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GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORTS
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GEOLOGY AND GEOCHEMISTRY  
CYGNET PROJECT/SWAN PROPERTY  
SWAN 1-14, NELL 1-10, R 1-16 and RAP 17 CLAIMS  
Record Numbers 308212 - 308216, 316185 - 316193,  
308237 - 308244, 308219 - 308244, 312616  
Mesilinka River to Swanell River  
Omineca Mining Division  
Latitude 56°29'N Longitude 125°30'W  
NTS 94C/5,6,12

Claims Owned by Stratabound Minerals Corp.

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**  
Wayne Johnson

**24,362**

TARGET EXPLORATION SERVICES LTD.  
FEBRUARY 27, 1996

**FILMED**

## SUMMARY

The Swan property is situated in north-central British Columbia. During the period September 9-25, a field program comprised of rock and soil geochemical sampling was carried out on the property. The soil geochemical program analyzed samples by a combination of conventional and enzyme leach techniques.

The work confirmed that highly anomalous levels of Pb, Zn, Ag, and Ba exist in soils and rocks over extensive areas of the Swan property but especially in the Swan, Knoll and Rain prospect areas. Previously unknown anomalous areas were tentatively identified by the enzyme leach method.

For all areas (Swan, Knoll, Rain and Crag), most of the mineralization appears to be associated with the specific stratigraphic interval below or at the base of the Echo Lake Group. This strongly suggests that the control on the mineralization is stratigraphic rather than structural. The control may be a particular lithological unit, an unconformity or a low-angle thrust fault. A traverse across the area underlain by Big Creek lithologies southwest of the Knoll identified two new anomalous areas.

The pilot study using enzyme leach analysis successfully identified previously unknown anomalous areas and has provided valuable information to aid in the design of the next exploration program on the property.

Further exploration comprising enzyme leach soil geochemical surveys is recommended for all prospect areas. A program of diamond drilling is recommended for the Swan grid.

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## 1.0 INTRODUCTION

### 1.1 GENERAL

The Swan property is situated in north-central British Columbia. During the period September 9-25, a field program of rock and soil sampling was carried out on the property. The results of this work are described herein.

### 1.2 PROPERTY

The Swan property comprises 43 claims made up of 239 units. The claims were staked in March, 1992 and sold to Stratabound Minerals Corp. in 1993. Details of claim tenure are as shown in the following table and on Figure 1.

CLAIM NAME	TENURE	NO. UNITS	STAKED	DUE DATE
Swan 1	308212	12	March 17/92	March 17/96
Swan 2	308213	16	March 16/92	March 16/97
Swan 3	308214	16	March 16/92	March 16/96
Swan 4	308215	15	March 18/92	March 18/96
Swan 5	308216	18	March 19/92	March 19/97
Swan 6	316185	16	Feb. 17/93	Feb. 17/97
Swan 7	316186	20	"	"
Swan 8	316187	20	"	"
Swan 9	316188	20	Feb. 18/93	Feb. 18/97
Swan 10	316189	9	Feb. 19/93	Feb. 19/97
Swan 11	316190	15	"	"
Swan 12	316191	15	Feb. 20/93	Feb. 20/97
Swan 13	316192	8	"	"
Swan 14	316193	12	"	"
Nell 1-10	308235-308236	10	March 19/92	March 19/97
R 1-16	308219-308234	16	March 19/92	March 19/97
RAP 17	312616	1	August 16/92	August 16/97

