 20  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 55  | 50  | 22 |
| 212  | 50 | 74 | 505 | 840559 | 4.0  | 248  | 3.2 | 0.2 | 7  | 10  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 83  | 47  | 21 |
| 213  | 50 | 74 | 505 | 840560 | 3.0  | 232  | 2.9 | 0.2 | 5  | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 75  | 58  | 21 |
| 214  | 50 | 74 | 505 | 840561 | 4.0  | 128  | 3.2 | 0.2 | 3  | 20  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 90  | 48  | 18 |
| 215  | 50 | 74 | 505 | 840562 | 2.0  | 254  | 3.8 | 0.2 | 6  | 20  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 104 | 71  | 36 |
| 216  | 50 | 74 | 505 | 840563 | 3.0  | 208  | 3.1 | 0.1 | 5  | 20  | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 85  | 44  | 17 |

| RECD | TY | YE | PRJ | ID     | U    | Mn   | Fe%  | Ag  | Co | Au  | As | Hg | Sb | Sn | W | F | Th | Cd | Bi | V   | Ba  | Sr  |
|------|----|----|-----|--------|------|------|------|-----|----|-----|----|----|----|----|---|---|----|----|----|-----|-----|-----|
| 217  | 50 | 74 | 505 | 840564 | 6.0  | 557  | 5.2  | 0.1 | 18 | 80  | 10 |    | 3  |    | 2 |   | 2  | 2  | 2  | 63  | 57  | 14  |
| 218  | 50 | 74 | 505 | 840566 | 2.0  | 725  | 5.1  | 0.4 | 23 | 30  | 11 |    | 4  |    | 2 |   | 2  | 2  | 2  | 70  | 49  | 16  |
| 219  | 50 | 74 | 505 | 840567 | 4.0  | 996  | 5.4  | 0.5 | 38 | 60  | 6  |    | 3  |    | 2 |   | 2  | 2  | 2  | 71  | 53  | 16  |
| 220  | 50 | 74 | 505 | 840568 | 2.0  | 246  | 2.6  | 0.1 | 5  | 10  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 64  | 109 | 28  |
| 221  | 50 | 74 | 505 | 840569 | 5.0  | 252  | 2.0  | 0.1 | 9  | 20  | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 63  | 155 | 40  |
| 222  | 50 | 74 | 505 | 840571 | 7.0  | 272  | 2.0  | 0.1 | 12 | 5   | 5  |    | 2  |    | 2 |   | 2  | 1  | 2  | 68  | 221 | 41  |
| 223  | 50 | 74 | 505 | 840572 | 4.0  | 301  | 2.6  | 0.1 | 7  | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 63  | 284 | 35  |
| 224  | 50 | 74 | 505 | 840573 | 2.0  | 201  | 2.9  | 0.1 | 5  | 20  | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 75  | 199 | 35  |
| 225  | 50 | 74 | 505 | 840574 | 5.0  | 481  | 2.5  | 0.1 | 9  | 10  | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 62  | 379 | 126 |
| 226  | 50 | 74 | 505 | 840575 | 4.0  | 187  | 2.1  | 0.2 | 6  | 10  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 49  | 207 | 40  |
| 227  | 50 | 74 | 505 | 840577 | 6.0  | 399  | 2.8  | 0.1 | 10 | 10  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 69  | 259 | 52  |
| 228  | 50 | 74 | 505 | 840578 | 44.0 | 462  | 3.1  | 0.1 | 9  | 10  | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 73  | 405 | 78  |
| 229  | 50 | 74 | 505 | 840579 | 6.0  | 314  | 3.0  | 0.1 | 8  | 10  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 76  | 295 | 35  |
| 230  | 50 | 74 | 505 | 840580 | 5.0  | 298  | 2.6  | 0.1 | 8  | 20  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 62  | 195 | 36  |
| 231  | 50 | 74 | 505 | 840581 | 6.0  | 191  | 2.5  | 0.1 | 5  | 20  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 67  | 119 | 34  |
| 232  | 50 | 74 | 505 | 840583 | 2.0  | 200  | 2.9  | 0.2 | 7  | 30  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 69  | 52  | 18  |
| 233  | 50 | 74 | 505 | 840584 | 4.0  | 162  | 3.5  | 0.3 | 5  | 10  | 5  |    | 2  |    | 2 |   | 2  | 1  | 2  | 83  | 42  | 15  |
| 234  | 50 | 74 | 505 | 840586 | 2.0  | 195  | 2.6  | 0.2 | 6  | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 55  | 58  | 18  |
| 235  | 50 | 74 | 505 | 840587 | 3.0  | 256  | 4.6  | 0.2 | 10 | 40  | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 99  | 45  | 17  |
| 236  | 50 | 74 | 505 | 840588 | 5.0  | 1001 | 2.9  | 0.2 | 12 | 5   | 21 |    | 2  |    | 2 |   | 2  | 1  | 2  | 78  | 99  | 31  |
| 237  | 50 | 74 | 505 | 840589 | 2.0  | 817  | 3.4  | 0.3 | 16 | 20  | 27 |    | 2  |    | 2 |   | 2  | 1  | 2  | 80  | 170 | 42  |
| 238  | 50 | 74 | 505 | 840591 | 2.0  | 258  | 3.0  | 0.3 | 6  | 20  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 79  | 67  | 22  |
| 239  | 50 | 74 | 505 | 840592 | 3.0  | 238  | 3.2  | 0.1 | 6  | 5   | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 90  | 58  | 21  |
| 240  | 50 | 74 | 505 | 840593 | 3.0  | 263  | 3.7  | 0.1 | 8  | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 95  | 52  | 20  |
| 241  | 50 | 74 | 505 | 840594 | 2.0  | 1536 | 25.9 | 0.1 | 48 | 90  | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 816 | 300 | 108 |
| 242  | 50 | 74 | 505 | 840595 | 3.0  | 307  | 5.4  | 0.3 | 5  | 10  | 4  |    | 5  |    | 2 |   | 2  | 1  | 2  | 134 | 46  | 12  |
| 243  | 50 | 74 | 505 | 840596 | 2.0  | 193  | 2.7  | 0.1 | 6  | 20  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 65  | 62  | 19  |
| 244  | 50 | 74 | 505 | 840597 | 3.0  | 259  | 4.0  | 0.3 | 8  | 5   | 2  |    | 4  |    | 2 |   | 2  | 1  | 2  | 109 | 74  | 27  |
| 245  | 50 | 74 | 505 | 840599 | 2.0  | 270  | 3.6  | 0.3 | 8  | 20  | 5  |    | 2  |    | 2 |   | 2  | 1  | 2  | 81  | 75  | 20  |
| 246  | 50 | 74 | 505 | 840600 | 5.0  | 203  | 4.1  | 0.2 | 6  | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 128 | 66  | 23  |
| 247  | 50 | 74 | 505 | 840601 | 3.0  | 420  | 3.2  | 1.0 | 11 | 20  | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 63  | 208 | 32  |
| 248  | 50 | 74 | 505 | 840602 | 5.0  | 216  | 2.8  | 0.2 | 5  | 20  | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 86  | 31  | 17  |
| 249  | 50 | 74 | 505 | 840603 | 4.0  | 236  | 3.0  | 0.1 | 6  | 10  | 2  |    | 3  |    | 2 |   | 2  | 1  | 2  | 93  | 69  | 24  |
| 250  | 50 | 74 | 505 | 840604 | 2.0  | 301  | 2.0  | 0.1 | 4  | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 74  | 30  | 13  |
| 251  | 50 | 74 | 505 | 840605 | 2.0  | 225  | 3.2  | 0.4 | 5  | 10  | 2  |    | 3  |    | 2 |   | 2  | 1  | 2  | 69  | 48  | 14  |
| 252  | 50 | 74 | 505 | 840606 | 2.0  | 215  | 3.7  | 0.1 | 6  | 10  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 108 | 45  | 18  |
| 253  | 50 | 74 | 505 | 840607 | 3.0  | 195  | 2.6  | 0.1 | 6  | 20  | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 63  | 50  | 19  |
| 254  | 50 | 74 | 505 | 840608 | 2.0  | 202  | 3.2  | 0.3 | 5  | 20  | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 69  | 53  | 14  |
| 255  | 50 | 74 | 505 | 840609 | 2.0  | 139  | 2.0  | 0.1 | 3  | 10  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 63  | 33  | 16  |
| 256  | 50 | 74 | 505 | 840610 | 2.0  | 200  | 2.8  | 0.1 | 9  | 20  | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 51  | 66  | 21  |
| 257  | 50 | 74 | 505 | 841056 | 2.0  | 226  | 3.3  | 0.3 | 7  | 10  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 52  | 87  | 16  |
| 258  | 50 | 74 | 505 | 841057 | 3.0  | 483  | 3.9  | 0.3 | 13 | 0   | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 65  | 58  | 17  |
| 259  | 50 | 74 | 505 | 841058 | 2.0  | 354  | 6.0  | 0.1 | 18 | 120 | 4  |    | 4  |    | 2 |   | 2  | 1  | 2  | 19  | 35  | 17  |
| 260  | 50 | 74 | 505 | 841059 | 45.0 | 600  | 16.9 | 0.1 | 3  | 3   | 3  |    | 3  |    | 3 |   | 3  | 15 | 3  | 195 | 165 | 60  |
| 261  | 50 | 74 | 505 | 841060 | 4.0  | 218  | 2.1  | 0.2 | 6  | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 58  | 62  | 26  |
| 262  | 50 | 74 | 505 | 841061 | 2.0  | 196  | 2.7  | 0.1 | 5  | 1   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 74  | 41  | 22  |
| 263  | 50 | 74 | 505 | 841062 | 2.0  | 322  | 3.7  | 0.1 | 1  | 60  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 90  | 62  | 26  |
| 264  | 50 | 74 | 505 | 841063 | 2.0  | 166  | 3.4  | 0.4 | 5  | 0   | 2  |    | 4  |    | 2 |   | 2  | 1  | 2  | 14  | 32  | 18  |
| 265  | 50 | 74 | 505 | 841064 | 2.0  | 314  | 2.1  | 0.2 | 5  | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 55  | 45  | 23  |
| 266  | 50 | 74 | 505 | 841065 | 2.0  | 313  | 3.8  | 0.1 | 1  | 1   | 3  |    | 3  |    | 2 |   | 2  | 1  | 2  | 11  | 59  | 21  |
| 267  | 50 | 74 | 505 | 841067 | 3.0  | 36   | 2.8  | 0.4 | 9  | 530 | 5  |    | 2  |    | 2 |   | 2  | 1  | 2  | 74  | 53  | 2   |
| 268  | 50 | 74 | 505 | 841068 | 2.0  | 285  | 3.5  | 0.5 | 9  | 1   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 65  | 44  | 21  |
| 269  | 60 | 74 | 505 | 841069 | 2.0  | 654  | 5.4  | 0.2 | 47 | 3   | 5  |    | 4  |    | 2 |   | 2  | 1  | 2  | 53  | 18  | 118 |
| 270  | 50 | 74 | 505 | 841071 | 5.0  | 782  | 2.1  | 0.1 | 18 | 40  | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 43  | 73  | 17  |

| RECD | TY | YE | PRJ | ID     | U   | Mn   | Fe%  | Ag  | Co  | Au  | As | Hg | Sb | Sn | W | F | Th | Cd | B1 | V   | Ba  | Sr  |
|------|----|----|-----|--------|-----|------|------|-----|-----|-----|----|----|----|----|---|---|----|----|----|-----|-----|-----|
| 271  | 50 | 74 | 505 | 841072 | 3.0 | 2430 | 1.8  | 0.1 | 45  | 3   | 3  |    | 3  |    | 3 |   | 3  | 15 | 3  | 240 | 270 | 90  |
| 272  | 50 | 74 | 505 | 841073 | 3.0 | 195  | 8.8  | 0.1 | 3   | 5   | 3  |    | 3  |    | 3 |   | 3  | 15 | 3  | 240 | 195 | 90  |
| 273  | 50 | 74 | 505 | 841075 | 2.0 | 395  | 3.2  | 0.1 | 1   | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 83  | 73  | 29  |
| 274  | 50 | 74 | 505 | 841076 | 2.0 | 295  | 2.9  | 0.2 | 8   | 2   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 85  | 49  | 22  |
| 275  | 50 | 74 | 505 | 841077 | 3.0 | 720  | 7.8  | 0.1 | 15  | 0   | 3  |    | 3  |    | 3 |   | 3  | 15 | 3  | 225 | 150 | 75  |
| 276  | 50 | 74 | 505 | 841078 | 2.0 | 5004 | 28.3 | 0.2 | 240 | 180 | 36 |    | 2  |    | 2 |   | 2  | 1  | 2  | 480 | 528 | 180 |
| 277  | 50 | 74 | 505 | 841080 | 4.0 | 320  | 3.3  | 0.5 | 19  | 1   | 5  |    | 3  |    | 2 |   | 2  | 1  | 2  | 84  | 64  | 22  |
| 278  | 50 | 74 | 505 | 841081 | 4.0 | 686  | 5.0  | 0.1 | 2   | 270 | 6  |    | 3  |    | 2 |   | 2  | 1  | 2  | 77  | 48  | 19  |
| 279  | 50 | 74 | 505 | 841082 | 3.0 | 485  | 2.3  | 0.1 | 17  | 2   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 38  | 33  | 14  |
| 280  | 50 | 74 | 505 | 841083 | 2.0 | 259  | 2.1  | 0.1 | 6   | 3   | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 37  | 2   | 1   |
| 281  | 50 | 74 | 505 | 841084 | 2.0 | 350  | 4.4  | 0.1 | 1   | 0   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 90  | 40  | 2   |
| 282  | 50 | 74 | 505 | 841085 | 2.0 | 653  | 6.2  | 0.1 | 16  |     | 9  |    | 4  |    | 2 |   | 2  | 1  | 2  | 75  | 41  | 17  |
| 283  | 50 | 74 | 505 | 841086 | 2.0 | 405  | 6.4  | 0.1 | 10  | 10  | 11 |    | 2  |    | 2 |   | 2  | 1  | 2  | 84  | 40  | 16  |
| 284  | 50 | 74 | 505 | 841087 | 4.0 | 335  | 3.7  | 0.1 | 10  | 5   | 11 |    | 2  |    | 2 |   | 2  | 1  | 2  | 72  | 61  | 30  |
| 285  | 50 | 74 | 505 | 841088 | 4.0 | 279  | 3.6  | 0.2 | 9   | 10  | 7  |    | 2  |    | 2 |   | 2  | 1  | 2  | 72  | 61  | 32  |
| 286  | 50 | 74 | 505 | 841089 | 3.0 | 542  | 5.4  | 0.1 | 13  | 320 | 5  |    | 4  |    | 2 |   | 2  | 1  | 2  | 68  | 34  | 17  |
| 287  | 50 | 74 | 505 | 841090 | 3.0 | 451  | 5.2  | 0.1 | 9   | 20  | 7  |    | 5  |    | 2 |   | 2  | 1  | 2  | 89  | 34  | 17  |
| 288  | 50 | 74 | 505 | 841092 | 2.0 | 346  | 3.2  | 0.3 | 6   | 20  | 5  |    | 3  |    | 2 |   | 2  | 1  | 2  | 82  | 35  | 21  |
| 289  | 50 | 74 | 505 | 841093 | 3.0 | 477  | 5.9  | 0.1 | 14  | 60  | 3  |    | 3  |    | 2 |   | 2  | 1  | 2  | 80  | 51  | 20  |
| 290  | 50 | 74 | 505 | 841094 | 2.0 | 595  | 5.4  | 0.1 | 20  | 30  | 10 |    | 3  |    | 2 |   | 2  | 1  | 2  | 66  | 39  | 21  |
| 291  | 50 | 74 | 505 | 841095 | 5.0 | 594  | 4.4  | 0.3 | 21  | 10  | 2  |    | 2  |    | 2 |   | 2  | 2  | 2  | 61  | 61  | 276 |
| 292  | 50 | 74 | 505 | 841096 | 4.0 | 457  | 5.1  | 0.1 | 10  | 20  | 3  |    | 5  |    | 2 |   | 2  | 1  | 2  | 94  | 36  | 23  |
| 293  | 50 | 74 | 505 | 841097 | 2.0 | 219  | 4.1  | 0.4 | 7   | 20  | 2  |    | 4  |    | 2 |   | 2  | 1  | 2  | 120 | 56  | 27  |
| 294  | 50 | 74 | 505 | 841098 | 4.0 | 501  | 5.2  | 0.1 | 13  | 20  | 10 |    | 7  |    | 2 |   | 2  | 1  | 2  | 71  | 47  | 19  |
| 295  | 50 | 74 | 505 | 841099 | 3.0 | 381  | 5.5  | 0.3 | 8   | 30  | 5  |    | 6  |    | 2 |   | 2  | 1  | 2  | 76  | 37  | 14  |
| 296  | 50 | 74 | 505 | 841100 | 2.0 | 487  | 5.0  | 0.2 | 19  | 30  | 7  |    | 4  |    | 2 |   | 2  | 2  | 2  | 73  | 45  | 18  |
| 297  | 50 | 74 | 505 | 841101 | 2.0 | 517  | 5.1  | 0.1 | 22  | 40  | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 77  | 65  | 17  |
| 298  | 50 | 74 | 505 | 841103 | 2.0 | 350  | 5.1  | 0.1 | 6   | 20  | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 83  | 35  | 12  |
| 299  | 50 | 74 | 505 | 841104 | 3.0 | 260  | 16.3 | 0.3 | 3   | 170 | 3  |    | 3  |    | 3 |   | 3  | 2  | 3  | 225 | 195 | 60  |
| 300  | 50 | 74 | 505 | 841105 | 4.0 | 614  | 5.2  | 0.1 | 19  | 50  | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 62  | 41  | 13  |
| 301  | 50 | 74 | 505 | 841106 | 2.0 | 831  | 4.8  | 0.2 | 29  | 60  | 4  |    | 4  |    | 2 |   | 2  | 1  | 2  | 67  | 48  | 16  |
| 302  | 50 | 74 | 505 | 841107 | 2.0 | 170  | 2.5  | 0.1 | 4   | 30  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 72  | 40  | 22  |
| 303  | 50 | 74 | 505 | 841108 | 2.0 | 709  | 5.0  | 0.2 | 28  | 40  | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 70  | 59  | 18  |
| 304  | 50 | 74 | 505 | 841109 | 2.0 | 217  | 3.9  | 0.3 | 6   | 10  | 5  |    | 2  |    | 2 |   | 2  | 1  | 2  | 102 | 52  | 27  |
| 305  | 50 | 74 | 505 | 841110 | 2.0 | 757  | 4.4  | 0.2 | 31  | 140 | 5  |    | 2  |    | 2 |   | 2  | 1  | 2  | 62  | 56  | 19  |
| 306  | 50 | 74 | 505 | 841111 | 3.0 | 229  | 3.3  | 0.1 | 6   | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 81  | 68  | 25  |
| 307  | 50 | 74 | 505 | 841112 | 2.0 | 887  | 5.0  | 0.2 | 37  | 100 | 4  |    | 2  |    | 2 |   | 2  | 2  | 2  | 64  | 76  | 20  |
| 308  | 60 | 74 | 505 | 851034 | 2.0 | 985  | 4.3  | 0.2 | 25  | 20  | 7  |    | 2  |    | 2 |   | 2  | 1  | 2  | 69  | 116 | 41  |
| 309  | 50 | 74 | 505 | 851036 | 2.0 | 484  | 3.2  | 0.1 | 14  | 20  | 6  |    | 2  |    | 2 |   | 2  | 1  | 2  | 77  | 93  | 26  |
| 310  | 60 | 74 | 505 | 851037 | 2.0 | 957  | 5.1  | 0.2 | 27  | 120 | 33 |    | 2  |    | 2 |   | 2  | 1  | 2  | 91  | 86  | 29  |
| 311  | 60 | 74 | 505 | 851038 | 3.0 | 831  | 4.2  | 0.1 | 20  | 20  | 6  |    | 2  |    | 2 |   | 2  | 1  | 2  | 87  | 103 | 25  |
| 312  | 60 | 74 | 505 | 851040 | 3.0 | 876  | 3.6  | 0.1 | 21  | 10  | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 88  | 101 | 22  |
| 313  | 50 | 74 | 505 | 851041 | 4.0 | 323  | 3.5  | 0.2 | 8   | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 93  | 58  | 19  |
| 314  | 50 | 74 | 505 | 851042 | 4.0 | 455  | 4.0  | 0.1 | 11  | 5   | 4  |    | 3  |    | 2 |   | 2  | 1  | 2  | 92  | 49  | 18  |
| 315  | 50 | 74 | 505 | 851043 | 4.0 | 611  | 3.4  | 0.1 | 16  | 5   | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 84  | 84  | 25  |
| 316  | 50 | 74 | 505 | 851044 | 7.0 | 704  | 4.1  | 0.1 | 16  | 0   | 5  |    | 2  |    | 2 |   | 2  | 1  | 2  | 81  | 117 | 28  |
| 317  | 50 | 74 | 505 | 851045 | 3.0 | 725  | 3.2  | 0.2 | 48  | 10  | 5  |    | 4  |    | 2 |   | 2  | 2  | 2  | 82  | 214 | 41  |
| 318  | 50 | 74 | 505 | 851046 | 2.0 | 409  | 5.2  | 0.2 | 14  | 10  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 79  | 73  | 19  |
| 319  | 50 | 74 | 505 | 851050 | 2.0 | 331  | 4.5  | 0.3 | 10  | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 110 | 70  | 25  |
| 320  | 50 | 74 | 505 | 851051 | 2.0 | 1142 | 4.8  | 0.3 | 35  | 20  | 2  |    | 5  |    | 2 |   | 2  | 2  | 2  | 73  | 132 | 25  |
| 321  | 50 | 74 | 505 | 851052 | 3.0 | 394  | 4.6  | 0.1 | 11  | 20  | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 122 | 83  | 26  |
| 322  | 50 | 74 | 505 | 851053 | 2.0 | 370  | 4.5  | 0.3 | 9   | 20  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 111 | 65  | 24  |
| 323  | 60 | 74 | 505 | 851054 | 4.0 | 480  | 3.8  | 0.1 | 13  | 10  | 7  |    | 2  |    | 2 |   | 2  | 1  | 2  | 91  | 157 | 30  |
| 324  | 60 | 74 | 505 | 851056 | 4.0 | 656  | 3.9  | 0.1 | 19  | 5   | 7  |    | 2  |    | 2 |   | 2  | 1  | 2  | 82  | 110 | 30  |

| RECD | TY | YE | PRJ | ID     | U    | Mn   | Fe%  | Ag  | Co  | Au  | As | Hg | Sb | Sn | W | F | Th | Cd | Bi | V   | Ba   | Sr  |
|------|----|----|-----|--------|------|------|------|-----|-----|-----|----|----|----|----|---|---|----|----|----|-----|------|-----|
| 325  | 60 | 74 | 505 | 851057 | 3.0  | 531  | 3.3  | 0.1 | 17  | 5   | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 80  | 99   | 23  |
| 326  | 60 | 74 | 505 | 851058 | 4.0  | 599  | 3.3  | 0.1 | 15  | 20  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 74  | 74   | 23  |
| 327  | 60 | 74 | 505 | 851059 | 2.0  | 409  | 3.3  | 0.1 | 11  | 5   | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 76  | 81   | 23  |
| 328  | 60 | 74 | 505 | 851060 | 2.0  | 936  | 5.1  | 0.2 | 17  | 0   | 5  |    | 2  |    | 2 |   | 2  | 1  | 2  | 81  | 74   | 15  |
| 329  | 60 | 74 | 505 | 851061 | 60.0 | 2010 | 13.2 | 0.2 | 3   | 0   | 3  |    | 3  |    | 3 |   | 3  | 2  | 3  | 315 | 180  | 60  |
| 330  | 60 | 74 | 505 | 851062 | 3.0  | 611  | 3.9  | 0.1 | 16  | 0   | 5  |    | 2  |    | 2 |   | 2  | 1  | 2  | 91  | 116  | 23  |
| 331  | 50 | 74 | 505 | 851065 | 2.0  | 520  | 3.6  | 0.3 | 24  | 20  | 6  |    | 5  |    | 2 |   | 2  | 4  | 2  | 65  | 111  | 33  |
| 332  | 60 | 74 | 505 | 851066 | 2.0  | 416  | 3.3  | 0.1 | 19  | 10  | 4  |    | 2  |    | 2 |   | 2  | 2  | 2  | 74  | 64   | 28  |
| 333  | 60 | 74 | 505 | 851067 | 4.0  | 476  | 3.8  | 0.6 | 8   | 20  | 4  |    | 4  |    | 4 |   | 4  | 2  | 4  | 114 | 62   | 22  |
| 334  | 60 | 74 | 505 | 851068 | 2.0  | 384  | 3.3  | 0.2 | 9   | 5   | 8  |    | 2  |    | 2 |   | 2  | 2  | 2  | 99  | 54   | 22  |
| 335  | 60 | 74 | 505 | 851069 | 2.0  | 410  | 4.8  | 0.1 | 2   | 0   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 115 | 75   | 35  |
| 336  | 60 | 74 | 505 | 851070 | 2.0  | 302  | 3.4  | 0.2 | 14  | 10  | 6  |    | 2  |    | 2 |   | 2  | 2  | 2  | 70  | 51   | 25  |
| 337  | 60 | 74 | 505 | 851071 | 2.0  | 315  | 3.9  | 0.2 | 10  | 20  | 7  |    | 2  |    | 2 |   | 2  | 2  | 2  | 90  | 47   | 20  |
| 338  | 60 | 74 | 505 | 851072 | 2.0  | 638  | 3.6  | 0.1 | 23  | 30  | 6  |    | 2  |    | 2 |   | 2  | 2  | 2  | 75  | 56   | 21  |
| 339  | 60 | 74 | 505 | 851073 | 4.0  | 348  | 4.4  | 0.2 | 8   | 20  | 10 |    | 4  |    | 4 |   | 4  | 2  | 4  | 80  | 120  | 38  |
| 340  | 60 | 74 | 505 | 851074 | 2.0  | 551  | 3.7  | 0.1 | 18  | 0   | 10 |    | 2  |    | 2 |   | 2  | 2  | 2  | 60  | 81   | 53  |
| 341  | 60 | 74 | 505 | 851075 | 4.0  | 354  | 4.5  | 0.2 | 10  | 10  | 8  |    | 4  |    | 4 |   | 4  | 2  | 4  | 84  | 102  | 34  |
| 342  | 60 | 74 | 505 | 851076 | 2.0  | 836  | 4.2  | 0.2 | 23  | 0   | 9  |    | 3  |    | 2 |   | 2  | 3  | 2  | 111 | 79   | 25  |
| 343  | 60 | 74 | 505 | 851077 | 2.0  | 1374 | 6.0  | 0.7 | 62  | 80  | 9  |    | 5  |    | 2 |   | 2  | 3  | 2  | 67  | 132  | 58  |
| 344  | 60 | 74 | 505 | 851078 | 2.0  | 913  | 4.9  | 0.2 | 48  | 5   | 10 |    | 5  |    | 2 |   | 2  | 3  | 2  | 57  | 84   | 35  |
| 345  | 60 | 74 | 505 | 851079 | 4.0  | 442  | 3.3  | 0.2 | 10  | 20  | 4  |    | 4  |    | 4 |   | 4  | 2  | 4  | 70  | 74   | 26  |
| 346  | 60 | 74 | 505 | 851080 | 2.0  | 414  | 3.3  | 0.1 | 12  | 10  | 3  |    | 3  |    | 2 |   | 2  | 2  | 2  | 70  | 36   | 24  |
| 347  | 60 | 74 | 505 | 851081 | 2.0  | 385  | 3.8  | 0.1 | 9   | 30  | 7  |    | 3  |    | 2 |   | 2  | 2  | 2  | 76  | 40   | 19  |
| 348  | 60 | 74 | 505 | 851082 | 2.0  | 339  | 3.7  | 0.1 | 7   | 50  | 8  |    | 3  |    | 2 |   | 2  | 2  | 2  | 70  | 59   | 18  |
| 349  | 60 | 74 | 505 | 851083 | 2.0  | 444  | 3.7  | 0.1 | 13  | 10  | 3  |    | 2  |    | 2 |   | 2  | 2  | 2  | 88  | 73   | 15  |
| 350  | 60 | 74 | 505 | 851084 | 2.0  | 257  | 2.7  | 0.2 | 6   | 20  | 4  |    | 3  |    | 2 |   | 2  | 1  | 2  | 64  | 38   | 16  |
| 351  | 60 | 74 | 505 | 851085 | 2.0  | 575  | 3.8  | 0.1 | 17  | 40  | 9  |    | 3  |    | 2 |   | 2  | 2  | 2  | 61  | 63   | 23  |
| 352  | 50 | 74 | 505 | 851086 | 2.0  | 362  | 7.7  | 0.2 | 1   | 0   | 2  |    | 1  |    | 2 |   | 2  | 2  | 2  | 96  | 92   | 14  |
| 353  | 50 | 74 | 505 | 851087 | 2.0  | 190  | 4.3  | 1.3 | 6   | 130 | 5  |    | 3  |    | 2 |   | 2  | 2  | 2  | 54  | 88   | 12  |
| 354  | 50 | 74 | 505 | 851088 | 2.0  | 384  | 2.7  | 0.4 | 18  | 90  | 5  |    | 4  |    | 2 |   | 2  | 2  | 2  | 60  | 75   | 20  |
| 355  | 50 | 74 | 505 | 851089 | 2.0  | 434  | 3.0  | 0.1 | 19  | 10  | 9  |    | 2  |    | 2 |   | 2  | 2  | 2  | 83  | 150  | 23  |
| 356  | 50 | 74 | 505 | 851090 | 2.0  | 337  | 3.3  | 0.2 | 16  | 10  | 5  |    | 2  |    | 2 |   | 2  | 2  | 2  | 100 | 74   | 24  |
| 357  | 50 | 74 | 505 | 851091 | 2.0  | 1444 | 9.6  | 0.1 | 74  | 120 | 22 |    | 13 |    | 2 |   | 2  | 5  | 2  | 82  | 124  | 15  |
| 358  | 60 | 74 | 505 | 851092 | 2.0  | 1220 | 5.8  | 0.1 | 40  | 2   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 150 | 70   | 40  |
| 359  | 60 | 74 | 505 | 851093 | 2.0  | 978  | 3.9  | 0.1 | 19  | 20  | 13 |    | 2  |    | 2 |   | 2  | 2  | 2  | 88  | 115  | 89  |
| 360  | 60 | 74 | 505 | 851094 | 2.0  | 1100 | 4.5  | 0.1 | 22  | 20  | 15 |    | 3  |    | 2 |   | 2  | 3  | 3  | 104 | 108  | 40  |
| 361  | 60 | 74 | 505 | 851095 | 2.0  | 477  | 3.4  | 0.1 | 9   | 0   | 10 |    | 3  |    | 2 |   | 2  | 2  | 2  | 90  | 50   | 21  |
| 362  | 60 | 74 | 505 | 851096 | 2.0  | 889  | 3.8  | 0.1 | 13  | 5   | 12 |    | 3  |    | 2 |   | 2  | 2  | 3  | 90  | 97   | 23  |
| 363  | 60 | 74 | 505 | 851097 | 2.0  | 699  | 4.0  | 0.1 | 13  | 10  | 7  |    | 2  |    | 2 |   | 2  | 3  | 2  | 119 | 65   | 25  |
| 364  | 50 | 74 | 505 | 851098 | 3.0  | 484  | 3.2  | 0.1 | 22  | 20  | 9  |    | 3  |    | 2 |   | 2  | 2  | 3  | 102 | 139  | 32  |
| 365  | 60 | 74 | 505 | 851099 | 2.0  | 653  | 3.5  | 0.1 | 25  | 30  | 7  |    | 2  |    | 2 |   | 2  | 2  | 2  | 118 | 368  | 33  |
| 366  | 50 | 74 | 505 | 851100 | 2.0  | 601  | 3.2  | 0.1 | 21  | 20  | 5  |    | 2  |    | 2 |   | 2  | 2  | 2  | 98  | 184  | 26  |
| 367  | 50 | 74 | 505 | 851101 | 6.0  | 354  | 3.1  | 0.1 | 13  | 20  | 5  |    | 2  |    | 2 |   | 2  | 1  | 2  | 83  | 118  | 31  |
| 368  | 50 | 74 | 505 | 851102 | 10.0 | 405  | 3.0  | 0.1 | 17  | 5   | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 89  | 229  | 36  |
| 369  | 50 | 74 | 505 | 851103 | 2.0  | 3192 | 19.0 | 0.2 | 144 | 5   | 3  |    | 2  |    | 2 |   | 2  | 1  | 2  | 540 | 1344 | 192 |
| 370  | 50 | 74 | 505 | 851104 | 6.0  | 348  | 3.2  | 0.2 | 22  | 10  | 8  |    | 2  |    | 2 |   | 2  | 1  | 2  | 99  | 337  | 51  |
| 371  | 50 | 74 | 505 | 851105 | 7.0  | 564  | 3.2  | 0.1 | 21  | 20  | 5  |    | 2  |    | 2 |   | 2  | 1  | 2  | 92  | 347  | 51  |
| 372  | 50 | 74 | 505 | 851106 | 2.0  | 2812 | 2.7  | 0.3 | 96  | 30  | 12 |    | 6  |    | 2 |   | 2  | 2  | 2  | 58  | 158  | 25  |
| 373  | 50 | 74 | 505 | 851107 | 4.0  | 1493 | 3.0  | 0.4 | 66  | 10  | 10 |    | 4  |    | 2 |   | 2  | 2  | 2  | 68  | 171  | 49  |
| 374  | 50 | 74 | 505 | 851108 | 6.0  | 1672 | 3.6  | 0.5 | 87  | 10  | 3  |    | 9  |    | 2 |   | 2  | 3  | 2  | 68  | 98   | 33  |
| 375  | 50 | 74 | 505 | 851109 | 2.0  | 1640 | 3.8  | 0.4 | 87  | 10  | 6  |    | 9  |    | 2 |   | 2  | 2  | 2  | 68  | 87   | 29  |
| 376  | 50 | 74 | 505 | 851110 | 2.0  | 2012 | 3.6  | 0.3 | 94  | 10  | 7  |    | 9  |    | 2 |   | 2  | 2  | 2  | 68  | 96   | 28  |
| 377  | 50 | 74 | 505 | 851111 | 5.0  | 1473 | 4.9  | 0.1 | 60  | 10  | 4  |    | 2  |    | 2 |   | 2  | 1  | 2  | 65  | 76   | 24  |
| 378  | 50 | 74 | 505 | 851112 | 6.0  | 245  | 3.3  | 0.7 | 8   | 5   | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 108 | 56   | 24  |

| RECD | TY | YE | PRJ | ID     | U   | Mn   | Fe% | Ag  | Co | Au | As | Hg | Sb | Sn | W | F | Th | Cd | Bi | V   | Ba  | Sr |
|------|----|----|-----|--------|-----|------|-----|-----|----|----|----|----|----|----|---|---|----|----|----|-----|-----|----|
| 379  | 50 | 74 | 505 | 851113 | 3.0 | 1200 | 4.0 | 0.1 | 60 | 0  | 2  |    | 2  |    | 2 |   | 2  | 1  | 2  | 110 | 220 | 40 |

\* ALL VALUES ARE IN PPM UNLESS INDICATED TO BE IN PERCENT, EXCEPT FOR HG AND AU, WHICH ARE IN PPB.

## LISTING OF BIRD

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| RECD | TY | YE | PRJ | ID     | SiO2% | Al%  | Ca%  | Mg%  | Na%  | K%   | Fe% | Mn   | Ti%  | P%   | La | In | B  | Cr  | Nb | Zr | Ce | ICPAu |
|------|----|----|-----|--------|-------|------|------|------|------|------|-----|------|------|------|----|----|----|-----|----|----|----|-------|
| 1    | 61 | 74 | 505 | 800534 | 0.03  | 2.73 | 0.47 | 1.29 | 0.02 | 0.08 | 3.6 | 635  | 0.15 | 0.10 | 8  |    | 10 | 59  | 42 | 4  | 9  | 2     |
| 2    | 50 | 74 | 505 | 800536 | 0.02  | 2.46 | 1.13 | 2.66 | 0.03 | 0.16 | 3.4 | 530  | 0.13 | 0.21 | 6  |    | 10 | 350 | 43 | 3  | 8  | 2     |
| 3    | 61 | 74 | 505 | 800537 | 0.05  | 1.49 | 0.60 | 0.91 | 0.02 | 0.05 | 2.5 | 441  | 0.09 | 0.10 | 9  |    | 8  | 68  | 29 | 4  | 12 | 2     |
| 4    | 61 | 74 | 505 | 800538 | 0.07  | 2.42 | 0.38 | 0.92 | 0.02 | 0.05 | 3.7 | 389  | 0.14 | 0.08 | 7  |    | 11 | 46  | 40 | 6  | 8  | 2     |
| 5    | 50 | 74 | 505 | 800733 | 0.02  | 2.08 | 0.71 | 0.89 | 0.02 | 0.03 | 2.4 | 289  | 0.13 | 0.04 | 8  |    | 8  | 41  | 33 | 5  | 11 | 2     |
| 6    | 50 | 74 | 505 | 800736 | 0.01  | 2.66 | 1.02 | 1.21 | 0.03 | 0.04 | 3.0 | 519  | 0.08 | 0.09 | 9  |    | 8  | 54  | 33 | 3  | 11 | 2     |
| 7    | 50 | 74 | 505 | 800741 | 0.01  | 2.07 | 1.04 | 0.89 | 0.02 | 0.04 | 2.5 | 349  | 0.07 | 0.09 | 9  |    | 7  | 36  | 27 | 3  | 9  | 2     |
| 8    | 50 | 74 | 505 | 800742 | 0.01  | 3.27 | 1.44 | 1.17 | 0.03 | 0.11 | 3.4 | 521  | 0.08 | 0.10 | 12 |    | 10 | 57  | 35 | 3  | 17 | 2     |
| 9    | 50 | 74 | 505 | 800744 | 0.01  | 2.57 | 0.75 | 1.10 | 0.02 | 0.05 | 2.9 | 476  | 0.08 | 0.07 | 10 |    | 8  | 51  | 30 | 4  | 13 | 2     |
| 10   | 50 | 74 | 505 | 800747 | 0.02  | 2.59 | 0.92 | 1.67 | 0.04 | 0.10 | 3.1 | 497  | 0.18 | 0.09 | 10 |    | 9  | 69  | 41 | 11 | 14 | 2     |
| 11   | 50 | 74 | 505 | 800749 | 0.01  | 2.06 | 1.29 | 0.81 | 0.02 | 0.03 | 2.6 | 548  | 0.06 | 0.10 | 9  |    | 9  | 45  | 28 | 2  | 11 | 2     |
| 12   | 50 | 74 | 505 | 800751 | 0.01  | 1.71 | 0.71 | 0.94 | 0.02 | 0.03 | 1.9 | 283  | 0.10 | 0.09 | 7  |    | 6  | 42  | 26 | 4  | 10 | 2     |
| 13   | 50 | 74 | 505 | 800754 | 0.07  | 1.77 | 0.41 | 0.51 | 0.02 | 0.01 | 2.2 | 183  | 0.10 | 0.07 | 6  |    | 6  | 38  | 26 | 4  | 8  | 2     |
| 14   | 50 | 74 | 505 | 800755 | 0.01  | 1.46 | 0.31 | 0.41 | 0.01 | 0.01 | 2.3 | 173  | 0.12 | 0.05 | 6  |    | 7  | 46  | 29 | 2  | 8  | 2     |
| 15   | 50 | 74 | 505 | 800756 | 0.01  | 3.27 | 0.15 | 0.46 | 0.01 | 0.01 | 4.3 | 278  | 0.11 | 0.07 | 8  |    | 13 | 45  | 40 | 5  | 8  | 2     |
| 16   | 50 | 74 | 505 | 800757 | 0.01  | 2.67 | 0.48 | 1.50 | 0.01 | 0.03 | 3.9 | 720  | 0.07 | 0.08 | 8  |    | 10 | 95  | 35 | 2  | 8  | 2     |
| 17   | 50 | 74 | 505 | 800762 | 0.01  | 2.33 | 0.68 | 1.61 | 0.02 | 0.03 | 3.7 | 718  | 0.08 | 0.12 | 7  |    | 10 | 103 | 37 | 3  | 8  | 2     |
| 18   | 50 | 74 | 505 | 800763 | 0.02  | 2.19 | 0.64 | 1.10 | 0.01 | 0.03 | 3.0 | 464  | 0.10 | 0.07 | 8  |    | 8  | 89  | 35 | 3  | 10 | 2     |
| 19   | 50 | 74 | 505 | 800766 | 0.02  | 1.99 | 0.28 | 0.58 | 0.01 | 0.03 | 2.8 | 405  | 0.09 | 0.08 | 7  |    | 8  | 45  | 29 | 2  | 9  | 2     |
| 20   | 50 | 74 | 505 | 800767 | 0.03  | 2.48 | 0.25 | 0.77 | 0.02 | 0.03 | 2.9 | 396  | 0.15 | 0.05 | 7  |    | 8  | 47  | 36 | 6  | 10 | 2     |
| 21   | 50 | 74 | 505 | 800768 | 0.05  | 2.63 | 0.40 | 0.74 | 0.02 | 0.03 | 2.8 | 270  | 0.11 | 0.08 | 8  |    | 7  | 43  | 29 | 4  | 10 | 2     |
| 22   | 50 | 74 | 505 | 800770 | 0.01  | 1.92 | 0.80 | 1.01 | 0.02 | 0.07 | 3.3 | 1123 | 0.10 | 0.06 | 8  |    | 10 | 51  | 37 | 4  | 14 | 2     |
| 23   | 50 | 74 | 505 | 800773 | 0.01  | 1.57 | 0.60 | 0.40 | 0.01 | 0.02 | 2.8 | 162  | 0.12 | 0.05 | 6  |    | 7  | 34  | 32 | 3  | 8  | 2     |
| 24   | 50 | 74 | 505 | 800775 | 0.02  | 2.27 | 0.41 | 1.44 | 0.01 | 0.05 | 5.1 | 974  | 0.09 | 0.09 | 7  |    | 13 | 45  | 43 | 3  | 8  | 3     |
| 25   | 50 | 74 | 505 | 800776 | 0.02  | 2.65 | 0.26 | 1.54 | 0.01 | 0.04 | 6.1 | 1120 | 0.09 | 0.09 | 7  |    | 15 | 44  | 47 | 3  | 7  | 2     |
| 26   | 50 | 74 | 505 | 800780 | 0.01  | 2.46 | 0.22 | 1.40 | 0.01 | 0.04 | 6.2 | 1659 | 0.08 | 0.11 | 7  |    | 15 | 43  | 45 | 3  | 6  | 2     |
| 27   | 50 | 74 | 505 | 800824 | 0.01  | 2.16 | 0.35 | 0.71 | 0.02 | 0.03 | 2.3 | 227  | 0.09 | 0.08 | 9  |    | 7  | 39  | 26 | 3  | 13 | 2     |
| 28   | 50 | 74 | 505 | 800828 | 0.02  | 1.98 | 0.35 | 0.76 | 0.01 | 0.04 | 2.5 | 375  | 0.08 | 0.09 | 9  |    | 9  | 46  | 25 | 2  | 11 | 2     |
| 29   | 50 | 74 | 505 | 800831 | 0.01  | 1.41 | 0.58 | 0.64 | 0.02 | 0.02 | 2.2 | 207  | 0.06 | 0.10 | 9  |    | 7  | 32  | 23 | 4  | 11 | 2     |
| 30   | 50 | 74 | 505 | 800832 | 0.02  | 2.83 | 0.95 | 1.46 | 0.03 | 0.07 | 3.2 | 417  | 0.16 | 0.08 | 11 |    | 10 | 67  | 41 | 12 | 16 | 2     |
| 31   | 50 | 74 | 505 | 800833 | 0.03  | 2.52 | 0.65 | 1.09 | 0.02 | 0.04 | 3.0 | 350  | 0.13 | 0.07 | 10 |    | 8  | 54  | 35 | 9  | 15 | 2     |
| 32   | 50 | 74 | 505 | 800834 | 0.02  | 0.92 | 0.54 | 0.68 | 0.02 | 0.02 | 1.5 | 224  | 0.06 | 0.12 | 10 |    | 6  | 40  | 22 | 4  | 12 | 4     |
| 33   | 50 | 74 | 505 | 801156 | 0.01  | 4.39 | 1.01 | 2.94 | 0.02 | 0.67 | 3.2 | 997  | 0.15 | 0.29 | 12 |    | 8  | 364 | 43 | 4  | 20 | 2     |
| 34   | 60 | 74 | 505 | 801161 | 0.03  | 3.20 | 0.36 | 1.91 | 0.01 | 0.06 | 4.6 | 1076 | 0.14 | 0.08 | 7  |    | 13 | 59  | 44 | 5  | 9  | 2     |
| 35   | 50 | 74 | 505 | 801163 | 0.02  | 2.82 | 0.37 | 0.94 | 0.01 | 0.02 | 4.4 | 360  | 0.15 | 0.04 | 9  |    | 13 | 60  | 44 | 5  | 11 | 2     |
| 36   | 50 | 74 | 505 | 801164 | 0.01  | 2.58 | 0.46 | 1.25 | 0.02 | 0.04 | 3.4 | 530  | 0.14 | 0.05 | 7  |    | 11 | 51  | 38 | 5  | 9  | 2     |
| 37   | 60 | 74 | 505 | 801165 | 0.01  | 2.43 | 0.33 | 1.12 | 0.01 | 0.03 | 3.3 | 776  | 0.09 | 0.07 | 6  |    | 10 | 41  | 31 | 2  | 7  | 2     |
| 38   | 50 | 74 | 505 | 801166 | 0.02  | 1.66 | 0.22 | 0.60 | 0.02 | 0.02 | 2.5 | 502  | 0.18 | 0.08 | 6  |    | 10 | 34  | 38 | 4  | 6  | 4     |
| 39   | 50 | 74 | 505 | 801167 | 0.01  | 2.60 | 0.36 | 1.37 | 0.01 | 0.03 | 3.6 | 769  | 0.08 | 0.08 | 6  |    | 11 | 48  | 34 | 3  | 7  | 2     |
| 40   | 50 | 74 | 505 | 801169 | 0.01  | 3.18 | 1.05 | 2.17 | 0.02 | 0.05 | 3.7 | 686  | 0.09 | 0.14 | 10 |    | 11 | 193 | 37 | 3  | 10 | 2     |
| 41   | 50 | 74 | 505 | 801170 | 0.02  | 2.55 | 0.56 | 1.45 | 0.02 | 0.08 | 3.2 | 655  | 0.14 | 0.08 | 9  |    | 9  | 103 | 37 | 4  | 10 | 2     |
| 42   | 50 | 74 | 505 | 801171 | 0.03  | 3.48 | 0.64 | 0.78 | 0.02 | 0.05 | 2.4 | 1638 | 0.05 | 0.12 | 8  |    | 11 | 32  | 26 | 2  | 10 | 2     |
| 43   | 50 | 74 | 505 | 801172 | 0.04  | 3.40 | 0.45 | 0.83 | 0.02 | 0.03 | 3.8 | 370  | 0.11 | 0.09 | 8  |    | 11 | 44  | 34 | 7  | 9  | 2     |
| 44   | 50 | 74 | 505 | 801173 | 0.03  | 3.20 | 0.38 | 0.95 | 0.01 | 0.04 | 3.0 | 360  | 0.08 | 0.11 | 13 |    | 11 | 36  | 29 | 4  | 14 | 2     |
| 45   | 50 | 74 | 505 | 801174 | 0.01  | 2.39 | 0.37 | 1.07 | 0.01 | 0.08 | 4.1 | 1546 | 0.09 | 0.08 | 9  |    | 11 | 37  | 38 | 3  | 7  | 2     |
| 46   | 50 | 74 | 505 | 801175 | 0.05  | 1.45 | 0.50 | 1.00 | 0.05 | 0.10 | 2.3 | 395  | 0.10 | 0.10 | 1  |    | 1  | 95  | 40 | 1  | 1  | 1     |
| 47   | 50 | 74 | 505 | 801177 | 0.01  | 3.57 | 0.24 | 3.20 | 0.01 | 0.15 | 4.2 | 581  | 0.15 | 0.09 | 6  |    | 12 | 468 | 46 | 3  | 5  | 2     |
| 48   | 50 | 74 | 505 | 801179 | 0.01  | 1.57 | 0.23 | 0.61 | 0.01 | 0.03 | 2.5 | 407  | 0.12 | 0.08 | 5  |    | 10 | 36  | 29 | 2  | 5  | 2     |
| 49   | 60 | 74 | 505 | 801180 | 0.02  | 2.14 | 0.36 | 1.08 | 0.01 | 0.04 | 2.9 | 411  | 0.11 | 0.07 | 5  |    | 8  | 51  | 30 | 3  | 5  | 2     |
| 50   | 50 | 74 | 505 | 801181 | 0.01  | 1.92 | 0.23 | 0.87 | 0.01 | 0.04 | 2.9 | 330  | 0.15 | 0.05 | 5  |    | 8  | 43  | 34 | 2  | 4  | 2     |
| 51   | 50 | 74 | 505 | 801182 | 0.01  | 2.95 | 0.20 | 1.56 | 0.01 | 0.05 | 4.0 | 419  | 0.15 | 0.05 | 5  |    | 10 | 120 | 42 | 3  | 4  | 2     |
| 52   | 50 | 74 | 505 | 801186 | 0.01  | 2.03 | 0.23 | 1.18 | 0.01 | 0.08 | 3.2 | 329  | 0.11 | 0.08 | 5  |    | 9  | 97  | 31 | 2  | 4  | 2     |
| 53   | 50 | 74 | 505 | 801187 | 0.01  | 2.90 | 0.36 | 1.39 | 0.01 | 0.04 | 3.2 | 362  | 0.12 | 0.07 | 7  |    | 8  | 102 | 34 | 4  | 7  | 2     |
| 54   | 50 | 74 | 505 | 801189 | 0.02  | 3.56 | 0.24 | 0.58 | 0.02 | 0.02 | 4.6 | 422  | 0.08 | 0.54 | 6  |    | 16 | 42  | 36 | 4  | 4  | 4     |

| RECD | TY | YE | PRJ | ID     | SiO2% | Al%  | Ca%  | Mg%  | Na%  | K%   | Fe%  | Mn   | Ti%  | P%   | La | In | B  | Cr  | Nb  | Zr | Ce | ICPAu |
|------|----|----|-----|--------|-------|------|------|------|------|------|------|------|------|------|----|----|----|-----|-----|----|----|-------|
| 55   | 50 | 74 | 505 | 801190 | 0.01  | 1.16 | 0.19 | 0.43 | 0.01 | 0.01 | 2.7  | 389  | 0.10 | 0.08 | 5  |    | 7  | 35  | 27  | 2  | 4  | 2     |
| 56   | 50 | 74 | 505 | 801191 | 0.01  | 1.33 | 0.21 | 0.41 | 0.01 | 0.01 | 2.7  | 666  | 0.11 | 0.07 | 5  |    | 8  | 31  | 27  | 2  | 4  | 2     |
| 57   | 50 | 74 | 505 | 801192 | 0.04  | 2.08 | 0.25 | 0.42 | 0.01 | 0.01 | 2.5  | 159  | 0.09 | 0.06 | 6  |    | 7  | 33  | 25  | 3  | 6  | 2     |
| 58   | 50 | 74 | 505 | 801193 | 0.05  | 1.95 | 0.20 | 1.20 | 0.05 | 0.10 | 3.3  | 395  | 0.15 | 0.05 | 1  |    | 15 | 40  | 40  | 1  | 1  | 1     |
| 59   | 50 | 74 | 505 | 801194 | 0.02  | 2.44 | 0.44 | 1.60 | 0.02 | 0.02 | 3.6  | 942  | 0.08 | 0.12 | 8  |    | 12 | 120 | 32  | 4  | 8  | 4     |
| 60   | 50 | 74 | 505 | 801195 | 0.05  | 1.36 | 0.43 | 0.56 | 0.02 | 0.02 | 2.1  | 241  | 0.08 | 0.07 | 7  |    | 6  | 33  | 25  | 3  | 9  | 2     |
| 61   | 50 | 74 | 505 | 801198 | 0.03  | 1.60 | 0.37 | 0.90 | 0.01 | 0.02 | 2.9  | 521  | 0.04 | 0.09 | 7  |    | 9  | 29  | 25  | 3  | 9  | 2     |
| 62   | 50 | 74 | 505 | 801223 | 0.10  | 2.40 | 0.20 | 1.40 | 0.10 | 0.10 | 6.2  | 1110 | 0.10 | 0.10 | 2  |    | 2  | 40  | 70  | 2  | 2  | 2     |
| 63   | 50 | 74 | 505 | 801225 | 0.02  | 2.12 | 0.19 | 1.29 | 0.01 | 0.04 | 4.8  | 576  | 0.07 | 0.07 | 6  |    | 1  | 35  | 36  | 3  | 4  | 2     |
| 64   | 50 | 74 | 505 | 801228 | 0.02  | 2.28 | 0.50 | 1.32 | 0.02 | 0.05 | 3.1  | 556  | 0.10 | 0.06 | 8  |    | 9  | 65  | 31  | 3  | 9  | 2     |
| 65   | 50 | 74 | 505 | 801230 | 0.15  | 5.40 | 0.75 | 3.60 | 0.15 | 0.15 | 13.5 | 1995 | 0.30 | 0.30 | 3  |    | 60 | 120 | 10  | 3  | 3  | 3     |
| 66   | 50 | 74 | 505 | 801233 | 0.01  | 2.33 | 0.24 | 1.08 | 0.01 | 0.05 | 5.5  | 384  | 0.22 | 0.04 | 8  |    | 17 | 51  | 52  | 5  | 7  | 2     |
| 67   | 50 | 74 | 505 | 801234 | 0.10  | 2.60 | 0.40 | 1.00 | 0.10 | 0.10 | 4.4  | 1470 | 0.10 | 0.10 | 2  |    | 3  | 70  | 60  | 2  | 2  | 2     |
| 68   | 50 | 74 | 505 | 801235 | 0.10  | 1.50 | 0.20 | 0.80 | 0.10 | 0.10 | 4.6  | 360  | 0.20 | 0.10 | 2  |    | 3  | 3   | 80  | 2  | 2  | 2     |
| 69   | 50 | 74 | 505 | 801236 | 0.15  | 6.60 | 0.75 | 3.75 | 0.15 | 0.15 | 21.1 | 1650 | 0.60 | 0.15 | 3  |    | 75 | 120 | 225 | 3  | 3  | 3     |
| 70   | 50 | 74 | 505 | 801237 | 0.04  | 2.60 | 0.28 | 1.05 | 0.01 | 0.03 | 4.4  | 507  | 0.14 | 0.07 | 6  |    | 13 | 45  | 42  | 4  | 6  | 2     |
| 71   | 50 | 74 | 505 | 801239 | 0.06  | 2.59 | 0.23 | 1.31 | 0.01 | 0.03 | 6.2  | 874  | 0.11 | 0.09 | 6  |    | 19 | 35  | 47  | 4  | 4  | 2     |
| 72   | 50 | 74 | 505 | 801240 | 0.01  | 1.87 | 0.27 | 0.94 | 0.01 | 0.02 | 4.1  | 484  | 0.13 | 0.07 | 6  |    | 12 | 59  | 37  | 3  | 6  | 2     |
| 73   | 50 | 74 | 505 | 801241 | 0.01  | 2.06 | 0.13 | 1.00 | 0.01 | 0.02 | 6.8  | 507  | 0.18 | 0.07 | 7  |    | 19 | 34  | 53  | 4  | 4  | 2     |
| 74   | 50 | 74 | 505 | 801242 | 0.10  | 2.72 | 0.35 | 1.05 | 0.01 | 0.03 | 3.4  | 391  | 0.12 | 0.05 | 7  |    | 10 | 48  | 34  | 10 | 9  | 2     |
| 75   | 50 | 74 | 505 | 801248 | 0.01  | 2.61 | 0.60 | 1.01 | 0.02 | 0.03 | 3.9  | 585  | 0.17 | 0.05 | 6  |    | 10 | 49  | 35  | 4  | 5  | 2     |
| 76   | 50 | 74 | 505 | 801253 | 0.01  | 2.85 | 0.52 | 1.89 | 0.02 | 0.05 | 4.3  | 786  | 0.10 | 0.05 | 7  |    | 13 | 52  | 33  | 3  | 4  | 2     |
| 77   | 50 | 74 | 505 | 801255 | 0.12  | 8.48 | 3.72 | 1.60 | 0.12 | 0.36 | 26.6 | 5088 | 0.84 | 0.36 | 36 |    | 96 | 324 | 216 | 2  | 2  | 2     |
| 78   | 50 | 74 | 505 | 801256 | 0.01  | 2.82 | 0.79 | 1.56 | 0.03 | 0.04 | 3.6  | 845  | 0.10 | 0.07 | 8  |    | 10 | 58  | 29  | 3  | 6  | 2     |
| 79   | 50 | 74 | 505 | 801258 | 0.01  | 2.74 | 0.53 | 1.54 | 0.01 | 0.04 | 3.8  | 669  | 0.11 | 0.07 | 6  |    | 10 | 55  | 30  | 2  | 5  | 2     |
| 80   | 50 | 74 | 505 | 801259 | 0.01  | 2.59 | 0.23 | 0.80 | 0.01 | 0.03 | 2.9  | 284  | 0.07 | 0.04 | 11 |    | 8  | 30  | 24  | 3  | 13 | 2     |
| 81   | 50 | 74 | 505 | 801260 | 0.01  | 3.11 | 0.30 | 1.83 | 0.01 | 0.03 | 4.5  | 696  | 0.14 | 0.05 | 6  |    | 10 | 61  | 35  | 3  | 3  | 2     |
| 82   | 50 | 74 | 505 | 801261 | 0.01  | 2.84 | 0.70 | 1.90 | 0.01 | 0.12 | 4.2  | 952  | 0.11 | 0.09 | 7  |    | 8  | 58  | 31  | 3  | 6  | 2     |
| 83   | 50 | 74 | 505 | 801262 | 0.01  | 3.20 | 0.89 | 1.56 | 0.02 | 0.09 | 3.9  | 699  | 0.10 | 0.07 | 11 |    | 8  | 63  | 31  | 4  | 10 | 2     |
| 84   | 50 | 74 | 505 | 801263 | 0.01  | 3.10 | 0.59 | 1.86 | 0.02 | 0.03 | 4.4  | 841  | 0.09 | 0.07 | 7  |    | 10 | 55  | 31  | 3  | 5  | 2     |
| 85   | 50 | 74 | 505 | 801264 | 0.01  | 2.89 | 0.78 | 1.28 | 0.02 | 0.03 | 3.9  | 806  | 0.07 | 0.08 | 11 |    | 14 | 56  | 29  | 4  | 15 | 2     |
| 86   | 50 | 74 | 505 | 801265 | 0.01  | 3.40 | 0.61 | 1.82 | 0.02 | 0.02 | 4.3  | 563  | 0.07 | 0.07 | 7  |    | 9  | 63  | 30  | 3  | 4  | 2     |
| 87   | 50 | 74 | 505 | 801266 | 0.01  | 2.56 | 0.32 | 1.04 | 0.01 | 0.02 | 3.7  | 350  | 0.12 | 0.05 | 7  |    | 8  | 51  | 30  | 4  | 5  | 2     |
| 88   | 50 | 74 | 505 | 801267 | 0.01  | 3.22 | 0.39 | 1.78 | 0.01 | 0.03 | 4.7  | 771  | 0.09 | 0.06 | 6  |    | 11 | 69  | 33  | 3  | 5  | 2     |
| 89   | 50 | 74 | 505 | 801269 | 0.01  | 3.42 | 0.41 | 1.81 | 0.01 | 0.03 | 4.6  | 750  | 0.09 | 0.07 | 7  |    | 10 | 63  | 32  | 3  | 5  | 2     |
| 90   | 50 | 74 | 505 | 801274 | 0.01  | 2.56 | 0.36 | 1.50 | 0.02 | 0.02 | 3.6  | 457  | 0.09 | 0.06 | 6  |    | 10 | 86  | 26  | 2  | 4  | 2     |
| 91   | 60 | 74 | 505 | 801277 | 0.04  | 1.63 | 0.58 | 1.12 | 0.02 | 0.07 | 3.8  | 631  | 0.12 | 0.08 | 8  |    | 9  | 67  | 31  | 4  | 8  | 2     |
| 92   | 50 | 74 | 505 | 801278 | 0.01  | 1.57 | 0.36 | 0.83 | 0.02 | 0.02 | 2.6  | 428  | 0.07 | 0.05 | 5  |    | 9  | 49  | 21  | 2  | 3  | 2     |
| 93   | 50 | 74 | 505 | 820001 | 0.04  | 2.36 | 0.26 | 0.65 | 0.02 | 0.02 | 3.2  | 292  | 0.15 | 0.07 | 6  |    | 8  | 35  | 29  | 5  | 5  | 2     |
| 94   | 50 | 74 | 505 | 820002 | 0.01  | 2.82 | 0.26 | 0.85 | 0.01 | 0.03 | 4.6  | 344  | 0.12 | 0.09 | 6  |    | 11 | 49  | 33  | 4  | 4  | 2     |
| 95   | 50 | 74 | 505 | 820003 | 0.01  | 2.26 | 0.31 | 0.89 | 0.02 | 0.02 | 3.9  | 303  | 0.16 | 0.05 | 6  |    | 9  | 47  | 36  | 5  | 4  | 2     |
| 96   | 50 | 74 | 505 | 820004 | 0.12  | 2.12 | 2.16 | 4.32 | 0.12 | 0.12 | 19.3 | 2292 | 0.96 | 0.24 | 3  |    | 60 | 216 | 168 | 2  | 2  | 2     |
| 97   | 50 | 74 | 505 | 820005 | 0.01  | 2.89 | 0.31 | 1.01 | 0.02 | 0.03 | 4.4  | 381  | 0.15 | 0.06 | 8  |    | 11 | 57  | 37  | 5  | 7  | 2     |
| 98   | 50 | 74 | 505 | 820006 | 0.01  | 1.93 | 0.35 | 0.79 | 0.02 | 0.02 | 2.7  | 256  | 0.14 | 0.03 | 5  |    | 8  | 43  | 26  | 3  | 3  | 2     |
| 99   | 50 | 74 | 505 | 820007 | 0.04  | 2.30 | 0.93 | 1.24 | 0.02 | 0.05 | 3.0  | 532  | 0.13 | 0.07 | 8  |    | 8  | 62  | 29  | 5  | 10 | 2     |
| 100  | 50 | 74 | 505 | 820008 | 0.04  | 2.58 | 0.50 | 0.97 | 0.02 | 0.02 | 3.4  | 329  | 0.13 | 0.04 | 7  |    | 9  | 57  | 29  | 5  | 7  | 2     |
| 101  | 50 | 74 | 505 | 820009 | 0.12  | 1.52 | 2.28 | 4.08 | 0.12 | 0.12 | 18.2 | 1380 | 0.84 | 0.24 | 3  |    | 60 | 204 | 168 | 2  | 2  | 2     |
| 102  | 50 | 74 | 505 | 820010 | 0.01  | 1.21 | 0.18 | 0.45 | 0.01 | 0.02 | 3.0  | 193  | 0.16 | 0.07 | 7  |    | 7  | 29  | 31  | 4  | 7  | 2     |
| 103  | 50 | 74 | 505 | 820011 | 0.01  | 1.58 | 0.30 | 0.62 | 0.02 | 0.02 | 2.9  | 206  | 0.15 | 0.04 | 5  |    | 6  | 37  | 28  | 3  | 3  | 2     |
| 104  | 50 | 74 | 505 | 820012 | 0.01  | 2.11 | 0.57 | 1.02 | 0.01 | 0.02 | 4.2  | 326  | 0.13 | 0.04 | 6  |    | 9  | 44  | 33  | 3  | 3  | 2     |
| 105  | 50 | 74 | 505 | 820013 | 0.04  | 2.56 | 0.37 | 0.87 | 0.02 | 0.03 | 3.4  | 291  | 0.12 | 0.09 | 6  |    | 8  | 42  | 29  | 4  | 4  | 2     |
| 106  | 50 | 74 | 505 | 820014 | 0.01  | 1.56 | 0.26 | 0.28 | 0.01 | 0.01 | 1.4  | 106  | 0.10 | 0.04 | 5  |    | 4  | 27  | 16  | 2  | 5  | 2     |
| 107  | 50 | 74 | 505 | 820015 | 0.01  | 1.45 | 0.21 | 0.48 | 0.01 | 0.02 | 2.9  | 171  | 0.10 | 0.05 | 5  |    | 8  | 28  | 23  | 2  | 4  | 2     |
| 108  | 50 | 74 | 505 | 820017 | 0.04  | 3.02 | 0.21 | 1.02 | 0.01 | 0.03 | 4.7  | 380  | 0.13 | 0.07 | 6  |    | 11 | 60  | 34  | 7  | 4  | 2     |



| RECD | TY | YE | PRJ | ID     | SiO2% | Al%   | Ca%  | Mg%   | Na%  | K%   | Fe%  | Mn   | Ti%  | P%   | La | In | B  | Cr  | Nb  | Zr | Ce | ICPAu |
|------|----|----|-----|--------|-------|-------|------|-------|------|------|------|------|------|------|----|----|----|-----|-----|----|----|-------|
| 109  | 50 | 74 | 505 | 820018 | 0.04  | 3.04  | 0.15 | 0.96  | 0.01 | 0.02 | 5.8  | 375  | 0.12 | 0.08 | 8  |    | 11 | 45  | 38  | 7  | 6  | 2     |
| 110  | 50 | 74 | 505 | 820019 | 0.03  | 2.48  | 0.18 | 0.87  | 0.01 | 0.01 | 3.9  | 297  | 0.08 | 0.07 | 5  |    | 9  | 44  | 23  | 3  | 2  | 4     |
| 111  | 50 | 74 | 505 | 820020 | 0.01  | 1.45  | 0.19 | 0.50  | 0.01 | 0.02 | 2.5  | 210  | 0.14 | 0.07 | 7  |    | 5  | 35  | 26  | 3  | 6  | 2     |
| 112  | 50 | 74 | 505 | 820021 | 0.12  | 6.96  | 1.32 | 2.40  | 0.12 | 0.12 | 1.9  | 852  | 0.84 | 0.24 | 2  |    | 60 | 192 | 96  | 2  | 2  | 2     |
| 113  | 50 | 74 | 505 | 820022 | 0.02  | 1.53  | 0.28 | 0.53  | 0.01 | 0.01 | 2.9  | 206  | 0.20 | 0.04 | 5  |    | 8  | 37  | 32  | 4  | 2  | 2     |
| 114  | 50 | 74 | 505 | 820023 | 0.02  | 1.27  | 0.28 | 0.61  | 0.01 | 0.02 | 2.0  | 266  | 0.17 | 0.03 | 5  |    | 7  | 32  | 26  | 3  | 4  | 2     |
| 115  | 50 | 74 | 505 | 820024 | 0.01  | 1.68  | 0.39 | 0.98  | 0.01 | 0.03 | 4.1  | 406  | 0.15 | 0.05 | 6  |    | 11 | 39  | 33  | 3  | 3  | 2     |
| 116  | 50 | 74 | 505 | 820025 | 0.01  | 1.95  | 0.20 | 0.81  | 0.01 | 0.02 | 3.6  | 292  | 0.11 | 0.06 | 6  |    | 9  | 34  | 26  | 3  | 4  | 2     |
| 117  | 50 | 74 | 505 | 820027 | 0.02  | 2.33  | 0.35 | 0.80  | 0.02 | 0.02 | 3.6  | 336  | 0.13 | 0.06 | 6  |    | 9  | 38  | 2   | 3  | 4  | 2     |
| 118  | 50 | 74 | 505 | 820028 | 0.15  | 3.60  | 0.90 | 0.90  | 0.15 | 0.15 | 5.1  | 30   | 0.60 | 0.15 | 2  |    | 45 | 60  | 75  | 2  | 2  | 2     |
| 119  | 50 | 74 | 505 | 820029 | 0.01  | 0.86  | 0.26 | 0.37  | 0.01 | 0.02 | 1.4  | 18   | 0.17 | 0.02 | 4  |    | 5  | 17  | 22  | 2  | 2  | 2     |
| 120  | 50 | 74 | 505 | 820030 | 0.24  | 16.80 | 1.32 | 3.72  | 0.12 | 0.12 | 19.3 | 1404 | 0.72 | 0.48 | 3  |    | 60 | 20  | 144 | 2  | 2  | 2     |
| 121  | 50 | 74 | 505 | 820031 | 0.01  | 1.72  | 0.20 | 0.43  | 0.01 | 0.01 | 3.4  | 181  | 0.14 | 0.07 | 6  |    | 7  | 31  | 29  | 3  | 4  | 2     |
| 122  | 50 | 74 | 505 | 820033 | 0.01  | 2.89  | 0.46 | 1.05  | 0.02 | 0.05 | 3.8  | 2191 | 0.06 | 0.09 | 14 |    | 10 | 44  | 25  | 3  | 10 | 2     |
| 123  | 50 | 74 | 505 | 820035 | 0.01  | 1.40  | 0.23 | 0.38  | 0.01 | 0.01 | 2.6  | 229  | 0.12 | 0.06 | 5  |    | 8  | 29  | 23  | 2  | 3  | 2     |
| 124  | 50 | 74 | 505 | 820036 | 0.05  | 2.40  | 0.35 | 0.94  | 0.02 | 0.02 | 3.0  | 255  | 0.13 | 0.07 | 7  |    | 8  | 80  | 26  | 4  | 5  | 2     |
| 125  | 50 | 74 | 505 | 820037 | 0.01  | 1.68  | 0.18 | 0.66  | 0.01 | 0.02 | 4.1  | 352  | 0.15 | 0.07 | 4  |    | 9  | 18  | 31  | 2  | 2  | 2     |
| 126  | 50 | 74 | 505 | 820038 | 0.12  | 4.92  | 1.32 | 1.08  | 0.12 | 0.12 | 5.0  | 456  | 0.96 | 0.12 | 2  |    | 2  | 84  | 108 | 2  | 2  | 2     |
| 127  | 50 | 74 | 505 | 820040 | 0.01  | 2.50  | 0.24 | 1.16  | 0.01 | 0.02 | 4.5  | 417  | 0.12 | 0.06 | 6  |    | 10 | 42  | 32  | 3  | 3  | 2     |
| 128  | 50 | 74 | 505 | 820041 | 0.01  | 1.17  | 0.25 | 0.42  | 0.01 | 0.02 | 1.4  | 13   | 0.17 | 0.03 | 4  |    | 5  | 29  | 21  | 2  | 3  | 2     |
| 129  | 50 | 74 | 505 | 820042 | 0.05  | 2.85  | 0.39 | 0.87  | 0.02 | 0.03 | 3.1  | 280  | 0.13 | 0.06 | 7  |    | 8  | 45  | 26  | 6  | 6  | 2     |
| 130  | 50 | 74 | 505 | 820043 | 0.01  | 1.39  | 0.24 | 0.77  | 0.02 | 0.04 | 3.2  | 279  | 0.17 | 0.06 | 5  |    | 6  | 33  | 2   | 3  | 2  | 2     |
| 131  | 50 | 74 | 505 | 820044 | 0.12  | 9.72  | 1.44 | 3.48  | 0.12 | 0.12 | 2.0  | 124  | 1.32 | 0.48 | 48 |    | 60 | 216 | 216 | 2  | 2  | 2     |
| 132  | 50 | 74 | 505 | 820045 | 0.01  | 1.52  | 0.29 | 0.72  | 0.01 | 0.02 | 2.3  | 225  | 0.22 | 0.03 | 4  |    | 6  | 28  | 32  | 3  | 2  | 2     |
| 133  | 50 | 74 | 505 | 820046 | 0.12  | 3.12  | 1.32 | 1.08  | 0.12 | 0.12 | 7.8  | 492  | 1.08 | 0.12 | 2  |    | 48 | 108 | 96  | 2  | 2  | 2     |
| 134  | 50 | 74 | 505 | 820047 | 0.15  | 6.90  | 1.20 | 1.95  | 0.15 | 0.15 | 8.7  | 705  | 0.60 | 0.15 | 2  |    | 2  | 10  | 90  | 2  | 2  | 2     |
| 135  | 50 | 74 | 505 | 820050 | 0.01  | 3.06  | 0.72 | 2.32  | 0.02 | 0.05 | 3.6  | 1175 | 0.10 | 0.13 | 9  |    | 8  | 234 | 32  | 3  | 9  | 2     |
| 136  | 50 | 74 | 505 | 820052 | 0.01  | 2.50  | 0.40 | 1.18  | 0.02 | 0.03 | 4.1  | 638  | 0.17 | 0.04 | 6  |    | 10 | 62  | 3   | 4  | 5  | 2     |
| 137  | 50 | 74 | 505 | 820053 | 0.01  | 1.25  | 0.30 | 0.65  | 0.01 | 0.02 | 2.6  | 253  | 0.18 | 0.04 | 6  |    | 8  | 45  | 2   | 3  | 4  | 2     |
| 138  | 50 | 74 | 505 | 820055 | 0.01  | 2.60  | 2.30 | 1.32  | 0.02 | 0.04 | 3.0  | 140  | 0.07 | 0.10 | 6  |    | 8  | 55  | 26  | 3  | 6  | 2     |
| 139  | 50 | 74 | 505 | 820056 | 0.02  | 3.13  | 0.79 | 1.60  | 0.03 | 0.04 | 3.9  | 675  | 0.13 | 0.07 | 7  |    | 8  | 73  | 31  | 3  | 6  | 2     |
| 140  | 50 | 74 | 505 | 820059 | 0.01  | 1.96  | 0.45 | 1.25  | 0.01 | 0.05 | 4.0  | 3114 | 0.04 | 0.10 | 5  |    | 10 | 69  | 23  | 2  | 4  | 2     |
| 141  | 50 | 74 | 505 | 820060 | 0.12  | 18.60 | 2.04 | 12.24 | 0.12 | 0.48 | 2.1  | 9840 | 0.72 | 0.48 | 48 |    | 72 | 624 | 192 | 2  | 60 | 2     |
| 142  | 50 | 74 | 505 | 820061 | 0.01  | 3.03  | 1.13 | 1.31  | 0.02 | 0.05 | 3.7  | 1675 | 0.07 | 0.11 | 8  |    | 8  | 54  | 26  | 3  | 8  | 2     |
| 143  | 50 | 74 | 505 | 820062 | 0.02  | 2.41  | 0.42 | 1.25  | 0.03 | 0.02 | 3.1  | 404  | 0.19 | 0.04 | 6  |    | 8  | 37  | 33  | 4  | 4  | 2     |
| 144  | 50 | 74 | 505 | 820064 | 0.01  | 0.92  | 1.06 | 0.35  | 0.01 | 0.02 | 1.3  | 130  | 0.07 | 0.06 | 4  |    | 4  | 48  | 15  | 2  | 2  | 2     |
| 145  | 50 | 74 | 505 | 820066 | 0.01  | 1.57  | 0.28 | 0.69  | 0.01 | 0.02 | 3.5  | 265  | 0.17 | 0.06 | 6  |    | 8  | 39  | 33  | 3  | 3  | 2     |
| 146  | 50 | 74 | 505 | 820067 | 0.01  | 2.22  | 0.27 | 0.53  | 0.02 | 0.02 | 3.3  | 211  | 0.14 | 0.07 | 6  |    | 9  | 38  | 27  | 3  | 5  | 2     |
| 147  | 50 | 74 | 505 | 820069 | 0.01  | 2.10  | 0.40 | 1.52  | 0.02 | 0.04 | 3.5  | 1028 | 0.08 | 0.08 | 6  |    | 9  | 99  | 25  | 2  | 5  | 2     |
| 148  | 50 | 74 | 505 | 820070 | 0.01  | 2.08  | 0.27 | 0.51  | 0.01 | 0.01 | 3.4  | 183  | 0.21 | 0.07 | 7  |    | 7  | 37  | 37  | 4  | 9  | 2     |
| 149  | 50 | 74 | 505 | 820071 | 0.01  | 1.27  | 0.28 | 0.41  | 0.01 | 0.01 | 2.2  | 134  | 0.22 | 0.05 | 7  |    | 5  | 24  | 36  | 4  | 11 | 2     |
| 150  | 50 | 74 | 505 | 820072 | 0.01  | 1.81  | 0.27 | 0.43  | 0.02 | 0.01 | 2.3  | 127  | 0.15 | 0.05 | 6  |    | 7  | 28  | 29  | 3  | 8  | 2     |
| 151  | 50 | 74 | 505 | 820073 | 0.01  | 1.21  | 0.24 | 0.68  | 0.01 | 0.02 | 1.8  | 110  | 0.21 | 0.02 | 5  |    | 5  | 19  | 31  | 3  | 8  | 2     |
| 152  | 50 | 74 | 505 | 820074 | 0.01  | 1.12  | 0.16 | 0.50  | 0.01 | 0.04 | 1.4  | 135  | 0.15 | 0.04 | 5  |    | 4  | 16  | 24  | 2  | 8  | 2     |
| 153  | 50 | 74 | 505 | 820076 | 0.01  | 1.11  | 0.17 | 0.27  | 0.01 | 0.01 | 1.6  | 87   | 0.11 | 0.04 | 8  |    | 4  | 23  | 25  | 3  | 13 | 2     |
| 154  | 50 | 74 | 505 | 820077 | 0.08  | 2.73  | 0.23 | 0.57  | 0.01 | 0.01 | 3.7  | 315  | 0.12 | 0.08 | 9  |    | 8  | 33  | 32  | 6  | 11 | 2     |
| 155  | 50 | 74 | 505 | 820078 | 0.02  | 1.80  | 0.21 | 0.46  | 0.01 | 0.01 | 3.3  | 167  | 0.12 | 0.07 | 5  |    | 6  | 34  | 27  | 3  | 6  | 2     |
| 156  | 50 | 74 | 505 | 820079 | 0.04  | 2.28  | 0.20 | 0.42  | 0.01 | 0.01 | 2.3  | 176  | 0.13 | 0.06 | 5  |    | 5  | 33  | 26  | 4  | 7  | 2     |
| 157  | 50 | 74 | 505 | 820080 | 0.06  | 3.29  | 0.26 | 0.68  | 0.01 | 0.01 | 4.1  | 230  | 0.18 | 0.08 | 7  |    | 8  | 44  | 37  | 7  | 9  | 2     |
| 158  | 50 | 74 | 505 | 840481 | 0.01  | 2.29  | 0.64 | 1.62  | 0.02 | 0.04 | 3.4  | 711  | 0.10 | 0.12 | 8  |    | 8  | 128 | 33  | 3  | 12 | 2     |
| 159  | 50 | 74 | 505 | 840482 | 0.01  | 2.86  | 0.40 | 1.54  | 0.01 | 0.03 | 3.6  | 410  | 0.09 | 0.08 | 6  |    | 5  | 123 | 30  | 2  | 8  | 2     |
| 160  | 50 | 74 | 505 | 840484 | 0.01  | 2.25  | 0.86 | 1.51  | 0.02 | 0.05 | 2.8  | 376  | 0.10 | 0.11 | 8  |    | 8  | 71  | 30  | 4  | 10 | 2     |
| 161  | 50 | 74 | 505 | 840486 | 0.01  | 2.02  | 0.63 | 1.38  | 0.02 | 0.04 | 3.4  | 500  | 0.08 | 0.12 | 9  |    | 6  | 104 | 29  | 2  | 11 | 2     |
| 162  | 50 | 74 | 505 | 840489 | 0.01  | 2.18  | 0.57 | 1.44  | 0.02 | 0.02 | 2.0  | 278  | 0.09 | 0.12 | 8  |    | 4  | 107 | 23  | 2  | 10 | 2     |

| RECD | TY | YE | PRJ | ID     | SI02% | A1%  | Ca%  | Mg%  | Na%  | K%   | Fe%  | Mn   | Ti%  | P%   | La | In | B  | Cr | Nb | Zr | Ce | ICPAu |
|------|----|----|-----|--------|-------|------|------|------|------|------|------|------|------|------|----|----|----|----|----|----|----|-------|
| 217  | 50 | 74 | 505 | 840564 | 0.03  | 2.23 | 0.19 | 1.22 | 0.01 | 0.02 | 5.2  | 557  | 0.08 | 0.08 | 6  |    | 8  | 34 | 22 | 3  | 6  | 2     |
| 218  | 50 | 74 | 505 | 840566 | 0.01  | 2.24 | 0.22 | 1.36 | 0.01 | 0.03 | 5.1  | 725  | 0.08 | 0.09 | 5  |    | 7  | 45 | 23 | 3  | 6  | 2     |
| 219  | 50 | 74 | 505 | 840567 | 0.04  | 2.50 | 0.23 | 1.43 | 0.01 | 0.05 | 5.4  | 996  | 0.08 | 0.10 | 6  |    | 7  | 36 | 24 | 3  | 7  | 2     |
| 220  | 50 | 74 | 505 | 840568 | 0.01  | 1.74 | 0.28 | 0.52 | 0.01 | 0.01 | 2.6  | 246  | 0.07 | 0.07 | 8  |    | 5  | 37 | 16 | 2  | 10 | 2     |
| 221  | 50 | 74 | 505 | 840569 | 0.01  | 1.80 | 0.49 | 1.01 | 0.02 | 0.01 | 2.0  | 252  | 0.04 | 0.11 | 8  |    | 4  | 70 | 13 | 2  | 9  | 2     |
| 222  | 50 | 74 | 505 | 840571 | 0.01  | 2.08 | 0.51 | 1.27 | 0.03 | 0.02 | 2.0  | 272  | 0.06 | 0.10 | 9  |    | 8  | 80 | 16 | 2  | 10 | 2     |
| 223  | 50 | 74 | 505 | 840572 | 0.02  | 2.13 | 0.30 | 0.73 | 0.01 | 0.03 | 2.6  | 301  | 0.09 | 0.06 | 7  |    | 5  | 41 | 18 | 2  | 10 | 2     |
| 224  | 50 | 74 | 505 | 840573 | 0.01  | 2.21 | 0.16 | 0.56 | 0.01 | 0.03 | 2.9  | 201  | 0.11 | 0.07 | 7  |    | 5  | 31 | 21 | 3  | 9  | 2     |
| 225  | 50 | 74 | 505 | 840574 | 0.02  | 1.81 | 0.54 | 0.87 | 0.02 | 0.03 | 2.5  | 481  | 0.08 | 0.10 | 11 |    | 4  | 38 | 18 | 3  | 15 | 2     |
| 226  | 50 | 74 | 505 | 840575 | 0.03  | 1.38 | 0.47 | 0.63 | 0.02 | 0.01 | 2.1  | 187  | 0.06 | 0.10 | 10 |    | 4  | 40 | 16 | 4  | 14 | 2     |
| 227  | 50 | 74 | 505 | 840577 | 0.03  | 2.14 | 0.62 | 1.03 | 0.02 | 0.03 | 2.8  | 399  | 0.09 | 0.06 | 9  |    | 6  | 45 | 21 | 3  | 15 | 2     |
| 228  | 50 | 74 | 505 | 840578 | 0.01  | 2.43 | 0.68 | 1.09 | 0.02 | 0.03 | 3.1  | 462  | 0.10 | 0.04 | 17 |    | 8  | 45 | 22 | 4  | 12 | 2     |
| 229  | 50 | 74 | 505 | 840579 | 0.01  | 2.44 | 0.27 | 0.77 | 0.02 | 0.03 | 3.0  | 314  | 0.11 | 0.05 | 13 |    | 8  | 40 | 22 | 3  | 13 | 2     |
| 230  | 50 | 74 | 505 | 840580 | 0.02  | 2.16 | 0.45 | 0.97 | 0.02 | 0.03 | 2.6  | 298  | 0.09 | 0.07 | 8  |    | 5  | 43 | 19 | 3  | 12 | 2     |
| 231  | 50 | 74 | 505 | 840581 | 0.01  | 1.47 | 0.39 | 0.61 | 0.02 | 0.01 | 2.5  | 191  | 0.04 | 0.11 | 11 |    | 5  | 44 | 14 | 2  | 11 | 2     |
| 232  | 50 | 74 | 505 | 840583 | 0.09  | 2.67 | 0.28 | 0.62 | 0.01 | 0.01 | 2.9  | 200  | 0.09 | 0.09 | 7  |    | 5  | 38 | 17 | 6  | 8  | 2     |
| 233  | 50 | 74 | 505 | 840584 | 0.09  | 3.34 | 0.20 | 0.51 | 0.01 | 0.01 | 3.5  | 162  | 0.14 | 0.06 | 7  |    | 6  | 46 | 24 | 8  | 8  | 2     |
| 234  | 50 | 74 | 505 | 840586 | 0.04  | 2.33 | 0.29 | 0.56 | 0.01 | 0.01 | 2.6  | 195  | 0.09 | 0.07 | 6  |    | 6  | 32 | 16 | 3  | 9  | 2     |
| 235  | 50 | 74 | 505 | 840587 | 0.01  | 2.07 | 0.21 | 0.79 | 0.01 | 0.02 | 4.6  | 256  | 0.12 | 0.08 | 6  |    | 6  | 38 | 25 | 3  | 6  | 2     |
| 236  | 50 | 74 | 505 | 840588 | 0.02  | 2.07 | 1.06 | 0.85 | 0.02 | 0.03 | 2.9  | 1001 | 0.06 | 0.08 | 6  |    | 6  | 57 | 18 | 2  | 10 | 2     |
| 237  | 50 | 74 | 505 | 840589 | 0.01  | 3.17 | 1.30 | 1.25 | 0.02 | 0.08 | 3.4  | 817  | 0.06 | 0.13 | 14 |    | 6  | 64 | 20 | 6  | 16 | 2     |
| 238  | 50 | 74 | 505 | 840591 | 0.02  | 2.40 | 0.29 | 0.69 | 0.02 | 0.02 | 3.0  | 258  | 0.11 | 0.06 | 7  |    | 5  | 41 | 21 | 4  | 9  | 2     |
| 239  | 50 | 74 | 505 | 840592 | 0.01  | 2.20 | 0.27 | 0.74 | 0.01 | 0.01 | 3.2  | 238  | 0.14 | 0.05 | 6  |    | 6  | 41 | 23 | 4  | 8  | 2     |
| 240  | 50 | 74 | 505 | 840593 | 0.02  | 2.16 | 0.31 | 0.86 | 0.02 | 0.02 | 3.7  | 263  | 0.16 | 0.06 | 6  |    | 6  | 44 | 28 | 4  | 7  | 2     |
| 241  | 50 | 74 | 505 | 840594 | 0.12  | 4.28 | 1.44 | 5.16 | 0.12 | 0.12 | 25.9 | 1536 | 1.56 | 0.48 | 48 |    | 48 | 20 | 20 | 2  | 48 | 2     |
| 242  | 50 | 74 | 505 | 840595 | 0.01  | 2.40 | 0.14 | 0.59 | 0.01 | 0.01 | 5.4  | 307  | 0.18 | 0.08 | 9  |    | 8  | 34 | 36 | 6  | 11 | 2     |
| 243  | 50 | 74 | 505 | 840596 | 0.11  | 2.85 | 0.26 | 0.64 | 0.01 | 0.01 | 2.7  | 193  | 0.13 | 0.06 | 6  |    | 5  | 36 | 22 | 4  | 7  | 2     |
| 244  | 50 | 74 | 505 | 840597 | 0.01  | 2.11 | 0.26 | 0.87 | 0.01 | 0.02 | 4.0  | 259  | 0.18 | 0.04 | 6  |    | 6  | 52 | 28 | 3  | 9  | 2     |
| 245  | 50 | 74 | 505 | 840599 | 0.02  | 2.83 | 0.30 | 0.87 | 0.02 | 0.02 | 3.6  | 270  | 0.16 | 0.04 | 7  |    | 5  | 40 | 26 | 4  | 8  | 2     |
| 246  | 50 | 74 | 505 | 840600 | 0.01  | 2.42 | 0.32 | 0.74 | 0.01 | 0.02 | 4.1  | 203  | 0.20 | 0.03 | 7  |    | 7  | 43 | 31 | 4  | 8  | 2     |
| 247  | 50 | 74 | 505 | 840601 | 0.01  | 3.54 | 1.77 | 0.99 | 0.02 | 0.06 | 3.2  | 420  | 0.05 | 0.15 | 16 |    | 9  | 44 | 20 | 4  | 22 | 2     |
| 248  | 50 | 74 | 505 | 840602 | 0.01  | 1.68 | 0.19 | 0.54 | 0.01 | 0.01 | 2.8  | 216  | 0.18 | 0.03 | 5  |    | 5  | 41 | 27 | 3  | 6  | 2     |
| 249  | 50 | 74 | 505 | 840603 | 0.01  | 1.75 | 0.30 | 0.69 | 0.01 | 0.02 | 3.0  | 236  | 0.17 | 0.03 | 5  |    | 6  | 40 | 27 | 3  | 6  | 2     |
| 250  | 50 | 74 | 505 | 840604 | 0.01  | 0.82 | 0.18 | 0.44 | 0.01 | 0.01 | 2.0  | 301  | 0.16 | 0.03 | 4  |    | 4  | 22 | 20 | 2  | 5  | 2     |
| 251  | 50 | 74 | 505 | 840605 | 0.01  | 2.11 | 0.19 | 0.59 | 0.01 | 0.01 | 3.2  | 225  | 0.11 | 0.05 | 7  |    | 5  | 36 | 23 | 5  | 9  | 2     |
| 252  | 50 | 74 | 505 | 840606 | 0.01  | 1.72 | 0.24 | 0.74 | 0.01 | 0.01 | 3.7  | 215  | 0.19 | 0.06 | 6  |    | 6  | 38 | 27 | 4  | 7  | 2     |
| 253  | 50 | 74 | 505 | 840607 | 0.07  | 2.12 | 0.29 | 0.65 | 0.01 | 0.01 | 2.6  | 195  | 0.09 | 0.07 | 7  |    | 4  | 41 | 17 | 4  | 9  | 2     |
| 254  | 50 | 74 | 505 | 840608 | 0.08  | 3.49 | 0.18 | 0.47 | 0.01 | 0.02 | 3.2  | 202  | 0.14 | 0.11 | 10 |    | 5  | 38 | 28 | 15 | 14 | 2     |
| 255  | 50 | 74 | 505 | 840609 | 0.01  | 1.33 | 0.16 | 0.29 | 0.01 | 0.01 | 2.0  | 139  | 0.13 | 0.08 | 6  |    | 4  | 25 | 19 | 3  | 8  | 2     |
| 256  | 50 | 74 | 505 | 840610 | 0.08  | 1.94 | 0.30 | 0.64 | 0.01 | 0.01 | 2.8  | 200  | 0.08 | 0.07 | 5  |    | 5  | 27 | 18 | 4  | 7  | 2     |
| 257  | 50 | 74 | 505 | 841056 | 0.03  | 2.77 | 0.23 | 0.64 | 0.01 | 0.01 | 3.3  | 226  | 0.07 | 0.07 | 7  |    | 8  | 38 | 17 | 3  | 9  | 2     |
| 258  | 50 | 74 | 505 | 841057 | 0.01  | 2.67 | 0.24 | 0.90 | 0.01 | 0.01 | 3.9  | 483  | 0.07 | 0.15 | 6  |    | 9  | 49 | 19 | 2  | 7  | 2     |
| 259  | 50 | 74 | 505 | 841058 | 0.10  | 0.91 | 0.22 | 0.53 | 0.01 | 0.01 | 6.0  | 354  | 0.04 | 0.07 | 6  |    | 9  | 15 | 19 | 3  | 6  | 2     |
| 260  | 50 | 74 | 505 | 841059 | 0.15  | 6.30 | 0.60 | 1.50 | 0.15 | 0.15 | 16.9 | 600  | 0.45 | 0.30 | 3  |    | 45 | 15 | 75 | 3  | 3  | 3     |
| 261  | 50 | 74 | 505 | 841060 | 0.01  | 1.49 | 0.41 | 0.70 | 0.02 | 0.01 | 2.1  | 218  | 0.10 | 0.06 | 6  |    | 6  | 32 | 15 | 2  | 7  | 2     |
| 262  | 50 | 74 | 505 | 841061 | 0.02  | 2.06 | 0.30 | 0.64 | 0.01 | 0.01 | 2.7  | 196  | 0.15 | 0.04 | 5  |    | 5  | 33 | 22 | 4  | 6  | 2     |
| 263  | 50 | 74 | 505 | 841062 | 0.01  | 2.30 | 0.25 | 1.02 | 0.01 | 0.01 | 3.7  | 322  | 0.13 | 0.04 | 5  |    | 7  | 88 | 23 | 3  | 6  | 2     |
| 264  | 50 | 74 | 505 | 841063 | 0.01  | 1.40 | 0.20 | 0.52 | 0.01 | 0.01 | 3.4  | 166  | 0.21 | 0.06 | 5  |    | 6  | 39 | 28 | 3  | 5  | 2     |
| 265  | 50 | 74 | 505 | 841064 | 0.01  | 1.52 | 0.29 | 0.64 | 0.01 | 0.01 | 2.1  | 314  | 0.07 | 0.06 | 4  |    | 5  | 32 | 14 | 2  | 5  | 2     |
| 266  | 50 | 74 | 505 | 841065 | 0.01  | 1.85 | 0.24 | 1.00 | 0.01 | 0.01 | 3.8  | 313  | 0.12 | 0.05 | 5  |    | 6  | 95 | 2  | 2  | 5  | 2     |
| 267  | 50 | 74 | 505 | 841067 | 0.01  | 1.98 | 0.36 | 0.97 | 0.01 | 0.01 | 2.8  | 36   | 0.11 | 0.06 | 6  |    | 7  | 54 | 18 | 2  | 7  | 2     |
| 268  | 50 | 74 | 505 | 841068 | 0.01  | 2.00 | 0.32 | 0.85 | 0.01 | 0.01 | 3.5  | 285  | 0.10 | 0.07 | 6  |    | 7  | 40 | 2  | 3  | 7  | 2     |
| 269  | 60 | 74 | 505 | 841069 | 0.05  | 1.80 | 0.60 | 0.99 | 0.02 | 0.03 | 5.4  | 654  | 0.09 | 0.10 | 8  |    | 9  | 36 | 22 | 4  | 11 | 2     |
| 270  | 50 | 74 | 505 | 841071 | 0.01  | 1.14 | 0.22 | 0.78 | 0.01 | 0.01 | 2.1  | 782  | 0.05 | 0.05 | 4  |    | 4  | 51 | 13 | 2  | 5  | 2     |