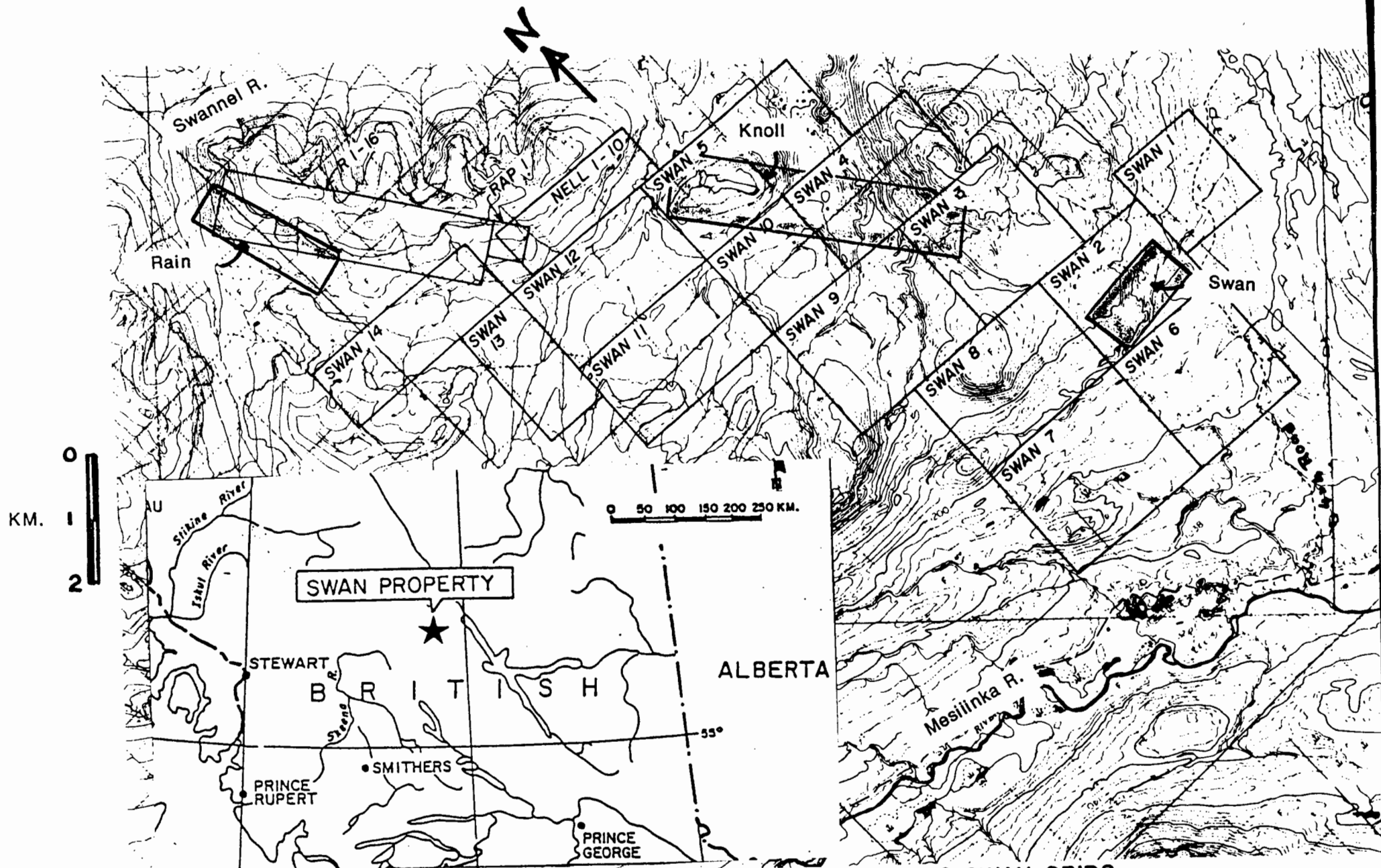


FIGURE 1: CLAIM LOCATION MAP SHOWING OLD RAIN,KNOLL & SWAN GRIDS

### 1.3 LOCATION AND ACCESS

The Swan property is located at approximately 56°29'N, 125°30'W and is within NTS map-areas 94C/5,6 and 12. The property is approximately 210 kilometres northwest of Mackenzie and 250 kilometres north-northwest of Fort St. James (Figure 1). It straddles the height of land along the Lay Range between the Mesilinka and Swannell Rivers.

For this project, access to the property was by a series of gravel all-weather forest access roads from Mackenzie (by barge across Williston Lake) or Windy Point on Highway 97, and past the Osilinka Logging Camp to Louisville (home of Louie's Cafe), which is about 10 kilometres southwest of the property. From the cafe the property can be reached by a short helicopter ride. Although the southeastern portion of the Swan 2 claim is traversed by the old Ingenika Mining Road, this was found to be impassable by four-wheel drive pickup truck.

### 1.4 PREVIOUS WORK

The earliest record of exploration in the area is that of Cominco in the 1960's. Their work discovered most of the known showings.

During 1972, SEREM Ltd. carried out a regional stream sediment geochemical program throughout the Omineca Mountains. This led to the staking of what are referred to in this report as the Swan, Knoll and Rain prospects. In 1973, SEREM carried out line-cutting, soil geochemistry, geological mapping, trenching and ground geophysical surveys on each property and in 1974 they drilled 13 holes on the Rain property. As assessment work was not filed on the drilling the results are not known. All the claims were allowed to lapse.

In 1992, the present property covering all known showings as well as intervening areas and extensions, was staked. A program of soil geochemical sampling and limited geological mapping was carried out in the area of the old showings by Firesteel Resources. This work confirmed the existence of large highly significant Pb-Zn-Ag soil geochemical anomalies (Olfert, 1992).

In 1993, the property was sold to Stratabound Minerals Corp. which optioned it to Cominco Ltd. Cominco carried out an extensive work program which included detailed soil geochemical surveying and geological mapping over the Swan grid showings. Control for this work was a topofil and compass grid with lines at 100 metre intervals. Soil samples were taken every 50 metres along these lines. Figure 4 shows the approximate boundary of this grid. Reconnaissance geological mapping combined with contour soil geochemical sampling was done in the vicinity of the Rain and Knoll prospects and over some areas underlain by Gilliland Tuff. A regional silt sampling program was also undertaken. Some old trenches on the Rain and Swan showings were mapped and sampled in detail. Cominco concluded most of the Pb-Zn-Ag showings were apparently structurally controlled with limited potential and dropped their option on the property.

The same year the area was mapped at a scale of 1:50,000 by F. Ferri and crew of the B.C. Geological Survey.

## 1.5 WORK DONE

In the current program, work was carried out in three areas: the Swan grid, the Knoll prospect and the Rain prospect. A large part of the work was done on the Swan grid, where camp was set up near the Swan 93 trench beside a small stream. Approximately 10 days were spent in this location; all work was done by traversing by foot from this camp. Work on the Swan grid included four soil geochemical traverses with a total of 53 samples collected and sent to Bondar-Clegg for determination of Ag, Pb, Zn and Ba by a conventional analytical technique comprising ICP analysis following aqua regia digestion. Duplicate samples were collected at the same sites and sent to Activation Laboratories Ltd. for enzyme leach analysis.

Two trenches at the Swan 93 showing were cleaned out and channel sampled and grab samples were taken from the Main showing and from other areas of potential mineralization (see Fig 3) from both float and outcrop. Some of the work on the Swan grid was done on the old Serem grid lines which can still be located with some difficulty. These lines are plotted in their approximate location on figure 3.

On the Knoll prospect area, camp was set up beside a small lake just west of the large hill known as the Knoll. Work was done by foot from this camp with the exception of a brief helicopter visit to the area of the Burn prospect.

This work consisted primarily of soil geochemical sampling down the sides of the Knoll. Three of these traverses covered the previously known geochemical anomalies which occur on three sides of the Knoll and the other traverse ran out across the contact with the Big Creek group argillites and well into that unit. Work also included some rock sampling and inspection of mineralized areas.

At the Crag occurrence, two trenches were resampled (chips) and some sampling of float and outcrop was done in the area of the trenches. Near the Burn occurrence, rock samples were taken of the Big Creek Formation from near the reported location of the Burn occurrence, which was not located.

At the Rain prospect, work was carried out during two visits by helicopter. One traverse line of 13 soil samples was taken along the southwest side of the ridge crossing the trend of previously determined soil anomalies and mineralization. Grab samples of highly mineralized rock from a trench and from float were also taken.