| RECD | TY | YE | PRJ | ID     | SiO2% | Al%  | Ca%  | Mg%  | Na%  | K%   | Fe% | Mn   | Ti%  | P%   | La | In | B | Cr  | Nb | Zr | Ce | ICPAU |
|------|----|----|-----|--------|-------|------|------|------|------|------|-----|------|------|------|----|----|---|-----|----|----|----|-------|
| 163  | 50 | 74 | 505 | 840490 | 0.04  | 2.39 | 0.48 | 1.08 | 0.03 | 0.03 | 2.8 | 363  | 0.14 | 0.06 | 9  |    | 5 | 53  | 31 | 4  | 15 | 2     |
| 164  | 50 | 74 | 505 | 840491 | 0.04  | 1.35 | 0.46 | 0.39 | 0.01 | 0.01 | 1.7 | 129  | 0.06 | 0.14 | 8  |    | 5 | 40  | 18 | 2  | 12 | 2     |
| 165  | 50 | 74 | 505 | 840492 | 0.01  | 1.84 | 0.32 | 0.44 | 0.01 | 0.01 | 2.1 | 327  | 0.08 | 0.09 | 6  |    | 5 | 37  | 20 | 2  | 10 | 2     |
| 166  | 50 | 74 | 505 | 840494 | 0.06  | 2.11 | 0.32 | 0.83 | 0.02 | 0.02 | 2.4 | 303  | 0.12 | 0.05 | 7  |    | 5 | 45  | 26 | 4  | 13 | 2     |
| 167  | 50 | 74 | 505 | 840495 | 0.04  | 2.20 | 0.37 | 0.81 | 0.02 | 0.02 | 2.6 | 317  | 0.12 | 0.07 | 9  |    | 6 | 46  | 27 | 4  | 14 | 2     |
| 168  | 50 | 74 | 505 | 840496 | 0.01  | 1.67 | 0.73 | 0.95 | 0.02 | 0.03 | 2.6 | 524  | 0.10 | 0.08 | 9  |    | 6 | 44  | 26 | 3  | 12 | 2     |
| 169  | 50 | 74 | 505 | 840498 | 0.01  | 2.27 | 0.60 | 1.09 | 0.02 | 0.03 | 3.6 | 716  | 0.10 | 0.09 | 7  |    | 7 | 50  | 31 | 3  | 12 | 2     |
| 170  | 50 | 74 | 505 | 840499 | 0.01  | 2.41 | 1.05 | 1.00 | 0.02 | 0.07 | 2.8 | 669  | 0.09 | 0.12 | 13 |    | 6 | 31  | 29 | 2  | 17 | 2     |
| 171  | 50 | 74 | 505 | 840501 | 0.01  | 2.08 | 0.71 | 1.00 | 0.02 | 0.04 | 2.9 | 428  | 0.11 | 0.05 | 10 |    | 7 | 45  | 29 | 4  | 18 | 2     |
| 172  | 50 | 74 | 505 | 840502 | 0.01  | 2.40 | 0.49 | 0.78 | 0.01 | 0.02 | 3.7 | 242  | 0.19 | 0.04 | 7  |    | 7 | 36  | 38 | 5  | 11 | 2     |
| 173  | 50 | 74 | 505 | 840506 | 0.04  | 2.03 | 1.17 | 0.53 | 0.02 | 0.02 | 2.1 | 265  | 0.13 | 0.05 | 7  |    | 5 | 38  | 28 | 3  | 11 | 2     |
| 174  | 50 | 74 | 505 | 840507 | 0.05  | 2.20 | 0.43 | 0.76 | 0.02 | 0.01 | 2.3 | 232  | 0.11 | 0.06 | 6  |    | 4 | 33  | 26 | 5  | 10 | 2     |
| 175  | 50 | 74 | 505 | 840508 | 0.05  | 3.22 | 0.87 | 0.77 | 0.02 | 0.02 | 3.0 | 1834 | 0.06 | 0.10 | 12 |    | 5 | 43  | 26 | 3  | 36 | 2     |
| 176  | 50 | 74 | 505 | 840510 | 0.01  | 2.05 | 0.42 | 0.82 | 0.02 | 0.02 | 2.6 | 265  | 0.14 | 0.05 | 7  |    | 4 | 34  | 28 | 5  | 11 | 2     |
| 177  | 50 | 74 | 505 | 840511 | 0.01  | 2.34 | 0.56 | 0.85 | 0.02 | 0.02 | 3.9 | 375  | 0.17 | 0.06 | 8  |    | 8 | 44  | 38 | 6  | 13 | 2     |
| 178  | 50 | 74 | 505 | 840512 | 0.03  | 2.88 | 0.31 | 0.83 | 0.01 | 0.01 | 3.4 | 255  | 0.20 | 0.05 | 7  |    | 6 | 40  | 36 | 4  | 10 | 2     |
| 179  | 50 | 74 | 505 | 840513 | 0.01  | 1.68 | 0.21 | 0.57 | 0.01 | 0.02 | 3.4 | 245  | 0.25 | 0.04 | 7  |    | 9 | 34  | 42 | 4  | 10 | 2     |
| 180  | 50 | 74 | 505 | 840514 | 0.01  | 1.80 | 0.28 | 0.75 | 0.02 | 0.02 | 3.5 | 258  | 0.22 | 0.04 | 7  |    | 7 | 39  | 39 | 4  | 9  | 2     |
| 181  | 50 | 74 | 505 | 840517 | 0.01  | 2.30 | 0.35 | 0.79 | 0.02 | 0.02 | 3.7 | 306  | 0.19 | 0.05 | 12 |    | 6 | 43  | 41 | 6  | 20 | 2     |
| 182  | 50 | 74 | 505 | 840520 | 0.01  | 1.91 | 1.28 | 0.79 | 0.02 | 0.02 | 2.4 | 921  | 0.08 | 0.08 | 8  |    | 6 | 30  | 25 | 3  | 15 | 2     |
| 183  | 50 | 74 | 505 | 840521 | 0.01  | 2.78 | 0.28 | 0.76 | 0.02 | 0.02 | 3.3 | 281  | 0.13 | 0.07 | 7  |    | 6 | 41  | 30 | 8  | 10 | 2     |
| 184  | 50 | 74 | 505 | 840522 | 0.04  | 3.18 | 0.32 | 1.76 | 0.01 | 0.14 | 3.8 | 478  | 0.14 | 0.05 | 8  |    | 5 | 97  | 29 | 3  | 9  | 2     |
| 185  | 50 | 74 | 505 | 840524 | 0.04  | 2.21 | 0.61 | 0.99 | 0.02 | 0.04 | 2.7 | 408  | 0.11 | 0.07 | 9  |    | 5 | 49  | 23 | 4  | 14 | 2     |
| 186  | 50 | 74 | 505 | 840525 | 0.04  | 1.63 | 0.42 | 0.69 | 0.02 | 0.02 | 2.1 | 232  | 0.10 | 0.07 | 7  |    | 4 | 36  | 19 | 3  | 11 | 2     |
| 187  | 50 | 74 | 505 | 840526 | 0.01  | 1.47 | 0.59 | 0.67 | 0.02 | 0.01 | 2.2 | 249  | 0.08 | 0.06 | 7  |    | 5 | 34  | 16 | 2  | 10 | 2     |
| 188  | 50 | 74 | 505 | 840528 | 0.01  | 2.73 | 0.59 | 1.03 | 0.02 | 0.02 | 4.1 | 368  | 0.09 | 0.07 | 8  |    | 7 | 47  | 26 | 3  | 11 | 2     |
| 189  | 50 | 74 | 505 | 840530 | 0.08  | 2.50 | 0.30 | 0.49 | 0.01 | 0.02 | 2.4 | 250  | 0.07 | 0.08 | 8  |    | 6 | 36  | 17 | 3  | 11 | 2     |
| 190  | 50 | 74 | 505 | 840531 | 0.03  | 1.87 | 0.30 | 0.69 | 0.01 | 0.02 | 2.4 | 244  | 0.10 | 0.07 | 6  |    | 5 | 38  | 18 | 3  | 8  | 2     |
| 191  | 50 | 74 | 505 | 840532 | 0.04  | 3.76 | 1.09 | 0.57 | 0.01 | 0.03 | 3.7 | 884  | 0.03 | 0.22 | 35 |    | 7 | 46  | 26 | 12 | 48 | 2     |
| 192  | 50 | 74 | 505 | 840533 | 0.01  | 2.21 | 0.42 | 1.37 | 0.01 | 0.04 | 3.7 | 990  | 0.09 | 0.06 | 5  |    | 8 | 87  | 21 | 2  | 6  | 2     |
| 193  | 50 | 74 | 505 | 840534 | 0.01  | 2.57 | 0.58 | 1.68 | 0.01 | 0.03 | 3.7 | 817  | 0.07 | 0.11 | 7  |    | 7 | 113 | 22 | 2  | 9  | 2     |
| 194  | 50 | 74 | 505 | 840535 | 0.01  | 2.04 | 0.67 | 1.53 | 0.01 | 0.05 | 3.2 | 711  | 0.07 | 0.11 | 6  |    | 6 | 95  | 20 | 2  | 8  | 2     |
| 195  | 50 | 74 | 505 | 840536 | 0.01  | 2.52 | 0.52 | 1.65 | 0.01 | 0.02 | 3.7 | 599  | 0.06 | 0.12 | 8  |    | 6 | 115 | 20 | 2  | 9  | 2     |
| 196  | 50 | 74 | 505 | 840538 | 0.11  | 2.95 | 0.21 | 0.66 | 0.01 | 0.01 | 2.9 | 190  | 0.12 | 0.07 | 5  |    | 5 | 42  | 22 | 5  | 6  | 2     |
| 197  | 50 | 74 | 505 | 840539 | 0.01  | 1.74 | 0.26 | 0.55 | 0.01 | 0.01 | 3.0 | 230  | 0.10 | 0.05 | 6  |    | 5 | 37  | 21 | 3  | 7  | 2     |
| 198  | 50 | 74 | 505 | 840540 | 0.01  | 1.87 | 0.39 | 0.67 | 0.01 | 0.01 | 3.8 | 616  | 0.10 | 0.06 | 6  |    | 6 | 46  | 23 | 2  | 7  | 2     |
| 199  | 50 | 74 | 505 | 840541 | 0.06  | 2.39 | 0.35 | 0.67 | 0.02 | 0.01 | 2.4 | 247  | 0.09 | 0.09 | 7  |    | 5 | 43  | 18 | 2  | 9  | 2     |
| 200  | 50 | 74 | 505 | 840543 | 0.04  | 2.70 | 0.40 | 1.58 | 0.01 | 0.03 | 6.1 | 732  | 0.09 | 0.09 | 7  |    | 8 | 44  | 26 | 3  | 8  | 2     |
| 201  | 50 | 74 | 505 | 840545 | 0.01  | 2.28 | 0.32 | 1.44 | 0.01 | 0.04 | 4.6 | 925  | 0.08 | 0.07 | 6  |    | 8 | 36  | 23 | 2  | 6  | 2     |
| 202  | 50 | 74 | 505 | 840548 | 0.01  | 2.59 | 0.40 | 1.44 | 0.01 | 0.02 | 3.0 | 421  | 0.08 | 0.09 | 8  |    | 5 | 50  | 20 | 2  | 10 | 2     |
| 203  | 50 | 74 | 505 | 840550 | 0.01  | 1.46 | 0.17 | 0.31 | 0.01 | 0.01 | 2.9 | 1060 | 0.07 | 0.14 | 6  |    | 6 | 48  | 17 | 2  | 7  | 2     |
| 204  | 50 | 74 | 505 | 840551 | 0.05  | 2.52 | 0.24 | 1.38 | 0.01 | 0.03 | 5.6 | 930  | 0.09 | 0.09 | 7  |    | 7 | 35  | 26 | 4  | 8  | 2     |
| 205  | 50 | 74 | 505 | 840552 | 0.06  | 2.86 | 0.33 | 0.73 | 0.01 | 0.02 | 2.7 | 541  | 0.07 | 0.10 | 6  |    | 4 | 37  | 18 | 2  | 8  | 2     |
| 206  | 50 | 74 | 505 | 840553 | 0.04  | 2.25 | 0.31 | 0.65 | 0.01 | 0.01 | 2.5 | 312  | 0.07 | 0.11 | 7  |    | 4 | 37  | 16 | 2  | 9  | 2     |
| 207  | 50 | 74 | 505 | 840554 | 0.01  | 1.91 | 0.48 | 0.91 | 0.02 | 0.02 | 1.8 | 272  | 0.04 | 0.12 | 13 |    | 4 | 50  | 13 | 2  | 14 | 2     |
| 208  | 50 | 74 | 505 | 840555 | 0.02  | 1.63 | 0.40 | 0.66 | 0.02 | 0.02 | 2.6 | 396  | 0.08 | 0.10 | 8  |    | 5 | 48  | 18 | 2  | 13 | 2     |
| 209  | 50 | 74 | 505 | 840556 | 0.01  | 1.81 | 0.25 | 0.56 | 0.01 | 0.01 | 2.6 | 236  | 0.11 | 0.06 | 6  |    | 5 | 39  | 21 | 3  | 9  | 2     |
| 210  | 50 | 74 | 505 | 840557 | 0.02  | 2.87 | 0.24 | 0.48 | 0.01 | 0.01 | 3.0 | 163  | 0.07 | 0.09 | 6  |    | 5 | 42  | 18 | 3  | 8  | 2     |
| 211  | 50 | 74 | 505 | 840558 | 0.04  | 1.66 | 0.30 | 0.58 | 0.01 | 0.01 | 2.1 | 202  | 0.09 | 0.07 | 6  |    | 3 | 34  | 16 | 3  | 9  | 2     |
| 212  | 50 | 74 | 505 | 840559 | 0.02  | 2.37 | 0.28 | 0.72 | 0.01 | 0.01 | 3.2 | 248  | 0.12 | 0.09 | 6  |    | 5 | 46  | 20 | 4  | 7  | 2     |
| 213  | 50 | 74 | 505 | 840560 | 0.08  | 2.79 | 0.30 | 0.58 | 0.02 | 0.01 | 2.9 | 232  | 0.11 | 0.09 | 6  |    | 5 | 36  | 22 | 6  | 7  | 2     |
| 214  | 50 | 74 | 505 | 840561 | 0.01  | 2.34 | 0.09 | 0.26 | 0.01 | 0.01 | 3.2 | 128  | 0.16 | 0.07 | 8  |    | 6 | 30  | 27 | 5  | 10 | 2     |
| 215  | 50 | 74 | 505 | 840562 | 0.01  | 2.60 | 0.15 | 0.82 | 0.01 | 0.05 | 3.8 | 254  | 0.14 | 0.08 | 5  |    | 6 | 29  | 24 | 3  | 5  | 2     |
| 216  | 50 | 74 | 505 | 840563 | 0.02  | 2.11 | 0.21 | 0.47 | 0.01 | 0.01 | 3.1 | 208  | 0.10 | 0.08 | 5  |    | 5 | 35  | 19 | 3  | 6  | 2     |

| RECD | TY | YE | PRJ | ID     | SI02% | Al%  | Ca%  | Mg%  | Na%  | K%   | Fe%  | Mn   | Ti%  | P%   | La | In | B  | Cr  | Nb  | Zr | Ce | ICPAU |
|------|----|----|-----|--------|-------|------|------|------|------|------|------|------|------|------|----|----|----|-----|-----|----|----|-------|
| 271  | 50 | 74 | 505 | 841072 | 0.15  | 6.00 | 1.35 | 3.60 | 0.15 | 0.15 | 1.8  | 2430 | 0.45 | 0.15 | 3  |    | 45 | 270 | 15  | 3  | 3  | 3     |
| 272  | 50 | 74 | 505 | 841073 | 0.15  | 6.90 | 1.50 | 2.70 | 0.15 | 0.15 | 8.8  | 195  | 0.60 | 0.15 | 3  |    | 3  | 150 | 15  | 3  | 3  | 3     |
| 273  | 50 | 74 | 505 | 841075 | 0.06  | 2.90 | 0.41 | 1.04 | 0.02 | 0.01 | 3.2  | 335  | 0.17 | 0.07 | 7  |    | 6  | 50  | 26  | 5  | 1  | 2     |
| 274  | 50 | 74 | 505 | 841076 | 0.01  | 2.07 | 0.26 | 0.86 | 0.01 | 0.02 | 2.9  | 295  | 0.13 | 0.04 | 5  |    | 8  | 63  | 22  | 2  | 7  | 2     |
| 275  | 50 | 74 | 505 | 841077 | 0.15  | 6.15 | 1.35 | 2.40 | 0.15 | 0.15 | 7.8  | 720  | 0.45 | 0.15 | 3  |    | 60 | 135 | 15  | 3  | 45 | 3     |
| 276  | 50 | 74 | 505 | 841078 | 0.12  | 2.72 | 3.12 | 8.64 | 0.12 | 0.36 | 28.3 | 5004 | 0.72 | 0.60 | 48 |    | 84 | 492 | 156 | 2  | 72 | 2     |
| 277  | 50 | 74 | 505 | 841080 | 0.01  | 2.82 | 0.40 | 1.76 | 0.01 | 0.02 | 3.3  | 320  | 0.11 | 0.17 | 6  |    | 7  | 216 | 22  | 3  | 8  | 2     |
| 278  | 50 | 74 | 505 | 841081 | 0.02  | 2.47 | 0.25 | 1.22 | 0.01 | 0.03 | 5.0  | 686  | 0.11 | 0.07 | 6  |    | 9  | 46  | 25  | 3  | 7  | 2     |
| 279  | 50 | 74 | 505 | 841082 | 0.01  | 1.14 | 0.23 | 0.71 | 0.01 | 0.01 | 2.3  | 485  | 0.05 | 0.04 | 3  |    | 4  | 2   | 1   | 2  | 5  | 2     |
| 280  | 50 | 74 | 505 | 841083 | 0.01  | 1.22 | 0.18 | 0.48 | 0.01 | 0.01 | 2.1  | 259  | 0.06 | 0.03 | 3  |    | 4  | 19  | 14  | 2  | 5  | 2     |
| 281  | 50 | 74 | 505 | 841084 | 0.10  | 1.80 | 0.40 | 1.10 | 0.10 | 0.10 | 4.4  | 350  | 0.20 | 0.10 | 2  |    | 2  | 40  | 3   | 2  | 2  | 2     |
| 282  | 50 | 74 | 505 | 841085 | 0.01  | 2.31 | 0.23 | 1.38 | 0.01 | 0.02 | 6.2  | 653  | 0.10 | 0.07 | 6  |    | 11 | 36  | 26  | 3  | 5  | 2     |
| 283  | 50 | 74 | 505 | 841086 | 0.01  | 2.45 | 0.20 | 1.25 | 0.01 | 0.02 | 6.4  | 405  | 0.13 | 0.07 | 6  |    | 10 | 34  | 26  | 4  | 5  | 2     |
| 284  | 50 | 74 | 505 | 841087 | 0.05  | 3.36 | 0.31 | 0.97 | 0.02 | 0.02 | 3.7  | 335  | 0.11 | 0.05 | 7  |    | 7  | 40  | 22  | 4  | 9  | 2     |
| 285  | 50 | 74 | 505 | 841088 | 0.03  | 2.79 | 0.32 | 0.82 | 0.01 | 0.01 | 3.6  | 279  | 0.10 | 0.07 | 6  |    | 7  | 36  | 21  | 3  | 7  | 2     |
| 286  | 50 | 74 | 505 | 841089 | 0.01  | 2.36 | 0.25 | 1.34 | 0.01 | 0.01 | 5.4  | 542  | 0.09 | 0.08 | 5  |    | 9  | 37  | 24  | 3  | 5  | 2     |
| 287  | 50 | 74 | 505 | 841090 | 0.01  | 2.19 | 0.19 | 1.07 | 0.01 | 0.01 | 5.2  | 451  | 0.16 | 0.05 | 6  |    | 8  | 35  | 27  | 5  | 5  | 2     |
| 288  | 50 | 74 | 505 | 841092 | 0.01  | 1.57 | 0.22 | 0.93 | 0.01 | 0.02 | 3.2  | 346  | 0.12 | 0.04 | 4  |    | 6  | 29  | 20  | 2  | 4  | 2     |
| 289  | 50 | 74 | 505 | 841093 | 0.03  | 3.03 | 0.22 | 1.26 | 0.01 | 0.02 | 5.9  | 477  | 0.15 | 0.07 | 6  |    | 10 | 39  | 27  | 4  | 6  | 2     |
| 290  | 50 | 74 | 505 | 841094 | 0.04  | 2.74 | 0.25 | 1.12 | 0.01 | 0.02 | 5.4  | 595  | 0.10 | 0.07 | 6  |    | 8  | 31  | 22  | 3  | 6  | 2     |
| 291  | 50 | 74 | 505 | 841095 | 0.01  | 5.13 | 0.89 | 1.31 | 0.23 | 0.01 | 4.4  | 594  | 0.09 | 0.10 | 8  |    | 8  | 25  | 24  | 5  | 12 | 2     |
| 292  | 50 | 74 | 505 | 841096 | 0.01  | 2.25 | 0.22 | 0.98 | 0.01 | 0.02 | 5.1  | 457  | 0.17 | 0.06 | 7  |    | 8  | 44  | 30  | 5  | 8  | 2     |
| 293  | 50 | 74 | 505 | 841097 | 0.01  | 2.04 | 0.24 | 0.72 | 0.01 | 0.02 | 4.1  | 219  | 0.21 | 0.05 | 6  |    | 6  | 27  | 31  | 4  | 6  | 2     |
| 294  | 50 | 74 | 505 | 841098 | 0.01  | 2.48 | 0.26 | 1.37 | 0.01 | 0.02 | 5.2  | 501  | 0.10 | 0.07 | 6  |    | 9  | 41  | 23  | 3  | 6  | 2     |
| 295  | 50 | 74 | 505 | 841099 | 0.01  | 2.25 | 0.19 | 1.15 | 0.01 | 0.01 | 5.5  | 381  | 0.11 | 0.07 | 5  |    | 8  | 36  | 24  | 3  | 5  | 2     |
| 296  | 50 | 74 | 505 | 841100 | 0.07  | 3.05 | 0.20 | 1.25 | 0.01 | 0.02 | 5.0  | 487  | 0.13 | 0.09 | 7  |    | 8  | 44  | 27  | 7  | 9  | 2     |
| 297  | 50 | 74 | 505 | 841101 | 0.04  | 3.36 | 0.18 | 1.30 | 0.01 | 0.03 | 5.1  | 517  | 0.15 | 0.06 | 8  |    | 9  | 59  | 29  | 10 | 13 | 2     |
| 298  | 50 | 74 | 505 | 841103 | 0.01  | 2.34 | 0.14 | 0.90 | 0.01 | 0.01 | 5.1  | 350  | 0.11 | 0.07 | 6  |    | 9  | 30  | 22  | 3  | 5  | 2     |
| 299  | 50 | 74 | 505 | 841104 | 0.15  | 7.50 | 1.05 | 4.65 | 0.15 | 0.15 | 16.3 | 260  | 0.30 | 0.30 | 3  |    | 3  | 135 | 105 | 3  | 3  | 3     |
| 300  | 50 | 74 | 505 | 841105 | 0.03  | 2.17 | 0.22 | 1.29 | 0.01 | 0.03 | 5.2  | 614  | 0.08 | 0.09 | 6  |    | 9  | 34  | 22  | 3  | 6  | 2     |
| 301  | 50 | 74 | 505 | 841106 | 0.03  | 2.10 | 0.30 | 1.38 | 0.01 | 0.04 | 4.8  | 831  | 0.09 | 0.08 | 7  |    | 9  | 34  | 23  | 3  | 7  | 2     |
| 302  | 50 | 74 | 505 | 841107 | 0.01  | 1.51 | 0.23 | 0.48 | 0.01 | 0.01 | 2.5  | 170  | 0.11 | 0.05 | 6  |    | 6  | 33  | 19  | 2  | 7  | 2     |
| 303  | 50 | 74 | 505 | 841108 | 0.02  | 2.16 | 0.29 | 1.35 | 0.01 | 0.02 | 5.0  | 709  | 0.09 | 0.07 | 6  |    | 9  | 36  | 21  | 3  | 6  | 2     |
| 304  | 50 | 74 | 505 | 841109 | 0.01  | 1.70 | 0.27 | 0.61 | 0.01 | 0.01 | 3.9  | 217  | 0.10 | 0.08 | 8  |    | 9  | 47  | 22  | 3  | 8  | 2     |
| 305  | 50 | 74 | 505 | 841110 | 0.03  | 1.87 | 0.31 | 1.26 | 0.01 | 0.05 | 4.4  | 757  | 0.09 | 0.08 | 6  |    | 8  | 42  | 20  | 3  | 7  | 2     |
| 306  | 50 | 74 | 505 | 841111 | 0.03  | 2.52 | 0.32 | 0.71 | 0.02 | 0.02 | 3.3  | 229  | 0.12 | 0.06 | 7  |    | 7  | 46  | 22  | 4  | 8  | 2     |
| 307  | 50 | 74 | 505 | 841112 | 0.04  | 2.27 | 0.32 | 1.37 | 0.01 | 0.05 | 5.0  | 887  | 0.08 | 0.09 | 7  |    | 9  | 44  | 24  | 3  | 8  | 2     |
| 308  | 60 | 74 | 505 | 851034 | 0.06  | 2.69 | 0.40 | 1.26 | 0.02 | 0.05 | 4.3  | 985  | 0.12 | 0.08 | 6  |    | 7  | 48  | 24  | 3  | 7  | 2     |
| 309  | 50 | 74 | 505 | 851036 | 0.03  | 2.46 | 0.44 | 1.29 | 0.02 | 0.04 | 3.2  | 484  | 0.13 | 0.06 | 6  |    | 8  | 56  | 22  | 3  | 7  | 2     |
| 310  | 60 | 74 | 505 | 851037 | 0.02  | 3.06 | 0.32 | 1.33 | 0.02 | 0.03 | 5.1  | 957  | 0.13 | 0.08 | 8  |    | 11 | 54  | 26  | 4  | 10 | 2     |
| 311  | 60 | 74 | 505 | 851038 | 0.05  | 3.56 | 0.38 | 1.42 | 0.02 | 0.04 | 4.2  | 831  | 0.15 | 0.07 | 6  |    | 9  | 66  | 26  | 4  | 8  | 2     |
| 312  | 60 | 74 | 505 | 851040 | 0.03  | 3.23 | 0.39 | 1.48 | 0.02 | 0.05 | 3.6  | 876  | 0.17 | 0.06 | 6  |    | 7  | 64  | 28  | 3  | 9  | 2     |
| 313  | 50 | 74 | 505 | 851041 | 0.01  | 2.45 | 0.26 | 0.94 | 0.02 | 0.02 | 3.5  | 323  | 0.18 | 0.03 | 6  |    | 6  | 46  | 29  | 4  | 8  | 2     |
| 314  | 50 | 74 | 505 | 851042 | 0.01  | 2.65 | 0.27 | 1.30 | 0.01 | 0.02 | 4.0  | 455  | 0.16 | 0.04 | 6  |    | 7  | 65  | 27  | 3  | 7  | 2     |
| 315  | 50 | 74 | 505 | 851043 | 0.01  | 2.55 | 0.50 | 1.58 | 0.01 | 0.03 | 3.4  | 611  | 0.10 | 0.06 | 8  |    | 7  | 54  | 21  | 3  | 11 | 2     |
| 316  | 50 | 74 | 505 | 851044 | 0.01  | 2.74 | 0.51 | 1.61 | 0.01 | 0.02 | 4.1  | 704  | 0.05 | 0.07 | 7  |    | 9  | 52  | 19  | 2  | 8  | 2     |
| 317  | 50 | 74 | 505 | 851045 | 0.01  | 2.67 | 0.92 | 2.43 | 0.01 | 0.13 | 3.2  | 725  | 0.10 | 0.28 | 9  |    | 6  | 291 | 26  | 3  | 14 | 2     |
| 318  | 50 | 74 | 505 | 851046 | 0.01  | 2.64 | 0.31 | 1.08 | 0.01 | 0.01 | 5.2  | 409  | 0.12 | 0.06 | 7  |    | 9  | 62  | 27  | 5  | 11 | 2     |
| 319  | 50 | 74 | 505 | 851050 | 0.01  | 3.02 | 0.28 | 1.12 | 0.01 | 0.02 | 4.5  | 331  | 0.11 | 0.09 | 7  |    | 9  | 65  | 24  | 4  | 8  | 2     |
| 320  | 50 | 74 | 505 | 851051 | 0.01  | 3.23 | 0.41 | 1.29 | 0.01 | 0.05 | 4.8  | 1142 | 0.07 | 0.13 | 13 |    | 9  | 76  | 23  | 4  | 13 | 2     |
| 321  | 50 | 74 | 505 | 851052 | 0.01  | 2.76 | 0.30 | 1.34 | 0.01 | 0.02 | 4.6  | 394  | 0.15 | 0.05 | 7  |    | 8  | 75  | 28  | 4  | 9  | 2     |
| 322  | 50 | 74 | 505 | 851053 | 0.01  | 3.25 | 0.28 | 1.01 | 0.01 | 0.01 | 4.5  | 370  | 0.14 | 0.07 | 7  |    | 8  | 67  | 26  | 6  | 8  | 2     |
| 323  | 60 | 74 | 505 | 851054 | 0.04  | 3.72 | 0.59 | 1.37 | 0.01 | 0.03 | 3.8  | 480  | 0.12 | 0.05 | 6  |    | 7  | 57  | 24  | 4  | 7  | 2     |
| 324  | 60 | 74 | 505 | 851056 | 0.05  | 3.41 | 0.35 | 1.76 | 0.01 | 0.03 | 3.9  | 656  | 0.12 | 0.05 | 6  |    | 8  | 53  | 24  | 4  | 7  | 2     |