## 2.0 GENERAL GEOLOGY

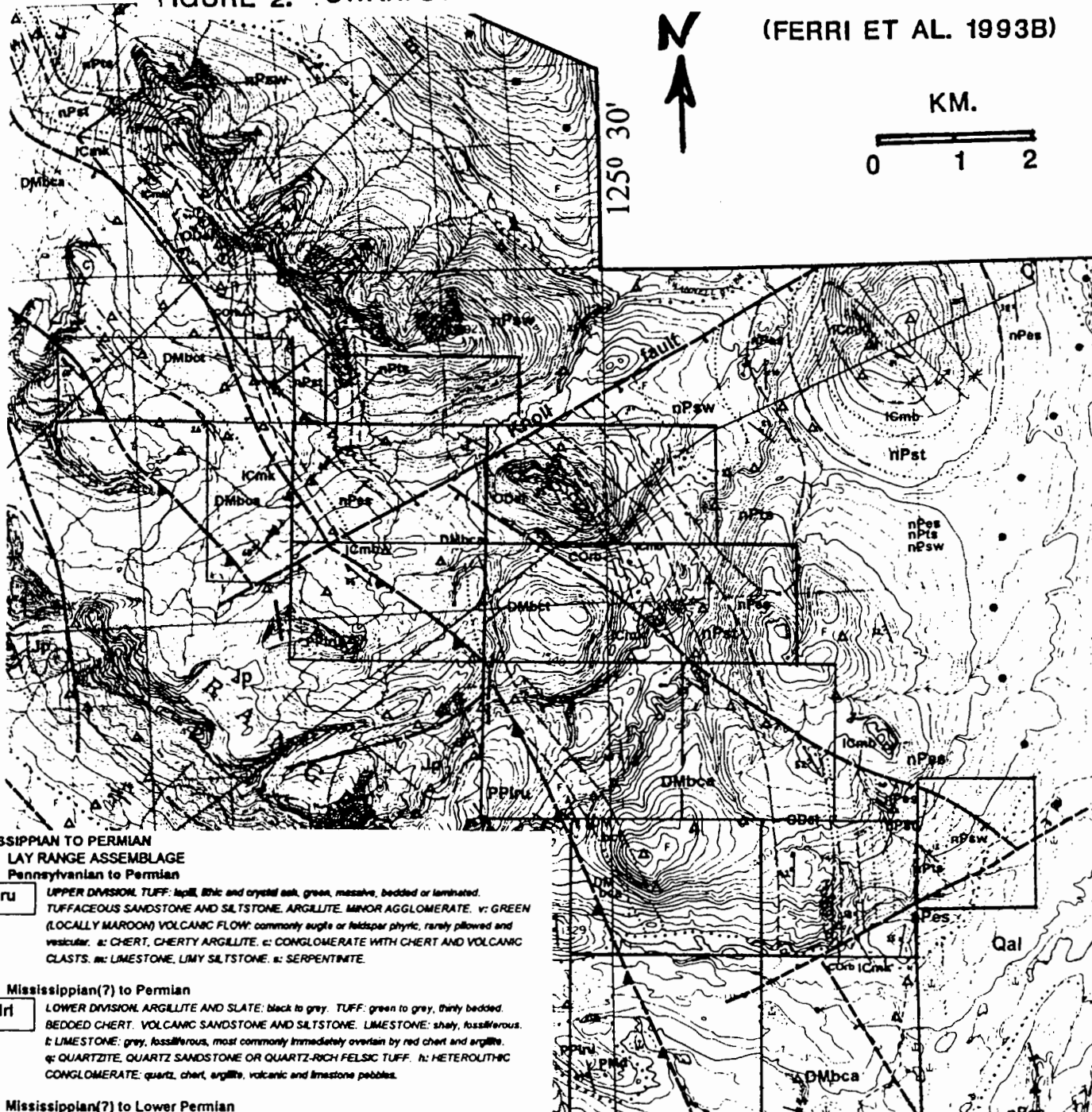
### 2.1 GENERAL

Rocks in the area covered by the claims are primarily sedimentary and range in age from upper Proterozoic through upper Devonian. They lie within the Cassiar Terrane, which is a portion of the ancestral North American continental margin. Figure 2 shows the geology of the Swan area, from Ferri, with the outline of the claims superimposed.

### 2.2 GLACIAL GEOLOGY

Roots (1954), in describing the glacial history, indicates that the predominant glacial direction was toward the northeast although this has been modified by or overprinted by valley glaciation toward the end of the glacial period. The result, therefore, is a somewhat complex picture which is beyond the scope of this report.

FIGURE 2: SWAN/CYGNET PROPERTY CLAIMS ON GEOLOGY MAP (FERRI ET AL. 1993B)



**MISSISSIPPIAN TO PERMIAN  
LAY RANGE ASSEMBLAGE  
Pennsylvanian to Permian**

**PPiru** UPPER DIVISION. TUFF: lapilli, tuffic and crystal ash, green, massive, bedded or laminated. TUFFACEOUS SANDSTONE AND SILTSTONE. ARGILLITE. MINOR AGGLOMERATE. v: GREEN (LOCALLY MAROON) VOLCANIC FLOW: commonly angular or feldspar phytic, rarely pillowed and vesicular. a: CHERT, CHERTY ARGILLITE. c: CONGLOMERATE WITH CHERT AND VOLCANIC CLASTS. m: LIMESTONE. lmy SILTSTONE. s: SERPENTINITE.

**Mississippian(?) to Permian**  
**MPIrt** LOWER DIVISION. ARGILLITE AND SLATE: black to grey. TUFF: green to grey, thinly bedded. BEDDED CHERT. VOLCANIC SANDSTONE AND SILTSTONE. LIMESTONE: shaly, fossiliferous. f: LIMESTONE: grey, fossiliferous, most commonly immediately overlain by red chert and argillite. q: QUARTZITE. QUARTZ SANDSTONE OR QUARTZ-RICH FELSIC TUFF. h: HETEROGENEOUS CONGLOMERATE: quartz, chert, argillite, volcanic and limestone pebbles.

**Mississippian(?) to Lower Permian**  
**Cooper Ridge group**  
**MPcr** ARGILLITE AND SLATE: grey to black, wavy to planar bedded. MINOR LIMESTONE: grey to brown, argillaceous to siliceous, thin to thickly bedded.

**EVONIAN AND MISSISSIPPIAN**  
**Upper Devonian to Lower Mississippian**  
**BIG CREEK GROUP**  
**DMbca** SHALE, ARGILLITE AND SILTSTONE: dark grey, blue grey and black, thinly to very thinly bedded and platy to wavy bedded. QUARTZ WACKLE TO SANDSTONE: black to dark grey. CHERT TO CHERTY ARGILLITE. CONGLOMERATE: polymictic. MINOR LIMESTONE: dark grey, platy.

**DMbct** GILLILAND TUFF: TUFF: grey, quartz and/or feldspar bearing. MINOR ARGILLITE: pyritic.

**EVONIAN**  
**Middle Devonian**  
**OTTER LAKES GROUP**  
**mDol** DOLOMITE AND LIMESTONE: dark grey to grey, bed, poorly bedded, locally fossiliferous. DOLOMITE: grey, massive.

**RODOVICIAN TO DEVONIAN**  
**Middle Ordovician to Lower Devonian**  
**ECHO LAKE GROUP**  
**ODel** DOLOMITE AND LIMESTONE: pale to medium grey, thinly bedded to massive, medium crystalline and sugary, may be bioclastic, oolitic and contain carbonate breccia horizons, locally silicified and almost cherty, may exhibit sigmoid structures. FENESTRAL DOLOMITE: extensive lower in the unit. SANDY DOLOMITE: locally fossiliferous, found near the top of the unit. MINOR SHALE.

**UMBRIAN AND ORDOVICIAN**  
**RAZOR BACK GROUP**  
**COrb** UPPER PART. CALCAREOUS ARGILLITE, ARGILLACEOUS AND DOLOMITIC LIMESTONE: both dark grey, thinly bedded.

**CAMBRIAN**  
**Lower Cambrian**  
**ATAN GROUP**  
**MOUNT KISON FORMATION**  
**ICmk** LIMESTONE: grey to white and mottled, recrystallized, thin, wavy, indistinct and discontinuous bed, slightly argillaceous and may be dolomitized, generally well bedded at bottom and more massive to top.

**MOUNT BROWN FORMATION**  
**ICmb** SANDSTONE, IMPURE QUARTZITE: grey brown to maroon, moderately to thickly bedded. INTERLAYERED WITH SILTSTONE AND PHYLLITE: dark grey to grey green, thin to thickly bedded. MINOR LIMESTONE MODULES.

**NEOPROTEROZOIC**  
**INGENIKA GROUP**  
**STELKUZ FORMATION**  
**nPst** PHYLLITE, SCHIST AND IMPURE QUARTZITE: green-grey, crenulated. LIMESTONE: white, locally coloured to bluish-grey, clean with thin micaceous partings. PHYLLITE, SLATE AND SILTSTONE: blue-grey to black, graphitic, locally contains biotite and garnet.

**ESPEE FORMATION**  
**nPes** LIMESTONE: locally dolomitic, dark grey, grey to white mottled, thin to moderately bedded, locally marbled.

**TSAYDZ FORMATION**  
**nPts** SLATE, PHYLLITE: greenish grey to grey. INTERLAYERED WITH LIMESTONE TO CALCAREOUS PHYLLITE: both thinly bedded. LIMESTONE: blue-grey, impure and laminated. LESSER SANDS: SILTSTONE: green-grey, feldspathic wacke, locally contains biotite.

**SWANNELL FORMATION**

## 3.0 GEOLOGY OF PROPERTY

### 3.1 GENERAL

Most of the rock units within the report area are carbonates, with lesser shales which are often indistinguishable from each other. In the geological description of the three areas, the writer has relied heavily on Rhodes (1993) descriptions, as detailed geologic mapping and stratigraphic mapping were not part of this program. Although Rhodes (1993) preferred the use of older stratigraphic names to those proposed by Ferri (1993), this report will use Ferri's terminology with the older terminology in brackets.

Although no systematic mapping was done during this program, brief descriptive notes for some of the outcrops and float encountered during the traversing are shown on the figures.

### 3.2 GEOLOGY OF SWAN GRID AREA

#### 3.2.1 Rock Types

Compiled geology of the Swan grid area is shown on Figure 3. Although in detail there is considerable variation in the interpretations of earlier workers, there is general agreement in the broad features. The area is underlain by rocks trending north and dipping at 40° to 50° to the west. Light coloured limestones of the Mt. Kison (Rosella) Formation, with some shaly carbonates, overlie quartzites and sericitic mudstones of the Mount Brown (Boya) Formation, which in turn overlie carbonates and clastics of the Ingenika Group. Overlying the Mount Kison (Rosella) carbonates are dolomites that contain 20 to 80% blue-grey to white silica. The silica commonly occurs as thin laminae, veinlets, breccia fillings, crude fragments and irregular masses. Although the origin of this rock is not clear, the textures can generally be described as either platy and possibly algal laminations or an unlayered breccia of unknown origin. This rock type comprises the top of the large hill immediately above the apparent bedrock source of the mineralization on the Swan East anomaly and lies a few tens of metres to the west of the trench at the Main showing. The spatial relationship between this rock and the mineralization suggests a possible genetic link as discussed in a later section.

#### 3.2.2 Mineral Occurrences

Many showings are present, most of which are stringers, veins, disseminations and possibly massive replacement patches of sphalerite, smithsonite and lesser galena. This mineralization appears to occur most often within or near occasionally vuggy reddish-weathering yellowish ferrodolomite which may occur as altered areas within Mount Kison (Rosella) limestones. Both sphalerite and smithsonite are difficult to recognize and are detected in part by their high specific gravity. On the East Swan anomaly, several pieces of reddish brown to dark brown, partly to completely oxidized rock were found on the slope, presumably derived from an immediately upslope source.

### 3.3 GEOLOGY OF KNOLL PROSPECT AREA

#### 3.3.1 Rock Types

The Knoll is a very prominent 300 metre high hill which is elongated in a northwest direction (Figure 5). The northeast side is somewhat steeper than the southwest. The top of the hill is underlain by dolomite that is 30 to 80% silicified into a chert-like rock. This rock shows the fenestral and cryptalgal laminae characteristic of the Echo Lake (Sandpile) Group. The silicified dolomite overlies limestones and dolomites that may be Mount Kison (Rosella) Formation. These are exposed on the flanks of the Knoll.

#### 3.3.2. Mineral Occurrences

Rhodes describes the most prominent area of mineralization, one perched on a prominent scarp on the northwest face of the Knoll, as consisting of a 10 by 15 metre area of Mount Kison carbonates cut by a number of irregular barite-galena veins with minor sphalerite and smithsonite. These veins are up to 0.5 metres wide. The rock is somewhat brecciated and dolomitized and may in part be related to a fault. Disseminated mineralization is also reported on the southeast face of the Knoll and may occur elsewhere on the flanks of the Knoll.