| RECD | TY | YE | PRJ | ID     | SI02% | A1%   | Ca%  | Mg%   | Na%  | K%   | Fe%  | Mn   | T1%  | P%   | La | In | B  | Cr   | Nb  | Zr | Ce | ICPAu |
|------|----|----|-----|--------|-------|-------|------|-------|------|------|------|------|------|------|----|----|----|------|-----|----|----|-------|
| 325  | 60 | 74 | 505 | 851057 | 0.04  | 2.60  | 0.36 | 1.18  | 0.02 | 0.04 | 3.3  | 531  | 0.14 | 0.06 | 6  |    | 7  | 55   | 24  | 3  | 8  | 2     |
| 326  | 60 | 74 | 505 | 851058 | 0.04  | 2.48  | 0.37 | 1.26  | 0.02 | 0.02 | 3.3  | 599  | 0.12 | 0.06 | 6  |    | 6  | 49   | 23  | 4  | 8  | 2     |
| 327  | 60 | 74 | 505 | 851059 | 0.06  | 3.03  | 0.38 | 1.11  | 0.02 | 0.02 | 3.3  | 409  | 0.14 | 0.06 | 6  |    | 7  | 54   | 24  | 5  | 9  | 2     |
| 328  | 60 | 74 | 505 | 851060 | 0.02  | 3.68  | 0.21 | 1.12  | 0.01 | 0.02 | 5.1  | 936  | 0.07 | 0.06 | 9  |    | 12 | 38   | 22  | 4  | 12 | 2     |
| 329  | 60 | 74 | 505 | 851061 | 0.15  | 9.00  | 1.05 | 3.90  | 0.15 | 0.15 | 13.2 | 2010 | 0.75 | 0.15 | 3  |    | 60 | 20   | 135 | 3  | 45 | 3     |
| 330  | 60 | 74 | 505 | 851062 | 0.01  | 3.20  | 0.39 | 1.40  | 0.02 | 0.05 | 3.9  | 611  | 0.14 | 0.09 | 7  |    | 17 | 50   | 26  | 3  | 11 | 2     |
| 331  | 50 | 74 | 505 | 851065 | 0.09  | 3.59  | 0.66 | 1.35  | 0.01 | 0.07 | 3.6  | 520  | 0.08 | 0.13 | 12 |    | 9  | 91   | 19  | 3  | 10 | 2     |
| 332  | 60 | 74 | 505 | 851066 | 0.02  | 2.01  | 0.33 | 0.99  | 0.01 | 0.09 | 3.3  | 416  | 0.08 | 0.09 | 5  |    | 8  | 33   | 15  | 2  | 3  | 2     |
| 333  | 60 | 74 | 505 | 851067 | 0.02  | 2.66  | 0.32 | 0.70  | 0.02 | 0.04 | 3.8  | 476  | 0.12 | 0.10 | 8  |    | 12 | 42   | 14  | 4  | 6  | 4     |
| 334  | 60 | 74 | 505 | 851068 | 0.01  | 1.73  | 0.27 | 0.64  | 0.01 | 0.03 | 3.3  | 384  | 0.12 | 0.06 | 7  |    | 10 | 36   | 17  | 3  | 6  | 2     |
| 335  | 60 | 74 | 505 | 851069 | 0.05  | 2.65  | 0.30 | 1.35  | 0.05 | 0.10 | 4.8  | 410  | 0.20 | 0.10 | 2  |    | 20 | 40   | 15  | 2  | 2  | 2     |
| 336  | 60 | 74 | 505 | 851070 | 0.01  | 1.99  | 0.28 | 0.83  | 0.01 | 0.05 | 3.4  | 302  | 0.09 | 0.09 | 5  |    | 9  | 26   | 16  | 2  | 4  | 2     |
| 337  | 60 | 74 | 505 | 851071 | 0.01  | 1.95  | 0.21 | 0.73  | 0.01 | 0.05 | 3.9  | 315  | 0.11 | 0.09 | 5  |    | 11 | 32   | 17  | 3  | 3  | 2     |
| 338  | 60 | 74 | 505 | 851072 | 0.02  | 2.08  | 0.25 | 1.05  | 0.01 | 0.06 | 3.6  | 638  | 0.09 | 0.08 | 5  |    | 9  | 52   | 15  | 3  | 3  | 2     |
| 339  | 60 | 74 | 505 | 851073 | 0.02  | 2.38  | 0.18 | 1.00  | 0.02 | 0.16 | 4.4  | 348  | 0.16 | 0.10 | 6  |    | 12 | 22   | 20  | 4  | 4  | 4     |
| 340  | 60 | 74 | 505 | 851074 | 0.03  | 2.07  | 0.32 | 0.93  | 0.01 | 0.07 | 3.7  | 551  | 0.10 | 0.09 | 5  |    | 10 | 24   | 16  | 4  | 4  | 2     |
| 341  | 60 | 74 | 505 | 851075 | 0.02  | 1.94  | 0.20 | 1.14  | 0.02 | 0.16 | 4.5  | 354  | 0.22 | 0.14 | 6  |    | 10 | 54   | 24  | 8  | 4  | 4     |
| 342  | 60 | 74 | 505 | 851076 | 0.01  | 2.65  | 0.29 | 2.33  | 0.01 | 0.22 | 4.2  | 836  | 0.13 | 0.12 | 5  |    | 10 | 224  | 22  | 6  | 4  | 2     |
| 343  | 60 | 74 | 505 | 851077 | 0.05  | 2.06  | 0.25 | 1.00  | 0.01 | 0.19 | 6.0  | 1374 | 0.12 | 0.15 | 5  |    | 13 | 25   | 25  | 6  | 3  | 2     |
| 344  | 60 | 74 | 505 | 851078 | 0.02  | 1.76  | 0.24 | 1.12  | 0.01 | 0.13 | 4.9  | 913  | 0.08 | 0.10 | 4  |    | 10 | 16   | 18  | 3  | 2  | 2     |
| 345  | 60 | 74 | 505 | 851079 | 0.02  | 1.80  | 0.20 | 0.94  | 0.02 | 0.08 | 3.3  | 442  | 0.10 | 0.08 | 4  |    | 8  | 54   | 12  | 4  | 4  | 4     |
| 346  | 60 | 74 | 505 | 851080 | 0.01  | 2.10  | 0.23 | 1.00  | 0.01 | 0.06 | 3.3  | 414  | 0.08 | 0.07 | 4  |    | 8  | 40   | 15  | 2  | 2  | 2     |
| 347  | 60 | 74 | 505 | 851081 | 0.01  | 1.80  | 0.18 | 1.00  | 0.01 | 0.05 | 3.8  | 385  | 0.11 | 0.07 | 4  |    | 8  | 36   | 15  | 2  | 2  | 2     |
| 348  | 60 | 74 | 505 | 851082 | 0.01  | 1.84  | 0.14 | 0.89  | 0.01 | 0.06 | 3.7  | 339  | 0.11 | 0.09 | 4  |    | 7  | 28   | 18  | 3  | 2  | 2     |
| 349  | 60 | 74 | 505 | 851083 | 0.01  | 2.05  | 0.15 | 1.18  | 0.01 | 0.15 | 3.7  | 444  | 0.11 | 0.09 | 3  |    | 9  | 22   | 19  | 2  | 2  | 2     |
| 350  | 60 | 74 | 505 | 851084 | 0.01  | 1.67  | 0.15 | 0.78  | 0.01 | 0.05 | 2.7  | 257  | 0.10 | 0.08 | 4  |    | 6  | 40   | 13  | 2  | 2  | 2     |
| 351  | 60 | 74 | 505 | 851085 | 0.01  | 1.90  | 0.48 | 1.22  | 0.01 | 0.04 | 3.8  | 575  | 0.05 | 0.08 | 4  |    | 8  | 49   | 13  | 2  | 4  | 2     |
| 352  | 50 | 74 | 505 | 851086 | 0.02  | 2.02  | 0.16 | 1.06  | 0.02 | 0.06 | 7.7  | 362  | 0.20 | 0.16 | 8  |    | 18 | 56   | 34  | 6  | 2  | 2     |
| 353  | 50 | 74 | 505 | 851087 | 0.02  | 2.74  | 0.09 | 0.69  | 0.01 | 0.06 | 4.3  | 190  | 0.11 | 0.08 | 7  |    | 9  | 48   | 17  | 5  | 7  | 2     |
| 354  | 50 | 74 | 505 | 851088 | 0.01  | 1.94  | 0.39 | 1.46  | 0.01 | 0.12 | 2.7  | 384  | 0.08 | 0.16 | 6  |    | 6  | 170  | 15  | 2  | 6  | 2     |
| 355  | 50 | 74 | 505 | 851089 | 0.01  | 2.56  | 0.49 | 2.09  | 0.01 | 0.29 | 3.0  | 434  | 0.12 | 0.19 | 7  |    | 7  | 277  | 21  | 4  | 8  | 2     |
| 356  | 50 | 74 | 505 | 851090 | 0.01  | 2.78  | 0.49 | 2.15  | 0.01 | 0.06 | 3.3  | 337  | 0.10 | 0.16 | 6  |    | 7  | 294  | 19  | 2  | 6  | 2     |
| 357  | 50 | 74 | 505 | 851091 | 0.02  | 2.33  | 0.03 | 1.85  | 0.01 | 0.09 | 9.6  | 1444 | 0.02 | 0.12 | 9  |    | 17 | 107  | 19  | 5  | 6  | 2     |
| 358  | 60 | 74 | 505 | 851092 | 0.10  | 4.10  | 0.40 | 4.00  | 0.10 | 0.10 | 5.8  | 1220 | 0.10 | 0.10 | 2  |    | 30 | 370  | 2   | 2  | 2  | 2     |
| 359  | 60 | 74 | 505 | 851093 | 0.03  | 3.09  | 0.21 | 1.62  | 0.01 | 0.05 | 3.9  | 978  | 0.07 | 0.09 | 8  |    | 9  | 97   | 18  | 5  | 12 | 2     |
| 360  | 60 | 74 | 505 | 851094 | 0.01  | 3.17  | 0.28 | 2.08  | 0.01 | 0.05 | 4.5  | 1100 | 0.08 | 0.07 | 6  |    | 9  | 106  | 20  | 3  | 6  | 2     |
| 361  | 60 | 74 | 505 | 851095 | 0.01  | 2.46  | 0.15 | 0.91  | 0.01 | 0.02 | 3.4  | 477  | 0.07 | 0.08 | 6  |    | 9  | 40   | 14  | 2  | 6  | 2     |
| 362  | 60 | 74 | 505 | 851096 | 0.01  | 2.82  | 0.26 | 1.05  | 0.01 | 0.03 | 3.8  | 889  | 0.03 | 0.15 | 9  |    | 10 | 45   | 13  | 2  | 11 | 2     |
| 363  | 60 | 74 | 505 | 851097 | 0.01  | 2.78  | 0.26 | 1.14  | 0.02 | 0.03 | 4.0  | 699  | 0.11 | 0.07 | 7  |    | 9  | 79   | 18  | 3  | 6  | 2     |
| 364  | 50 | 74 | 505 | 851098 | 0.01  | 2.74  | 1.21 | 3.08  | 0.01 | 0.17 | 3.2  | 484  | 0.14 | 0.26 | 7  |    | 11 | 489  | 26  | 2  | 9  | 2     |
| 365  | 60 | 74 | 505 | 851099 | 0.01  | 3.18  | 0.76 | 3.25  | 0.01 | 0.81 | 3.5  | 653  | 0.16 | 0.22 | 7  |    | 8  | 407  | 25  | 3  | 8  | 2     |
| 366  | 50 | 74 | 505 | 851100 | 0.01  | 2.81  | 0.60 | 2.32  | 0.01 | 0.37 | 3.2  | 601  | 0.13 | 0.19 | 7  |    | 7  | 300  | 22  | 2  | 8  | 2     |
| 367  | 50 | 74 | 505 | 851101 | 0.01  | 2.16  | 0.65 | 1.75  | 0.01 | 0.08 | 3.1  | 354  | 0.10 | 0.12 | 7  |    | 11 | 200  | 25  | 2  | 8  | 2     |
| 368  | 50 | 74 | 505 | 851102 | 0.02  | 2.28  | 0.72 | 2.39  | 0.01 | 0.44 | 3.0  | 405  | 0.11 | 0.24 | 9  |    | 11 | 358  | 26  | 2  | 10 | 2     |
| 369  | 50 | 74 | 505 | 851103 | 0.12  | 14.40 | 4.20 | 14.88 | 0.12 | 1.80 | 19.0 | 3192 | 0.84 | 0.96 | 48 |    | 84 | 2064 | 204 | 2  | 60 | 2     |
| 370  | 50 | 74 | 505 | 851104 | 0.02  | 2.55  | 1.05 | 3.14  | 0.01 | 0.35 | 3.2  | 348  | 0.14 | 0.31 | 11 |    | 12 | 468  | 32  | 3  | 11 | 2     |
| 371  | 50 | 74 | 505 | 851105 | 0.02  | 2.31  | 1.10 | 2.57  | 0.02 | 0.45 | 3.2  | 564  | 0.12 | 0.27 | 9  |    | 12 | 330  | 30  | 3  | 10 | 2     |
| 372  | 50 | 74 | 505 | 851106 | 0.01  | 6.40  | 0.43 | 1.30  | 0.02 | 0.16 | 2.7  | 2812 | 0.10 | 0.12 | 14 |    | 11 | 126  | 26  | 6  | 27 | 2     |
| 373  | 50 | 74 | 505 | 851107 | 0.01  | 4.07  | 0.86 | 1.55  | 0.02 | 0.16 | 3.0  | 1493 | 0.09 | 0.23 | 17 |    | 11 | 192  | 27  | 4  | 24 | 2     |
| 374  | 50 | 74 | 505 | 851108 | 0.03  | 3.93  | 0.63 | 1.66  | 0.01 | 0.13 | 3.6  | 1672 | 0.10 | 0.20 | 20 |    | 12 | 167  | 30  | 4  | 20 | 2     |
| 375  | 50 | 74 | 505 | 851109 | 0.05  | 3.19  | 0.50 | 1.42  | 0.02 | 0.11 | 3.8  | 1640 | 0.09 | 0.15 | 17 |    | 13 | 128  | 31  | 4  | 17 | 2     |
| 376  | 50 | 74 | 505 | 851110 | 0.07  | 3.40  | 0.46 | 1.50  | 0.02 | 0.12 | 3.6  | 2012 | 0.10 | 0.15 | 17 |    | 17 | 126  | 31  | 4  | 21 | 2     |
| 377  | 50 | 74 | 505 | 851111 | 0.06  | 3.67  | 0.39 | 1.25  | 0.01 | 0.06 | 4.9  | 1473 | 0.07 | 0.14 | 15 |    | 16 | 83   | 30  | 4  | 11 | 2     |
| 378  | 50 | 74 | 505 | 851112 | 0.01  | 2.20  | 0.25 | 0.77  | 0.01 | 0.03 | 3.3  | 245  | 0.11 | 0.06 | 7  |    | 12 | 63   | 26  | 2  | 7  | 2     |

| RECD | TY | YE | PRJ | ID     | S102% | Al%  | Ca%  | Mg%  | Na%  | K%   | Fe% | Mn   | T1%  | P%   | La | In | B  | Cr  | Nb | Zr | Ce | ICPAu |
|------|----|----|-----|--------|-------|------|------|------|------|------|-----|------|------|------|----|----|----|-----|----|----|----|-------|
| 379  | 50 | 74 | 505 | 851113 | 0.10  | 4.40 | 1.10 | 2.80 | 0.10 | 0.20 | 4.0 | 1200 | 0.20 | 0.30 | 2  |    | 40 | 330 | 50 | 2  | 3  | 2     |

\* ALL VALUES ARE IN PPM UNLESS INDICATED TO BE IN PERCENT.

Appendix 3  
Summary Statistics for the Geochemical  
Survey on the BIRD Claims.



Soil Survey

ARITHMETIC SUMMARY STATISTICS

TRUNCATED DATA SET

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

| ELEMENTS        | Mo    | Cu      | Pb    | Zn     | Ni    | U    | Mn      | Fe   | Ag    | Co    | Au     |
|-----------------|-------|---------|-------|--------|-------|------|---------|------|-------|-------|--------|
| NO OF SAMPLES   | 104   | 296     | 265   | 295    | 284   | 82   | 297     | 294  | 67    | 270   | 89     |
| DETECTION LIMIT | 1.00  | 2.00    | 2.00  | 2.00   | 2.00  | 2.00 | 10.00   | 0.10 | 0.10  | 2.00  | 5.00   |
| MINIMUM VALUE   | 3.00  | 18.00   | 9.00  | 20.00  | 7.00  | 4.00 | 162.00  | 2.10 | 0.30  | 5.00  | 20.00  |
| MAXIMUM VALUE   | 13.00 | 2640.00 | 28.00 | 175.00 | 84.00 | 8.00 | 1546.00 | 6.40 | 0.40  | 48.00 | 120.00 |
| RANGE           | 10.00 | 2622.00 | 19.00 | 155.00 | 77.00 | 4.00 | 1384.00 | 4.30 | 0.10  | 43.00 | 100.00 |
| MEDIAN          | 5.00  | 75.00   | 13.00 | 43.00  | 14.00 | 5.00 | 375.00  | 3.40 | 0.30  | 10.00 | 20.00  |
| MODE            | 3.00  | 20.00   | 13.00 | 31.00  | 11.00 | 4.00 | 350.00  | 3.20 | 0.30  | 6.00  | 20.00  |
| MEAN            | 6.06  | 225.31  | 13.77 | 53.46  | 19.80 | 5.01 | 467.03  | 3.54 | 0.33  | 13.52 | 31.91  |
| ST DEVIATION    | 2.77  | 360.52  | 3.25  | 32.92  | 15.12 | 1.12 | 285.16  | 0.96 | 0.05  | 9.39  | 22.25  |
| MEAN + 2SD      | 11.60 | 946.35  | 20.27 | 119.29 | 50.05 | 7.25 | 1037.35 | 5.46 | 0.43  | 32.30 | 76.42  |
| COEFF VARIATION | 0.46  | 1.60    | 0.24  | 0.62   | 0.76  | 0.22 | 0.61    | 0.27 | 0.14  | 0.69  | 0.70   |
| SKEWNESS        | 0.64  | 3.17    | 1.11  | 1.67   | 2.09  | 0.94 | 1.62    | 0.81 | 0.73  | 1.78  | 2.40   |
| KURTOSIS        | -0.68 | 12.12   | 1.94  | 2.44   | 4.19  | 0.09 | 2.64    | 0.21 | -1.47 | 3.02  | 5.40   |
| 2.5 PERCENTILE  | 3.00  | 19.00   | 9.00  | 21.00  | 7.00  | 4.00 | 171.00  | 2.10 | 0.30  | 5.00  | 20.00  |
| 5.0 PERCENTILE  | 3.00  | 20.00   | 10.00 | 22.00  | 7.00  | 4.00 | 190.00  | 2.20 | 0.30  | 5.00  | 20.00  |
| 16.5 PERCENTILE | 3.00  | 32.00   | 11.00 | 28.00  | 9.00  | 4.00 | 232.00  | 2.60 | 0.30  | 6.00  | 20.00  |
| 50.0 PERCENTILE | 5.00  | 75.00   | 13.00 | 43.00  | 14.00 | 5.00 | 375.00  | 3.40 | 0.30  | 10.00 | 20.00  |
| 82.2 PERCENTILE | 9.00  | 384.00  | 16.00 | 74.00  | 26.00 | 6.00 | 704.00  | 4.40 | 0.40  | 20.00 | 40.00  |
| 90.0 PERCENTILE | 10.00 | 584.00  | 18.00 | 104.00 | 43.00 | 7.00 | 845.00  | 5.00 | 0.40  | 27.00 | 60.00  |
| 95.0 PERCENTILE | 11.00 | 915.00  | 20.00 | 127.00 | 56.00 | 7.00 | 1028.00 | 5.40 | 0.40  | 35.00 | 90.00  |
| 97.5 PERCENTILE | 12.00 | 1441.00 | 22.00 | 150.00 | 65.00 | 8.00 | 1380.00 | 6.00 | 0.40  | 38.00 | 100.00 |
| 99.0 PERCENTILE | 12.00 | 1636.00 | 24.00 | 165.00 | 76.00 | 8.00 | 1473.00 | 6.20 | 0.40  | 48.00 | 120.00 |

| ELEMENTS        | As    | Sb   | W    | Th   | Cd    | Bi   | V      | Ba     | Sr    | Si%   | Al%  |
|-----------------|-------|------|------|------|-------|------|--------|--------|-------|-------|------|
| NO OF SAMPLES   | 139   | 36   | 11   | 11   | 73    | 54   | 295    | 291    | 287   | 96    | 297  |
| DETECTION LIMIT | 2.00  | 2.00 | 2.00 | 2.00 | 1.00  | 2.00 | 2.00   | 3.00   | 2.00  | 0.01  | 0.01 |
| MINIMUM VALUE   | 4.00  | 4.00 | 3.00 | 3.00 | 2.00  | 3.00 | 54.00  | 36.00  | 15.00 | 0.03  | 1.33 |
| MAXIMUM VALUE   | 12.00 | 6.00 | 4.00 | 4.00 | 15.00 | 4.00 | 195.00 | 270.00 | 78.00 | 0.12  | 4.39 |
| RANGE           | 8.00  | 2.00 | 1.00 | 1.00 | 13.00 | 1.00 | 141.00 | 234.00 | 63.00 | 0.09  | 3.06 |
| MEDIAN          | 5.00  | 4.00 | 0.0  | 0.0  | 2.00  | 3.00 | 80.00  | 74.00  | 27.00 | 0.05  | 2.34 |
| MODE            | 4.00  | 4.00 | 0.0  | 0.0  | 2.00  | 3.00 | 68.00  | 52.00  | 32.00 | 0.04  | 2.74 |
| MEAN            | 6.37  | 4.39 | 0.0  | 0.0  | 2.82  | 3.20 | 82.50  | 90.10  | 29.06 | 0.06  | 2.38 |
| ST DEVIATION    | 2.48  | 0.60 | 0.0  | 0.0  | 2.99  | 0.41 | 18.66  | 50.92  | 11.01 | 0.03  | 0.58 |
| MEAN + 2SD      | 11.33 | 5.59 | 0.0  | 0.0  | 8.80  | 4.02 | 119.81 | 191.94 | 51.08 | 0.12  | 3.55 |
| COEFF VARIATION | 0.39  | 0.14 | 0.0  | 0.0  | 1.06  | 0.13 | 0.23   | 0.57   | 0.38  | 0.51  | 0.24 |
| SKEWNESS        | 0.81  | 1.25 | 0.0  | 0.0  | 3.78  | 1.47 | 1.86   | 1.44   | 1.45  | 0.84  | 0.47 |
| KURTOSIS        | -0.68 | 0.52 | 0.0  | 0.0  | 12.56 | 0.16 | 7.77   | 1.52   | 2.82  | -0.73 | 0.18 |
| 2.5 PERCENTILE  | 4.00  | 4.00 | 0.0  | 0.0  | 2.00  | 3.00 | 55.00  | 39.00  | 16.00 | 0.03  | 1.40 |
| 5.0 PERCENTILE  | 4.00  | 4.00 | 0.0  | 0.0  | 2.00  | 3.00 | 61.00  | 41.00  | 17.00 | 0.03  | 1.47 |
| 16.5 PERCENTILE | 4.00  | 4.00 | 0.0  | 0.0  | 2.00  | 3.00 | 66.00  | 47.00  | 19.00 | 0.03  | 1.80 |
| 50.0 PERCENTILE | 5.00  | 4.00 | 0.0  | 0.0  | 2.00  | 3.00 | 80.00  | 74.00  | 27.00 | 0.05  | 2.34 |
| 82.2 PERCENTILE | 9.00  | 5.00 | 0.0  | 0.0  | 2.00  | 4.00 | 98.00  | 126.00 | 36.00 | 0.10  | 2.86 |
| 90.0 PERCENTILE | 11.00 | 5.00 | 0.0  | 0.0  | 3.00  | 4.00 | 106.00 | 170.00 | 43.00 | 0.12  | 3.18 |
| 95.0 PERCENTILE | 11.00 | 5.00 | 0.0  | 0.0  | 5.00  | 4.00 | 112.00 | 203.00 | 51.00 | 0.12  | 3.40 |
| 97.5 PERCENTILE | 11.00 | 6.00 | 0.0  | 0.0  | 15.00 | 4.00 | 120.00 | 228.00 | 60.00 | 0.12  | 3.59 |
| 99.0 PERCENTILE | 12.00 | 6.00 | 0.0  | 0.0  | 15.00 | 4.00 | 134.00 | 257.00 | 60.00 | 0.12  | 3.93 |

ARITHMETIC SUMMARY STATISTICS TRUNCATED DATA SET

PROPERTY NAME: BIRD CLAIMS      SURVEY TYPE: SOILS      NTS: 940/9  
 PROJECT NAME: TODDOGGONE      PROJECT CODE: 505      PROVINCE: B.C.      YEAR: 1982

| ELEMENTS        | Ca%  | Mg%  | Na%   | K%    | T1%  | P%   | La    | B     | Cr     | Nb    | Zr   |
|-----------------|------|------|-------|-------|------|------|-------|-------|--------|-------|------|
| NO OF SAMPLES   | 292  | 295  | 29    | 147   | 288  | 273  | 282   | 284   | 294    | 286   | 42   |
| DETECTION LIMIT | 0.01 | 0.01 | 0.01  | 0.01  | 0.01 | 0.01 | 2.00  | 3.00  | 3.00   | 3.00  | 3.00 |
| MINIMUM VALUE   | 0.19 | 0.44 | 0.03  | 0.03  | 0.07 | 0.05 | 5.00  | 5.00  | 28.00  | 17.00 | 5.00 |
| MAXIMUM VALUE   | 1.30 | 2.66 | 0.12  | 0.15  | 0.30 | 0.23 | 13.00 | 40.00 | 216.00 | 70.00 | 8.00 |
| RANGE           | 1.11 | 2.22 | 0.09  | 0.12  | 0.23 | 0.18 | 8.00  | 35.00 | 188.00 | 53.00 | 3.00 |
| MEDIAN          | 0.35 | 0.98 | 0.10  | 0.04  | 0.11 | 0.07 | 7.00  | 8.00  | 44.00  | 27.00 | 5.00 |
| MODE            | 0.30 | 1.25 | 0.12  | 0.03  | 0.10 | 0.07 | 6.00  | 8.00  | 44.00  | 26.00 | 5.00 |
| MEAN            | 0.44 | 1.06 | 0.08  | 0.06  | 0.12 | 0.08 | 7.11  | 8.29  | 56.99  | 28.18 | 5.67 |
| ST DEVIATION    | 0.26 | 0.44 | 0.04  | 0.04  | 0.04 | 0.03 | 1.74  | 3.28  | 35.46  | 7.66  | 0.87 |
| MEAN + 2SD      | 0.95 | 1.95 | 0.16  | 0.14  | 0.20 | 0.15 | 10.58 | 14.86 | 127.90 | 43.51 | 7.42 |
| COEFF VARIATION | 0.58 | 0.42 | 0.51  | 0.64  | 0.33 | 0.39 | 0.24  | 0.40  | 0.62   | 0.27  | 0.15 |
| SKEWNESS        | 1.48 | 1.02 | -0.31 | 1.17  | 1.20 | 1.66 | 1.32  | 3.87  | 2.55   | 1.37  | 1.14 |
| KURTOSIS        | 1.52 | 0.97 | -1.77 | -0.03 | 1.96 | 3.27 | 1.79  | 30.28 | 6.88   | 3.62  | 0.41 |
| 2.5 PERCENTILE  | 0.19 | 0.47 | 0.03  | 0.03  | 0.07 | 0.05 | 5.00  | 5.00  | 29.00  | 18.00 | 5.00 |
| 5.0 PERCENTILE  | 0.20 | 0.51 | 0.03  | 0.03  | 0.07 | 0.05 | 5.00  | 5.00  | 31.00  | 18.00 | 5.00 |
| 16.5 PERCENTILE | 0.24 | 0.64 | 0.03  | 0.03  | 0.08 | 0.06 | 6.00  | 6.00  | 35.00  | 21.00 | 5.00 |
| 50.0 PERCENTILE | 0.35 | 0.98 | 0.10  | 0.04  | 0.11 | 0.07 | 7.00  | 8.00  | 44.00  | 27.00 | 5.00 |
| 82.2 PERCENTILE | 0.64 | 1.44 | 0.12  | 0.10  | 0.15 | 0.11 | 8.00  | 10.00 | 70.00  | 34.00 | 6.00 |
| 90.0 PERCENTILE | 0.86 | 1.60 | 0.12  | 0.12  | 0.18 | 0.13 | 9.00  | 11.00 | 103.00 | 37.00 | 7.00 |
| 95.0 PERCENTILE | 1.05 | 1.85 | 0.12  | 0.15  | 0.20 | 0.15 | 11.00 | 13.00 | 126.00 | 42.00 | 7.00 |
| 97.5 PERCENTILE | 1.13 | 2.32 | 0.12  | 0.15  | 0.21 | 0.16 | 12.00 | 16.00 | 192.00 | 46.00 | 8.00 |
| 99.0 PERCENTILE | 1.21 | 2.40 | 0.12  | 0.15  | 0.22 | 0.20 | 13.00 | 18.00 | 204.00 | 52.00 | 8.00 |

| ELEMENTS        | Ce    | ICAu | pH    |
|-----------------|-------|------|-------|
| NO OF SAMPLES   | 247   | 13   | 229   |
| DETECTION LIMIT | 3.00  | 2.00 | 0.10  |
| MINIMUM VALUE   | 5.00  | 3.00 | 4.10  |
| MAXIMUM VALUE   | 16.00 | 4.00 | 5.60  |
| RANGE           | 11.00 | 1.00 | 1.50  |
| MEDIAN          | 8.00  | 0.0  | 4.80  |
| MODE            | 8.00  | 0.0  | 4.80  |
| MEAN            | 8.64  | 0.0  | 4.89  |
| ST DEVIATION    | 2.68  | 0.0  | 0.39  |
| MEAN + 2SD      | 14.01 | 0.0  | 5.68  |
| COEFF VARIATION | 0.31  | 0.0  | 0.08  |
| SKEWNESS        | 0.65  | 0.0  | 0.05  |
| KURTOSIS        | -0.22 | 0.0  | -0.90 |
| 2.5 PERCENTILE  | 5.00  | 0.0  | 4.20  |
| 5.0 PERCENTILE  | 5.00  | 0.0  | 4.20  |
| 16.5 PERCENTILE | 6.00  | 0.0  | 4.50  |
| 50.0 PERCENTILE | 8.00  | 0.0  | 4.80  |
| 82.2 PERCENTILE | 11.00 | 0.0  | 5.30  |
| 90.0 PERCENTILE | 13.00 | 0.0  | 5.40  |
| 95.0 PERCENTILE | 14.00 | 0.0  | 5.50  |
| 97.5 PERCENTILE | 15.00 | 0.0  | 5.60  |
| 99.0 PERCENTILE | 15.00 | 0.0  | 5.60  |

LOGARITHMIC SUMMARY STATISTICS  
 PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9  
 PROJECT NAME: TOODOGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| ELEMENTS        | Mo    | Cu      | Pb    | Zn     | Ni    | U     | Mn      | Fe    | Ag    | Co    | Au     |
|-----------------|-------|---------|-------|--------|-------|-------|---------|-------|-------|-------|--------|
| NO OF SAMPLES   | 104   | 296     | 265   | 295    | 284   | 82    | 297     | 294   | 67    | 270   | 89     |
| DETECTION LIMIT | 1.00  | 2.00    | 2.00  | 2.00   | 2.00  | 2.00  | 10.00   | 0.10  | 0.10  | 2.00  | 5.00   |
| MINIMUM VALUE   | 3.00  | 18.00   | 9.00  | 20.00  | 7.00  | 4.00  | 162.00  | 2.10  | 0.30  | 5.00  | 20.00  |
| MAXIMUM VALUE   | 13.00 | 2640.00 | 28.00 | 175.00 | 84.00 | 8.00  | 1546.00 | 6.40  | 0.40  | 48.00 | 120.00 |
| RANGE           | 10.00 | 2622.00 | 19.00 | 155.00 | 77.00 | 4.00  | 1384.00 | 4.30  | 0.10  | 43.00 | 100.00 |
| MEDIAN          | 5.00  | 75.00   | 13.00 | 43.00  | 14.00 | 5.00  | 375.00  | 3.40  | 0.30  | 10.00 | 20.00  |
| MODE            | 3.00  | 20.00   | 13.00 | 31.00  | 11.00 | 4.00  | 350.00  | 3.20  | 0.30  | 6.00  | 20.00  |
| MEAN            | 5.46  | 99.84   | 13.42 | 46.07  | 16.18 | 4.90  | 401.23  | 3.41  | 0.33  | 11.22 | 27.52  |
| LOG ST DEV      | 0.20  | 0.53    | 0.10  | 0.23   | 0.26  | 0.09  | 0.23    | 0.11  | 0.06  | 0.25  | 0.21   |
| MEAN + 2SD      | 13.65 | 1125.04 | 20.98 | 131.27 | 53.04 | 7.45  | 1171.02 | 5.77  | 0.43  | 36.16 | 73.05  |
| COEFF VARIATION | 0.27  | 0.26    | 0.09  | 0.14   | 0.21  | 0.13  | 0.09    | 0.21  | -0.12 | 0.24  | 0.15   |
| SKEWNESS        | 0.10  | 0.62    | 0.39  | 0.60   | 0.82  | 0.62  | 0.47    | 0.24  | 0.73  | 0.59  | 1.50   |
| KURTOSIS        | -1.25 | -0.60   | 0.04  | -0.33  | 0.05  | -0.69 | -0.51   | -0.50 | -1.47 | -0.48 | 1.29   |
| 2.5 PERCENTILE  | 3.00  | 19.00   | 9.00  | 21.00  | 7.00  | 4.00  | 171.00  | 2.10  | 0.30  | 5.00  | 20.00  |
| 5.0 PERCENTILE  | 3.00  | 20.00   | 10.00 | 22.00  | 7.00  | 4.00  | 190.00  | 2.20  | 0.30  | 5.00  | 20.00  |
| 16.5 PERCENTILE | 3.00  | 32.00   | 11.00 | 28.00  | 9.00  | 4.00  | 232.00  | 2.60  | 0.30  | 6.00  | 20.00  |
| 50.0 PERCENTILE | 5.00  | 75.00   | 13.00 | 43.00  | 14.00 | 5.00  | 375.00  | 3.40  | 0.30  | 10.00 | 20.00  |
| 82.2 PERCENTILE | 9.00  | 384.00  | 16.00 | 74.00  | 26.00 | 6.00  | 704.00  | 4.40  | 0.40  | 20.00 | 40.00  |
| 90.0 PERCENTILE | 10.00 | 584.00  | 18.00 | 104.00 | 43.00 | 7.00  | 845.00  | 5.00  | 0.40  | 27.00 | 60.00  |
| 95.0 PERCENTILE | 11.00 | 915.00  | 20.00 | 127.00 | 56.00 | 7.00  | 1028.00 | 5.40  | 0.40  | 35.00 | 90.00  |
| 97.5 PERCENTILE | 12.00 | 1441.00 | 22.00 | 150.00 | 65.00 | 8.00  | 1380.00 | 6.00  | 0.40  | 38.00 | 100.00 |
| 99.0 PERCENTILE | 12.00 | 1636.00 | 24.00 | 165.00 | 76.00 | 8.00  | 1473.00 | 6.20  | 0.40  | 48.00 | 120.00 |

| ELEMENTS        | As    | Sb    | W    | Th   | Cd    | Bi   | V      | Ba     | Sr    | Si%   | Al%   |
|-----------------|-------|-------|------|------|-------|------|--------|--------|-------|-------|-------|
| NO OF SAMPLES   | 139   | 36    | 11   | 11   | 73    | 54   | 295    | 291    | 287   | 96    | 297   |
| DETECTION LIMIT | 2.00  | 2.00  | 2.00 | 2.00 | 1.00  | 2.00 | 2.00   | 3.00   | 2.00  | 0.01  | 0.01  |
| MINIMUM VALUE   | 4.00  | 4.00  | 3.00 | 3.00 | 2.00  | 3.00 | 54.00  | 36.00  | 15.00 | 0.03  | 1.33  |
| MAXIMUM VALUE   | 12.00 | 6.00  | 4.00 | 4.00 | 15.00 | 4.00 | 195.00 | 270.00 | 78.00 | 0.12  | 4.39  |
| RANGE           | 8.00  | 2.00  | 1.00 | 1.00 | 13.00 | 1.00 | 141.00 | 234.00 | 63.00 | 0.09  | 3.06  |
| MEDIAN          | 5.00  | 4.00  | 0.0  | 0.0  | 2.00  | 3.00 | 80.00  | 74.00  | 27.00 | 0.05  | 2.34  |
| MODE            | 4.00  | 4.00  | 0.0  | 0.0  | 2.00  | 3.00 | 68.00  | 52.00  | 32.00 | 0.04  | 2.74  |
| MEAN            | 5.95  | 4.35  | 1.00 | 1.00 | 2.32  | 3.18 | 80.68  | 78.95  | 27.32 | 0.05  | 2.31  |
| LOG ST DEV      | 0.16  | 0.06  | 0.0  | 0.0  | 0.21  | 0.05 | 0.09   | 0.22   | 0.15  | 0.21  | 0.11  |
| MEAN + 2SD      | 12.34 | 5.62  | 1.00 | 1.00 | 6.04  | 4.02 | 122.27 | 213.54 | 54.37 | 0.14  | 3.79  |
| COEFF VARIATION | 0.20  | 0.09  | 0.0  | 0.0  | 0.57  | 0.10 | 0.05   | 0.11   | 0.10  | -0.16 | 0.29  |
| SKEWNESS        | 0.47  | 1.09  | 0.0  | 0.0  | 3.39  | 1.47 | 0.67   | 0.54   | 0.46  | 0.42  | -0.16 |
| KURTOSIS        | -1.15 | -0.10 | 0.0  | 0.0  | 10.24 | 0.17 | 1.26   | -0.59  | -0.20 | -1.19 | -0.37 |
| 2.5 PERCENTILE  | 4.00  | 4.00  | 0.0  | 0.0  | 2.00  | 3.00 | 55.00  | 39.00  | 16.00 | 0.03  | 1.40  |
| 5.0 PERCENTILE  | 4.00  | 4.00  | 0.0  | 0.0  | 2.00  | 3.00 | 61.00  | 41.00  | 17.00 | 0.03  | 1.47  |
| 16.5 PERCENTILE | 4.00  | 4.00  | 0.0  | 0.0  | 2.00  | 3.00 | 66.00  | 47.00  | 19.00 | 0.03  | 1.80  |
| 50.0 PERCENTILE | 5.00  | 4.00  | 0.0  | 0.0  | 2.00  | 3.00 | 80.00  | 74.00  | 27.00 | 0.05  | 2.34  |
| 82.2 PERCENTILE | 9.00  | 5.00  | 0.0  | 0.0  | 2.00  | 4.00 | 98.00  | 126.00 | 36.00 | 0.10  | 2.86  |
| 90.0 PERCENTILE | 11.00 | 5.00  | 0.0  | 0.0  | 3.00  | 4.00 | 106.00 | 170.00 | 43.00 | 0.12  | 3.18  |
| 95.0 PERCENTILE | 11.00 | 5.00  | 0.0  | 0.0  | 5.00  | 4.00 | 112.00 | 203.00 | 51.00 | 0.12  | 3.40  |
| 97.5 PERCENTILE | 11.00 | 6.00  | 0.0  | 0.0  | 15.00 | 4.00 | 120.00 | 228.00 | 60.00 | 0.12  | 3.59  |
| 99.0 PERCENTILE | 12.00 | 6.00  | 0.0  | 0.0  | 15.00 | 4.00 | 134.00 | 257.00 | 60.00 | 0.12  | 3.93  |

## LOGARITHMIC SUMMARY STATISTICS

TRUNCATED DATA SET

PROPERTY NAME: BIRD CLAIMS  
PROJECT NAME: TOODOGGONESURVEY TYPE: SOILS  
PROJECT CODE: 505NTS: 94D/9  
PROVINCE: B.C. YEAR: 1982

| ELEMENTS        | Ca%   | Mg%    | Na%   | K%    | Ti%   | P%    | La    | B     | Cr     | Nb    | Zr    |
|-----------------|-------|--------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| NO OF SAMPLES   | 292   | 295    | 29    | 147   | 288   | 273   | 282   | 284   | 294    | 286   | 42    |
| DETECTION LIMIT | 0.01  | 0.01   | 0.01  | 0.01  | 0.01  | 0.01  | 2.00  | 3.00  | 3.00   | 3.00  | 3.00  |
| MINIMUM VALUE   | 0.19  | 0.44   | 0.03  | 0.03  | 0.07  | 0.05  | 5.00  | 5.00  | 28.00  | 17.00 | 5.00  |
| MAXIMUM VALUE   | 1.30  | 2.66   | 0.12  | 0.15  | 0.30  | 0.23  | 13.00 | 40.00 | 216.00 | 70.00 | 8.00  |
| RANGE           | 1.11  | 2.22   | 0.09  | 0.12  | 0.23  | 0.18  | 8.00  | 35.00 | 188.00 | 53.00 | 3.00  |
| MEDIAN          | 0.35  | 0.98   | 0.10  | 0.04  | 0.11  | 0.07  | 7.00  | 8.00  | 44.00  | 27.00 | 5.00  |
| MODE            | 0.30  | 1.25   | 0.12  | 0.03  | 0.10  | 0.07  | 6.00  | 8.00  | 44.00  | 26.00 | 5.00  |
| MEAN            | 0.38  | 0.97   | 0.07  | 0.05  | 0.12  | 0.08  | 6.93  | 7.84  | 50.44  | 27.26 | 5.61  |
| LOG ST DEV      | 0.22  | 0.18   | 0.27  | 0.24  | 0.14  | 0.15  | 0.10  | 0.14  | 0.19   | 0.11  | 0.06  |
| MEAN + 2SD      | 1.04  | 2.19   | 0.24  | 0.16  | 0.21  | 0.16  | 10.84 | 14.81 | 123.71 | 45.31 | 7.49  |
| COEFF VARIATION | -0.52 | -15.86 | -0.24 | -0.19 | -0.14 | -0.13 | 0.12  | 0.15  | 0.11   | 0.08  | 0.08  |
| SKEWNESS        | 0.65  | 0.12   | -0.43 | 0.70  | 0.38  | 0.71  | 0.70  | 0.79  | 1.36   | 0.41  | 0.93  |
| KURTOSIS        | -0.52 | -0.67  | -1.69 | -0.94 | -0.37 | 0.15  | 0.24  | 1.85  | 1.41   | 0.19  | -0.23 |
| 2.5 PERCENTILE  | 0.19  | 0.47   | 0.03  | 0.03  | 0.07  | 0.05  | 5.00  | 5.00  | 29.00  | 18.00 | 5.00  |
| 5.0 PERCENTILE  | 0.20  | 0.51   | 0.03  | 0.03  | 0.07  | 0.05  | 5.00  | 5.00  | 31.00  | 18.00 | 5.00  |
| 16.5 PERCENTILE | 0.24  | 0.64   | 0.03  | 0.03  | 0.08  | 0.06  | 6.00  | 6.00  | 35.00  | 21.00 | 5.00  |
| 50.0 PERCENTILE | 0.35  | 0.98   | 0.10  | 0.04  | 0.11  | 0.07  | 7.00  | 8.00  | 44.00  | 27.00 | 5.00  |
| 82.2 PERCENTILE | 0.64  | 1.44   | 0.12  | 0.10  | 0.15  | 0.11  | 8.00  | 10.00 | 70.00  | 34.00 | 6.00  |
| 90.0 PERCENTILE | 0.86  | 1.60   | 0.12  | 0.12  | 0.18  | 0.13  | 9.00  | 11.00 | 103.00 | 37.00 | 7.00  |
| 95.0 PERCENTILE | 1.05  | 1.85   | 0.12  | 0.15  | 0.20  | 0.15  | 11.00 | 13.00 | 126.00 | 42.00 | 7.00  |
| 97.5 PERCENTILE | 1.13  | 2.32   | 0.12  | 0.15  | 0.21  | 0.16  | 12.00 | 16.00 | 192.00 | 46.00 | 8.00  |
| 99.0 PERCENTILE | 1.21  | 2.40   | 0.12  | 0.15  | 0.22  | 0.20  | 13.00 | 18.00 | 204.00 | 52.00 | 8.00  |

| ELEMENTS        | Ce    | ICAu | pH    |
|-----------------|-------|------|-------|
| NO OF SAMPLES   | 247   | 13   | 229   |
| DETECTION LIMIT | 3.00  | 2.00 | 0.10  |
| MINIMUM VALUE   | 5.00  | 3.00 | 4.10  |
| MAXIMUM VALUE   | 16.00 | 4.00 | 5.60  |
| RANGE           | 11.00 | 1.00 | 1.50  |
| MEDIAN          | 8.00  | 0.0  | 4.80  |
| MODE            | 8.00  | 0.0  | 4.80  |
| MEAN            | 8.24  | 1.00 | 4.87  |
| LOG ST DEV      | 0.13  | 0.0  | 0.04  |
| MEAN + 2SD      | 15.21 | 1.00 | 5.73  |
| COEFF VARIATION | 0.15  | 0.0  | 0.05  |
| SKEWNESS        | 0.08  | 0.0  | -0.09 |
| KURTOSIS        | -0.80 | 0.0  | -0.85 |
| 2.5 PERCENTILE  | 5.00  | 0.0  | 4.20  |
| 5.0 PERCENTILE  | 5.00  | 0.0  | 4.20  |
| 16.5 PERCENTILE | 6.00  | 0.0  | 4.50  |
| 50.0 PERCENTILE | 8.00  | 0.0  | 4.80  |
| 82.2 PERCENTILE | 11.00 | 0.0  | 5.30  |
| 90.0 PERCENTILE | 13.00 | 0.0  | 5.40  |
| 95.0 PERCENTILE | 14.00 | 0.0  | 5.50  |
| 97.5 PERCENTILE | 15.00 | 0.0  | 5.60  |
| 99.0 PERCENTILE | 15.00 | 0.0  | 5.60  |

## ARITHMETIC CORRELATION MATRIX

TRUNCATED DATA SET

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

## CORRELATION COEFFICIENTS

|    | Cu    | Pb   | Zn   | Ni    | U     | Mn    | Fe    | Ag    | Co   | Au    | As    | Sb    | W   | Th  | Cd    | Bi    | V     | Ba    | Sr    | Si%   |
|----|-------|------|------|-------|-------|-------|-------|-------|------|-------|-------|-------|-----|-----|-------|-------|-------|-------|-------|-------|
| Mo | -0.17 | 0.49 | 0.51 | -0.43 | -0.51 | 0.07  | 0.70  | 0.01  | 0.13 | 0.16  | 0.16  | -0.12 | 0.0 | 0.0 | 0.14  | 0.18  | -0.02 | -0.37 | -0.37 | -0.21 |
| Cu |       | 0.09 | 0.24 | 0.58  | 0.07  | 0.31  | 0.17  | 0.12  | 0.52 | 0.25  | 0.15  | -0.03 | 0.0 | 0.0 | -0.04 | 0.02  | -0.13 | 0.12  | 0.14  | 0.16  |
| Pb |       |      | 0.57 | -0.02 | -0.09 | 0.20  | 0.61  | -0.03 | 0.36 | 0.27  | 0.33  | 0.05  | 0.0 | 0.0 | -0.01 | 0.01  | 0.06  | -0.09 | -0.16 | -0.07 |
| Zn |       |      |      | 0.18  | -0.15 | 0.45  | 0.66  | -0.07 | 0.56 | 0.31  | 0.27  | 0.04  | 0.0 | 0.0 | 0.10  | 0.03  | -0.04 | 0.03  | 0.00  | -0.12 |
| Ni |       |      |      |       | 0.05  | 0.49  | 0.07  | 0.09  | 0.64 | 0.21  | 0.14  | 0.21  | 0.0 | 0.0 | 0.25  | -0.05 | -0.12 | 0.43  | 0.28  | 0.29  |
| U  |       |      |      |       |       | -0.10 | -0.21 | 0.0   | 0.03 | -0.13 | -0.21 | 0.0   | 0.0 | 0.0 | 0.0   | 0.0   | -0.02 | 0.29  | 0.42  | -0.11 |
| Mn |       |      |      |       |       |       | 0.39  | 0.16  | 0.81 | 0.44  | 0.28  | 0.03  | 0.0 | 0.0 | -0.07 | 0.21  | -0.03 | 0.29  | 0.19  | 0.27  |
| Fe |       |      |      |       |       |       |       | 0.03  | 0.42 | 0.34  | 0.20  | 0.14  | 0.0 | 0.0 | -0.03 | 0.20  | 0.30  | -0.16 | -0.24 | 0.07  |
| Ag |       |      |      |       |       |       |       |       | 0.04 | 0.0   | 0.03  | 0.0   | 0.0 | 0.0 | 0.0   | 0.0   | -0.16 | -0.17 | -0.06 | 0.0   |
| Co |       |      |      |       |       |       |       |       |      | 0.47  | 0.20  | 0.02  | 0.0 | 0.0 | 0.16  | 0.14  | -0.06 | 0.33  | 0.14  | 0.15  |
| Au |       |      |      |       |       |       |       |       |      |       | -0.04 | 0.0   | 0.0 | 0.0 | 0.40  | 0.0   | -0.19 | -0.07 | -0.23 | 0.14  |
| As |       |      |      |       |       |       |       |       |      |       |       | 0.03  | 0.0 | 0.0 | -0.13 | -0.29 | -0.05 | 0.09  | 0.04  | 0.13  |
| Sb |       |      |      |       |       |       |       |       |      |       |       |       | 0.0 | 0.0 | 0.0   | 0.0   | -0.06 | 0.03  | 0.15  | 0.0   |
| W  |       |      |      |       |       |       |       |       |      |       |       |       |     | 0.0 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| Th |       |      |      |       |       |       |       |       |      |       |       |       |     |     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| Cd |       |      |      |       |       |       |       |       |      |       |       |       |     |     |       | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| Bi |       |      |      |       |       |       |       |       |      |       |       |       |     |     |       |       | -0.25 | 0.60  | 0.42  | 0.44  |
| V  |       |      |      |       |       |       |       |       |      |       |       |       |     |     |       |       |       | -0.03 | 0.04  | -0.14 |
| Ba |       |      |      |       |       |       |       |       |      |       |       |       |     |     |       |       |       |       | 0.02  | 0.15  |
| Sr |       |      |      |       |       |       |       |       |      |       |       |       |     |     |       |       |       |       |       | 0.70  |
|    |       |      |      |       |       |       |       |       |      |       |       |       |     |     |       |       |       |       |       | 0.28  |
|    |       |      |      |       |       |       |       |       |      |       |       |       |     |     |       |       |       |       |       | -0.19 |