### 3.4 GEOLOGY OF RAIN PROSPECT AREA

#### 3.4.1 Rock Types

Rocks on the Rain prospect comprise a thin interval of Mt. Kison (Rosella) Formation carbonates exposed along the high point of the prominent ridge and forming the dip slope that falls away moderately steeply to the southwest. Ferri shows this to be overlain by a "slice" of limestone and dolomite of the Echo Lake Group (Figure 6). On the northeast side of the ridge, a thin interval of argillite or argillaceous and dolomitic limestone of the Razor Back Group lies between the Mt. Kison and Echo Lake rocks. Rhodes interpretation, not discussed here, differs substantially from that of Ferri.

#### 3.4.2. Mineral Occurrences

Mineralization occurs on the lower part of the southwest facing slope. Phodes suggested that the favourable stratigraphy may be particularly fossiliferous with fossil hash zones showing up in several of the trenches. The showings, which cover a strike length of 1.5 km, have been described as stratabound ferrodolomite zones which may be in part controlled by cross cutting faults. Scattered float with significant barite, galena and smithsonite (see sample results below) occur along this zone. A trench at the north end of the zone has semi-massive galena and lesser sphalerite mineralization. An 800 metre interval of this zone was drilled by Serem.

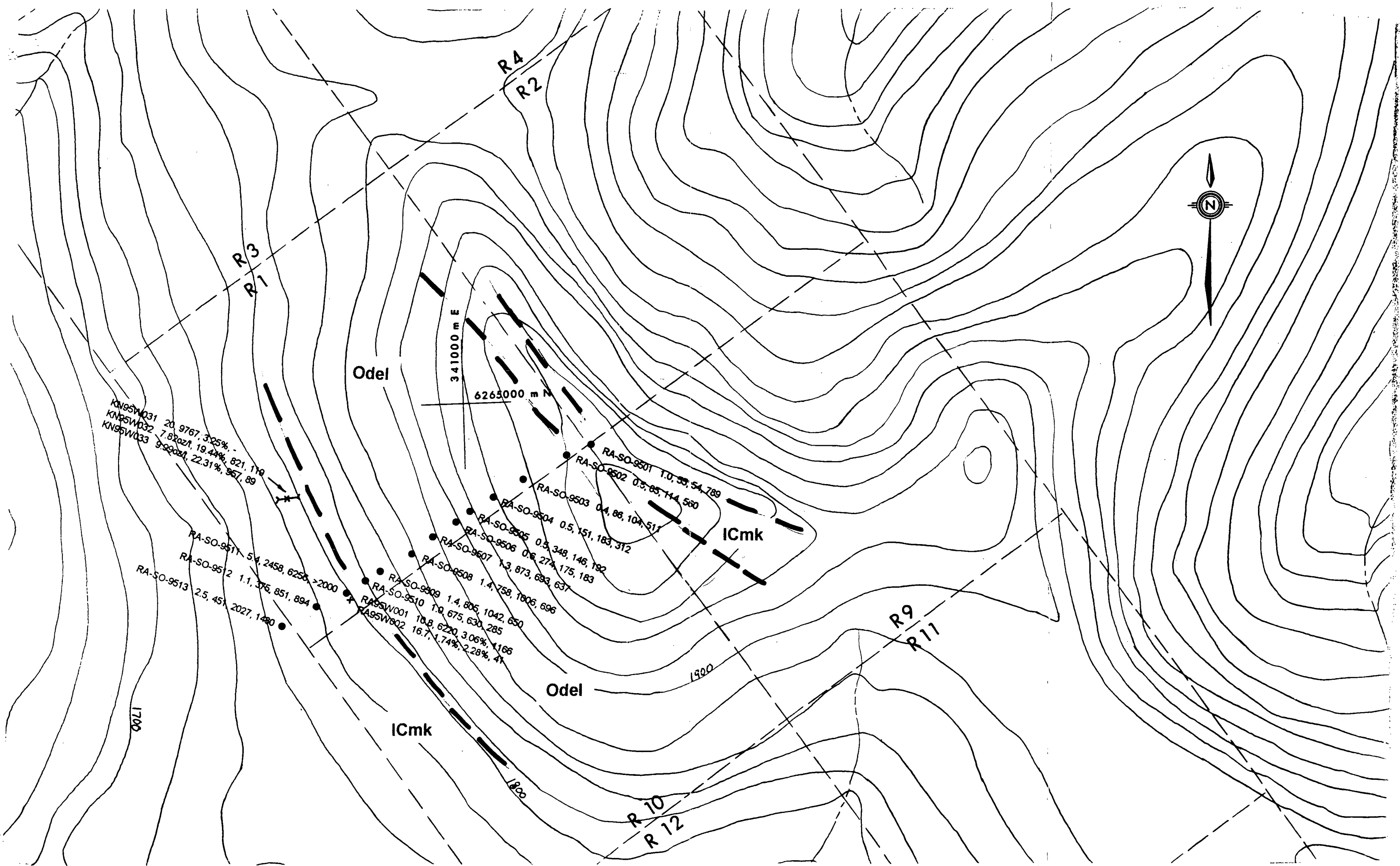


Figure 6. Geology and Geochemistry, Rain Grid. Scale 1:50,000. Odel = Echo Lake Group; ICmk = Mt Kison Formation

## 4.0 ROCK SAMPLING

### 4.1 GENERAL COMMENTS

Analyses were done at Bondar-Clegg Laboratories in Vancouver. Results are included as Appendix 2 and shown on Figures 3, 5 and 6.

The analytical procedure was as follows. Samples were crushed, split and pulverized. A portion of the -150 mesh size fraction was subjected to an aqua regia digest and this solution was analyzed for Ag, Pb, Zn and Ba by the inductively coupled plasma (ICP) method. Samples which returned values greater than the limits of 50 ppm Ag, 10,000 ppm Pb, 20,000 ppm Zn and 2,000 ppm Ba were reanalyzed following new digestions. Methods used for this are Atomic Absorption for Ba and Zn, AAS low level assay or titrimetric assay for Pb and fire assay/gravimetric finish for Ag.

### 4.2 SWAN GRID AREA

Forty-one rock samples were collected from the Swan grid area. The best of these is described below.