## CORRELATION COEFFICIENTS

|      | Al%   | Ca%   | Mg%   | Na%   | K%    | Ti%   | P%    | La    | B     | Cr    | Nb    | Zr    | Ce    | ICAu | pH    |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| Mo   | -0.05 | -0.38 | -0.01 | 0.0   | -0.17 | -0.05 | -0.21 | -0.25 | 0.28  | -0.51 | 0.00  | 0.0   | -0.36 | 0.0  | -0.00 |
| Cu   | 0.10  | 0.15  | 0.40  | 0.24  | -0.03 | -0.19 | 0.28  | 0.06  | 0.14  | 0.39  | 0.05  | 0.04  | -0.02 | 0.0  | 0.20  |
| Pb   | 0.39  | -0.09 | 0.12  | 0.0   | -0.05 | -0.01 | 0.05  | 0.00  | 0.12  | -0.10 | 0.04  | 0.25  | -0.11 | 0.0  | 0.03  |
| Zn   | 0.27  | 0.06  | 0.40  | 0.0   | 0.07  | -0.15 | 0.07  | 0.02  | 0.26  | 0.03  | 0.16  | 0.09  | -0.09 | 0.0  | 0.17  |
| Ni   | 0.35  | 0.33  | 0.65  | 0.0   | 0.63  | -0.15 | 0.60  | 0.18  | 0.30  | 0.91  | 0.09  | -0.02 | 0.08  | 0.0  | 0.19  |
| U    | -0.01 | 0.37  | 0.05  | 0.0   | 0.11  | -0.11 | 0.07  | 0.46  | 0.07  | 0.13  | 0.04  | 0.0   | 0.38  | 0.0  | -0.04 |
| Mn   | 0.34  | 0.34  | 0.59  | 0.58  | 0.19  | -0.32 | 0.33  | 0.17  | 0.43  | 0.33  | 0.23  | -0.15 | -0.03 | 0.0  | 0.24  |
| Fe   | 0.37  | -0.19 | 0.34  | 0.0   | 0.07  | 0.03  | 0.04  | -0.12 | 0.41  | 0.03  | 0.29  | 0.11  | -0.32 | 0.0  | -0.06 |
| Ag   | -0.18 | -0.07 | 0.11  | 0.0   | 0.0   | -0.09 | 0.05  | -0.15 | -0.02 | 0.11  | 0.08  | 0.0   | -0.21 | 0.0  | -0.07 |
| Co   | 0.33  | 0.26  | 0.67  | 0.0   | 0.39  | -0.32 | 0.39  | 0.15  | 0.36  | 0.45  | 0.15  | -0.08 | -0.03 | 0.0  | 0.19  |
| Au   | 0.08  | -0.20 | 0.23  | 0.0   | 0.44  | -0.25 | 0.11  | -0.10 | 0.25  | 0.21  | -0.19 | 0.0   | -0.30 | 0.0  | -0.15 |
| As   | 0.22  | 0.05  | 0.23  | 0.0   | 0.02  | -0.20 | 0.05  | 0.02  | 0.09  | 0.08  | 0.05  | 0.0   | -0.14 | 0.0  | 0.26  |
| Sb   | 0.08  | 0.07  | 0.09  | 0.0   | 0.0   | -0.08 | -0.05 | 0.18  | 0.09  | 0.05  | -0.02 | 0.0   | 0.11  | 0.0  | 0.30  |
| W    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   |
| Th   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   |
| Cd   | 0.02  | 0.05  | 0.24  | 0.0   | 0.62  | -0.12 | 0.28  | 0.21  | 0.21  | 0.34  | -0.24 | 0.0   | -0.06 | 0.0  | -0.01 |
| Bi   | 0.05  | -0.10 | 0.11  | 0.0   | 0.02  | -0.05 | 0.35  | -0.15 | 0.16  | 0.07  | 0.06  | 0.0   | -0.28 | 0.0  | -0.33 |
| V    | 0.14  | 0.06  | 0.13  | 0.0   | 0.30  | 0.59  | -0.07 | -0.06 | 0.26  | 0.04  | 0.46  | -0.06 | -0.17 | 0.0  | -0.26 |
| Ba   | 0.18  | 0.65  | 0.45  | 0.0   | 0.44  | -0.15 | 0.46  | 0.49  | 0.13  | 0.47  | 0.02  | -0.17 | 0.42  | 0.0  | 0.37  |
| Sr   | 0.20  | 0.74  | 0.35  | 0.0   | 0.32  | -0.03 | 0.27  | 0.51  | 0.07  | 0.31  | 0.14  | -0.24 | 0.47  | 0.0  | 0.42  |
| Si%  | 0.12  | -0.10 | 0.03  | 0.0   | 0.67  | 0.20  | 0.11  | -0.04 | 0.14  | 0.50  | 0.16  | 0.0   | -0.12 | 0.0  | -0.28 |
| Al%  |       | 0.25  | 0.38  | -0.04 | 0.22  | -0.12 | 0.32  | 0.29  | 0.31  | 0.26  | 0.14  | 0.56  | 0.03  | 0.0  | 0.24  |
| Ca%  |       |       | 0.40  | 0.0   | 0.23  | -0.10 | 0.41  | 0.52  | 0.15  | 0.30  | 0.08  | -0.19 | 0.48  | 0.0  | 0.52  |
| Mg%  |       |       |       | 0.0   | 0.37  | -0.24 | 0.42  | 0.13  | 0.36  | 0.64  | 0.17  | -0.20 | -0.01 | 0.0  | 0.30  |
| Na%  |       |       |       |       | 0.79  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   |
| K%   |       |       |       |       |       | 0.35  | 0.51  | 0.18  | 0.17  | 0.59  | 0.23  | 0.0   | -0.00 | 0.0  | -0.28 |
| Ti%  |       |       |       |       |       |       | -0.28 | -0.14 | 0.05  | -0.08 | 0.37  | -0.07 | -0.08 | 0.0  | -0.34 |
| P%   |       |       |       |       |       |       |       | 0.26  | 0.19  | 0.55  | -0.05 | 0.17  | 0.13  | 0.0  | 0.16  |
| La   |       |       |       |       |       |       |       |       | 0.10  | 0.10  | 0.16  | 0.04  | 0.74  | 0.0  | 0.40  |
| B    |       |       |       |       |       |       |       |       |       | 0.23  | 0.55  | -0.14 | -0.13 | 0.0  | 0.08  |
| Cr   |       |       |       |       |       |       |       |       |       |       | 0.08  | -0.02 | 0.00  | 0.0  | 0.11  |
| Nb   |       |       |       |       |       |       |       |       |       |       |       | 0.01  | 0.04  | 0.0  | 0.03  |
| Zr   |       |       |       |       |       |       |       |       |       |       |       |       | 0.06  | 0.0  | -0.13 |
| Ce   |       |       |       |       |       |       |       |       |       |       |       |       |       | 0.0  | 0.34  |
| ICAu |       |       |       |       |       |       |       |       |       |       |       |       |       |      | 0.0   |

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9  
PROJECT NAME: TODDOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982



NUMBER OF OBSERVATIONS

|    | Cu | Pb  | Zn  | Ni  | U  | Mn  | Fe  | Ag  | Co  | Au  | As  | Sb  | W   | Th  | Cd  | Bi  | V   | Ba  | Sr  | Si% |
|----|----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Mo | 92 | 89  | 92  | 96  | 27 | 95  | 97  | 25  | 86  | 38  | 61  | 22  | 332 | 332 | 45  | 23  | 95  | 90  | 91  | 27  |
| Cu |    | 236 | 264 | 266 | 75 | 273 | 266 | 52  | 258 | 84  | 127 | 30  | 332 | 332 | 60  | 54  | 260 | 267 | 257 | 86  |
| Pb |    |     | 250 | 236 | 71 | 244 | 251 | 58  | 233 | 76  | 126 | 31  | 332 | 332 | 62  | 41  | 259 | 237 | 246 | 68  |
| Zn |    |     |     | 261 | 78 | 277 | 276 | 61  | 253 | 80  | 132 | 32  | 332 | 332 | 64  | 46  | 276 | 269 | 265 | 81  |
| Ni |    |     |     |     | 72 | 264 | 260 | 57  | 251 | 83  | 123 | 35  | 332 | 332 | 64  | 48  | 256 | 256 | 254 | 84  |
| U  |    |     |     |     |    | 79  | 77  | 332 | 73  | 23  | 42  | 332 | 332 | 332 | 332 | 332 | 78  | 73  | 78  | 24  |
| Mn |    |     |     |     |    |     | 276 | 54  | 258 | 82  | 129 | 35  | 332 | 332 | 62  | 44  | 273 | 266 | 262 | 83  |
| Fe |    |     |     |     |    |     |     | 60  | 256 | 85  | 134 | 35  | 332 | 332 | 64  | 46  | 278 | 263 | 266 | 86  |
| Ag |    |     |     |     |    |     |     |     | 53  | 332 | 29  | 332 | 332 | 332 | 332 | 332 | 63  | 63  | 57  | 332 |
| Co |    |     |     |     |    |     |     |     |     | 82  | 129 | 33  | 332 | 332 | 58  | 48  | 251 | 242 | 246 | 71  |
| Au |    |     |     |     |    |     |     |     |     |     | 48  | 332 | 332 | 332 | 21  | 332 | 81  | 80  | 82  | 33  |
| As |    |     |     |     |    |     |     |     |     |     |     | 24  | 332 | 332 | 48  | 27  | 132 | 125 | 129 | 38  |
| Sb |    |     |     |     |    |     |     |     |     |     |     |     | 332 | 332 | 332 | 332 | 33  | 31  | 34  | 332 |
| W  |    |     |     |     |    |     |     |     |     |     |     |     |     | 332 | 332 | 332 | 332 | 332 | 332 | 332 |
| Th |    |     |     |     |    |     |     |     |     |     |     |     |     |     | 332 | 332 | 332 | 332 | 332 | 332 |
| Cd |    |     |     |     |    |     |     |     |     |     |     |     |     |     |     | 30  | 67  | 69  | 63  | 332 |
| Bi |    |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     | 45  | 47  | 51  | 332 |
| V  |    |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     | 266 | 267 | 76  |
| Ba |    |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     | 259 | 88  |
| Sr |    |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 76  |

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

NUMBER OF OBSERVATIONS

|      | A1% | Ca% | Mg% | Na% | K%  | Ti% | P%  | La  | B   | Cr  | Nb  | Zr  | Ce  | ICAu | pH  |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| Mo   | 96  | 94  | 100 | 332 | 56  | 95  | 93  | 90  | 98  | 98  | 95  | 332 | 78  | 332  | 62  |
| Cu   | 271 | 263 | 272 | 26  | 135 | 254 | 249 | 259 | 253 | 270 | 251 | 39  | 226 | 332  | 207 |
| Pb   | 253 | 243 | 249 | 332 | 115 | 249 | 229 | 248 | 250 | 243 | 251 | 40  | 217 | 332  | 186 |
| Zn   | 277 | 271 | 279 | 332 | 130 | 266 | 253 | 262 | 267 | 270 | 265 | 39  | 230 | 332  | 206 |
| Ni   | 263 | 256 | 267 | 332 | 127 | 249 | 243 | 251 | 254 | 273 | 251 | 40  | 221 | 332  | 199 |
| U    | 78  | 80  | 76  | 332 | 34  | 72  | 73  | 77  | 75  | 76  | 73  | 332 | 75  | 332  | 57  |
| Mn   | 277 | 269 | 279 | 23  | 131 | 267 | 251 | 265 | 264 | 271 | 263 | 40  | 231 | 332  | 207 |
| Fe   | 281 | 274 | 276 | 332 | 128 | 272 | 255 | 266 | 273 | 271 | 270 | 40  | 233 | 332  | 205 |
| Ag   | 59  | 61  | 60  | 332 | 332 | 64  | 51  | 58  | 62  | 61  | 63  | 332 | 41  | 332  | 45  |
| Co   | 256 | 249 | 256 | 332 | 115 | 243 | 232 | 251 | 247 | 250 | 244 | 34  | 220 | 332  | 192 |
| Au   | 84  | 75  | 82  | 332 | 35  | 75  | 80  | 80  | 80  | 81  | 82  | 332 | 78  | 332  | 62  |
| As   | 133 | 130 | 135 | 332 | 68  | 124 | 123 | 128 | 133 | 125 | 130 | 332 | 113 | 332  | 93  |
| Sb   | 33  | 33  | 35  | 332 | 332 | 34  | 31  | 34  | 36  | 33  | 35  | 332 | 32  | 332  | 21  |
| W    | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332  | 332 |
| Th   | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332  | 332 |
| Cd   | 65  | 64  | 68  | 332 | 54  | 64  | 65  | 62  | 67  | 63  | 67  | 332 | 49  | 332  | 51  |
| Bi   | 46  | 48  | 45  | 332 | 42  | 44  | 48  | 46  | 46  | 49  | 47  | 332 | 40  | 332  | 39  |
| V    | 280 | 271 | 274 | 332 | 129 | 279 | 251 | 270 | 273 | 270 | 274 | 42  | 232 | 332  | 210 |
| Ba   | 269 | 266 | 266 | 332 | 132 | 258 | 252 | 258 | 257 | 271 | 254 | 40  | 222 | 332  | 205 |
| Sr   | 267 | 270 | 260 | 332 | 124 | 261 | 245 | 260 | 264 | 263 | 262 | 36  | 229 | 332  | 201 |
| Si%  | 88  | 81  | 85  | 332 | 45  | 78  | 85  | 73  | 73  | 87  | 80  | 332 | 68  | 332  | 69  |
| Al%  |     | 272 | 276 | 21  | 134 | 271 | 258 | 271 | 271 | 277 | 271 | 40  | 235 | 332  | 216 |
| Ca%  |     |     | 269 | 332 | 126 | 266 | 247 | 261 | 264 | 267 | 261 | 35  | 228 | 332  | 205 |
| Mg%  |     |     |     | 332 | 136 | 263 | 254 | 262 | 264 | 273 | 263 | 41  | 232 | 332  | 199 |
| Na%  |     |     |     |     | 21  | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332  | 332 |
| K%   |     |     |     |     |     | 123 | 131 | 115 | 122 | 136 | 126 | 332 | 102 | 332  | 106 |
| Ti%  |     |     |     |     |     |     | 242 | 264 | 265 | 262 | 268 | 40  | 226 | 332  | 203 |
| P%   |     |     |     |     |     |     |     | 245 | 244 | 257 | 244 | 37  | 215 | 332  | 191 |
| La   |     |     |     |     |     |     |     |     | 265 | 260 | 263 | 40  | 238 | 332  | 201 |
| B    |     |     |     |     |     |     |     |     |     | 263 | 270 | 40  | 227 | 332  | 199 |
| Cr   |     |     |     |     |     |     |     |     |     |     | 260 | 41  | 223 | 332  | 209 |
| Nb   |     |     |     |     |     |     |     |     |     |     |     | 42  | 227 | 332  | 203 |
| Zr   |     |     |     |     |     |     |     |     |     |     |     |     | 36  | 332  | 34  |
| Ce   |     |     |     |     |     |     |     |     |     |     |     |     |     | 332  | 165 |
| ICAu |     |     |     |     |     |     |     |     |     |     |     |     |     |      | 332 |

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

## LOGARITHMIC CORRELATION MATRIX

TRUNCATED DATA SET

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9  
 PROJECT NAME: TODDOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

## CORRELATION COEFFICIENTS

|    | Cu   | Pb   | Zn   | Ni    | U     | Mn    | Fe    | Ag    | Co   | Au    | As    | Sb    | W   | Th  | Cd    | Bi    | V     | Ba    | Sr    | Si%   |       |
|----|------|------|------|-------|-------|-------|-------|-------|------|-------|-------|-------|-----|-----|-------|-------|-------|-------|-------|-------|-------|
| Mo | 0.07 | 0.50 | 0.48 | -0.39 | -0.54 | 0.15  | 0.67  | 0.00  | 0.10 | 0.25  | 0.13  | -0.17 | 0.0 | 0.0 | 0.10  | 0.22  | -0.06 | -0.41 | -0.44 | -0.25 |       |
| Cu |      | 0.21 | 0.54 | 0.67  | 0.13  | 0.53  | 0.38  | 0.03  | 0.75 | 0.50  | 0.24  | 0.06  | 0.0 | 0.0 | 0.03  | 0.01  | -0.12 | 0.23  | 0.14  | 0.01  |       |
| Pb |      |      | 0.51 | 0.05  | -0.08 | 0.24  | 0.60  | -0.01 | 0.33 | 0.36  | 0.33  | 0.09  | 0.0 | 0.0 | 0.01  | -0.00 | 0.08  | -0.10 | -0.16 | -0.03 |       |
| Zn |      |      |      | 0.41  | -0.12 | 0.62  | 0.66  | -0.06 | 0.69 | 0.32  | 0.34  | 0.14  | 0.0 | 0.0 | 0.05  | 0.01  | 0.07  | 0.11  | 0.10  | -0.14 |       |
| Ni |      |      |      |       | 0.10  | 0.59  | 0.21  | 0.04  | 0.77 | 0.28  | 0.22  | 0.22  | 0.0 | 0.0 | 0.28  | -0.05 | -0.08 | 0.52  | 0.35  | 0.16  |       |
| U  |      |      |      |       |       | -0.09 | -0.21 | 0.0   | 0.06 | -0.17 | -0.21 | 0.0   | 0.0 | 0.0 | 0.0   | 0.0   | -0.06 | 0.32  | 0.42  | -0.11 |       |
| Mn |      |      |      |       |       |       | 0.44  | 0.11  | 0.84 | 0.42  | 0.32  | 0.11  | 0.0 | 0.0 | -0.06 | 0.16  | 0.04  | 0.35  | 0.22  | 0.12  |       |
| Fe |      |      |      |       |       |       |       | 0.03  | 0.46 | 0.35  | 0.20  | 0.15  | 0.0 | 0.0 | -0.01 | 0.22  | 0.36  | -0.15 | -0.24 | 0.05  |       |
| Ag |      |      |      |       |       |       |       |       | 0.04 | 0.0   | 0.04  | 0.0   | 0.0 | 0.0 | 0.0   | 0.0   | -0.17 | -0.18 | -0.04 | 0.0   |       |
| Co |      |      |      |       |       |       |       |       |      | 0.56  | 0.28  | 0.02  | 0.0 | 0.0 | 0.16  | 0.17  | -0.00 | 0.37  | 0.19  | -0.01 |       |
| Au |      |      |      |       |       |       |       |       |      |       | -0.00 | 0.0   | 0.0 | 0.0 | 0.25  | 0.0   | -0.20 | -0.09 | -0.30 | -0.03 |       |
| As |      |      |      |       |       |       |       |       |      |       |       | 0.02  | 0.0 | 0.0 | -0.13 | -0.29 | -0.04 | 0.11  | 0.05  | 0.13  |       |
| Sb |      |      |      |       |       |       |       |       |      |       |       |       | 0.0 | 0.0 | 0.0   | 0.0   | -0.06 | 0.00  | 0.20  | 0.0   |       |
| W  |      |      |      |       |       |       |       |       |      |       |       |       |     | 0.0 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |       |
| Th |      |      |      |       |       |       |       |       |      |       |       |       |     |     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |       |
| Cd |      |      |      |       |       |       |       |       |      |       |       |       |     |     |       | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |       |
| Bi |      |      |      |       |       |       |       |       |      |       |       |       |     |     |       | -0.24 | 0.34  | 0.37  | 0.27  | 0.0   |       |
| V  |      |      |      |       |       |       |       |       |      |       |       |       |     |     |       |       |       | 0.00  | 0.02  | -0.12 | 0.0   |
| Ba |      |      |      |       |       |       |       |       |      |       |       |       |     |     |       |       |       |       | 0.00  | 0.14  | 0.11  |
| Sr |      |      |      |       |       |       |       |       |      |       |       |       |     |     |       |       |       |       |       | 0.71  | 0.18  |
|    |      |      |      |       |       |       |       |       |      |       |       |       |     |     |       |       |       |       |       |       | -0.18 |

## CORRELATION COEFFICIENTS

|      | Al%   | Ca%   | Mg%   | Na%   | K%    | Ti%   | P%    | La    | B     | Cr    | Nb    | Zr    | Ce    | ICAu | pH    |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| Mo   | 0.02  | -0.42 | 0.05  | 0.0   | -0.17 | -0.05 | -0.21 | -0.24 | 0.24  | -0.57 | -0.06 | 0.0   | -0.32 | 0.0  | -0.01 |
| Cu   | 0.25  | 0.20  | 0.60  | 0.21  | 0.12  | -0.30 | 0.34  | 0.11  | 0.38  | 0.43  | 0.08  | -0.02 | -0.09 | 0.0  | 0.25  |
| Pb   | 0.45  | -0.12 | 0.17  | 0.0   | -0.03 | 0.00  | 0.06  | 0.02  | 0.12  | -0.07 | 0.04  | 0.29  | -0.12 | 0.0  | 0.04  |
| Zn   | 0.37  | 0.14  | 0.59  | 0.0   | 0.10  | -0.13 | 0.15  | 0.10  | 0.41  | 0.19  | 0.23  | 0.06  | -0.09 | 0.0  | 0.24  |
| Ni   | 0.41  | 0.47  | 0.78  | 0.0   | 0.59  | -0.21 | 0.49  | 0.26  | 0.40  | 0.89  | 0.16  | -0.06 | 0.14  | 0.0  | 0.28  |
| U    | -0.02 | 0.36  | 0.01  | 0.0   | 0.16  | -0.10 | 0.11  | 0.48  | 0.05  | 0.13  | 0.02  | 0.0   | 0.39  | 0.0  | -0.02 |
| Mn   | 0.37  | 0.37  | 0.72  | 0.52  | 0.18  | -0.34 | 0.31  | 0.20  | 0.50  | 0.39  | 0.22  | -0.15 | -0.03 | 0.0  | 0.30  |
| Fe   | 0.44  | -0.19 | 0.43  | 0.0   | 0.08  | 0.06  | 0.08  | -0.10 | 0.51  | 0.14  | 0.29  | 0.12  | -0.32 | 0.0  | -0.07 |
| Ag   | -0.17 | -0.09 | 0.09  | 0.0   | 0.0   | -0.09 | -0.03 | -0.16 | -0.04 | 0.04  | 0.08  | 0.0   | -0.21 | 0.0  | -0.07 |
| Co   | 0.41  | 0.35  | 0.80  | 0.0   | 0.38  | -0.34 | 0.40  | 0.18  | 0.45  | 0.53  | 0.17  | -0.12 | -0.02 | 0.0  | 0.29  |
| Au   | 0.09  | -0.25 | 0.30  | 0.0   | 0.37  | -0.29 | 0.13  | -0.15 | 0.24  | 0.16  | -0.17 | 0.0   | -0.35 | 0.0  | -0.11 |
| As   | 0.23  | 0.05  | 0.30  | 0.0   | -0.03 | -0.21 | 0.05  | 0.03  | 0.12  | 0.11  | 0.06  | 0.0   | -0.13 | 0.0  | 0.27  |
| Sb   | 0.13  | 0.11  | 0.17  | 0.0   | 0.0   | -0.04 | -0.01 | 0.18  | 0.16  | 0.09  | 0.04  | 0.0   | 0.12  | 0.0  | 0.29  |
| W    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   |
| Th   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   |
| Cd   | 0.00  | 0.10  | 0.22  | 0.0   | 0.55  | -0.13 | 0.32  | 0.18  | 0.20  | 0.36  | -0.27 | 0.0   | -0.04 | 0.0  | 0.00  |
| Bi   | 0.04  | -0.12 | 0.02  | 0.0   | 0.08  | -0.04 | 0.35  | -0.16 | 0.16  | 0.01  | 0.04  | 0.0   | -0.29 | 0.0  | -0.33 |
| V    | 0.15  | 0.03  | 0.14  | 0.0   | 0.19  | 0.57  | -0.13 | -0.06 | 0.29  | 0.12  | 0.50  | -0.03 | -0.18 | 0.0  | -0.25 |
| Ba   | 0.23  | 0.72  | 0.43  | 0.0   | 0.39  | -0.23 | 0.43  | 0.53  | 0.10  | 0.50  | 0.02  | -0.20 | 0.42  | 0.0  | 0.46  |
| Sr   | 0.18  | 0.81  | 0.33  | 0.0   | 0.23  | -0.10 | 0.25  | 0.51  | 0.07  | 0.35  | 0.15  | -0.23 | 0.45  | 0.0  | 0.44  |
| Si%  | 0.11  | -0.14 | -0.08 | 0.0   | 0.64  | 0.16  | 0.15  | -0.05 | -0.02 | 0.42  | 0.08  | 0.0   | -0.08 | 0.0  | -0.25 |
| Al%  |       | 0.24  | 0.42  | -0.17 | 0.15  | -0.11 | 0.26  | 0.29  | 0.33  | 0.33  | 0.16  | 0.55  | 0.02  | 0.0  | 0.26  |
| Ca%  |       |       | 0.42  | 0.0   | 0.22  | -0.16 | 0.41  | 0.57  | 0.13  | 0.40  | 0.08  | -0.24 | 0.51  | 0.0  | 0.58  |
| Mg%  |       |       |       | 0.0   | 0.36  | -0.23 | 0.34  | 0.17  | 0.44  | 0.64  | 0.21  | -0.19 | -0.00 | 0.0  | 0.33  |
| Na%  |       |       |       |       | 0.77  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   |
| K%   |       |       |       |       |       | 0.25  | 0.49  | 0.19  | 0.17  | 0.56  | 0.18  | 0.0   | -0.00 | 0.0  | -0.26 |
| Ti%  |       |       |       |       |       |       | -0.36 | -0.16 | -0.01 | -0.11 | 0.39  | -0.06 | -0.10 | 0.0  | -0.35 |
| P%   |       |       |       |       |       |       |       | 0.29  | 0.18  | 0.45  | -0.09 | 0.24  | 0.16  | 0.0  | 0.16  |
| La   |       |       |       |       |       |       |       |       | 0.11  | 0.16  | 0.17  | 0.06  | 0.74  | 0.0  | 0.44  |
| B    |       |       |       |       |       |       |       |       |       | 0.29  | 0.54  | -0.13 | -0.15 | 0.0  | 0.06  |
| Cr   |       |       |       |       |       |       |       |       |       |       | 0.14  | 0.01  | 0.04  | 0.0  | 0.21  |
| Nb   |       |       |       |       |       |       |       |       |       |       |       | 0.04  | 0.04  | 0.0  | 0.05  |
| Zr   |       |       |       |       |       |       |       |       |       |       |       |       | 0.09  | 0.0  | -0.13 |
| Ce   |       |       |       |       |       |       |       |       |       |       |       |       |       | 0.0  | 0.33  |
| ICAu |       |       |       |       |       |       |       |       |       |       |       |       |       |      | 0.0   |

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9  
PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

NUMBER OF OBSERVATIONS

|    | Cu | Pb  | Zn  | Ni  | U  | Mn  | Fe  | Ag  | Co  | Au  | As  | Sb  | W   | Th  | Cd  | Bi  | V   | Ba  | Sr  | Si% |
|----|----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Mo | 92 | 89  | 92  | 96  | 27 | 95  | 97  | 25  | 86  | 38  | 61  | 22  | 332 | 332 | 45  | 23  | 95  | 90  | 91  | 27  |
| Cu |    | 236 | 264 | 266 | 75 | 273 | 266 | 52  | 258 | 84  | 127 | 30  | 332 | 332 | 60  | 54  | 260 | 267 | 257 | 86  |
| Pb |    |     | 250 | 236 | 71 | 244 | 251 | 58  | 233 | 76  | 126 | 31  | 332 | 332 | 62  | 41  | 259 | 237 | 246 | 68  |
| Zn |    |     |     | 261 | 78 | 277 | 276 | 61  | 253 | 80  | 132 | 32  | 332 | 332 | 64  | 46  | 276 | 269 | 265 | 81  |
| Ni |    |     |     |     | 72 | 264 | 260 | 57  | 251 | 83  | 123 | 35  | 332 | 332 | 64  | 48  | 256 | 256 | 254 | 84  |
| U  |    |     |     |     |    | 79  | 77  | 332 | 73  | 23  | 42  | 332 | 332 | 332 | 332 | 332 | 78  | 73  | 78  | 24  |
| Mn |    |     |     |     |    |     | 276 | 54  | 258 | 82  | 129 | 35  | 332 | 332 | 62  | 44  | 273 | 266 | 262 | 83  |
| Fe |    |     |     |     |    |     |     | 60  | 256 | 85  | 134 | 35  | 332 | 332 | 64  | 46  | 278 | 263 | 266 | 86  |
| Ag |    |     |     |     |    |     |     |     | 53  | 332 | 29  | 332 | 332 | 332 | 332 | 332 | 63  | 63  | 57  | 332 |
| Co |    |     |     |     |    |     |     |     |     | 82  | 129 | 33  | 332 | 332 | 58  | 48  | 251 | 242 | 246 | 71  |
| Au |    |     |     |     |    |     |     |     |     |     | 48  | 332 | 332 | 332 | 21  | 332 | 81  | 80  | 82  | 33  |
| As |    |     |     |     |    |     |     |     |     |     |     | 24  | 332 | 332 | 48  | 27  | 132 | 125 | 129 | 38  |
| Sb |    |     |     |     |    |     |     |     |     |     |     |     | 332 | 332 | 332 | 332 | 33  | 31  | 34  | 332 |
| W  |    |     |     |     |    |     |     |     |     |     |     |     |     | 332 | 332 | 332 | 332 | 332 | 332 | 332 |
| Th |    |     |     |     |    |     |     |     |     |     |     |     |     |     | 332 | 332 | 332 | 332 | 332 | 332 |
| Cd |    |     |     |     |    |     |     |     |     |     |     |     |     |     |     | 30  | 67  | 69  | 63  | 332 |
| Bi |    |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     | 45  | 47  | 51  | 332 |
| V  |    |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     | 266 | 267 | 76  |
| Ba |    |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     | 259 | 88  |
| Sr |    |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 76  |

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

NUMBER OF OBSERVATIONS

|      | Al% | Ca% | Mg% | Na% | K%  | Ti% | P%  | La  | B   | Cr  | Nb  | Zr  | Ce  | ICAu | pH  |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| Mo   | 96  | 94  | 100 | 332 | 56  | 95  | 93  | 90  | 98  | 98  | 95  | 332 | 78  | 332  | 62  |
| Cu   | 271 | 263 | 272 | 26  | 135 | 254 | 249 | 259 | 253 | 270 | 251 | 39  | 226 | 332  | 207 |
| Pb   | 253 | 243 | 249 | 332 | 115 | 249 | 229 | 248 | 250 | 243 | 251 | 40  | 217 | 332  | 186 |
| Zn   | 277 | 271 | 279 | 332 | 130 | 266 | 253 | 262 | 267 | 270 | 265 | 39  | 230 | 332  | 206 |
| Ni   | 263 | 256 | 267 | 332 | 127 | 249 | 243 | 251 | 254 | 273 | 251 | 40  | 221 | 332  | 199 |
| U    | 78  | 80  | 76  | 332 | 34  | 72  | 73  | 77  | 75  | 76  | 73  | 332 | 75  | 332  | 57  |
| Mn   | 277 | 269 | 279 | 23  | 131 | 267 | 251 | 265 | 264 | 271 | 263 | 40  | 231 | 332  | 207 |
| Fe   | 281 | 274 | 276 | 332 | 128 | 272 | 255 | 266 | 273 | 271 | 270 | 40  | 233 | 332  | 205 |
| Ag   | 59  | 61  | 60  | 332 | 332 | 64  | 51  | 58  | 62  | 61  | 63  | 332 | 41  | 332  | 45  |
| Co   | 256 | 249 | 256 | 332 | 115 | 243 | 232 | 251 | 247 | 250 | 244 | 34  | 220 | 332  | 192 |
| Au   | 84  | 75  | 82  | 332 | 35  | 75  | 80  | 80  | 80  | 81  | 82  | 332 | 78  | 332  | 62  |
| As   | 133 | 130 | 135 | 332 | 68  | 124 | 123 | 128 | 133 | 125 | 130 | 332 | 113 | 332  | 93  |
| Sb   | 33  | 33  | 35  | 332 | 332 | 34  | 31  | 34  | 36  | 33  | 35  | 332 | 32  | 332  | 21  |
| W    | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332  | 332 |
| Th   | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332  | 332 |
| Cd   | 65  | 64  | 68  | 332 | 54  | 64  | 65  | 62  | 67  | 63  | 67  | 332 | 49  | 332  | 51  |
| Bi   | 46  | 48  | 45  | 332 | 42  | 44  | 48  | 46  | 46  | 49  | 47  | 332 | 40  | 332  | 39  |
| V    | 280 | 271 | 274 | 332 | 129 | 279 | 251 | 270 | 273 | 270 | 274 | 42  | 232 | 332  | 210 |
| Ba   | 269 | 266 | 266 | 332 | 132 | 258 | 252 | 258 | 257 | 271 | 254 | 40  | 222 | 332  | 205 |
| Sr   | 267 | 270 | 260 | 332 | 124 | 261 | 245 | 260 | 264 | 263 | 262 | 36  | 229 | 332  | 201 |
| Si%  | 88  | 81  | 85  | 332 | 45  | 78  | 85  | 73  | 73  | 87  | 80  | 332 | 68  | 332  | 69  |
| Al%  |     | 272 | 276 | 21  | 134 | 271 | 258 | 271 | 271 | 277 | 271 | 40  | 235 | 332  | 216 |
| Ca%  |     |     | 269 | 332 | 126 | 266 | 247 | 261 | 264 | 267 | 261 | 35  | 228 | 332  | 205 |
| Mg%  |     |     |     | 332 | 136 | 263 | 254 | 262 | 264 | 273 | 263 | 41  | 232 | 332  | 199 |
| Na%  |     |     |     |     | 21  | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332 | 332  | 332 |
| K%   |     |     |     |     |     | 123 | 131 | 115 | 122 | 136 | 126 | 332 | 102 | 332  | 106 |
| Ti%  |     |     |     |     |     |     | 242 | 264 | 265 | 262 | 268 | 40  | 226 | 332  | 203 |
| P%   |     |     |     |     |     |     |     | 245 | 244 | 257 | 244 | 37  | 215 | 332  | 191 |
| La   |     |     |     |     |     |     |     |     | 265 | 260 | 263 | 40  | 238 | 332  | 201 |
| B    |     |     |     |     |     |     |     |     |     | 263 | 270 | 40  | 227 | 332  | 199 |
| Cr   |     |     |     |     |     |     |     |     |     |     | 260 | 41  | 223 | 332  | 209 |
| Nb   |     |     |     |     |     |     |     |     |     |     |     | 42  | 227 | 332  | 203 |
| Zr   |     |     |     |     |     |     |     |     |     |     |     |     | 36  | 332  | 34  |
| Ce   |     |     |     |     |     |     |     |     |     |     |     |     |     | 332  | 165 |
| ICAu |     |     |     |     |     |     |     |     |     |     |     |     |     |      | 332 |

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

T=0.239 DR=0 \$.81, \$19.51T

Talus Fine Survey



PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

ARITHMETIC SUMMARY STATISTICS

TRUNCATED DATA SET

| ELEMENTS        | Mo    | Cu     | Pb    | Zn    | Ni    | U     | Mn      | Fe   | Ag   | Co    | Au     |
|-----------------|-------|--------|-------|-------|-------|-------|---------|------|------|-------|--------|
| NO OF SAMPLES   | 27    | 41     | 40    | 42    | 38    | 14    | 42      | 42   | 17   | 41    | 27     |
| DETECTION LIMIT | 1.00  | 2.00   | 2.00  | 2.00  | 2.00  | 2.00  | 10.00   | 0.10 | 0.10 | 2.00  | 5.00   |
| MINIMUM VALUE   | 2.00  | 48.00  | 9.00  | 33.00 | 11.00 | 3.00  | 315.00  | 2.90 | 0.20 | 7.00  | 10.00  |
| MAXIMUM VALUE   | 17.00 | 418.00 | 24.00 | 75.00 | 60.00 | 60.00 | 1100.00 | 5.40 | 0.70 | 40.00 | 140.00 |
| RANGE           | 15.00 | 370.00 | 15.00 | 42.00 | 49.00 | 57.00 | 785.00  | 2.50 | 0.50 | 33.00 | 130.00 |
| MEDIAN          | 4.00  | 100.00 | 14.00 | 51.00 | 20.00 | 0.0   | 575.00  | 3.80 | 0.0  | 14.00 | 20.00  |
| MODE            | 2.00  | 57.00  | 12.00 | 57.00 | 13.00 | 0.0   | 1100.00 | 3.30 | 0.0  | 13.00 | 20.00  |
| MEAN            | 5.89  | 140.20 | 14.15 | 51.26 | 21.34 | 0.0   | 617.14  | 3.90 | 0.0  | 16.44 | 30.74  |
| ST DEVIATION    | 4.49  | 94.45  | 3.24  | 10.69 | 9.52  | 0.0   | 227.96  | 0.58 | 0.0  | 7.17  | 32.45  |
| MEAN + 2SD      | 14.87 | 329.10 | 20.63 | 72.63 | 40.39 | 0.0   | 1073.06 | 5.05 | 0.0  | 30.78 | 95.65  |
| COEFF VARIATION | 0.76  | 0.67   | 0.23  | 0.21  | 0.45  | 0.0   | 0.37    | 0.15 | 0.0  | 0.44  | 1.06   |
| SKEWNESS        | 1.15  | 1.45   | 0.71  | 0.35  | 1.92  | 0.0   | 0.57    | 0.84 | 0.0  | 1.20  | 2.36   |
| KURTOSIS        | 0.21  | 1.37   | 0.77  | -0.36 | 5.27  | 0.0   | -0.91   | 0.06 | 0.0  | 1.57  | 4.69   |
| 2.5 PERCENTILE  | 2.00  | 48.00  | 9.00  | 33.00 | 11.00 | 0.0   | 315.00  | 2.90 | 0.0  | 7.00  | 10.00  |
| 5.0 PERCENTILE  | 2.00  | 57.00  | 9.00  | 35.00 | 11.00 | 0.0   | 339.00  | 3.30 | 0.0  | 8.00  | 10.00  |
| 16.5 PERCENTILE | 2.00  | 63.00  | 11.00 | 39.00 | 13.00 | 0.0   | 389.00  | 3.30 | 0.0  | 10.00 | 10.00  |
| 50.0 PERCENTILE | 4.00  | 100.00 | 14.00 | 51.00 | 20.00 | 0.0   | 575.00  | 3.80 | 0.0  | 14.00 | 20.00  |
| 82.2 PERCENTILE | 10.00 | 206.00 | 16.00 | 60.00 | 28.00 | 0.0   | 889.00  | 4.50 | 0.0  | 23.00 | 30.00  |
| 90.0 PERCENTILE | 12.00 | 259.00 | 18.00 | 65.00 | 31.00 | 0.0   | 957.00  | 4.80 | 0.0  | 25.00 | 50.00  |
| 95.0 PERCENTILE | 16.00 | 365.00 | 20.00 | 72.00 | 35.00 | 0.0   | 985.00  | 5.10 | 0.0  | 27.00 | 120.00 |
| 97.5 PERCENTILE | 16.00 | 383.00 | 20.00 | 75.00 | 38.00 | 0.0   | 1076.00 | 5.10 | 0.0  | 34.00 | 120.00 |
| 99.0 PERCENTILE | 17.00 | 418.00 | 24.00 | 75.00 | 60.00 | 0.0   | 1100.00 | 5.40 | 0.0  | 40.00 | 140.00 |

| ELEMENTS        | As    | Sb   | W    | Th   | Cd   | Bi   | V      | Ba     | Sr    | Si%  | Al%   |
|-----------------|-------|------|------|------|------|------|--------|--------|-------|------|-------|
| NO OF SAMPLES   | 32    | 18   | 5    | 5    | 28   | 11   | 42     | 42     | 42    | 30   | 42    |
| DETECTION LIMIT | 2.00  | 2.00 | 2.00 | 2.00 | 1.00 | 2.00 | 2.00   | 3.00   | 2.00  | 0.01 | 0.01  |
| MINIMUM VALUE   | 4.00  | 3.00 | 3.00 | 3.00 | 2.00 | 3.00 | 60.00  | 38.00  | 16.00 | 0.02 | 1.67  |
| MAXIMUM VALUE   | 12.00 | 5.00 | 4.00 | 4.00 | 3.00 | 4.00 | 118.00 | 132.00 | 58.00 | 0.15 | 3.68  |
| RANGE           | 8.00  | 2.00 | 1.00 | 1.00 | 1.00 | 1.00 | 58.00  | 94.00  | 42.00 | 0.13 | 2.01  |
| MEDIAN          | 7.00  | 0.0  | 0.0  | 0.0  | 2.00 | 0.0  | 81.00  | 79.00  | 25.00 | 0.03 | 2.43  |
| MODE            | 7.00  | 0.0  | 0.0  | 0.0  | 2.00 | 0.0  | 70.00  | 74.00  | 23.00 | 0.02 | 1.80  |
| MEAN            | 7.09  | 0.0  | 0.0  | 0.0  | 2.18 | 0.0  | 83.36  | 80.83  | 28.90 | 0.04 | 2.48  |
| ST DEVIATION    | 2.23  | 0.0  | 0.0  | 0.0  | 0.39 | 0.0  | 14.82  | 24.74  | 9.22  | 0.03 | 0.57  |
| MEAN + 2SD      | 11.56 | 0.0  | 0.0  | 0.0  | 2.96 | 0.0  | 112.99 | 130.31 | 47.34 | 0.10 | 3.62  |
| COEFF VARIATION | 0.31  | 0.0  | 0.0  | 0.0  | 0.18 | 0.0  | 0.18   | 0.31   | 0.32  | 0.67 | 0.23  |
| SKEWNESS        | 0.16  | 0.0  | 0.0  | 0.0  | 1.68 | 0.0  | 0.60   | 0.17   | 1.26  | 2.28 | 0.35  |
| KURTOSIS        | -0.87 | 0.0  | 0.0  | 0.0  | 0.82 | 0.0  | -0.19  | -0.82  | 1.37  | 6.11 | -1.06 |
| 2.5 PERCENTILE  | 4.00  | 0.0  | 0.0  | 0.0  | 2.00 | 0.0  | 60.00  | 38.00  | 16.00 | 0.02 | 1.67  |
| 5.0 PERCENTILE  | 4.00  | 0.0  | 0.0  | 0.0  | 2.00 | 0.0  | 61.00  | 40.00  | 18.00 | 0.02 | 1.73  |
| 16.5 PERCENTILE | 4.00  | 0.0  | 0.0  | 0.0  | 2.00 | 0.0  | 70.00  | 54.00  | 22.00 | 0.02 | 1.84  |
| 50.0 PERCENTILE | 7.00  | 0.0  | 0.0  | 0.0  | 2.00 | 0.0  | 81.00  | 79.00  | 25.00 | 0.03 | 2.43  |
| 82.2 PERCENTILE | 9.00  | 0.0  | 0.0  | 0.0  | 2.00 | 0.0  | 96.00  | 108.00 | 38.00 | 0.05 | 3.17  |
| 90.0 PERCENTILE | 10.00 | 0.0  | 0.0  | 0.0  | 3.00 | 0.0  | 104.00 | 116.00 | 40.00 | 0.06 | 3.20  |
| 95.0 PERCENTILE | 10.00 | 0.0  | 0.0  | 0.0  | 3.00 | 0.0  | 114.00 | 120.00 | 44.00 | 0.07 | 3.41  |
| 97.5 PERCENTILE | 10.00 | 0.0  | 0.0  | 0.0  | 3.00 | 0.0  | 115.00 | 124.00 | 53.00 | 0.10 | 3.56  |
| 99.0 PERCENTILE | 12.00 | 0.0  | 0.0  | 0.0  | 3.00 | 0.0  | 118.00 | 132.00 | 58.00 | 0.15 | 3.68  |

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| ELEMENTS        | Ca%  | Mg%  | Na%  | K%   | Ti%   | P%   | La    | B     | Cr     | Nb    | Zr   |
|-----------------|------|------|------|------|-------|------|-------|-------|--------|-------|------|
| NO OF SAMPLES   | 39   | 42   | 21   | 40   | 42    | 41   | 40    | 42    | 42     | 39    | 21   |
| DETECTION LIMIT | 0.01 | 0.01 | 0.01 | 0.01 | 0.01  | 0.01 | 2.00  | 3.00  | 3.00   | 3.00  | 3.00 |
| MINIMUM VALUE   | 0.18 | 0.73 | 0.02 | 0.03 | 0.07  | 0.06 | 4.00  | 7.00  | 22.00  | 14.00 | 4.00 |
| MAXIMUM VALUE   | 0.59 | 2.33 | 0.15 | 0.16 | 0.17  | 0.14 | 8.00  | 17.00 | 106.00 | 40.00 | 8.00 |
| RANGE           | 0.41 | 1.60 | 0.13 | 0.13 | 0.10  | 0.08 | 4.00  | 10.00 | 84.00  | 26.00 | 4.00 |
| MEDIAN          | 0.32 | 1.12 | 0.02 | 0.05 | 0.11  | 0.08 | 6.00  | 9.00  | 48.00  | 22.00 | 4.00 |
| MODE            | 0.38 | 1.12 | 0.02 | 0.05 | 0.12  | 0.08 | 6.00  | 9.00  | 54.00  | 24.00 | 4.00 |
| MEAN            | 0.32 | 1.20 | 0.03 | 0.06 | 0.11  | 0.08 | 5.90  | 9.43  | 48.50  | 21.79 | 4.62 |
| ST DEVIATION    | 0.10 | 0.34 | 0.03 | 0.04 | 0.03  | 0.02 | 1.30  | 2.03  | 18.04  | 5.85  | 1.07 |
| MEAN + 2SD      | 0.52 | 1.87 | 0.10 | 0.14 | 0.17  | 0.12 | 8.49  | 13.48 | 84.57  | 33.49 | 6.76 |
| COEFF VARIATION | 0.31 | 0.28 | 1.04 | 0.59 | 0.23  | 0.20 | 0.22  | 0.21  | 0.37   | 0.27  | 0.23 |
| SKEWNESS        | 0.81 | 1.54 | 2.87 | 1.44 | 0.20  | 0.83 | 0.12  | 1.41  | 1.08   | 0.76  | 1.81 |
| KURTOSIS        | 0.59 | 2.40 | 7.04 | 1.01 | -0.73 | 1.31 | -0.94 | 2.94  | 1.75   | 0.61  | 2.73 |
| 2.5 PERCENTILE  | 0.18 | 0.73 | 0.02 | 0.03 | 0.07  | 0.06 | 4.00  | 7.00  | 22.00  | 14.00 | 4.00 |
| 5.0 PERCENTILE  | 0.18 | 0.78 | 0.02 | 0.03 | 0.07  | 0.06 | 4.00  | 7.00  | 22.00  | 14.00 | 4.00 |
| 16.5 PERCENTILE | 0.21 | 0.92 | 0.02 | 0.03 | 0.08  | 0.07 | 4.00  | 8.00  | 32.00  | 15.00 | 4.00 |
| 50.0 PERCENTILE | 0.32 | 1.12 | 0.02 | 0.05 | 0.11  | 0.08 | 6.00  | 9.00  | 48.00  | 22.00 | 4.00 |
| 82.2 PERCENTILE | 0.39 | 1.40 | 0.02 | 0.09 | 0.14  | 0.10 | 7.00  | 11.00 | 59.00  | 26.00 | 5.00 |
| 90.0 PERCENTILE | 0.40 | 1.62 | 0.05 | 0.13 | 0.15  | 0.10 | 8.00  | 12.00 | 67.00  | 29.00 | 6.00 |
| 95.0 PERCENTILE | 0.48 | 1.91 | 0.10 | 0.15 | 0.16  | 0.10 | 8.00  | 13.00 | 79.00  | 31.00 | 6.00 |
| 97.5 PERCENTILE | 0.58 | 2.08 | 0.10 | 0.16 | 0.16  | 0.12 | 8.00  | 13.00 | 97.00  | 31.00 | 6.00 |
| 99.0 PERCENTILE | 0.59 | 2.33 | 0.15 | 0.16 | 0.17  | 0.14 | 8.00  | 17.00 | 106.00 | 40.00 | 8.00 |

| ELEMENTS        | Ce    | ICaU | pH    |
|-----------------|-------|------|-------|
| NO OF SAMPLES   | 24    | 5    | 35    |
| DETECTION LIMIT | 3.00  | 2.00 | 0.10  |
| MINIMUM VALUE   | 5.00  | 3.00 | 4.60  |
| MAXIMUM VALUE   | 11.00 | 4.00 | 5.40  |
| RANGE           | 6.00  | 1.00 | 0.80  |
| MEDIAN          | 8.00  | 0.0  | 5.00  |
| MODE            | 8.00  | 0.0  | 5.00  |
| MEAN            | 7.92  | 0.0  | 4.95  |
| ST DEVIATION    | 1.72  | 0.0  | 0.23  |
| MEAN + 2SD      | 11.35 | 0.0  | 5.42  |
| COEFF VARIATION | 0.22  | 0.0  | 0.05  |
| SKEWNESS        | 0.34  | 0.0  | 0.30  |
| KURTOSIS        | -0.71 | 0.0  | -0.88 |
| 2.5 PERCENTILE  | 5.00  | 0.0  | 4.60  |
| 5.0 PERCENTILE  | 5.00  | 0.0  | 4.60  |
| 16.5 PERCENTILE | 6.00  | 0.0  | 4.70  |
| 50.0 PERCENTILE | 8.00  | 0.0  | 5.00  |
| 82.2 PERCENTILE | 9.00  | 0.0  | 5.20  |
| 90.0 PERCENTILE | 11.00 | 0.0  | 5.30  |
| 95.0 PERCENTILE | 11.00 | 0.0  | 5.30  |
| 97.5 PERCENTILE | 11.00 | 0.0  | 5.40  |
| 99.0 PERCENTILE | 11.00 | 0.0  | 5.40  |

## LOGARITHMIC SUMMARY STATISTICS

TRUNCATED DATA SET

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

| ELEMENTS        | Mo    | Cu     | Pb    | Zn    | Ni    | U     | Mn      | Fe    | Ag   | Co    | Au     |
|-----------------|-------|--------|-------|-------|-------|-------|---------|-------|------|-------|--------|
| NO OF SAMPLES   | 27    | 41     | 40    | 42    | 38    | 14    | 42      | 42    | 17   | 41    | 27     |
| DETECTION LIMIT | 1.00  | 2.00   | 2.00  | 2.00  | 2.00  | 2.00  | 10.00   | 0.10  | 0.10 | 2.00  | 5.00   |
| MINIMUM VALUE   | 2.00  | 48.00  | 9.00  | 33.00 | 11.00 | 3.00  | 315.00  | 2.90  | 0.20 | 7.00  | 10.00  |
| MAXIMUM VALUE   | 17.00 | 418.00 | 24.00 | 75.00 | 60.00 | 60.00 | 1100.00 | 5.40  | 0.70 | 40.00 | 140.00 |
| RANGE           | 15.00 | 370.00 | 15.00 | 42.00 | 49.00 | 57.00 | 785.00  | 2.50  | 0.50 | 33.00 | 130.00 |
| MEDIAN          | 4.00  | 100.00 | 14.00 | 51.00 | 20.00 | 0.0   | 575.00  | 3.80  | 0.0  | 14.00 | 20.00  |
| MODE            | 2.00  | 57.00  | 12.00 | 57.00 | 13.00 | 0.0   | 1100.00 | 3.30  | 0.0  | 13.00 | 20.00  |
| MEAN            | 4.55  | 116.96 | 13.80 | 50.18 | 19.74 | 1.00  | 578.26  | 3.86  | 1.00 | 15.11 | 22.19  |
| LOG ST DEV      | 0.31  | 0.25   | 0.10  | 0.09  | 0.17  | 0.0   | 0.16    | 0.06  | 0.0  | 0.18  | 0.32   |
| MEAN + 2SD      | 19.29 | 377.73 | 21.66 | 76.34 | 42.81 | 1.00  | 1197.45 | 5.13  | 1.00 | 34.41 | 98.57  |
| COEFF VARIATION | 0.48  | 0.12   | 0.09  | 0.05  | 0.13  | 0.0   | 0.06    | 0.11  | 0.0  | 0.15  | 0.24   |
| SKEWNESS        | 0.34  | 0.57   | 0.04  | -0.08 | 0.55  | 0.0   | 0.17    | 0.55  | 0.0  | 0.21  | 0.94   |
| KURTOSIS        | -1.15 | -0.72  | -0.11 | -0.64 | 0.13  | 0.0   | -1.21   | -0.29 | 0.0  | -0.54 | 0.38   |
| 2.5 PERCENTILE  | 2.00  | 48.00  | 9.00  | 33.00 | 11.00 | 0.0   | 315.00  | 2.90  | 0.0  | 7.00  | 10.00  |
| 5.0 PERCENTILE  | 2.00  | 57.00  | 9.00  | 35.00 | 11.00 | 0.0   | 339.00  | 3.30  | 0.0  | 8.00  | 10.00  |
| 16.5 PERCENTILE | 2.00  | 63.00  | 11.00 | 39.00 | 13.00 | 0.0   | 389.00  | 3.30  | 0.0  | 10.00 | 10.00  |
| 50.0 PERCENTILE | 4.00  | 100.00 | 14.00 | 51.00 | 20.00 | 0.0   | 575.00  | 3.80  | 0.0  | 14.00 | 20.00  |
| 82.2 PERCENTILE | 10.00 | 206.00 | 16.00 | 60.00 | 28.00 | 0.0   | 889.00  | 4.50  | 0.0  | 23.00 | 30.00  |
| 90.0 PERCENTILE | 12.00 | 259.00 | 18.00 | 65.00 | 31.00 | 0.0   | 957.00  | 4.80  | 0.0  | 25.00 | 50.00  |
| 95.0 PERCENTILE | 16.00 | 365.00 | 20.00 | 72.00 | 35.00 | 0.0   | 985.00  | 5.10  | 0.0  | 27.00 | 120.00 |
| 97.5 PERCENTILE | 16.00 | 383.00 | 20.00 | 75.00 | 38.00 | 0.0   | 1076.00 | 5.10  | 0.0  | 34.00 | 120.00 |
| 99.0 PERCENTILE | 17.00 | 418.00 | 24.00 | 75.00 | 60.00 | 0.0   | 1100.00 | 5.40  | 0.0  | 40.00 | 140.00 |

| ELEMENTS        | As    | Sb   | W    | Th   | Cd   | Bi   | V      | Ba     | Sr    | Si%   | Al%   |
|-----------------|-------|------|------|------|------|------|--------|--------|-------|-------|-------|
| NO OF SAMPLES   | 32    | 18   | 5    | 5    | 28   | 11   | 42     | 42     | 42    | 30    | 42    |
| DETECTION LIMIT | 2.00  | 2.00 | 2.00 | 2.00 | 1.00 | 2.00 | 2.00   | 3.00   | 2.00  | 0.01  | 0.01  |
| MINIMUM VALUE   | 4.00  | 3.00 | 3.00 | 3.00 | 2.00 | 3.00 | 60.00  | 38.00  | 16.00 | 0.02  | 1.67  |
| MAXIMUM VALUE   | 12.00 | 5.00 | 4.00 | 4.00 | 3.00 | 4.00 | 118.00 | 132.00 | 58.00 | 0.15  | 3.68  |
| RANGE           | 8.00  | 2.00 | 1.00 | 1.00 | 1.00 | 1.00 | 58.00  | 94.00  | 42.00 | 0.13  | 2.01  |
| MEDIAN          | 7.00  | 0.0  | 0.0  | 0.0  | 2.00 | 0.0  | 81.00  | 79.00  | 25.00 | 0.03  | 2.43  |
| MODE            | 7.00  | 0.0  | 0.0  | 0.0  | 2.00 | 0.0  | 70.00  | 74.00  | 23.00 | 0.02  | 1.80  |
| MEAN            | 6.74  | 1.00 | 1.00 | 1.00 | 2.15 | 1.00 | 82.12  | 76.96  | 27.68 | 0.04  | 2.42  |
| LOG ST DEV      | 0.14  | 0.0  | 0.0  | 0.0  | 0.07 | 0.0  | 0.08   | 0.14   | 0.13  | 0.23  | 0.10  |
| MEAN + 2SD      | 13.11 | 1.00 | 1.00 | 1.00 | 2.95 | 1.00 | 116.31 | 147.45 | 49.49 | 0.10  | 3.82  |
| COEFF VARIATION | 0.17  | 0.0  | 0.0  | 0.0  | 0.21 | 0.0  | 0.04   | 0.07   | 0.09  | -0.16 | 0.26  |
| SKEWNESS        | -0.30 | 0.0  | 0.0  | 0.0  | 1.68 | 0.0  | 0.23   | -0.41  | 0.60  | 0.66  | 0.09  |
| KURTOSIS        | -1.03 | 0.0  | 0.0  | 0.0  | 0.82 | 0.0  | -0.53  | -0.56  | -0.17 | -0.02 | -1.25 |
| 2.5 PERCENTILE  | 4.00  | 0.0  | 0.0  | 0.0  | 2.00 | 0.0  | 60.00  | 38.00  | 16.00 | 0.02  | 1.67  |
| 5.0 PERCENTILE  | 4.00  | 0.0  | 0.0  | 0.0  | 2.00 | 0.0  | 61.00  | 40.00  | 18.00 | 0.02  | 1.73  |
| 16.5 PERCENTILE | 4.00  | 0.0  | 0.0  | 0.0  | 2.00 | 0.0  | 70.00  | 54.00  | 22.00 | 0.02  | 1.84  |
| 50.0 PERCENTILE | 7.00  | 0.0  | 0.0  | 0.0  | 2.00 | 0.0  | 81.00  | 79.00  | 25.00 | 0.03  | 2.43  |
| 82.2 PERCENTILE | 9.00  | 0.0  | 0.0  | 0.0  | 2.00 | 0.0  | 96.00  | 108.00 | 38.00 | 0.05  | 3.17  |
| 90.0 PERCENTILE | 10.00 | 0.0  | 0.0  | 0.0  | 3.00 | 0.0  | 104.00 | 116.00 | 40.00 | 0.06  | 3.20  |
| 95.0 PERCENTILE | 10.00 | 0.0  | 0.0  | 0.0  | 3.00 | 0.0  | 114.00 | 120.00 | 44.00 | 0.07  | 3.41  |
| 97.5 PERCENTILE | 10.00 | 0.0  | 0.0  | 0.0  | 3.00 | 0.0  | 115.00 | 124.00 | 53.00 | 0.10  | 3.56  |
| 99.0 PERCENTILE | 12.00 | 0.0  | 0.0  | 0.0  | 3.00 | 0.0  | 118.00 | 132.00 | 58.00 | 0.15  | 3.68  |

LOGARITHMIC SUMMARY STATISTICS  
 PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9  
 PROJECT NAME: TODDOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| ELEMENTS        | Ca%   | Mg%  | Na%   | K%    | Ti%   | P%    | La    | B     | Cr     | Nb    | Zr   |
|-----------------|-------|------|-------|-------|-------|-------|-------|-------|--------|-------|------|
| NO OF SAMPLES   | 39    | 42   | 21    | 40    | 42    | 41    | 40    | 42    | 42     | 39    | 21   |
| DETECTION LIMIT | 0.01  | 0.01 | 0.01  | 0.01  | 0.01  | 0.01  | 2.00  | 3.00  | 3.00   | 3.00  | 3.00 |
| MINIMUM VALUE   | 0.18  | 0.73 | 0.02  | 0.03  | 0.07  | 0.06  | 4.00  | 7.00  | 22.00  | 14.00 | 4.00 |
| MAXIMUM VALUE   | 0.59  | 2.33 | 0.15  | 0.16  | 0.17  | 0.14  | 8.00  | 17.00 | 106.00 | 40.00 | 8.00 |
| RANGE           | 0.41  | 1.60 | 0.13  | 0.13  | 0.10  | 0.08  | 4.00  | 10.00 | 84.00  | 26.00 | 4.00 |
| MEDIAN          | 0.32  | 1.12 | 0.02  | 0.05  | 0.11  | 0.08  | 6.00  | 9.00  | 48.00  | 22.00 | 4.00 |
| MODE            | 0.38  | 1.12 | 0.02  | 0.05  | 0.12  | 0.08  | 6.00  | 9.00  | 54.00  | 24.00 | 4.00 |
| MEAN            | 0.31  | 1.16 | 0.02  | 0.06  | 0.11  | 0.08  | 5.76  | 9.24  | 45.48  | 21.07 | 4.52 |
| LOG ST DEV      | 0.13  | 0.11 | 0.25  | 0.22  | 0.10  | 0.09  | 0.10  | 0.09  | 0.16   | 0.11  | 0.09 |
| MEAN + 2SD      | 0.56  | 1.92 | 0.08  | 0.15  | 0.18  | 0.12  | 9.05  | 13.73 | 94.34  | 35.54 | 6.76 |
| COEFF VARIATION | -0.26 | 1.70 | -0.15 | -0.18 | -0.11 | -0.08 | 0.13  | 0.09  | 0.10   | 0.09  | 0.13 |
| SKEWNESS        | 0.08  | 0.81 | 2.40  | 0.65  | -0.22 | 0.21  | -0.23 | 0.71  | -0.08  | 0.18  | 1.46 |
| KURTOSIS        | -0.52 | 0.61 | 4.20  | -0.42 | -0.77 | -0.10 | -0.92 | 0.61  | -0.07  | -0.70 | 1.15 |
| 2.5 PERCENTILE  | 0.18  | 0.73 | 0.02  | 0.03  | 0.07  | 0.06  | 4.00  | 7.00  | 22.00  | 14.00 | 4.00 |
| 5.0 PERCENTILE  | 0.18  | 0.78 | 0.02  | 0.03  | 0.07  | 0.06  | 4.00  | 7.00  | 22.00  | 14.00 | 4.00 |
| 16.5 PERCENTILE | 0.21  | 0.92 | 0.02  | 0.03  | 0.08  | 0.07  | 4.00  | 8.00  | 32.00  | 15.00 | 4.00 |
| 50.0 PERCENTILE | 0.32  | 1.12 | 0.02  | 0.05  | 0.11  | 0.08  | 6.00  | 9.00  | 48.00  | 22.00 | 4.00 |
| 82.2 PERCENTILE | 0.39  | 1.40 | 0.02  | 0.09  | 0.14  | 0.10  | 7.00  | 11.00 | 59.00  | 26.00 | 5.00 |
| 90.0 PERCENTILE | 0.40  | 1.62 | 0.05  | 0.13  | 0.15  | 0.10  | 8.00  | 12.00 | 67.00  | 29.00 | 6.00 |
| 95.0 PERCENTILE | 0.48  | 1.91 | 0.10  | 0.15  | 0.16  | 0.10  | 8.00  | 13.00 | 79.00  | 31.00 | 6.00 |
| 97.5 PERCENTILE | 0.58  | 2.08 | 0.10  | 0.16  | 0.16  | 0.12  | 8.00  | 13.00 | 97.00  | 31.00 | 6.00 |
| 99.0 PERCENTILE | 0.59  | 2.33 | 0.15  | 0.16  | 0.17  | 0.14  | 8.00  | 17.00 | 106.00 | 40.00 | 8.00 |

| ELEMENTS        | Ce    | ICAu | pH    |
|-----------------|-------|------|-------|
| NO OF SAMPLES   | 24    | 5    | 35    |
| DETECTION LIMIT | 3.00  | 2.00 | 0.10  |
| MINIMUM VALUE   | 5.00  | 3.00 | 4.60  |
| MAXIMUM VALUE   | 11.00 | 4.00 | 5.40  |
| RANGE           | 6.00  | 1.00 | 0.80  |
| MEDIAN          | 8.00  | 0.0  | 5.00  |
| MODE            | 8.00  | 0.0  | 5.00  |
| MEAN            | 7.74  | 1.00 | 4.94  |
| LOG ST DEV      | 0.09  | 0.0  | 0.02  |
| MEAN + 2SD      | 11.96 | 1.00 | 5.43  |
| COEFF VARIATION | 0.11  | 0.0  | 0.03  |
| SKEWNESS        | -0.04 | 0.0  | 0.23  |
| KURTOSIS        | -0.77 | 0.0  | -0.93 |
| 2.5 PERCENTILE  | 5.00  | 0.0  | 4.60  |
| 5.0 PERCENTILE  | 5.00  | 0.0  | 4.60  |
| 16.5 PERCENTILE | 6.00  | 0.0  | 4.70  |
| 50.0 PERCENTILE | 8.00  | 0.0  | 5.00  |
| 82.2 PERCENTILE | 9.00  | 0.0  | 5.20  |
| 90.0 PERCENTILE | 11.00 | 0.0  | 5.30  |
| 95.0 PERCENTILE | 11.00 | 0.0  | 5.30  |
| 97.5 PERCENTILE | 11.00 | 0.0  | 5.40  |
| 99.0 PERCENTILE | 11.00 | 0.0  | 5.40  |

## ARITHMETIC CORRELATION MATRIX

TRUNCATED DATA SET

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

## CORRELATION COEFFICIENTS

|    | Cu   | Pb   | Zn    | Ni   | U   | Mn    | Fe   | Ag  | Co   | Au    | As    | Sb  | W   | Th  | Cd   | Bi  | V     | Ba    | Sr    | Si%   |
|----|------|------|-------|------|-----|-------|------|-----|------|-------|-------|-----|-----|-----|------|-----|-------|-------|-------|-------|
| Mo | 0.46 | 0.16 | 0.08  | 0.0  | 0.0 | -0.01 | 0.35 | 0.0 | 0.11 | 0.0   | 0.11  | 0.0 | 0.0 | 0.0 | 0.52 | 0.0 | -0.06 | 0.30  | 0.45  | 0.0   |
| Cu |      | 0.13 | -0.06 | 0.02 | 0.0 | -0.12 | 0.25 | 0.0 | 0.22 | -0.27 | 0.32  | 0.0 | 0.0 | 0.0 | 0.47 | 0.0 | 0.02  | -0.08 | 0.36  | 0.19  |
| Pb |      |      | 0.36  | 0.42 | 0.0 | 0.42  | 0.57 | 0.0 | 0.21 | -0.01 | 0.25  | 0.0 | 0.0 | 0.0 | 0.43 | 0.0 | 0.28  | 0.38  | 0.15  | -0.12 |
| Zn |      |      |       | 0.41 | 0.0 | 0.71  | 0.55 | 0.0 | 0.37 | 0.36  | 0.36  | 0.0 | 0.0 | 0.0 | 0.52 | 0.0 | 0.38  | 0.48  | 0.35  | -0.08 |
| Ni |      |      |       |      | 0.0 | 0.62  | 0.22 | 0.0 | 0.66 | -0.02 | -0.00 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.22  | 0.51  | 0.15  | 0.66  |
| U  |      |      |       |      |     | 0.0   | 0.0  | 0.0 | 0.0  | 0.0   | 0.0   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0   | 0.0   | 0.0   | 0.0   |
| Mn |      |      |       |      |     |       | 0.47 | 0.0 | 0.67 | 0.05  | 0.16  | 0.0 | 0.0 | 0.0 | 0.54 | 0.0 | 0.23  | 0.51  | 0.33  | -0.08 |
| Fe |      |      |       |      |     |       |      | 0.0 | 0.36 | 0.05  | 0.19  | 0.0 | 0.0 | 0.0 | 0.56 | 0.0 | 0.34  | 0.32  | 0.49  | -0.02 |
| Ag |      |      |       |      |     |       |      |     | 0.0  | 0.0   | 0.0   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0   | 0.0   | 0.0   | 0.0   |
| Co |      |      |       |      |     |       |      |     |      | 0.10  | 0.03  | 0.0 | 0.0 | 0.0 | 0.32 | 0.0 | 0.17  | 0.25  | 0.51  | 0.46  |
| Au |      |      |       |      |     |       |      |     |      |       | 0.0   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | -0.14 | -0.08 | 0.12  | 0.0   |
| As |      |      |       |      |     |       |      |     |      |       |       | 0.0 | 0.0 | 0.0 | 0.20 | 0.0 | 0.07  | 0.13  | 0.42  | 0.0   |
| Sb |      |      |       |      |     |       |      |     |      |       |       |     | 0.0 | 0.0 | 0.0  | 0.0 | 0.0   | 0.0   | 0.0   | 0.0   |
| W  |      |      |       |      |     |       |      |     |      |       |       |     |     | 0.0 | 0.0  | 0.0 | 0.0   | 0.0   | 0.0   | 0.0   |
| Th |      |      |       |      |     |       |      |     |      |       |       |     |     |     | 0.0  | 0.0 | 0.0   | 0.0   | 0.0   | 0.0   |
| Cd |      |      |       |      |     |       |      |     |      |       |       |     |     |     |      | 0.0 | 0.21  | 0.35  | 0.35  | 0.0   |
| Bi |      |      |       |      |     |       |      |     |      |       |       |     |     |     |      |     | 0.0   | 0.0   | 0.0   | 0.0   |
| V  |      |      |       |      |     |       |      |     |      |       |       |     |     |     |      |     |       | 0.09  | -0.04 | -0.11 |
| Ba |      |      |       |      |     |       |      |     |      |       |       |     |     |     |      |     |       |       | 0.53  | 0.11  |
| Sr |      |      |       |      |     |       |      |     |      |       |       |     |     |     |      |     |       |       |       | 0.23  |

## CORRELATION COEFFICIENTS

|      | A1%   | Ca%   | Mg%   | Na% | K%    | Ti%   | P%    | La    | B     | Cr    | Nb    | Zr  | Ce    | ICAu | pH    |
|------|-------|-------|-------|-----|-------|-------|-------|-------|-------|-------|-------|-----|-------|------|-------|
| Mo   | -0.23 | -0.10 | 0.14  | 0.0 | 0.10  | 0.17  | 0.39  | 0.12  | 0.11  | 0.04  | 0.38  | 0.0 | 0.0   | 0.0  | 0.11  |
| Cu   | -0.28 | -0.19 | -0.01 | 0.0 | 0.40  | -0.27 | 0.44  | -0.36 | -0.06 | -0.11 | -0.17 | 0.0 | 0.0   | 0.0  | -0.17 |
| Pb   | 0.53  | -0.09 | 0.54  | 0.0 | -0.06 | 0.20  | 0.26  | 0.08  | 0.17  | 0.28  | 0.05  | 0.0 | 0.25  | 0.0  | 0.40  |
| Zn   | 0.49  | -0.11 | 0.69  | 0.0 | -0.05 | 0.09  | -0.09 | 0.15  | 0.19  | 0.35  | -0.02 | 0.0 | 0.27  | 0.0  | 0.27  |
| Ni   | 0.61  | 0.32  | 0.73  | 0.0 | 0.30  | 0.35  | -0.22 | 0.39  | -0.20 | 0.81  | 0.37  | 0.0 | -0.01 | 0.0  | 0.22  |
| U    | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0  | 0.0   |
| Mn   | 0.61  | 0.05  | 0.63  | 0.0 | -0.28 | -0.05 | -0.17 | 0.30  | 0.15  | 0.56  | 0.15  | 0.0 | 0.27  | 0.0  | 0.59  |
| Fe   | 0.24  | -0.20 | 0.28  | 0.0 | 0.20  | -0.07 | 0.37  | 0.28  | 0.37  | 0.11  | -0.03 | 0.0 | -0.44 | 0.0  | 0.37  |
| Ag   | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0  | 0.0   |
| Co   | 0.55  | 0.41  | 0.52  | 0.0 | -0.03 | 0.09  | 0.02  | 0.34  | -0.01 | 0.43  | 0.30  | 0.0 | 0.31  | 0.0  | 0.44  |
| Au   | -0.01 | 0.07  | -0.04 | 0.0 | -0.28 | 0.10  | -0.17 | 0.04  | 0.19  | -0.07 | 0.37  | 0.0 | 0.0   | 0.0  | 0.0   |
| As   | -0.02 | -0.05 | 0.18  | 0.0 | 0.29  | 0.17  | 0.28  | -0.11 | 0.10  | -0.12 | -0.16 | 0.0 | 0.0   | 0.0  | 0.09  |
| Sb   | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0  | 0.0   |
| W    | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0  | 0.0   |
| Th   | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0  | 0.0   |
| Cd   | 0.16  | -0.11 | 0.46  | 0.0 | -0.04 | -0.11 | 0.06  | -0.10 | 0.18  | 0.42  | 0.14  | 0.0 | 0.0   | 0.0  | 0.07  |
| Bi   | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0  | 0.0   |
| V    | 0.47  | 0.00  | 0.65  | 0.0 | 0.03  | 0.35  | 0.23  | 0.62  | 0.27  | 0.27  | -0.14 | 0.0 | 0.01  | 0.0  | 0.12  |
| Ba   | 0.51  | 0.05  | 0.42  | 0.0 | 0.12  | 0.29  | 0.10  | 0.34  | 0.26  | 0.29  | 0.38  | 0.0 | 0.46  | 0.0  | 0.55  |
| Sr   | 0.12  | 0.06  | 0.18  | 0.0 | 0.42  | 0.03  | 0.32  | 0.16  | 0.26  | 0.02  | 0.13  | 0.0 | 0.01  | 0.0  | 0.40  |
| Si%  | 0.20  | 0.40  | 0.02  | 0.0 | 0.19  | 0.13  | -0.05 | 0.18  | -0.25 | 0.05  | 0.49  | 0.0 | 0.0   | 0.0  | 0.0   |
| Al%  |       | 0.31  | 0.62  | 0.0 | -0.29 | 0.36  | -0.28 | 0.57  | 0.18  | 0.55  | 0.34  | 0.0 | 0.22  | 0.0  | 0.59  |
| Ca%  |       |       | 0.18  | 0.0 | -0.30 | 0.41  | -0.16 | 0.35  | -0.20 | 0.21  | 0.53  | 0.0 | 0.10  | 0.0  | 0.38  |
| Mg%  |       |       |       | 0.0 | -0.13 | 0.24  | 0.07  | 0.30  | 0.10  | 0.66  | 0.10  | 0.0 | -0.08 | 0.0  | 0.30  |
| Na%  |       |       |       |     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0  | 0.0   |
| K%   |       |       |       |     |       | 0.01  | 0.64  | -0.20 | 0.14  | -0.29 | -0.20 | 0.0 | 0.0   | 0.0  | -0.17 |
| Ti%  |       |       |       |     |       |       | -0.08 | 0.33  | 0.12  | -0.01 | 0.46  | 0.0 | 0.44  | 0.0  | 0.08  |
| P%   |       |       |       |     |       |       |       | 0.05  | 0.26  | -0.16 | -0.14 | 0.0 | 0.0   | 0.0  | -0.00 |
| La   |       |       |       |     |       |       |       |       | 0.31  | 0.40  | 0.34  | 0.0 | 0.45  | 0.0  | 0.45  |
| B    |       |       |       |     |       |       |       |       |       | -0.18 | 0.06  | 0.0 | 0.35  | 0.0  | 0.08  |
| Cr   |       |       |       |     |       |       |       |       |       |       | 0.25  | 0.0 | -0.19 | 0.0  | 0.47  |
| Nb   |       |       |       |     |       |       |       |       |       |       |       | 0.0 | 0.30  | 0.0  | 0.52  |
| Zr   |       |       |       |     |       |       |       |       |       |       |       |     | 0.0   | 0.0  | 0.0   |
| Ce   |       |       |       |     |       |       |       |       |       |       |       |     |       | 0.0  | 0.0   |
| ICAu |       |       |       |     |       |       |       |       |       |       |       |     |       |      | 0.0   |

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

NUMBER OF OBSERVATIONS

|    | Cu | Pb | Zn | Ni | U  | Mn | Fe | Ag | Co | Au | As | Sb | W  | Th | Cd | Bi | V  | Ba | Sr | Si% |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| Mo | 24 | 22 | 23 | 47 | 47 | 23 | 24 | 47 | 22 | 47 | 21 | 47 | 47 | 47 | 21 | 47 | 24 | 24 | 23 | 47  |
| Cu |    | 35 | 37 | 33 | 47 | 37 | 37 | 47 | 37 | 25 | 26 | 47 | 47 | 47 | 24 | 47 | 38 | 37 | 37 | 27  |
| Pb |    |    | 38 | 33 | 47 | 38 | 39 | 47 | 38 | 25 | 28 | 47 | 47 | 47 | 25 | 47 | 39 | 37 | 37 | 24  |
| Zn |    |    |    | 35 | 47 | 39 | 39 | 47 | 38 | 26 | 29 | 47 | 47 | 47 | 25 | 47 | 40 | 39 | 39 | 27  |
| Ni |    |    |    |    | 47 | 34 | 34 | 47 | 33 | 22 | 25 | 47 | 47 | 47 | 47 | 47 | 35 | 34 | 34 | 27  |
| U  |    |    |    |    |    | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47  |
| Mn |    |    |    |    |    |    | 41 | 47 | 39 | 24 | 29 | 47 | 47 | 47 | 25 | 47 | 39 | 38 | 38 | 27  |
| Fe |    |    |    |    |    |    |    | 47 | 39 | 25 | 30 | 47 | 47 | 47 | 26 | 47 | 39 | 38 | 38 | 26  |
| Ag |    |    |    |    |    |    |    |    | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47  |
| Co |    |    |    |    |    |    |    |    |    | 25 | 28 | 47 | 47 | 47 | 25 | 47 | 39 | 38 | 38 | 25  |
| Au |    |    |    |    |    |    |    |    |    |    | 47 | 47 | 47 | 47 | 47 | 47 | 26 | 24 | 25 | 47  |
| As |    |    |    |    |    |    |    |    |    |    |    | 47 | 47 | 47 | 21 | 47 | 29 | 29 | 30 | 47  |
| Sb |    |    |    |    |    |    |    |    |    |    |    |    | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47  |
| W  |    |    |    |    |    |    |    |    |    |    |    |    |    | 47 | 47 | 47 | 47 | 47 | 47 | 47  |
| Th |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 47 | 47 | 47 | 47 | 47 | 47  |
| Cd |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 47 | 47 | 47 | 47 | 47  |
| Bi |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 47 | 47 | 47 | 47  |
| V  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 39 | 39 | 26  |
| Ba |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 39 | 27  |
| Sr |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 26  |

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

NUMBER OF OBSERVATIONS

|      | A1% | Ca% | Mg% | Na% | K% | Ti% | P% | La | B  | Cr | Nb | Zr | Ce | ICAu | pH |
|------|-----|-----|-----|-----|----|-----|----|----|----|----|----|----|----|------|----|
| Mo   | 26  | 22  | 24  | 47  | 24 | 23  | 24 | 23 | 25 | 24 | 22 | 47 | 47 | 47   | 22 |
| Cu   | 37  | 35  | 37  | 47  | 36 | 36  | 36 | 34 | 36 | 36 | 33 | 47 | 47 | 47   | 30 |
| Pb   | 38  | 36  | 37  | 47  | 33 | 37  | 35 | 36 | 38 | 38 | 35 | 47 | 23 | 47   | 30 |
| Zn   | 39  | 36  | 39  | 47  | 36 | 39  | 37 | 37 | 39 | 40 | 37 | 47 | 23 | 47   | 33 |
| Ni   | 34  | 33  | 36  | 47  | 33 | 33  | 33 | 33 | 34 | 37 | 31 | 47 | 22 | 47   | 27 |
| U    | 47  | 47  | 47  | 47  | 47 | 47  | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47   | 47 |
| Mn   | 39  | 36  | 39  | 47  | 36 | 38  | 38 | 37 | 40 | 39 | 37 | 47 | 24 | 47   | 31 |
| Fe   | 40  | 37  | 39  | 47  | 36 | 38  | 38 | 38 | 40 | 39 | 37 | 47 | 24 | 47   | 31 |
| Ag   | 47  | 47  | 47  | 47  | 47 | 47  | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47   | 47 |
| Co   | 37  | 36  | 37  | 47  | 35 | 38  | 37 | 36 | 39 | 38 | 35 | 47 | 23 | 47   | 31 |
| Au   | 26  | 23  | 25  | 47  | 24 | 25  | 24 | 26 | 25 | 26 | 24 | 47 | 47 | 47   | 47 |
| As   | 30  | 27  | 29  | 47  | 27 | 29  | 27 | 30 | 31 | 29 | 27 | 47 | 47 | 47   | 27 |
| Sb   | 47  | 47  | 47  | 47  | 47 | 47  | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47   | 47 |
| W    | 47  | 47  | 47  | 47  | 47 | 47  | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47   | 47 |
| Th   | 47  | 47  | 47  | 47  | 47 | 47  | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47   | 47 |
| Cd   | 27  | 23  | 24  | 47  | 24 | 24  | 24 | 25 | 27 | 24 | 22 | 47 | 47 | 47   | 24 |
| Bi   | 47  | 47  | 47  | 47  | 47 | 47  | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47   | 47 |
| V    | 39  | 36  | 39  | 47  | 35 | 38  | 37 | 37 | 39 | 40 | 36 | 47 | 22 | 47   | 32 |
| Ba   | 39  | 37  | 39  | 47  | 36 | 38  | 39 | 36 | 38 | 39 | 35 | 47 | 21 | 47   | 31 |
| Sr   | 38  | 37  | 38  | 47  | 36 | 38  | 37 | 38 | 38 | 38 | 35 | 47 | 23 | 47   | 31 |
| Si%  | 25  | 27  | 27  | 47  | 26 | 27  | 26 | 25 | 26 | 27 | 25 | 47 | 47 | 47   | 47 |
| Al%  |     | 36  | 39  | 47  | 35 | 38  | 38 | 38 | 39 | 39 | 36 | 47 | 22 | 47   | 31 |
| Ca%  |     |     | 36  | 47  | 34 | 35  | 35 | 35 | 36 | 36 | 33 | 47 | 21 | 47   | 28 |
| Mg%  |     |     |     | 47  | 36 | 38  | 38 | 37 | 39 | 40 | 36 | 47 | 21 | 47   | 31 |
| Na%  |     |     |     |     | 47 | 47  | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47   | 47 |
| K%   |     |     |     |     |    | 35  | 36 | 34 | 36 | 37 | 32 | 47 | 47 | 47   | 29 |
| Ti%  |     |     |     |     |    |     | 38 | 38 | 39 | 38 | 37 | 47 | 23 | 47   | 32 |
| P%   |     |     |     |     |    |     |    | 36 | 37 | 38 | 35 | 47 | 47 | 47   | 29 |
| La   |     |     |     |     |    |     |    |    | 38 | 37 | 35 | 47 | 23 | 47   | 30 |
| B    |     |     |     |     |    |     |    |    |    | 39 | 37 | 47 | 23 | 47   | 33 |
| Cr   |     |     |     |     |    |     |    |    |    |    | 36 | 47 | 23 | 47   | 31 |
| Nb   |     |     |     |     |    |     |    |    |    |    |    | 47 | 21 | 47   | 30 |
| Zr   |     |     |     |     |    |     |    |    |    |    |    |    | 47 | 47   | 47 |
| Ce   |     |     |     |     |    |     |    |    |    |    |    |    |    | 47   | 47 |
| ICAu |     |     |     |     |    |     |    |    |    |    |    |    |    |      | 47 |

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9  
 PROJECT NAME: TODDOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982



## LOGARITHMIC CORRELATION MATRIX

TRUNCATED DATA SET

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

## CORRELATION COEFFICIENTS

|    | Cu   | Pb   | Zn    | Ni    | U   | Mn    | Fe   | Ag  | Co   | Au    | As   | Sb  | W   | Th  | Cd   | Bi  | V     | Ba    | Sr   | Si%   |
|----|------|------|-------|-------|-----|-------|------|-----|------|-------|------|-----|-----|-----|------|-----|-------|-------|------|-------|
| Mo | 0.50 | 0.15 | 0.13  | 0.0   | 0.0 | -0.06 | 0.34 | 0.0 | 0.09 | 0.0   | 0.26 | 0.0 | 0.0 | 0.0 | 0.50 | 0.0 | -0.14 | 0.30  | 0.47 | 0.0   |
| Cu |      | 0.07 | -0.10 | -0.01 | 0.0 | -0.12 | 0.21 | 0.0 | 0.30 | -0.29 | 0.32 | 0.0 | 0.0 | 0.0 | 0.34 | 0.0 | -0.03 | 0.01  | 0.46 | 0.17  |
| Pb |      |      | 0.39  | 0.45  | 0.0 | 0.42  | 0.58 | 0.0 | 0.24 | 0.10  | 0.27 | 0.0 | 0.0 | 0.0 | 0.41 | 0.0 | 0.28  | 0.41  | 0.19 | -0.09 |
| Zn |      |      |       | 0.38  | 0.0 | 0.66  | 0.51 | 0.0 | 0.33 | 0.36  | 0.34 | 0.0 | 0.0 | 0.0 | 0.49 | 0.0 | 0.36  | 0.49  | 0.33 | -0.05 |
| Ni |      |      |       |       | 0.0 | 0.57  | 0.24 | 0.0 | 0.65 | 0.03  | 0.04 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.23  | 0.54  | 0.20 | 0.43  |
| U  |      |      |       |       |     | 0.0   | 0.0  | 0.0 | 0.0  | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0   | 0.0   | 0.0  | 0.0   |
| Mn |      |      |       |       |     |       | 0.43 | 0.0 | 0.74 | 0.05  | 0.09 | 0.0 | 0.0 | 0.0 | 0.54 | 0.0 | 0.23  | 0.53  | 0.32 | -0.01 |
| Fe |      |      |       |       |     |       |      | 0.0 | 0.33 | 0.04  | 0.25 | 0.0 | 0.0 | 0.0 | 0.55 | 0.0 | 0.36  | 0.37  | 0.51 | -0.02 |
| Ag |      |      |       |       |     |       |      |     | 0.0  | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0   | 0.0   | 0.0  | 0.0   |
| Co |      |      |       |       |     |       |      |     |      | 0.04  | 0.01 | 0.0 | 0.0 | 0.0 | 0.32 | 0.0 | 0.13  | 0.37  | 0.52 | 0.39  |
| Au |      |      |       |       |     |       |      |     |      |       | 0.0  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | -0.16 | -0.12 | 0.06 | 0.0   |
| As |      |      |       |       |     |       |      |     |      |       |      | 0.0 | 0.0 | 0.0 | 0.22 | 0.0 | 0.07  | 0.13  | 0.42 | 0.0   |
| Sb |      |      |       |       |     |       |      |     |      |       |      |     | 0.0 | 0.0 | 0.0  | 0.0 | 0.0   | 0.0   | 0.0  | 0.0   |
| W  |      |      |       |       |     |       |      |     |      |       |      |     |     | 0.0 | 0.0  | 0.0 | 0.0   | 0.0   | 0.0  | 0.0   |
| Th |      |      |       |       |     |       |      |     |      |       |      |     |     |     | 0.0  | 0.0 | 0.0   | 0.0   | 0.0  | 0.0   |
| Cd |      |      |       |       |     |       |      |     |      |       |      |     |     |     |      | 0.0 | 0.19  | 0.35  | 0.36 | 0.0   |
| Bi |      |      |       |       |     |       |      |     |      |       |      |     |     |     |      |     | 0.0   | 0.0   | 0.0  | 0.0   |
| V  |      |      |       |       |     |       |      |     |      |       |      |     |     |     |      |     |       | 0.15  | 0.01 | -0.10 |
| Ba |      |      |       |       |     |       |      |     |      |       |      |     |     |     |      |     |       |       | 0.59 | 0.24  |
| Sr |      |      |       |       |     |       |      |     |      |       |      |     |     |     |      |     |       |       |      | 0.25  |