#### 4.2.1 Swan 93 Trench and Adjacent Areas

An old trench referred to in the Cominco (1993) report as Swan 93 was cleaned out and lengthened and channel sampled. Four samples were taken; from south to north these are: SW95-W004 (0.5m), then 0.5m of no sample, W005 (2.0m), W006 (2.0m), and W007 (2.0m). Values to 0.41%Pb, 15.26% Zn and 52 ppm Ag over 2.0 metres were obtained from this sampling.

Sample W025 gave 5.7% Zn over 0.7 m from a small outcrop(?) 20 metres east of the Swan 93 trench. Sample W041, from a 1 m float or outcrop 100 to 150 m WSW of the Swan 93 trench and near soil sample SW-SO-9550 gave 27.1 ppm Ag, >10,000 ppm Pb, 6.8% Zn.

#### 4.2.2 Main Showing and Adjacent Areas

Grab sample SW95-W038 from the large trench at the Swan Main showing gave 15.7 ppm Ag, >10,000 ppm Pb and 4,394 ppm Zn.

#### 4.2.3 Swan East Area

The best sample obtained from the Swan East anomaly area was W034, a grab sample of oxidized talus at the base of the slope and near old line 0W (see Figure 3). This gave 15.1 ppm Ag, 3015 ppm Pb, and 3.0% Zn. Samples W017 to W019, collected from well up the slope on line 8W and close to the presumed bedrock source of the mineralized talus as well as the soil anomaly, also gave highly anomalous metal values including 7527 ppm Zn.

#### 4.2.4 Swan North

Two samples of float or "detached bedrock" from old trenches in overburden at what has been referred to as the Swan North showing gave highly anomalous results. Sample SW95-W001 yielded 9.2 ppm Ag, 4837 ppm Pb and 3.6% Zn. Sample W020 from the most westerly trench gave 1.2 ppm Ag, 225 ppm Pb and 13,798 ppm Zn.

#### 4.3 KNOLL PROSPECT AREA

Thirty-five rock samples were collected from this area, including nine from two trenches at the Crag showing and four from the Burn occurrence.

##### 4.3.1 Main Knoll Area

The only significant sample from the area of the Knoll was KN95-W002. This piece of float from the bottom of the slope below the Knoll showing gave 8.8 ppm Ag, 2986 ppm Pb and 2.89% Zn. This was a re-sampling of an occurrence that Cominco work had erroneously identified as outcrop.

##### 4.3.2 Crag and Burn Areas

Two trenches were chip sampled at the Crag prospect. From north to south the sample locations are as follows:

<u>Trench 1</u>	<u>Trench 2 (approx. 50 NE of Tr. 1)</u>
W015 - 1.6m	W017 - 1.8m
W016 - 2.6m	W018 - 1.8m
	W019 - 2.4m
W020 - loose grab sample	3.0 m not sampled
	W021 - 2.0m
	W022 - 3.0m
	W023A,B - Loose grab samples

Samples BU95-W030 to W033 were collected near the reported location of the Burn occurrence. The first three are of dark grey Big Creek argillite exposed as a steep hillside. The best of these gave 2.6 ppm Ag, 88 ppm Pb, 220 ppm Zn, and 1940 ppm Ba. The fourth sample was a cobble of barite breccia from the creek.

#### 4.4 RAIN PROSPECT AREA

Five rock samples were collected from the Rain prospect. Samples KN95-W031 to W033 are grab samples from an old blasted trench north of the soil traverse carried out in this report. These samples gave high values to 9.99 oz/t Ag, 22.31% Pb, and 957 ppm Zn. Grab samples RA95-W001, W002 were of float found adjacent to the soil traverse line.