## CORRELATION COEFFICIENTS

|      | A1%   | Ca%   | Mg%   | Na% | K%    | Ti%   | P%    | La    | B     | Cr    | Nb    | Zr  | Ce    | ICAu | pH    |
|------|-------|-------|-------|-----|-------|-------|-------|-------|-------|-------|-------|-----|-------|------|-------|
| Mo   | -0.29 | -0.21 | 0.12  | 0.0 | 0.28  | 0.20  | 0.50  | -0.05 | 0.05  | -0.06 | 0.24  | 0.0 | 0.0   | 0.0  | 0.03  |
| Cu   | -0.25 | -0.19 | -0.02 | 0.0 | 0.51  | -0.25 | 0.46  | -0.30 | -0.00 | -0.18 | -0.25 | 0.0 | 0.0   | 0.0  | -0.19 |
| Pb   | 0.54  | -0.10 | 0.50  | 0.0 | -0.17 | 0.18  | 0.16  | 0.14  | 0.16  | 0.29  | 0.13  | 0.0 | 0.24  | 0.0  | 0.43  |
| Zn   | 0.50  | -0.07 | 0.68  | 0.0 | -0.08 | 0.09  | -0.09 | 0.11  | 0.16  | 0.28  | 0.04  | 0.0 | 0.25  | 0.0  | 0.27  |
| Ni   | 0.61  | 0.35  | 0.75  | 0.0 | 0.14  | 0.36  | -0.23 | 0.42  | -0.21 | 0.83  | 0.50  | 0.0 | 0.09  | 0.0  | 0.39  |
| U    | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0  | 0.0   |
| Mn   | 0.60  | 0.17  | 0.65  | 0.0 | -0.31 | -0.07 | -0.17 | 0.33  | 0.15  | 0.55  | 0.22  | 0.0 | 0.32  | 0.0  | 0.58  |
| Fe   | 0.22  | -0.21 | 0.31  | 0.0 | 0.14  | -0.07 | 0.38  | 0.26  | 0.40  | 0.09  | 0.00  | 0.0 | 0.43  | 0.0  | 0.37  |
| Ag   | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0  | 0.0   |
| Co   | 0.56  | 0.46  | 0.58  | 0.0 | -0.03 | 0.07  | -0.02 | 0.32  | -0.01 | 0.46  | 0.34  | 0.0 | 0.42  | 0.0  | 0.46  |
| Au   | -0.02 | 0.06  | -0.05 | 0.0 | -0.34 | 0.18  | -0.16 | -0.03 | 0.23  | -0.05 | 0.35  | 0.0 | 0.0   | 0.0  | 0.0   |
| As   | 0.01  | -0.06 | 0.19  | 0.0 | 0.22  | 0.17  | 0.27  | -0.07 | 0.11  | -0.15 | -0.11 | 0.0 | 0.0   | 0.0  | 0.08  |
| Sb   | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0  | 0.0   |
| W    | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0  | 0.0   |
| Th   | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0  | 0.0   |
| Cd   | 0.16  | -0.05 | 0.45  | 0.0 | -0.08 | -0.09 | 0.03  | -0.08 | 0.18  | 0.31  | 0.22  | 0.0 | 0.0   | 0.0  | 0.08  |
| Bi   | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0  | 0.0   |
| V    | 0.51  | 0.02  | 0.63  | 0.0 | -0.03 | 0.32  | 0.18  | 0.65  | 0.30  | 0.27  | -0.11 | 0.0 | 0.04  | 0.0  | 0.14  |
| Ba   | 0.56  | 0.11  | 0.52  | 0.0 | 0.09  | 0.25  | 0.10  | 0.41  | 0.21  | 0.26  | 0.45  | 0.0 | 0.57  | 0.0  | 0.58  |
| Sr   | 0.21  | 0.09  | 0.26  | 0.0 | 0.43  | 0.05  | 0.35  | 0.25  | 0.26  | -0.01 | 0.20  | 0.0 | 0.07  | 0.0  | 0.45  |
| Si%  | 0.26  | 0.52  | 0.09  | 0.0 | -0.01 | 0.24  | -0.11 | 0.26  | -0.30 | 0.12  | 0.45  | 0.0 | 0.0   | 0.0  | 0.0   |
| Al%  |       | 0.35  | 0.67  | 0.0 | -0.28 | 0.31  | -0.27 | 0.62  | 0.15  | 0.56  | 0.39  | 0.0 | 0.25  | 0.0  | 0.58  |
| Ca%  |       |       | 0.28  | 0.0 | -0.30 | 0.44  | -0.16 | 0.37  | -0.23 | 0.31  | 0.53  | 0.0 | 0.18  | 0.0  | 0.31  |
| Mg%  |       |       |       | 0.0 | -0.14 | 0.25  | -0.01 | 0.38  | 0.07  | 0.61  | 0.20  | 0.0 | -0.02 | 0.0  | 0.36  |
| Na%  |       |       |       |     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0 | 0.0   | 0.0  | 0.0   |
| K%   |       |       |       |     |       | -0.07 | 0.61  | -0.28 | 0.14  | -0.34 | -0.24 | 0.0 | 0.0   | 0.0  | -0.18 |
| Ti%  |       |       |       |     |       |       | -0.09 | 0.33  | 0.07  | 0.02  | 0.48  | 0.0 | 0.46  | 0.0  | 0.05  |
| P%   |       |       |       |     |       |       |       | 0.02  | 0.31  | -0.22 | -0.17 | 0.0 | 0.0   | 0.0  | -0.02 |
| La   |       |       |       |     |       |       |       |       | 0.32  | 0.41  | 0.37  | 0.0 | 0.46  | 0.0  | 0.46  |
| B    |       |       |       |     |       |       |       |       |       | -0.20 | 0.02  | 0.0 | 0.28  | 0.0  | 0.10  |
| Cr   |       |       |       |     |       |       |       |       |       |       | 0.34  | 0.0 | -0.11 | 0.0  | 0.46  |
| Nb   |       |       |       |     |       |       |       |       |       |       |       | 0.0 | 0.39  | 0.0  | 0.54  |
| Zr   |       |       |       |     |       |       |       |       |       |       |       |     | 0.0   | 0.0  | 0.0   |
| Ce   |       |       |       |     |       |       |       |       |       |       |       |     |       | 0.0  | 0.0   |
| ICAu |       |       |       |     |       |       |       |       |       |       |       |     |       |      | 0.0   |

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9  
PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

NUMBER OF OBSERVATIONS

|    | Cu | Pb | Zn | Ni | U  | Mn | Fe | Ag | Co | Au | As | Sb | W  | Th | Cd | Bi | V  | Ba | Sr | Si% |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| Mo | 24 | 22 | 23 | 47 | 47 | 23 | 24 | 47 | 22 | 47 | 21 | 47 | 47 | 47 | 21 | 47 | 24 | 24 | 23 | 47  |
| Cu |    | 35 | 37 | 33 | 47 | 37 | 37 | 47 | 37 | 25 | 26 | 47 | 47 | 47 | 24 | 47 | 38 | 37 | 37 | 27  |
| Pb |    |    | 38 | 33 | 47 | 38 | 39 | 47 | 38 | 25 | 28 | 47 | 47 | 47 | 25 | 47 | 39 | 37 | 37 | 24  |
| Zn |    |    |    | 35 | 47 | 39 | 39 | 47 | 38 | 26 | 29 | 47 | 47 | 47 | 25 | 47 | 40 | 39 | 39 | 27  |
| Ni |    |    |    |    | 47 | 34 | 34 | 47 | 33 | 22 | 25 | 47 | 47 | 47 | 47 | 47 | 35 | 34 | 34 | 27  |
| U  |    |    |    |    |    | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47  |
| Mn |    |    |    |    |    |    | 41 | 47 | 39 | 24 | 29 | 47 | 47 | 47 | 25 | 47 | 39 | 38 | 38 | 27  |
| Fe |    |    |    |    |    |    |    | 47 | 39 | 25 | 30 | 47 | 47 | 47 | 26 | 47 | 39 | 38 | 38 | 26  |
| Ag |    |    |    |    |    |    |    |    | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47  |
| Co |    |    |    |    |    |    |    |    |    | 25 | 28 | 47 | 47 | 47 | 25 | 47 | 39 | 38 | 38 | 25  |
| Au |    |    |    |    |    |    |    |    |    |    | 47 | 47 | 47 | 47 | 47 | 47 | 26 | 24 | 25 | 47  |
| As |    |    |    |    |    |    |    |    |    |    |    | 47 | 47 | 47 | 47 | 47 | 29 | 29 | 30 | 47  |
| Sb |    |    |    |    |    |    |    |    |    |    |    |    | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47  |
| W  |    |    |    |    |    |    |    |    |    |    |    |    |    | 47 | 47 | 47 | 47 | 47 | 47 | 47  |
| Th |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 47 | 47 | 47 | 47 | 47 | 47  |
| Cd |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 47 | 47 | 47 | 47 | 47 | 47  |
| Bi |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 47 | 25 | 25 | 25 | 47  |
| V  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 47 | 47 | 47 | 47  |
| Ba |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 39 | 39 | 26  |
| Sr |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 39 | 27  |
|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 26  |

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

NUMBER OF OBSERVATIONS

|      | Al% | Ca% | Mg% | Na% | K% | Ti% | P% | La | B  | Cr | Nb | Zr | Ce | ICAu | pH |
|------|-----|-----|-----|-----|----|-----|----|----|----|----|----|----|----|------|----|
| Mo   | 26  | 22  | 24  | 47  | 24 | 23  | 24 | 23 | 25 | 24 | 22 | 47 | 47 | 47   | 22 |
| Cu   | 37  | 35  | 37  | 47  | 36 | 36  | 36 | 34 | 36 | 36 | 33 | 47 | 47 | 47   | 30 |
| Pb   | 38  | 36  | 37  | 47  | 33 | 37  | 35 | 36 | 38 | 38 | 35 | 47 | 23 | 47   | 30 |
| Zn   | 39  | 36  | 39  | 47  | 36 | 39  | 37 | 37 | 39 | 40 | 37 | 47 | 23 | 47   | 33 |
| Ni   | 34  | 33  | 36  | 47  | 33 | 33  | 33 | 33 | 34 | 37 | 31 | 47 | 22 | 47   | 27 |
| U    | 47  | 47  | 47  | 47  | 47 | 47  | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47   | 47 |
| Mn   | 39  | 36  | 39  | 47  | 36 | 38  | 38 | 37 | 40 | 39 | 37 | 47 | 24 | 47   | 31 |
| Fe   | 40  | 37  | 39  | 47  | 36 | 38  | 38 | 38 | 40 | 39 | 37 | 47 | 24 | 47   | 31 |
| Ag   | 47  | 47  | 47  | 47  | 47 | 47  | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47   | 47 |
| Co   | 37  | 36  | 37  | 47  | 35 | 38  | 37 | 36 | 39 | 38 | 35 | 47 | 23 | 47   | 31 |
| Au   | 26  | 23  | 25  | 47  | 24 | 25  | 24 | 26 | 25 | 26 | 24 | 47 | 47 | 47   | 47 |
| As   | 30  | 27  | 29  | 47  | 27 | 29  | 27 | 30 | 31 | 29 | 27 | 47 | 47 | 47   | 27 |
| Sb   | 47  | 47  | 47  | 47  | 47 | 47  | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47   | 47 |
| W    | 47  | 47  | 47  | 47  | 47 | 47  | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47   | 47 |
| Th   | 47  | 47  | 47  | 47  | 47 | 47  | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47   | 47 |
| Cd   | 27  | 23  | 24  | 47  | 24 | 24  | 24 | 25 | 27 | 24 | 22 | 47 | 47 | 47   | 24 |
| Bi   | 47  | 47  | 47  | 47  | 47 | 47  | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47   | 47 |
| V    | 39  | 36  | 39  | 47  | 35 | 38  | 37 | 37 | 39 | 40 | 36 | 47 | 22 | 47   | 32 |
| Ba   | 39  | 37  | 39  | 47  | 36 | 38  | 39 | 36 | 38 | 39 | 35 | 47 | 21 | 47   | 31 |
| Sr   | 38  | 37  | 38  | 47  | 36 | 38  | 37 | 38 | 38 | 38 | 35 | 47 | 23 | 47   | 31 |
| Si%  | 25  | 27  | 27  | 47  | 26 | 27  | 26 | 25 | 26 | 27 | 25 | 47 | 47 | 47   | 47 |
| Al%  |     | 36  | 39  | 47  | 35 | 38  | 38 | 38 | 39 | 39 | 36 | 47 | 22 | 47   | 31 |
| Ca%  |     |     | 36  | 47  | 34 | 35  | 35 | 35 | 36 | 36 | 33 | 47 | 21 | 47   | 28 |
| Mg%  |     |     |     | 47  | 36 | 38  | 38 | 37 | 39 | 40 | 36 | 47 | 21 | 47   | 31 |
| Na%  |     |     |     |     | 47 | 47  | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47   | 47 |
| K%   |     |     |     |     |    | 35  | 36 | 34 | 36 | 37 | 32 | 47 | 47 | 47   | 29 |
| Ti%  |     |     |     |     |    |     | 38 | 38 | 39 | 38 | 37 | 47 | 23 | 47   | 32 |
| P%   |     |     |     |     |    |     |    | 36 | 37 | 38 | 35 | 47 | 47 | 47   | 29 |
| La   |     |     |     |     |    |     |    |    | 38 | 37 | 35 | 47 | 23 | 47   | 30 |
| B    |     |     |     |     |    |     |    |    |    | 39 | 37 | 47 | 23 | 47   | 33 |
| Cr   |     |     |     |     |    |     |    |    |    |    | 36 | 47 | 23 | 47   | 31 |
| Nb   |     |     |     |     |    |     |    |    |    |    |    | 47 | 21 | 47   | 30 |
| Zr   |     |     |     |     |    |     |    |    |    |    |    |    | 47 | 47   | 47 |
| Ce   |     |     |     |     |    |     |    |    |    |    |    |    |    | 47   | 47 |
| ICAu |     |     |     |     |    |     |    |    |    |    |    |    |    |      | 47 |

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9  
 PROJECT NAME: TODDOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

T=0.241 DR=0 \$.81, \$9.28T

Appendix 4

Histograms for trace element distributions.

Histograms selected on the basis of  
coefficient of variations less than 0.5  
(arithmetic) or greater than 0.5 (logarithmic)

Soil Survey

ARITHMETIC VALUES

INTERVAL INCREMENT 1.000 NO. SAMPLES 104

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9

PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | Mo    | %    | C%    |
|--------------|-------|------|-------|
| 1.00         |       | 0.0  | 0.0   |
| 2.00         |       | 0.0  | 0.0   |
| 3.00         | ***** | 24.0 | 24.0  |
| 4.00         | ***** | 13.5 | 37.5  |
| 5.00         | ***** | 14.4 | 51.9  |
| 6.00         | ***** | 9.6  | 61.5  |
| 7.00         | ***** | 7.7  | 69.2  |
| 8.00         | ***** | 8.7  | 77.9  |
| 9.00         | ***** | 7.7  | 85.6  |
| 10.00        | ***** | 6.7  | 92.3  |
| 11.00        | **    | 2.9  | 95.2  |
| 12.00        | ***   | 3.8  | 99.0  |
| 13.00        |       | 1.0  | 100.0 |
| 14.00        |       | 0.0  | 100.0 |
| 15.00        |       | 0.0  | 100.0 |
| 16.00        |       | 0.0  | 100.0 |
| 17.00        |       | 0.0  | 100.0 |
| 18.00        |       | 0.0  | 100.0 |
| 19.00        |       | 0.0  | 100.0 |
| 20.00        |       | 0.0  | 100.0 |
| 21.00        |       | 0.0  | 100.0 |
| 22.00        |       | 0.0  | 100.0 |
| 23.00        |       | 0.0  | 100.0 |
| 24.00        |       | 0.0  | 100.0 |
| 25.00        |       | 0.0  | 100.0 |

0      10      20      30      40      50      60      70      80      90      100

% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES

INTERVAL INCREMENT 0.812 NO. SAMPLES 265

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9

PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | Pb    | %    | C%   |
|--------------|-------|------|------|
| 4.03         |       |      |      |
| 4.84         |       | 0.0  | 0.0  |
| 5.65         |       | 0.0  | 0.0  |
| 6.46         |       | 0.0  | 0.0  |
| 7.27         |       | 0.0  | 0.0  |
| 8.09         |       | 0.0  | 0.0  |
| 8.90         |       | 0.0  | 0.0  |
| 9.71         | ****  | 4.5  | 4.5  |
| 10.52        | ***** | 10.6 | 15.1 |
| 11.33        | ***** | 12.1 | 27.2 |
| 12.15        | ***** | 9.1  | 36.2 |
| 12.96        |       | 0.0  | 36.2 |
| 13.77        | ***** | 17.0 | 53.2 |
| 14.58        | ***** | 12.5 | 65.7 |
| 15.39        | ***** | 9.1  | 74.7 |
| 16.21        | ***** | 7.9  | 82.6 |
| 17.02        |       | 6.8  | 89.4 |
| 17.83        |       | 0.0  | 89.4 |
| 18.64        | ***   | 3.0  | 92.5 |
| 19.45        | **    | 2.3  | 94.7 |
| 20.27        | *     | 1.9  | 96.6 |
| 21.08        |       | 0.0  | 96.6 |
| 21.89        |       | 0.0  | 96.6 |
| 22.70        | *     | 1.1  | 97.7 |
| 23.51        |       | 0.8  | 98.5 |

0      10      20      30      40      50      60      70      80      90      100

% OF SAMPLES IN CLASS INTERVAL



ARITHMETIC VALUES

INTERVAL INCREMENT 0.240 NO. SAMPLES 294

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9

PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

Fe

INTERVAL PPM

%

C%

| INTERVAL PPM | Fe    | %    | C%    |
|--------------|-------|------|-------|
| 0.65         |       |      |       |
| 0.89         |       | 0.0  | 0.0   |
| 1.13         |       | 0.0  | 0.0   |
| 1.37         |       | 0.0  | 0.0   |
| 1.61         |       | 0.0  | 0.0   |
| 1.85         |       | 0.0  | 0.0   |
| 2.09         |       | 0.0  | 0.0   |
| 2.33         | ***** | 7.8  | 7.8   |
| 2.57         | ***** | 5.8  | 13.6  |
| 2.81         | ***** | 11.2 | 24.8  |
| 3.05         | ***** | 11.6 | 36.4  |
| 3.29         | ***** | 9.9  | 46.3  |
| 3.54         | ***** | 10.5 | 56.8  |
| 3.78         | ***** | 9.9  | 66.7  |
| 4.02         | ***** | 7.8  | 74.5  |
| 4.26         | ****  | 4.4  | 78.9  |
| 4.50         | ****  | 4.1  | 83.0  |
| 4.74         | ****  | 4.4  | 87.4  |
| 4.98         | *     | 1.4  | 88.8  |
| 5.22         | ***** | 5.4  | 94.2  |
| 5.46         | *     | 1.4  | 95.6  |
| 5.70         | *     | 1.0  | 96.6  |
| 5.94         |       | 0.7  | 97.3  |
| 6.18         | *     | 1.0  | 98.3  |
| 6.42         | *     | 1.7  | 100.0 |

0      10      20      30      40      50      60      70      80      90      100

% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES

INTERVAL INCREMENT 0.100 NO. SAMPLES 67

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

Ag

INTERVAL PPM

%

C%

---

|      |       |      |       |
|------|-------|------|-------|
| 0.10 |       | 0.0  | 0.0   |
| 0.20 |       | 0.0  | 0.0   |
| 0.30 |       | 0.0  | 0.0   |
| 0.40 | ***** | 67.2 | 67.2  |
| 0.50 | ***** | 32.8 | 100.0 |
| 0.60 |       | 0.0  | 100.0 |
| 0.70 |       | 0.0  | 100.0 |
| 0.80 |       | 0.0  | 100.0 |
| 0.90 |       | 0.0  | 100.0 |
| 1.00 |       | 0.0  | 100.0 |
| 1.10 |       | 0.0  | 100.0 |
| 1.20 |       | 0.0  | 100.0 |
| 1.30 |       | 0.0  | 100.0 |
| 1.40 |       | 0.0  | 100.0 |
| 1.50 |       | 0.0  | 100.0 |
| 1.60 |       | 0.0  | 100.0 |
| 1.70 |       | 0.0  | 100.0 |
| 1.80 |       | 0.0  | 100.0 |
| 1.90 |       | 0.0  | 100.0 |
| 2.00 |       | 0.0  | 100.0 |
| 2.10 |       | 0.0  | 100.0 |
| 2.20 |       | 0.0  | 100.0 |
| 2.30 |       | 0.0  | 100.0 |
| 2.40 |       | 0.0  | 100.0 |
| 2.50 |       | 0.0  | 100.0 |

0      10      20      30      40      50      60      70      80      90      100

% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES

INTERVAL INCREMENT 1.000 NO. SAMPLES 139

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9

PROJECT NAME: TOODGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | As    | %    | C%    |
|--------------|-------|------|-------|
| 1.00         |       | 0.0  | 0.0   |
| 2.00         |       | 0.0  | 0.0   |
| 3.00         |       | 0.0  | 0.0   |
| 4.00         | ***** | 30.2 | 30.2  |
| 5.00         | ***** | 21.6 | 51.8  |
| 6.00         | ***** | 10.8 | 62.6  |
| 7.00         | ***** | 8.6  | 71.2  |
| 8.00         | ***** | 6.5  | 77.7  |
| 9.00         | ****  | 4.3  | 82.0  |
| 10.00        | ***** | 7.2  | 89.2  |
| 11.00        | ***** | 8.6  | 97.8  |
| 12.00        | **    | 2.2  | 100.0 |
| 13.00        |       | 0.0  | 100.0 |
| 14.00        |       | 0.0  | 100.0 |
| 15.00        |       | 0.0  | 100.0 |
| 16.00        |       | 0.0  | 100.0 |
| 17.00        |       | 0.0  | 100.0 |
| 18.00        |       | 0.0  | 100.0 |
| 19.00        |       | 0.0  | 100.0 |
| 20.00        |       | 0.0  | 100.0 |
| 21.00        |       | 0.0  | 100.0 |
| 22.00        |       | 0.0  | 100.0 |
| 23.00        |       | 0.0  | 100.0 |
| 24.00        |       | 0.0  | 100.0 |
| 25.00        |       | 0.0  | 100.0 |

0      10      20      30      40      50      60      70      80      90      100

% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES

INTERVAL INCREMENT 1.000 NO. SAMPLES 36

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | Sb    | %    | C%    |
|--------------|-------|------|-------|
| 1.00         |       |      |       |
| 2.00         |       | 0.0  | 0.0   |
| 3.00         |       | 0.0  | 0.0   |
| 4.00         |       | 0.0  | 0.0   |
| 5.00         | ***** | 66.7 | 66.7  |
| 6.00         | ***** | 27.8 | 94.4  |
| 7.00         | ***** | 5.6  | 100.0 |
| 8.00         |       | 0.0  | 100.0 |
| 9.00         |       | 0.0  | 100.0 |
| 10.00        |       | 0.0  | 100.0 |
| 11.00        |       | 0.0  | 100.0 |
| 12.00        |       | 0.0  | 100.0 |
| 13.00        |       | 0.0  | 100.0 |
| 14.00        |       | 0.0  | 100.0 |
| 15.00        |       | 0.0  | 100.0 |
| 16.00        |       | 0.0  | 100.0 |
| 17.00        |       | 0.0  | 100.0 |
| 18.00        |       | 0.0  | 100.0 |
| 19.00        |       | 0.0  | 100.0 |
| 20.00        |       | 0.0  | 100.0 |
| 21.00        |       | 0.0  | 100.0 |
| 22.00        |       | 0.0  | 100.0 |
| 23.00        |       | 0.0  | 100.0 |
| 24.00        |       | 0.0  | 100.0 |
| 25.00        |       | 0.0  | 100.0 |

0      10      20      30      40      50      60      70      80      90      100

% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES

INTERVAL INCREMENT 1.000 NO. SAMPLES 54

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | B i   | %    | C%    |
|--------------|-------|------|-------|
| 1.00         |       |      |       |
| 2.00         |       | 0.0  | 0.0   |
| 3.00         |       | 0.0  | 0.0   |
| 4.00         | ***** | 79.6 | 79.6  |
| 5.00         | ***** | 20.4 | 100.0 |
| 6.00         |       | 0.0  | 100.0 |
| 7.00         |       | 0.0  | 100.0 |
| 8.00         |       | 0.0  | 100.0 |
| 9.00         |       | 0.0  | 100.0 |
| 10.00        |       | 0.0  | 100.0 |
| 11.00        |       | 0.0  | 100.0 |
| 12.00        |       | 0.0  | 100.0 |
| 13.00        |       | 0.0  | 100.0 |
| 14.00        |       | 0.0  | 100.0 |
| 15.00        |       | 0.0  | 100.0 |
| 16.00        |       | 0.0  | 100.0 |
| 17.00        |       | 0.0  | 100.0 |
| 18.00        |       | 0.0  | 100.0 |
| 19.00        |       | 0.0  | 100.0 |
| 20.00        |       | 0.0  | 100.0 |
| 21.00        |       | 0.0  | 100.0 |
| 22.00        |       | 0.0  | 100.0 |
| 23.00        |       | 0.0  | 100.0 |
| 24.00        |       | 0.0  | 100.0 |
| 25.00        |       | 0.0  | 100.0 |

0 10 20 30 40 50 60 70 80 90 100  
 % OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES

INTERVAL INCREMENT 4.664 NO. SAMPLES 295

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | V     | %    | C%   |
|--------------|-------|------|------|
| 26.53        |       | 0.0  | 0.0  |
| 31.20        |       | 0.0  | 0.0  |
| 35.86        |       | 0.0  | 0.0  |
| 40.52        |       | 0.0  | 0.0  |
| 45.19        |       | 0.0  | 0.0  |
| 49.85        |       | 0.0  | 0.0  |
| 54.52        | *     | 1.0  | 1.0  |
| 59.18        | ***   | 3.1  | 4.1  |
| 63.85        | ***** | 8.1  | 12.2 |
| 68.51        | ***** | 11.9 | 24.1 |
| 73.17        | ***** | 9.8  | 33.9 |
| 77.84        | ***** | 9.8  | 43.7 |
| 82.50        | ***** | 13.2 | 56.9 |
| 87.17        | ***** | 10.8 | 67.8 |
| 91.83        | ***** | 6.1  | 73.9 |
| 96.49        | ***** | 7.5  | 81.4 |
| 101.16       | ***** | 5.4  | 86.8 |
| 105.82       | **    | 2.7  | 89.5 |
| 110.49       | ****  | 4.1  | 93.6 |
| 115.15       | **    | 2.7  | 96.3 |
| 119.81       | *     | 1.0  | 97.3 |
| 124.48       |       | 0.7  | 98.0 |
| 129.14       |       | 0.7  | 98.6 |
| 133.81       |       | 0.0  | 98.6 |
| 138.47       |       | 0.7  | 99.3 |

0      10      20      30      40      50      60      70      80      90      100  
 % OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES

TRUNCATED DATA SET

INTERVAL INCREMENT 2.752 NO. SAMPLES 287  
 PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

| INTERVAL PPM | Sr    | %    | C%   |
|--------------|-------|------|------|
| 1.54         |       | 0.0  | 0.0  |
| 4.30         |       | 0.0  | 0.0  |
| 7.05         |       | 0.0  | 0.0  |
| 9.80         |       | 0.0  | 0.0  |
| 12.55        |       | 0.0  | 0.0  |
| 15.30        | *     | 1.4  | 1.4  |
| 18.06        | ***** | 13.2 | 14.6 |
| 20.81        | ***** | 8.0  | 22.6 |
| 23.56        | ***** | 15.3 | 38.0 |
| 26.31        | ***** | 11.5 | 49.5 |
| 29.06        | ***** | 10.8 | 60.3 |
| 31.81        | ***   | 3.5  | 63.8 |
| 34.57        | ***** | 12.5 | 76.3 |
| 37.32        | ***** | 6.3  | 82.6 |
| 40.07        | ****  | 4.5  | 87.1 |
| 42.82        | **    | 2.1  | 89.2 |
| 45.57        | **    | 2.8  | 92.0 |
| 48.33        | *     | 1.7  | 93.7 |
| 51.08        | **    | 2.1  | 95.8 |
| 53.83        |       | 0.7  | 96.5 |
| 56.58        |       | 0.3  | 96.9 |
| 59.33        |       | 0.3  | 97.2 |
| 62.08        | *     | 1.7  | 99.0 |
| 64.84        |       | 0.0  | 99.0 |
| 67.59        |       | 0.0  | 99.0 |

0 10 20 30 40 50 60 70 80 90 100  
 % OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES

INTERVAL INCREMENT 0.146 NO. SAMPLES 297

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9

PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | A1%   | %    | C%   |
|--------------|-------|------|------|
| 0.64         |       | 0.0  | 0.0  |
| 0.78         |       | 0.0  | 0.0  |
| 0.93         |       | 0.0  | 0.0  |
| 1.07         |       | 0.0  | 0.0  |
| 1.22         |       | 0.0  | 0.0  |
| 1.36         | *     | 1.3  | 1.3  |
|              | ****  | 4.7  | 6.1  |
| 1.51         | ***** | 5.1  | 11.1 |
| 1.65         | ***** | 6.4  | 17.5 |
| 1.80         | ***** | 5.4  | 22.9 |
| 1.95         | ***** | 8.8  | 31.6 |
| 2.09         | ***** | 10.1 | 41.8 |
| 2.24         | ***** | 10.1 | 51.9 |
| 2.38         | ***** | 10.4 | 62.3 |
| 2.53         | ***** | 10.1 | 72.4 |
| 2.67         | ***** | 5.7  | 78.1 |
| 2.82         | ***** | 7.1  | 85.2 |
| 2.97         | ***   | 3.0  | 88.2 |
| 3.11         | ****  | 4.0  | 92.3 |
| 3.26         | ***   | 3.0  | 95.3 |
| 3.40         | *     | 1.3  | 96.6 |
| 3.55         | *     | 1.7  | 98.3 |
| 3.69         |       | 0.3  | 98.7 |
| 3.84         |       | 0.3  | 99.0 |
| 3.98         |       | 0.3  | 99.3 |
| 4.13         |       |      |      |

0      10      20      30      40      50      60      70      80      90      100

% OF SAMPLES IN CLASS INTERVAL



ARITHMETIC VALUES

TRUNCATED DATA SET

INTERVAL INCREMENT 0.111 NO. SAMPLES 295  
 PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

Mg%

INTERVAL PPM

% C%

| INTERVAL PPM | Mg%   | %    | C%    |
|--------------|-------|------|-------|
| 0.06         |       | 0.0  | 0.0   |
| 0.17         |       | 0.0  | 0.0   |
| 0.28         |       | 0.0  | 0.0   |
| 0.39         |       | 0.0  | 0.0   |
| 0.50         | ****  | 4.7  | 4.7   |
| 0.61         | ***** | 9.8  | 14.6  |
| 0.73         | ***** | 11.9 | 26.4  |
| 0.84         | ***** | 11.9 | 38.3  |
| 0.95         | ***** | 9.2  | 47.5  |
| 1.06         | ***** | 10.8 | 58.3  |
| 1.17         | ***** | 6.1  | 64.4  |
| 1.28         | ***** | 6.4  | 70.8  |
| 1.39         | ***** | 8.8  | 79.7  |
| 1.50         | ***** | 5.1  | 84.7  |
| 1.61         | *     | 5.8  | 90.5  |
| 1.73         | **    | 1.7  | 92.2  |
| 1.84         | *     | 2.4  | 94.6  |
| 1.95         |       | 1.4  | 95.9  |
| 2.06         |       | 0.3  | 96.3  |
| 2.17         |       | 0.7  | 96.9  |
| 2.28         | *     | 0.3  | 97.3  |
| 2.39         | *     | 1.0  | 98.3  |
| 2.50         |       | 1.0  | 99.3  |
| 2.61         |       | 0.3  | 99.7  |
| 2.73         |       | 0.3  | 100.0 |

0 10 20 30 40 50 60 70 80 90 100

% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES

INTERVAL(STDV/F)    0.131    NO.SAMPLES 296

PROPERTY NAME: BIRD CLAIMS    SURVEY TYPE: SOILS    NTS: 94D/9

PROJECT NAME: TOODOGGONE    PROJECT CODE: 505    PROVINCE: B.C.    YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | Cu    | %    | C%    |
|--------------|-------|------|-------|
| 2.64         |       | 0.0  | 0.0   |
| 3.57         |       | 0.0  | 0.0   |
| 4.84         |       | 0.0  | 0.0   |
| 6.55         |       | 0.0  | 0.0   |
| 8.86         |       | 0.0  | 0.0   |
| 11.99        |       | 0.0  | 0.0   |
| 16.23        |       | 0.0  | 0.0   |
| 21.97        | ***** | 6.1  | 6.1   |
| 29.74        | ***** | 8.8  | 14.9  |
| 40.26        | ***** | 15.5 | 30.4  |
| 54.49        | ***** | 8.8  | 39.2  |
| 73.76        | ***** | 9.8  | 49.0  |
| 99.84        | ***** | 9.5  | 58.4  |
| 135.14       | ***** | 6.1  | 64.5  |
| 182.92       | ***** | 6.4  | 70.9  |
| 247.59       | ****  | 5.1  | 76.0  |
| 335.14       | ****  | 4.1  | 80.1  |
| 453.63       | ***** | 4.7  | 84.8  |
| 614.03       | **    | 6.4  | 91.2  |
| 831.14       | **    | 2.7  | 93.9  |
| 1125.01      | *     | 2.0  | 95.9  |
| 1522.78      | *     | 1.7  | 97.6  |
| 2061.21      |       | 1.7  | 99.3  |
| 2790.00      |       | 0.7  | 100.0 |
| 3776.48      |       | 0.0  | 100.0 |

0      10      20      30      40      50      60      70      80      90      100

% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES

INTERVAL(STDV/F) 0.057 NO.SAMPLES 295

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | Zn    | %    | C%    |
|--------------|-------|------|-------|
| 9.58         |       |      |       |
| 10.92        |       | 0.0  | 0.0   |
| 12.44        |       | 0.0  | 0.0   |
| 14.18        |       | 0.0  | 0.0   |
| 16.17        |       | 0.0  | 0.0   |
| 18.43        |       | 0.0  | 0.0   |
| 21.01        | ***   | 3.7  | 3.7   |
| 23.94        | ****  | 4.1  | 7.8   |
| 27.29        | ***** | 8.1  | 15.9  |
| 31.11        | ***** | 11.2 | 27.1  |
| 35.46        | ***** | 11.2 | 38.3  |
| 40.42        | ***** | 8.1  | 46.4  |
| 46.07        | ***** | 9.5  | 55.9  |
| 52.51        | ***** | 7.5  | 63.4  |
| 59.86        | ***** | 7.5  | 70.8  |
| 68.23        | ***** | 8.5  | 79.3  |
| 77.77        | ***   | 3.7  | 83.1  |
| 88.64        | **    | 2.7  | 85.8  |
| 101.04       | ***   | 3.4  | 89.2  |
| 115.17       | ***   | 3.4  | 92.5  |
| 131.27       | **    | 2.4  | 94.9  |
| 149.63       | **    | 2.4  | 97.3  |
| 170.55       | **    | 2.4  | 99.7  |
| 194.40       |       | 0.3  | 100.0 |
| 221.59       |       | 0.0  | 100.0 |

0      10      20      30      40      50      60      70      80      90      100  
 % OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES

INTERVAL(STDV/F) 0.064 NO.SAMPLES 284

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | N1    | %    | C%    |
|--------------|-------|------|-------|
| 2.73         |       |      |       |
| 3.16         |       | 0.0  | 0.0   |
| 3.67         |       | 0.0  | 0.0   |
| 4.26         |       | 0.0  | 0.0   |
| 4.94         |       | 0.0  | 0.0   |
| 5.73         |       | 0.0  | 0.0   |
| 6.64         |       | 0.0  | 0.0   |
| 7.70         | ***** | 6.0  | 6.0   |
| 8.94         | ***** | 5.3  | 11.3  |
| 10.37        | ***** | 13.7 | 25.0  |
| 12.02        | ***** | 15.1 | 40.1  |
| 13.95        | ****  | 4.9  | 45.1  |
| 16.18        | ***** | 12.7 | 57.7  |
| 18.77        | ***** | 8.5  | 66.2  |
| 21.77        | ***** | 8.8  | 75.0  |
| 25.25        | ****  | 6.0  | 81.0  |
| 29.29        | ***   | 3.9  | 84.9  |
| 33.98        |       | 0.7  | 85.6  |
| 39.42        | **    | 2.8  | 88.4  |
| 45.72        | ***   | 3.2  | 91.5  |
| 53.04        | ***   | 3.2  | 94.7  |
| 61.52        | **    | 2.1  | 96.8  |
| 71.36        | *     | 1.4  | 98.2  |
| 82.78        | *     | 1.4  | 99.6  |
| 96.03        |       | 0.4  | 100.0 |

0 10 20 30 40 50 60 70 80 90 100  
 % OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES

INTERVAL(STDV/F) 0.058 NO.SAMPLES 297

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9

PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | Mn    | %    | C%    |
|--------------|-------|------|-------|
| 80.47        |       |      |       |
| 92.00        |       | 0.0  | 0.0   |
| 105.18       |       | 0.0  | 0.0   |
| 120.25       |       | 0.0  | 0.0   |
| 137.48       |       | 0.0  | 0.0   |
| 157.17       |       | 0.0  | 0.0   |
| 179.69       | ***   | 3.0  | 3.0   |
| 205.43       | ***** | 6.4  | 9.4   |
| 234.86       | ***** | 7.7  | 17.2  |
| 268.51       | ***** | 10.1 | 27.3  |
| 306.97       | ***** | 8.4  | 35.7  |
| 350.95       | ***** | 9.4  | 45.1  |
| 401.23       | ***** | 9.8  | 54.9  |
| 458.71       | ***** | 7.7  | 62.6  |
| 524.42       | ***** | 8.4  | 71.0  |
| 599.55       | ***** | 5.4  | 76.4  |
| 685.44       | ***** | 4.0  | 80.5  |
| 783.64       | ***** | 7.1  | 87.5  |
| 895.91       | ***   | 3.7  | 91.2  |
| 1024.26      | ***   | 3.4  | 94.6  |
| 1170.99      | **    | 2.0  | 96.6  |
| 1338.75      |       | 0.7  | 97.3  |
| 1530.54      | **    | 2.0  | 99.3  |
| 1749.81      |       | 0.7  | 100.0 |
| 2000.49      |       | 0.0  | 100.0 |

0      10      20      30      40      50      60      70      80      90      100

% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES

INTERVAL(STDV/F)    0.064    NO. SAMPLES 270

PROPERTY NAME: BIRD CLAIMS    SURVEY TYPE: SOILS    NTS: 94D/9

PROJECT NAME: TOODOGGONE    PROJECT CODE: 505    PROVINCE: B.C.    YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | Co    | %    | C%    |
|--------------|-------|------|-------|
| 1.94         |       | 0.0  | 0.0   |
| 2.25         |       | 0.0  | 0.0   |
| 2.60         |       | 0.0  | 0.0   |
| 3.01         |       | 0.0  | 0.0   |
| 3.48         |       | 0.0  | 0.0   |
| 4.03         |       | 0.0  | 0.0   |
| 4.67         |       | 0.0  | 0.0   |
| 5.40         | ***** | 8.1  | 8.1   |
| 6.25         | ***** | 12.2 | 20.4  |
| 7.24         | ***** | 10.0 | 30.4  |
| 8.38         | ***** | 8.9  | 39.3  |
| 9.70         | ***** | 7.0  | 46.3  |
| 11.22        | ***** | 10.7 | 57.0  |
| 12.99        | **    | 3.0  | 60.0  |
| 15.04        | ***** | 10.0 | 70.0  |
| 17.40        | ***** | 5.9  | 75.9  |
| 20.14        | ***** | 7.8  | 83.7  |
| 23.32        | ***** | 5.2  | 88.9  |
| 26.99        | ***   | 0.7  | 89.6  |
| 31.24        | *     | 3.3  | 93.0  |
| 36.16        | **    | 1.9  | 94.8  |
| 41.85        | **    | 2.6  | 97.4  |
| 48.44        | **    | 2.6  | 100.0 |
| 56.07        |       | 0.0  | 100.0 |
| 64.90        |       | 0.0  | 100.0 |

0      10      20      30      40      50      60      70      80      90      100

% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES

INTERVAL(STDV/F) 0.053 NO.SAMPLES 89

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | Au    | %    | C%   |
|--------------|-------|------|------|
| 6.37         |       |      |      |
| 7.19         |       | 0.0  | 0.0  |
| 8.13         |       | 0.0  | 0.0  |
| 9.18         |       | 0.0  | 0.0  |
| 10.37        |       | 0.0  | 0.0  |
| 11.72        |       | 0.0  | 0.0  |
| 13.24        |       | 0.0  | 0.0  |
| 14.95        |       | 0.0  | 0.0  |
| 16.90        |       | 0.0  | 0.0  |
| 19.09        |       | 0.0  | 0.0  |
| 21.56        | ***** | 60.7 | 60.7 |
| 24.36        |       | 0.0  | 60.7 |
| 27.52        |       | 0.0  | 60.7 |
| 31.10        | ***** | 15.7 | 76.4 |
| 35.13        |       | 0.0  | 76.4 |
| 39.69        |       | 0.0  | 76.4 |
| 44.84        | ***** | 9.0  | 85.4 |
| 50.66        | **    | 2.2  | 87.6 |
| 57.23        |       | 0.0  | 87.6 |
| 64.66        | ****  | 4.5  | 92.1 |
| 73.05        |       | 0.0  | 92.1 |
| 82.53        | **    | 2.2  | 94.4 |
| 93.24        | **    | 2.2  | 96.6 |
| 105.33       | *     | 1.1  | 97.8 |
| 119.00       |       | 0.0  | 97.8 |

0 10 20 30 40 50 60 70 80 90 100  
 % OF SAMPLES IN CLASS INTERVAL

-12/-

LOGARITHMIC VALUES

INTERVAL(STDV/F) 0.054 NO.SAMPLES 291

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | Ba    | %    | C%    |
|--------------|-------|------|-------|
| 17.75        |       | 0.0  | 0.0   |
| 20.10        |       | 0.0  | 0.0   |
| 22.76        |       | 0.0  | 0.0   |
| 25.78        |       | 0.0  | 0.0   |
| 29.19        |       | 0.0  | 0.0   |
| 33.06        |       | 0.0  | 0.0   |
| 37.44        | *     | 1.0  | 1.0   |
| 42.39        | ***** | 7.2  | 8.2   |
| 48.01        | ***** | 10.3 | 18.6  |
| 54.37        | ***** | 11.0 | 29.6  |
| 61.56        | ***** | 7.9  | 37.5  |
| 69.72        | ***** | 7.9  | 45.4  |
| 78.95        | ***** | 9.3  | 54.6  |
| 89.41        | ***** | 8.9  | 63.6  |
| 101.25       | ***** | 7.6  | 71.1  |
| 114.66       | ****  | 6.5  | 77.7  |
| 129.84       | ****  | 4.8  | 82.5  |
| 147.04       | ***   | 4.1  | 86.6  |
| 166.51       | **    | 3.1  | 89.7  |
| 188.56       | ****  | 2.1  | 91.8  |
| 213.53       | **    | 4.5  | 96.2  |
| 241.81       | *     | 2.4  | 98.6  |
| 273.84       |       | 1.4  | 100.0 |
| 310.10       |       | 0.0  | 100.0 |
| 351.17       |       | 0.0  | 100.0 |