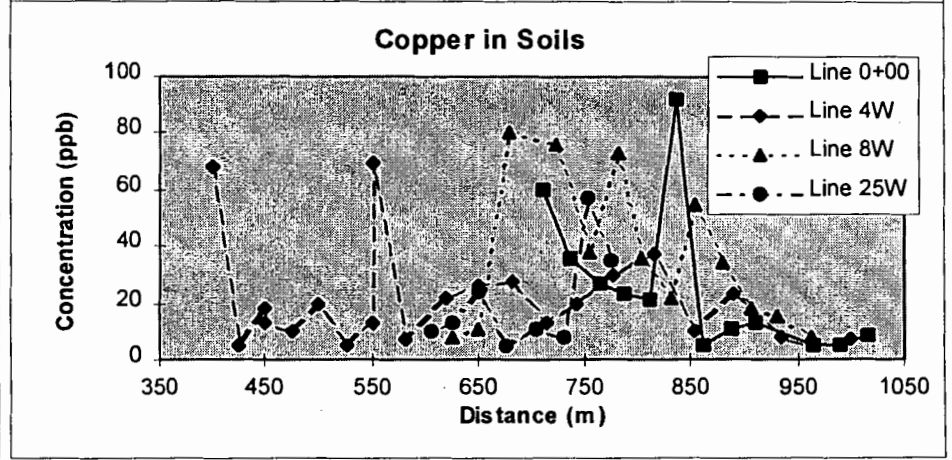
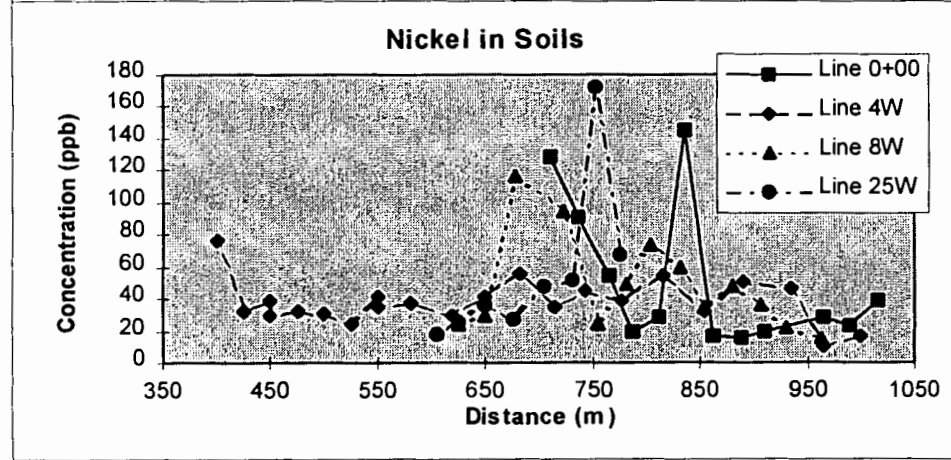
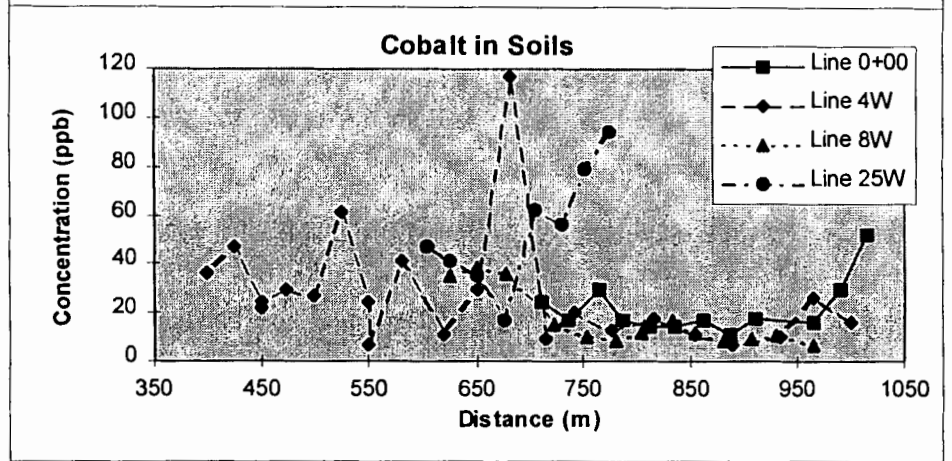
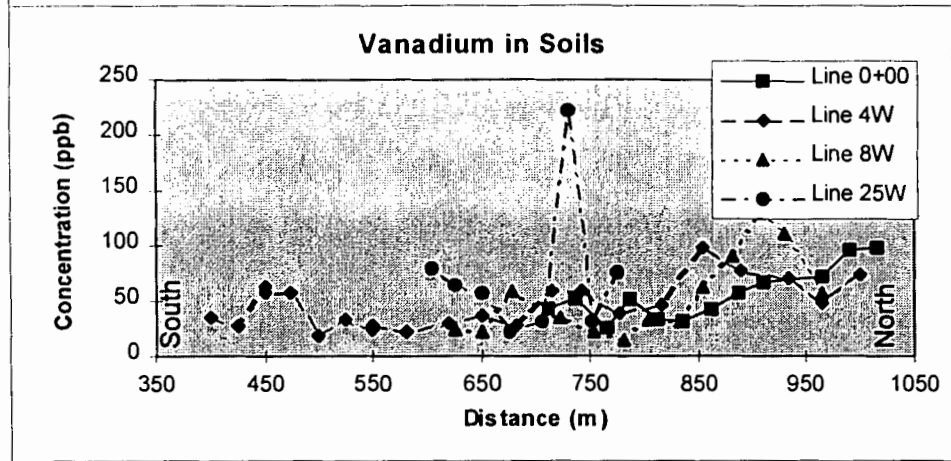
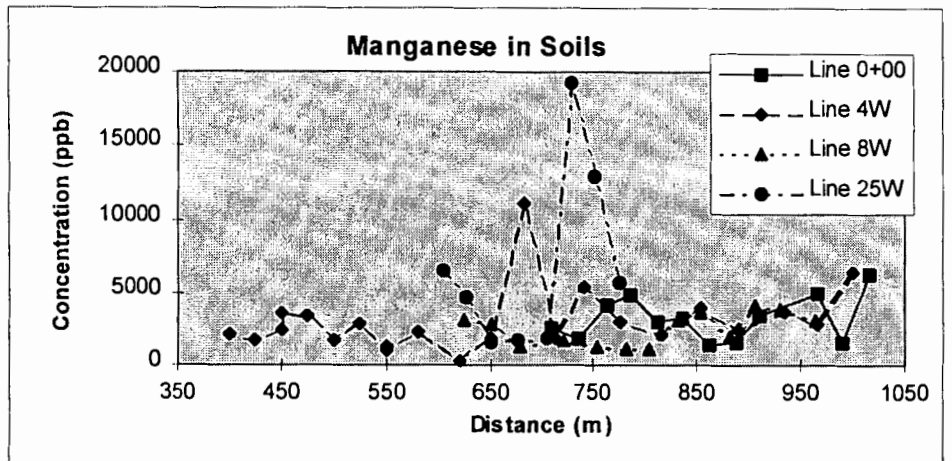
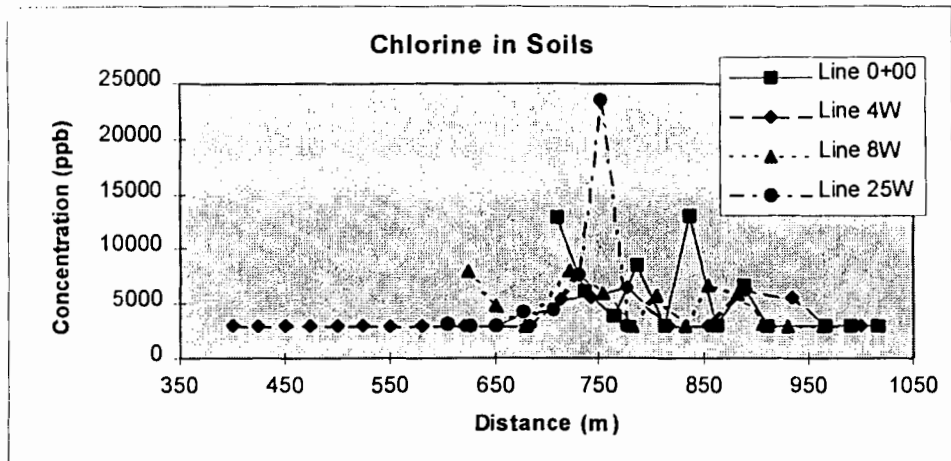


Figure 7a Enzyme Leach determined Cl, Mn, V, Co Ni and Cu in soil samples collected from the Swan Grid on the Swan Property. Overlapping profiles for Lines 0+00, 4W, 8W and 25W with south on the left and north on the right hand side of each profile.