0      10      20      30      40      50      60      70      80      90      100  
 % OF SAMPLES IN CLASS INTERVAL



LOGARITHMIC VALUES

INTERVAL(STDV/F) 0.054 NO.SAMPLES 292

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | Ca%   | %    | C%    |
|--------------|-------|------|-------|
| 0.09         |       | 0.0  | 0.0   |
| 0.10         |       | 0.0  | 0.0   |
| 0.11         |       | 0.0  | 0.0   |
| 0.13         |       | 0.0  | 0.0   |
| 0.14         |       | 0.0  | 0.0   |
| 0.16         |       | 0.0  | 0.0   |
| 0.18         | ***** | 6.5  | 6.5   |
| 0.21         | ***** | 9.9  | 16.4  |
| 0.23         | ***** | 11.3 | 27.7  |
| 0.26         | ***** | 9.2  | 37.0  |
| 0.30         | ***** | 11.6 | 48.6  |
| 0.34         | ***** | 6.5  | 55.1  |
| 0.38         | ***** | 10.3 | 65.4  |
| 0.44         | ***** | 5.8  | 71.2  |
| 0.49         | ****  | 4.1  | 75.3  |
| 0.56         | ***** | 6.5  | 81.8  |
| 0.63         | ****  | 4.5  | 86.3  |
| 0.72         | ***   | 3.4  | 89.7  |
| 0.81         | **    | 2.7  | 92.5  |
| 0.92         | *     | 1.7  | 94.2  |
| 1.04         | ****  | 4.1  | 98.3  |
| 1.18         | *     | 1.7  | 100.0 |
| 1.34         |       | 0.0  | 100.0 |
| 1.52         |       | 0.0  | 100.0 |
| 1.72         |       | 0.0  | 100.0 |

0      10      20      30      40      50      60      70      80      90      100

% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES

INTERVAL(STDV/F) 0.060 NO.SAMPLES 147

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9

PROJECT NAME: TODDOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | K%    | %    | C%    |
|--------------|-------|------|-------|
| 0.01         |       | 0.0  | 0.0   |
| 0.01         |       | 0.0  | 0.0   |
| 0.01         |       | 0.0  | 0.0   |
| 0.01         |       | 0.0  | 0.0   |
| 0.02         |       | 0.0  | 0.0   |
| 0.02         |       | 0.0  | 0.0   |
| 0.02         |       | 0.0  | 0.0   |
| 0.03         |       | 0.0  | 0.0   |
| 0.03         |       | 0.0  | 0.0   |
| 0.03         | ***** | 35.4 | 35.4  |
| 0.04         |       | 0.0  | 35.4  |
| 0.04         | ***** | 17.7 | 53.1  |
| 0.04         | ***** | 13.6 | 66.7  |
| 0.05         |       | 0.0  | 66.7  |
| 0.06         | ***   | 3.4  | 70.1  |
| 0.07         | **    | 2.7  | 72.8  |
| 0.08         | ***   | 3.4  | 76.2  |
| 0.09         | ***** | 6.1  | 82.3  |
| 0.10         | *     | 1.4  | 83.7  |
| 0.12         | ***** | 8.8  | 92.5  |
| 0.14         | ***** | 7.5  | 100.0 |
| 0.16         |       | 0.0  | 100.0 |
| 0.18         |       | 0.0  | 100.0 |
| 0.21         |       | 0.0  | 100.0 |
| 0.24         |       | 0.0  | 100.0 |
| 0.27         |       | 0.0  | 100.0 |

LOGARITHMIC VALUES

INTERVAL(STDV/F) 0.068 NO.SAMPLES 29

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9

PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | Na%   | %    | C%    |
|--------------|-------|------|-------|
| 0.01         |       | 0.0  | 0.0   |
| 0.01         |       | 0.0  | 0.0   |
| 0.01         |       | 0.0  | 0.0   |
| 0.02         |       | 0.0  | 0.0   |
| 0.02         |       | 0.0  | 0.0   |
| 0.02         |       | 0.0  | 0.0   |
| 0.03         |       | 0.0  | 0.0   |
| 0.03         | ***** | 31.0 | 31.0  |
| 0.03         |       | 0.0  | 31.0  |
| 0.04         | ***   | 3.4  | 34.5  |
| 0.04         | ***** | 6.9  | 41.4  |
| 0.05         |       | 0.0  | 41.4  |
| 0.06         |       | 0.0  | 41.4  |
| 0.07         |       | 0.0  | 41.4  |
| 0.08         |       | 0.0  | 41.4  |
| 0.09         | ***** | 17.2 | 58.6  |
| 0.11         | ***** | 41.4 | 100.0 |
| 0.13         |       | 0.0  | 100.0 |
| 0.15         |       | 0.0  | 100.0 |
| 0.18         |       | 0.0  | 100.0 |
| 0.21         |       | 0.0  | 100.0 |
| 0.24         |       | 0.0  | 100.0 |
| 0.28         |       | 0.0  | 100.0 |
| 0.33         |       | 0.0  | 100.0 |
| 0.39         |       | 0.0  | 100.0 |
| 0.45         |       | 0.0  | 100.0 |

0 10 20 30 40 50 60 70 80 90 100  
% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES

INTERVAL(STDV/F) 0.049 NO.SAMPLES 294

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: SOILS NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | Cr    | %    | C%   |
|--------------|-------|------|------|
| 13.14        |       | 0.0  | 0.0  |
| 14.69        |       | 0.0  | 0.0  |
| 16.44        |       | 0.0  | 0.0  |
| 18.39        |       | 0.0  | 0.0  |
| 20.57        |       | 0.0  | 0.0  |
| 23.01        |       | 0.0  | 0.0  |
| 25.74        |       | 0.0  | 0.0  |
| 28.79        | *     | 1.0  | 1.0  |
| 32.21        | ***** | 7.1  | 8.2  |
| 36.03        | ***** | 15.3 | 23.5 |
| 40.31        | ***** | 13.9 | 37.4 |
| 45.09        | ***** | 17.7 | 55.1 |
| 50.44        | ***** | 9.9  | 65.0 |
| 56.43        | ***** | 7.1  | 72.1 |
| 63.12        | ***   | 6.8  | 78.9 |
| 70.61        | *     | 3.7  | 82.7 |
| 78.99        | **    | 1.4  | 84.0 |
| 88.37        | **    | 2.4  | 86.4 |
| 98.85        | **    | 2.7  | 89.1 |
| 110.58       | **    | 2.7  | 91.8 |
| 123.70       | **    | 2.4  | 94.2 |
| 138.38       |       | 2.0  | 96.3 |
| 154.80       |       | 0.3  | 96.6 |
| 173.17       |       | 0.7  | 97.3 |
| 193.72       | *     | 1.0  | 98.3 |

0 10 20 30 40 50 60 70 80 90 100  
 % OF SAMPLES IN CLASS INTERVAL

Talus Fine Survey

ARITHMETIC VALUES

INTERVAL INCREMENT 1.000 NO. SAMPLES 40

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9

PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | Pb    | %    | C%    |
|--------------|-------|------|-------|
| 1.00         |       | 0.0  | 0.0   |
| 2.00         |       | 0.0  | 0.0   |
| 3.00         |       | 0.0  | 0.0   |
| 4.00         |       | 0.0  | 0.0   |
| 5.00         |       | 0.0  | 0.0   |
| 6.00         |       | 0.0  | 0.0   |
| 7.00         |       | 0.0  | 0.0   |
| 8.00         |       | 0.0  | 0.0   |
| 9.00         |       | 0.0  | 0.0   |
| 10.00        | ***** | 7.5  | 7.5   |
| 11.00        | ***** | 5.0  | 12.5  |
| 12.00        | ***** | 5.0  | 17.5  |
| 13.00        | ***** | 15.0 | 32.5  |
| 14.00        | ***** | 12.5 | 45.0  |
| 15.00        | ***** | 12.5 | 57.5  |
| 16.00        | ***** | 12.5 | 70.0  |
| 17.00        | ***** | 12.5 | 82.5  |
| 18.00        | ***** | 5.0  | 87.5  |
| 19.00        | **    | 2.5  | 90.0  |
| 20.00        | **    | 2.5  | 92.5  |
| 21.00        | ***** | 5.0  | 97.5  |
| 22.00        |       | 0.0  | 97.5  |
| 23.00        |       | 0.0  | 97.5  |
| 24.00        |       | 0.0  | 97.5  |
| 25.00        | **    | 2.5  | 100.0 |

0 10 20 30 40 50 60 70 80 90 100  
% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES

INTERVAL INCREMENT 2.672 NO. SAMPLES 42

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9

PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | Zn    | %    | C%    |
|--------------|-------|------|-------|
| 19.20        |       | 0.0  | 0.0   |
| 21.87        |       | 0.0  | 0.0   |
| 24.55        |       | 0.0  | 0.0   |
| 27.22        |       | 0.0  | 0.0   |
| 29.89        |       | 0.0  | 0.0   |
| 32.56        |       | 0.0  | 0.0   |
| 35.23        | ****  | 4.8  | 4.8   |
| 37.90        | ***** | 7.1  | 11.9  |
| 40.58        | ***** | 7.1  | 19.0  |
| 43.25        | ***** | 7.1  | 26.2  |
| 45.92        | **    | 2.4  | 28.6  |
| 48.59        | ***** | 9.5  | 38.1  |
| 51.26        | ***** | 14.3 | 52.4  |
| 53.93        | ***** | 9.5  | 61.9  |
| 56.61        | ***** | 7.1  | 69.0  |
| 59.28        | ***** | 11.9 | 81.0  |
| 61.95        | ****  | 4.8  | 85.7  |
| 64.62        | **    | 2.4  | 88.1  |
| 67.29        | ****  | 4.8  | 92.9  |
| 69.96        |       | 0.0  | 92.9  |
| 72.63        | **    | 2.4  | 95.2  |
| 75.31        | ****  | 4.8  | 100.0 |
| 77.98        |       | 0.0  | 100.0 |
| 80.65        |       | 0.0  | 100.0 |
| 83.32        |       | 0.0  | 100.0 |

0      10      20      30      40      50      60      70      80      90      100

% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES

INTERVAL INCREMENT 2.380 NO. SAMPLES 38

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | N1    | %    | C%   |
|--------------|-------|------|------|
| 2.30         |       | 0.0  | 0.0  |
| 4.68         |       | 0.0  | 0.0  |
| 7.06         |       | 0.0  | 0.0  |
| 9.44         |       | 0.0  | 0.0  |
| 11.82        | ***** | 5.3  | 5.3  |
| 14.20        | ***** | 21.1 | 26.3 |
| 16.58        | ***** | 7.9  | 34.2 |
| 18.96        | ***** | 10.5 | 44.7 |
| 21.34        | ***** | 15.8 | 60.5 |
| 23.72        | ***** | 7.9  | 68.4 |
| 26.10        | ***** | 10.5 | 78.9 |
| 28.48        | **    | 2.6  | 81.6 |
| 30.86        | ***** | 5.3  | 86.8 |
| 33.24        | ***** | 5.3  | 92.1 |
| 35.62        | **    | 2.6  | 94.7 |
| 38.01        | **    | 2.6  | 97.4 |
| 40.39        |       | 0.0  | 97.4 |
| 42.77        |       | 0.0  | 97.4 |
| 45.15        |       | 0.0  | 97.4 |
| 47.53        |       | 0.0  | 97.4 |
| 49.91        |       | 0.0  | 97.4 |
| 52.29        |       | 0.0  | 97.4 |
| 54.67        |       | 0.0  | 97.4 |
| 57.05        |       | 0.0  | 97.4 |
| 59.43        |       | 0.0  | 97.4 |

0      10      20      30      40      50      60      70      80      90      100  
 % OF SAMPLES IN CLASS INTERVAL



ARITHMETIC VALUES

INTERVAL INCREMENT 56.990 NO. SAMPLES 42

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9

PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | Mn    | %    | C%    |
|--------------|-------|------|-------|
| 47.24        |       |      |       |
| 104.23       |       | 0.0  | 0.0   |
| 161.22       |       | 0.0  | 0.0   |
| 218.21       |       | 0.0  | 0.0   |
| 275.20       |       | 0.0  | 0.0   |
| 332.19       | **    | 2.4  | 2.4   |
| 389.18       | ***** | 14.3 | 16.7  |
| 446.17       | ***** | 19.0 | 35.7  |
| 503.16       | ***** | 7.1  | 42.9  |
| 560.15       | ****  | 4.8  | 47.6  |
| 617.14       | ***** | 7.1  | 54.8  |
| 674.13       | ***** | 14.3 | 69.0  |
| 731.12       | **    | 2.4  | 71.4  |
| 788.11       | **    | 2.4  | 73.8  |
| 845.10       | ****  | 4.8  | 78.6  |
| 902.09       | ****  | 4.8  | 83.3  |
| 959.08       | ***** | 7.1  | 90.5  |
| 1016.07      | ****  | 4.8  | 95.2  |
| 1073.06      |       | 0.0  | 95.2  |
| 1130.05      | ****  | 4.8  | 100.0 |
| 1187.04      |       | 0.0  | 100.0 |
| 1244.03      |       | 0.0  | 100.0 |
| 1301.02      |       | 0.0  | 100.0 |
| 1358.01      |       | 0.0  | 100.0 |
| 1415.00      |       | 0.0  | 100.0 |

0      10      20      30      40      50      60      70      80      90      100

% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES

TRUNCATED DATA SET

INTERVAL INCREMENT 0.145 NO. SAMPLES 42  
 PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

| INTERVAL PPM | Fe    | %    | C%    |
|--------------|-------|------|-------|
| 2.16         |       |      |       |
| 2.30         |       | 0.0  | 0.0   |
| 2.45         |       | 0.0  | 0.0   |
| 2.59         |       | 0.0  | 0.0   |
| 2.74         |       | 0.0  | 0.0   |
| 2.88         |       | 0.0  | 0.0   |
| 3.03         | **    | 2.4  | 2.4   |
| 3.17         |       | 0.0  | 2.4   |
| 3.32         | ***** | 19.0 | 21.4  |
| 3.46         | ****  | 4.8  | 26.2  |
| 3.61         | ***** | 9.5  | 35.7  |
| 3.75         | ***** | 9.5  | 45.2  |
| 3.90         | ***** | 14.3 | 59.5  |
| 4.04         | ***** | 11.9 | 71.4  |
| 4.19         |       | 0.0  | 71.4  |
| 4.33         | ***** | 7.1  | 78.6  |
| 4.47         | **    | 2.4  | 81.0  |
| 4.62         | ***** | 7.1  | 88.1  |
| 4.76         |       | 0.0  | 88.1  |
| 4.91         | ****  | 4.8  | 92.9  |
| 5.05         |       | 0.0  | 92.9  |
| 5.20         | ****  | 4.8  | 97.6  |
| 5.34         |       | 0.0  | 97.6  |
| 5.49         | **    | 2.4  | 100.0 |
| 5.63         |       | 0.0  | 100.0 |

0 10 20 30 40 50 60 70 80 90 100  
 % OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES

INTERVAL INCREMENT 1.792 NO. SAMPLES 41

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | Co    | %    | C%    |
|--------------|-------|------|-------|
| 0.31         |       | 0.0  | 0.0   |
| 2.10         |       | 0.0  | 0.0   |
| 3.89         |       | 0.0  | 0.0   |
| 5.68         |       | 0.0  | 0.0   |
| 7.48         | **    | 2.4  | 2.4   |
| 9.27         | ***** | 12.2 | 14.6  |
| 11.06        | ***** | 12.2 | 26.8  |
| 12.85        | **    | 2.4  | 29.3  |
| 14.65        | ***** | 22.0 | 51.2  |
| 16.44        | ****  | 4.9  | 56.1  |
| 18.23        | ***** | 9.8  | 65.9  |
| 20.02        | ***** | 9.8  | 75.6  |
| 21.82        | **    | 2.4  | 78.0  |
| 23.61        | ***** | 7.3  | 85.4  |
| 25.40        | ***** | 7.3  | 92.7  |
| 27.19        | **    | 2.4  | 95.1  |
| 28.99        |       | 0.0  | 95.1  |
| 30.78        |       | 0.0  | 95.1  |
| 32.57        |       | 0.0  | 95.1  |
| 34.36        | **    | 2.4  | 97.6  |
| 36.16        |       | 0.0  | 97.6  |
| 37.95        |       | 0.0  | 97.6  |
| 39.74        |       | 0.0  | 97.6  |
| 41.53        | **    | 2.4  | 100.0 |
| 43.32        |       | 0.0  | 100.0 |

0      10      20      30      40      50      60      70      80      90      100  
 % OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES  
 INTERVAL INCREMENT 1.000 NO. SAMPLES 32  
 PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | As    | %    | C%    |
|--------------|-------|------|-------|
| 1.00         |       | 0.0  | 0.0   |
| 2.00         |       | 0.0  | 0.0   |
| 3.00         |       | 0.0  | 0.0   |
| 4.00         | ***** | 18.8 | 18.8  |
| 5.00         | ***** | 9.4  | 28.1  |
| 6.00         | ***** | 9.4  | 37.5  |
| 7.00         | ***** | 21.9 | 59.4  |
| 8.00         | ***** | 12.5 | 71.9  |
| 9.00         | ***** | 9.4  | 81.3  |
| 10.00        | ***** | 15.6 | 96.9  |
| 11.00        |       | 0.0  | 96.9  |
| 12.00        | ***   | 3.1  | 100.0 |
| 13.00        |       | 0.0  | 100.0 |
| 14.00        |       | 0.0  | 100.0 |
| 15.00        |       | 0.0  | 100.0 |
| 16.00        |       | 0.0  | 100.0 |
| 17.00        |       | 0.0  | 100.0 |
| 18.00        |       | 0.0  | 100.0 |
| 19.00        |       | 0.0  | 100.0 |
| 20.00        |       | 0.0  | 100.0 |
| 21.00        |       | 0.0  | 100.0 |
| 22.00        |       | 0.0  | 100.0 |
| 23.00        |       | 0.0  | 100.0 |
| 24.00        |       | 0.0  | 100.0 |
| 25.00        |       | 0.0  | 100.0 |

0 10 20 30 40 50 60 70 80 90 100  
% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES

TRUNCATED DATA SET

INTERVAL INCREMENT 3.704 NO. SAMPLES 42  
 PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

V

| INTERVAL PPM | %    | C%    |
|--------------|------|-------|
| 38.91        |      |       |
| 42.61        | 0.0  | 0.0   |
| 46.32        | 0.0  | 0.0   |
| 50.02        | 0.0  | 0.0   |
| 53.73        | 0.0  | 0.0   |
| 57.43        | 0.0  | 0.0   |
| 61.13        | 4.8  | 4.8   |
| 64.84        | 4.8  | 9.5   |
| 68.54        | 2.4  | 11.9  |
| 72.25        | 14.3 | 26.2  |
| 75.95        | 7.1  | 33.3  |
| 79.65        | 7.1  | 40.5  |
| 83.36        | 14.3 | 54.8  |
| 87.06        | 4.8  | 59.5  |
| 90.76        | 14.3 | 73.8  |
| 94.47        | 7.1  | 81.0  |
| 98.17        | 4.8  | 85.7  |
| 101.88       | 2.4  | 88.1  |
| 105.58       | 2.4  | 90.5  |
| 109.28       | 0.0  | 90.5  |
| 112.99       | 2.4  | 92.9  |
| 116.69       | 4.8  | 97.6  |
| 120.40       | 2.4  | 100.0 |
| 124.10       | 0.0  | 100.0 |
| 127.80       | 0.0  | 100.0 |

0 10 20 30 40 50 60 70 80 90 100  
 % OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES

INTERVAL INCREMENT 6.185 NO. SAMPLES 42

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9

PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

Ba

INTERVAL PPM

% C%

| INTERVAL PPM | %    | C%    |
|--------------|------|-------|
| 6.61         |      |       |
| 12.80        | 0.0  | 0.0   |
| 18.98        | 0.0  | 0.0   |
| 25.17        | 0.0  | 0.0   |
| 31.35        | 0.0  | 0.0   |
| 37.54        | 0.0  | 0.0   |
| 43.72        | 7.1  | 7.1   |
| 49.91        | 2.4  | 9.5   |
| 56.09        | 9.5  | 19.0  |
| 62.28        | 4.8  | 23.8  |
| 68.46        | 9.5  | 33.3  |
| 74.65        | 11.9 | 45.2  |
| 80.83        | 4.8  | 50.0  |
| 87.02        | 14.3 | 64.3  |
| 93.20        | 4.8  | 69.0  |
| 99.39        | 4.8  | 73.8  |
| 105.57       | 7.1  | 81.0  |
| 111.76       | 4.8  | 85.7  |
| 117.94       | 7.1  | 92.9  |
| 124.13       | 4.8  | 97.6  |
| 130.31       | 0.0  | 97.6  |
| 136.50       | 2.4  | 100.0 |
| 142.68       | 0.0  | 100.0 |
| 148.87       | 0.0  | 100.0 |
| 155.05       | 0.0  | 100.0 |

0 10 20 30 40 50 60 70 80 90 100  
% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES

INTERVAL INCREMENT 2.304 NO. SAMPLES 42

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9

PROJECT NAME: TODDOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | Sr    | %    | C%   |
|--------------|-------|------|------|
| 1.25         |       |      |      |
| 3.56         |       | 0.0  | 0.0  |
| 5.86         |       | 0.0  | 0.0  |
| 8.16         |       | 0.0  | 0.0  |
| 10.47        |       | 0.0  | 0.0  |
| 12.77        |       | 0.0  | 0.0  |
| 15.08        |       | 0.0  | 0.0  |
| 17.38        | **    | 2.4  | 2.4  |
| 19.69        | ****  | 4.8  | 7.1  |
| 21.99        | ***** | 7.1  | 14.3 |
| 24.30        | ***** | 28.6 | 42.9 |
| 26.60        | ***** | 11.9 | 54.8 |
| 28.90        | **    | 2.4  | 57.1 |
| 31.21        | ***** | 11.9 | 69.0 |
| 33.51        | **    | 2.4  | 71.4 |
| 35.82        | ***** | 9.5  | 81.0 |
| 38.12        | **    | 2.4  | 83.3 |
| 40.43        | ***** | 7.1  | 90.5 |
| 42.73        | **    | 2.4  | 92.9 |
| 45.04        | **    | 2.4  | 95.2 |
| 47.34        |       | 0.0  | 95.2 |
| 49.64        |       | 0.0  | 95.2 |
| 51.95        |       | 0.0  | 95.2 |
| 54.25        | **    | 2.4  | 97.6 |
| 56.56        |       | 0.0  | 97.6 |

0      10      20      30      40      50      60      70      80      90      100

% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES

INTERVAL INCREMENT 0.143 NO. SAMPLES 42

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9

PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | A1%   | %    | C%    |
|--------------|-------|------|-------|
| 0.77         |       |      |       |
| 0.91         |       | 0.0  | 0.0   |
| 1.06         |       | 0.0  | 0.0   |
| 1.20         |       | 0.0  | 0.0   |
| 1.34         |       | 0.0  | 0.0   |
| 1.48         |       | 0.0  | 0.0   |
| 1.63         |       | 0.0  | 0.0   |
| 1.77         | ***** | 7.1  | 7.1   |
| 1.91         | ***** | 11.9 | 19.0  |
| 2.05         | ***** | 11.9 | 31.0  |
| 2.20         | ***** | 11.9 | 42.9  |
| 2.34         |       | 0.0  | 42.9  |
| 2.48         | ***** | 11.9 | 54.8  |
| 2.62         | **    | 2.4  | 57.1  |
| 2.77         | ***** | 11.9 | 69.0  |
| 2.91         | ****  | 4.8  | 73.8  |
| 3.05         | **    | 2.4  | 76.2  |
| 3.19         | ***** | 9.5  | 85.7  |
| 3.34         | ***** | 7.1  | 92.9  |
| 3.48         | **    | 2.4  | 95.2  |
| 3.62         | **    | 2.4  | 97.6  |
| 3.77         | **    | 2.4  | 100.0 |
| 3.91         |       | 0.0  | 100.0 |
| 4.05         |       | 0.0  | 100.0 |
| 4.19         |       | 0.0  | 100.0 |

0      10      20      30      40      50      60      70      80      90      100

% OF SAMPLES IN CLASS INTERVAL



ARITHMETIC VALUES

INTERVAL INCREMENT 0.100 NO. SAMPLES 39

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9

PROJECT NAME: TODDOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | Ca%   | %    | C%    |
|--------------|-------|------|-------|
| 0.10         | ***** | 5.1  | 5.1   |
| 0.20         | ***** | 38.5 | 43.6  |
| 0.30         | ***** | 41.0 | 84.6  |
| 0.40         | ***** | 10.3 | 94.9  |
| 0.50         | ***** | 5.1  | 100.0 |
| 0.60         |       | 0.0  | 100.0 |
| 0.70         |       | 0.0  | 100.0 |
| 0.80         |       | 0.0  | 100.0 |
| 0.90         |       | 0.0  | 100.0 |
| 1.00         |       | 0.0  | 100.0 |
| 1.10         |       | 0.0  | 100.0 |
| 1.20         |       | 0.0  | 100.0 |
| 1.30         |       | 0.0  | 100.0 |
| 1.40         |       | 0.0  | 100.0 |
| 1.50         |       | 0.0  | 100.0 |
| 1.60         |       | 0.0  | 100.0 |
| 1.70         |       | 0.0  | 100.0 |
| 1.80         |       | 0.0  | 100.0 |
| 1.90         |       | 0.0  | 100.0 |
| 2.00         |       | 0.0  | 100.0 |
| 2.10         |       | 0.0  | 100.0 |
| 2.20         |       | 0.0  | 100.0 |
| 2.30         |       | 0.0  | 100.0 |
| 2.40         |       | 0.0  | 100.0 |
| 2.50         |       | 0.0  | 100.0 |

0      10      20      30      40      50      60      70      80      90      100

% OF SAMPLES IN CLASS INTERVAL

ARITHMETIC VALUES

INTERVAL INCREMENT 0.100 NO. SAMPLES 42

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9

PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | Mg%   | %    | C%    |
|--------------|-------|------|-------|
| 0.10         |       | 0.0  | 0.0   |
| 0.20         |       | 0.0  | 0.0   |
| 0.30         |       | 0.0  | 0.0   |
| 0.40         |       | 0.0  | 0.0   |
| 0.50         |       | 0.0  | 0.0   |
| 0.60         |       | 0.0  | 0.0   |
| 0.70         |       | 0.0  | 0.0   |
| 0.80         | ****  | 4.8  | 4.8   |
| 0.90         | ****  | 4.8  | 9.5   |
| 1.00         | ***** | 16.7 | 26.2  |
| 1.10         | ***** | 16.7 | 42.9  |
| 1.20         | ***** | 21.4 | 64.3  |
| 1.30         | ***** | 9.5  | 73.8  |
| 1.40         | ***** | 7.1  | 81.0  |
| 1.50         |       | 7.1  | 88.1  |
| 1.60         |       | 0.0  | 88.1  |
| 1.70         | **    | 2.4  | 90.5  |
| 1.80         | **    | 2.4  | 92.9  |
| 1.90         |       | 0.0  | 92.9  |
| 2.00         | **    | 2.4  | 95.2  |
| 2.10         | **    | 2.4  | 97.6  |
| 2.20         |       | 0.0  | 97.6  |
| 2.30         |       | 0.0  | 97.6  |
| 2.40         | **    | 2.4  | 100.0 |
| 2.50         |       | 0.0  | 100.0 |

0      10      20      30      40      50      60      70      80      90      100

% OF SAMPLES IN CLASS INTERVAL

-140-

ARITHMETIC VALUES

TRUNCATED DATA SET

INTERVAL INCREMENT 4.509 NO. SAMPLES 42  
 PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

| INTERVAL PPM | Cr    | %    | C%    |
|--------------|-------|------|-------|
| 3.41         |       | 0.0  | 0.0   |
| 7.92         |       | 0.0  | 0.0   |
| 12.43        |       | 0.0  | 0.0   |
| 16.94        |       | 0.0  | 0.0   |
| 21.45        | ***** | 9.5  | 9.5   |
| 25.96        | ****  | 4.8  | 14.3  |
| 30.46        | ****  | 4.8  | 19.0  |
| 34.97        | ***** | 9.5  | 28.6  |
| 39.48        | ***** | 14.3 | 42.9  |
| 43.99        | ***** | 7.1  | 50.0  |
| 48.50        | ***** | 14.3 | 64.3  |
| 53.01        | ***** | 14.3 | 78.6  |
| 57.52        | ****  | 4.8  | 83.3  |
| 62.03        | ****  | 4.8  | 88.1  |
| 66.54        | ****  | 4.8  | 92.9  |
| 71.04        |       | 0.0  | 92.9  |
| 75.55        | **    | 2.4  | 95.2  |
| 80.06        |       | 0.0  | 95.2  |
| 84.57        |       | 0.0  | 95.2  |
| 89.08        |       | 0.0  | 95.2  |
| 93.59        | **    | 2.4  | 97.6  |
| 98.10        |       | 0.0  | 97.6  |
| 102.61       | **    | 2.4  | 100.0 |
| 107.12       |       | 0.0  | 100.0 |
| 111.62       |       |      |       |

LOGARITHMIC VALUES

INTERVAL(STDV/F) 0.078 NO.SAMPLES 27

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9

PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | Mo    | %    | C%    |
|--------------|-------|------|-------|
| 0.52         |       |      |       |
| 0.63         |       | 0.0  | 0.0   |
| 0.75         |       | 0.0  | 0.0   |
| 0.90         |       | 0.0  | 0.0   |
| 1.07         |       | 0.0  | 0.0   |
| 1.29         |       | 0.0  | 0.0   |
| 1.54         |       | 0.0  | 0.0   |
| 1.85         |       | 0.0  | 0.0   |
| 2.21         | ***** | 29.6 | 29.6  |
| 2.65         |       | 0.0  | 29.6  |
| 3.17         | ***** | 11.1 | 40.7  |
| 3.80         |       | 0.0  | 40.7  |
| 4.55         | ***** | 11.1 | 51.9  |
| 5.45         | ***** | 11.1 | 63.0  |
| 6.53         | ***** | 7.4  | 70.4  |
| 7.82         |       | 0.0  | 70.4  |
| 9.37         | ***** | 7.4  | 77.8  |
| 11.23        | ***** | 7.4  | 85.2  |
| 13.45        | ***** | 7.4  | 92.6  |
| 16.11        | ***   | 3.7  | 96.3  |
| 19.29        | ***   | 3.7  | 100.0 |
| 23.11        |       | 0.0  | 100.0 |
| 27.68        |       | 0.0  | 100.0 |
| 33.16        |       | 0.0  | 100.0 |
| 39.72        |       | 0.0  | 100.0 |

0 10 20 30 40 50 60 70 80 90 100  
% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES

INTERVAL(STDV/F) 0.064 NO.SAMPLES 41

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | Cu    | %    | C%    |
|--------------|-------|------|-------|
| 20.15        |       | 0.0  | 0.0   |
| 23.33        |       | 0.0  | 0.0   |
| 27.02        |       | 0.0  | 0.0   |
| 31.28        |       | 0.0  | 0.0   |
| 36.22        |       | 0.0  | 0.0   |
| 41.93        |       | 0.0  | 0.0   |
| 48.55        | **    | 2.4  | 2.4   |
| 56.21        |       | 0.0  | 2.4   |
| 65.08        | ***** | 14.6 | 17.1  |
| 75.36        | ***** | 7.3  | 24.4  |
| 87.25        | ***** | 17.1 | 41.5  |
| 101.02       | ***** | 9.8  | 51.2  |
| 116.96       | ***** | 9.8  | 61.0  |
| 135.42       | **    | 2.4  | 63.4  |
| 156.79       | **    | 2.4  | 65.9  |
| 181.54       | ***** | 9.8  | 75.6  |
| 210.19       | ***** | 7.3  | 82.9  |
| 243.36       | ****  | 4.9  | 87.8  |
| 281.77       | **    | 2.4  | 90.2  |
| 326.24       | **    | 2.4  | 92.7  |
| 377.73       | **    | 2.4  | 95.1  |
| 437.35       | ****  | 4.9  | 100.0 |
| 506.37       |       | 0.0  | 100.0 |
| 586.29       |       | 0.0  | 100.0 |
| 678.82       |       | 0.0  | 100.0 |

0      10      20      30      40      50      60      70      80      90      100  
 % OF SAMPLES IN CLASS INTERVAL

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LOGARITHMIC VALUES  
 INTERVAL(STDV/F) 0.081 NO.SAMPLES 27  
 PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9  
 PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | Au    | %    | C%    |
|--------------|-------|------|-------|
| 2.37         |       | 0.0  | 0.0   |
| 2.86         |       | 0.0  | 0.0   |
| 3.44         |       | 0.0  | 0.0   |
| 4.15         |       | 0.0  | 0.0   |
| 5.00         |       | 0.0  | 0.0   |
| 6.02         |       | 0.0  | 0.0   |
| 7.25         |       | 0.0  | 0.0   |
| 8.74         |       | 0.0  | 0.0   |
| 10.53        | ***** | 29.6 | 29.6  |
| 12.69        |       | 0.0  | 29.6  |
| 15.29        |       | 0.0  | 29.6  |
| 18.42        | ***** | 37.0 | 66.7  |
| 22.19        |       | 0.0  | 66.7  |
| 26.74        | ***** | 14.8 | 81.5  |
| 32.22        |       | 0.0  | 81.5  |
| 38.82        | ***   | 3.7  | 85.2  |
| 46.77        | ***   | 3.7  | 88.9  |
| 56.35        |       | 0.0  | 88.9  |
| 67.90        | ***   | 3.7  | 92.6  |
| 81.81        |       | 0.0  | 92.6  |
| 98.56        |       | 0.0  | 92.6  |
| 118.76       | ***** | 7.4  | 100.0 |
| 143.09       |       | 0.0  | 100.0 |
| 172.40       |       | 0.0  | 100.0 |
| 207.72       |       | 0.0  | 100.0 |

0 10 20 30 40 50 60 70 80 90 100  
% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES

INTERVAL(STDV/F) 0.062 NO.SAMPLES 21

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9

PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

Na%

INTERVAL PPM

%

C%

| INTERVAL PPM | %    | C%   |
|--------------|------|------|
| 0.00         | 0.0  | 0.0  |
| 0.01         | 0.0  | 0.0  |
| 0.01         | 0.0  | 0.0  |
| 0.01         | 0.0  | 0.0  |
| 0.01         | 0.0  | 0.0  |
| 0.01         | 0.0  | 0.0  |
| 0.01         | 0.0  | 0.0  |
| 0.01         | 0.0  | 0.0  |
| 0.01         | 0.0  | 0.0  |
| 0.01         | 0.0  | 0.0  |
| 0.01         | 0.0  | 0.0  |
| 0.02         | 0.0  | 0.0  |
| 0.02         | 0.0  | 0.0  |
| 0.02         | 85.7 | 85.7 |
| 0.02         | 0.0  | 85.7 |
| 0.02         | 0.0  | 85.7 |
| 0.03         | 0.0  | 85.7 |
| 0.03         | 0.0  | 85.7 |
| 0.04         | 0.0  | 85.7 |
| 0.04         | 0.0  | 85.7 |
| 0.04         | 4.8  | 90.5 |
| 0.05         | 0.0  | 90.5 |
| 0.06         | 0.0  | 90.5 |
| 0.07         | 0.0  | 90.5 |
| 0.08         | 0.0  | 90.5 |
| 0.09         | 0.0  | 90.5 |
| 0.09         | 4.8  | 95.2 |
| 0.10         | 0.0  | 95.2 |
| 0.12         | 0.0  | 95.2 |
| 0.14         | 0.0  | 95.2 |

0 10 20 30 40 50 60 70 80 90 100

% OF SAMPLES IN CLASS INTERVAL

LOGARITHMIC VALUES

INTERVAL(STDV/F) 0.055 NO.SAMPLES 40

PROPERTY NAME: BIRD CLAIMS SURVEY TYPE: TALUS FINES NTS: 94D/9

PROJECT NAME: TOODOGGONE PROJECT CODE: 505 PROVINCE: B.C. YEAR: 1982

TRUNCATED DATA SET

| INTERVAL PPM | K%    | %    | C%    |
|--------------|-------|------|-------|
| 0.01         |       | 0.0  | 0.0   |
| 0.01         |       | 0.0  | 0.0   |
| 0.02         |       | 0.0  | 0.0   |
| 0.02         |       | 0.0  | 0.0   |
| 0.02         |       | 0.0  | 0.0   |
| 0.02         |       | 0.0  | 0.0   |
| 0.02         |       | 0.0  | 0.0   |
| 0.03         |       | 0.0  | 0.0   |
| 0.03         |       | 0.0  | 0.0   |
| 0.03         | ***** | 20.0 | 20.0  |
| 0.03         |       | 0.0  | 20.0  |
| 0.04         | ***** | 12.5 | 32.5  |
| 0.04         |       | 0.0  | 32.5  |
| 0.05         | ***** | 27.5 | 60.0  |
| 0.06         | ***** | 10.0 | 70.0  |
| 0.06         | ***** | 5.0  | 75.0  |
| 0.07         | ***** | 5.0  | 80.0  |
| 0.08         | **    | 2.5  | 82.5  |
| 0.09         | ***** | 5.0  | 87.5  |
| 0.11         |       | 0.0  | 87.5  |
| 0.12         | **    | 2.5  | 90.0  |
| 0.14         | ***** | 5.0  | 95.0  |
| 0.15         | ***** | 5.0  | 100.0 |
| 0.17         |       | 0.0  | 100.0 |
| 0.20         |       | 0.0  | 100.0 |
| 0.22         |       | 0.0  | 100.0 |
| 0.26         |       | 0.0  | 100.0 |

0 10 20 30 40 50 60 70 80 90 100  
% OF SAMPLES IN CLASS INTERVAL



Appendix 5  
Statement of Costs

BIRD CLAIMS ASSESSMENT REPORT

Statement of Costs

|                        |                      |                 |
|------------------------|----------------------|-----------------|
| Analytical costs       | 379 samples @ \$8.83 | \$ 3,346.00     |
| Computer processing    | 379 samples @ \$3.00 | 1,137.00        |
| Printing, reproduction |                      | 116.00          |
| Drafting               |                      | 250.00          |
| Report preparation     | 6 days               | <u>1,200.00</u> |
|                        | Total                | \$ 6,049.00     |

Apportionment of Exploration Work:

|      |    | <u>RECORD NUMBER</u> | <u>RECORD DATE</u> | <u>HECTARES</u> |
|------|----|----------------------|--------------------|-----------------|
| BIRD | 4  | 128491               | September 25, 1973 | 20.9            |
| BIRD | 6  | 128493               | September 25, 1973 | 20.9            |
| BIRD | 8  | 128495               | September 25, 1973 | 20.9            |
| BIRD | 10 | 128497               | September 25, 1973 | 20.9            |
| BIRD | 12 | 128499               | September 25, 1973 | 20.9            |
| BIRD | 14 | 128501               | September 25, 1973 | 20.9            |
| BIRD | 16 | 128503               | September 25, 1973 | 20.9            |
| BIRD | 18 | 128505               | September 25, 1973 | 20.9            |
| BIRD | 27 | 128514               | September 25, 1973 | 20.9            |
| BIRD | 28 | 128515               | September 25, 1973 | 20.9            |

2 years each - \$4,000.00

|      |    |        |                    |      |
|------|----|--------|--------------------|------|
| BIRD | 15 | 128502 | September 25, 1973 | 20.9 |
| BIRD | 17 | 128504 | September 25, 1973 | 20.9 |
| BIRD | 19 | 128506 | September 25, 1973 | 20.9 |
| BIRD | 20 | 128507 | September 25, 1973 | 20.9 |
| BIRD | 21 | 128508 | September 25, 1973 | 20.9 |
| BIRD | 22 | 128509 | September 25, 1973 | 20.9 |
| BIRD | 23 | 128510 | September 25, 1973 | 20.9 |
| BIRD | 24 | 128511 | September 25, 1973 | 20.9 |
| BIRD | 25 | 128512 | September 25, 1973 | 20.9 |
| BIRD | 26 | 128513 | September 25, 1973 | 20.9 |

1 year each - \$2,000.00

Appendix 6  
List of Qualifications

List of Qualifications - S.J. Hoffman

- BSc 1969 - McGill University (Hons Geology and Chemistry)  
MSc 1972 - The University of British Columbia (Geochemistry)  
PhD 1976 - The University of British Columbia (Geochemistry)

List of Publications

1. Hoffman, S.J., 1972  
Geochemical dispersion in bedrock and glacial overburden around a copper property in south central British Columbia. MSc thesis, unpublished, U.B.C., 209 pp.
2. Hoffman, S.J. and Fletcher, W.K., 1972  
Distribution of copper at the Dansey-Rayfield River property, south central British Columbia.  
J. Geoch. Expl. 1, 163-180.
3. Hoffman, S.J. and Waskett-Myers, M.J., 1974  
Determination of molybdenum in soils and sediments with a modified zinc dithiol procedure.  
J. Geoch. Expl. 3, 61-66.
4. Hoffman, S.J., 1974  
Pebble-Cards - A record of the coarse fraction of stream sediments for geochemical exploration.  
J. Geoch. Expl. 3, 387-388.
5. Hoffman, S.J. and Fletcher, W.K., 1976  
Reconnaissance geochemistry on the Nechako Plateau, B.C., using lake sediments.  
J. Geoch. Expl. 5, 101-114.
6. Hoffman, S.J., 1976  
Mineral Exploration of the Nechako Plateau, central British Columbia, using lake sediment geochemistry.  
PhD thesis, unpublished, U.B.C., 347 pp.
7. Hoffman, S.J., 1977  
Talus fine sampling as a regional geochemical exploration technique in mountainous regions.  
J. Geoch. Expl. 7, 349-360.

8. Hoffman, S.J. and Fletcher, W.K., 1979  
Sequential extraction of copper, zinc, iron manganese and molybdenum from soils and sediments.  
In Geochemical Exploration 1978, Proceedings of the Seventh International Geochemical Exploration symposium, Golden, Colorado, 289-299.
9. Hoffman, S.J. and Fletcher, W.K., 1981  
Detailed lake sediment sampling of anomalous lakes on the Nechako Plateau, central British Columbia - Comparison of trace metal distributions in Capoose and Fish Lakes.  
J. Geochemical Exploration 14, 221-224.
10. Hoffman, S.J. and Fletcher, W.K., 1981  
Organic matter scavenging of copper, zinc, molybdenum, iron, and manganese, estimated by a sodium hypochlorite extraction (pH 9.5).  
J. Geochemical Exploration 15, 549-562.
11. Hoffman, S.J., Arnold, P.M. and Zink, E.W., 1981  
Rapid field determination of copper by anodic stripping voltammetry (ASV).  
In press, Encyclopedia of Earth Sciences.
12. Hoffman, S.J., 1981  
Lake sediment geochemistry.  
In press, Encyclopedia of Earth Sciences.
13. Hoffman, S.J., 1981  
Geochemical exploration for unconformity-type uranium deposits in permafrost terrain - Hornby Bay basin, Northwest Territories, Canada. In press.

#### List Of Memberships

1. Geological Association of Canada, since 1967.
2. Canadian Institute of Mining and Metallurgy, since 1973.
3. Association of Exploration Geochemists, since 1973.
4. American Society of Agronomy, since 1973.

#### Other Qualifications

1. Instructor on methods of geochemical exploration for the B.C. Department of Mines prospecting school, May 1977 - 1982 (6 years).
2. Instructor, Short course on Geochemical Exploration in the Canadian Shield, McGill University, January 1979.

3. Speaker, CIM in Prince George, B.C. on "Lake Sediment Geochemistry", May, 1977.
4. Speaker, Geosciences Council, Yellowknife on "Lake Sedimentary Geochemistry, Hornby Bay area", December 1978, and also December 1980.
5. Instructor, Short course on Geochemical Exploration (computer and statistical applications), Northwest Mining Association, Spokane, Washington, December 1979.
6. Council member, Association of Exploration Geochemists, 1980-1984
7. Chairman, GOLD-81 Symposium, Precious Metals in the Northern Cordillera: April 12-15, 1981. Co-sponsored by the Association of Exploration Geochemists and the Cordilleran Section of the Geological Association of Canada.
8. Business Editor, Proceedings of the GOLD-81 Symposium published Feb., 1982.