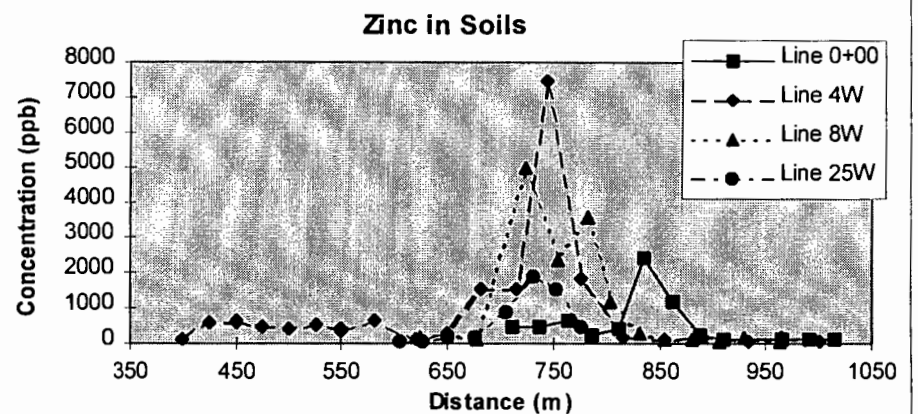
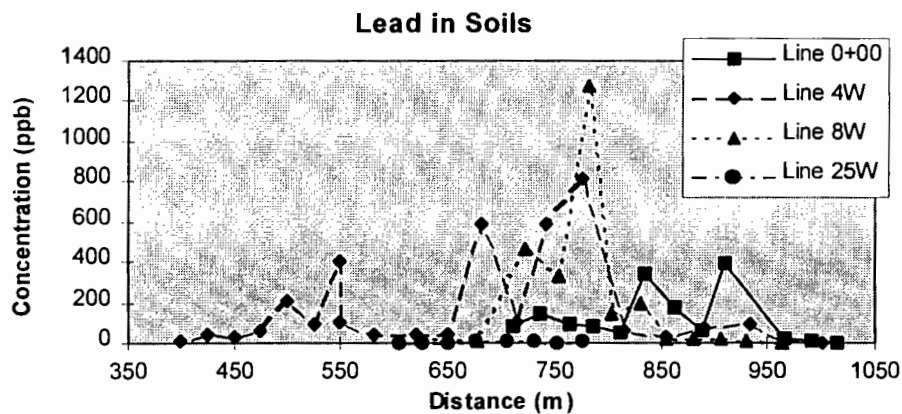
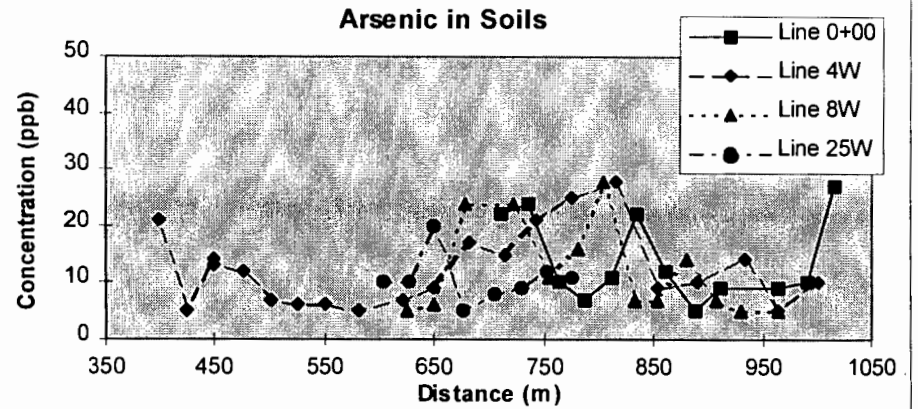
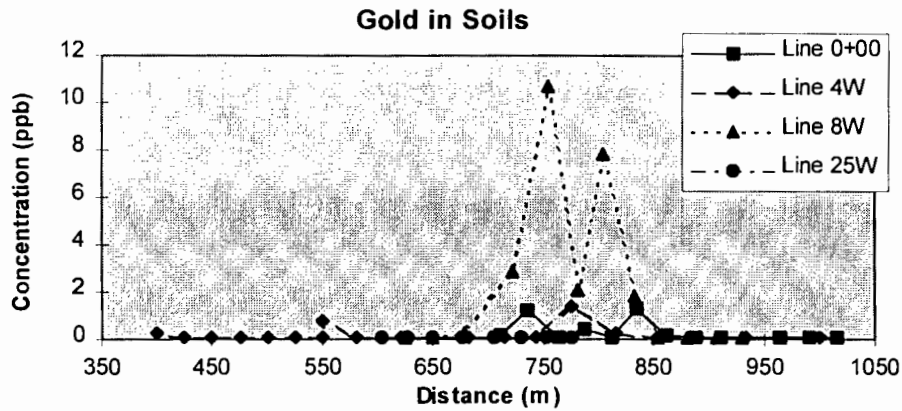
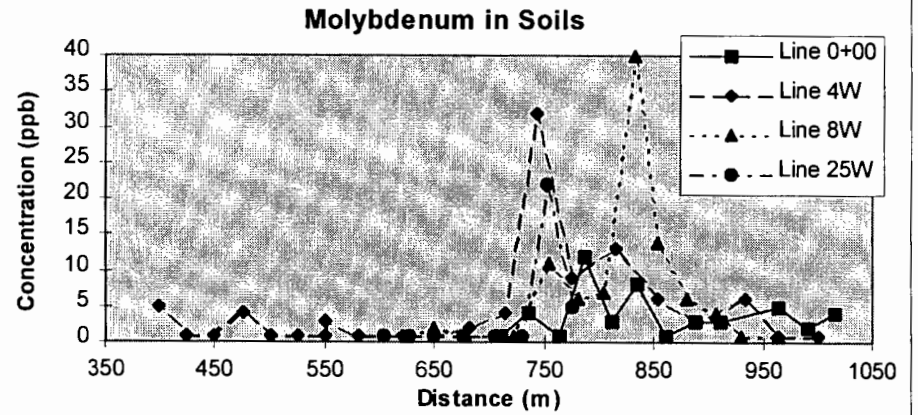
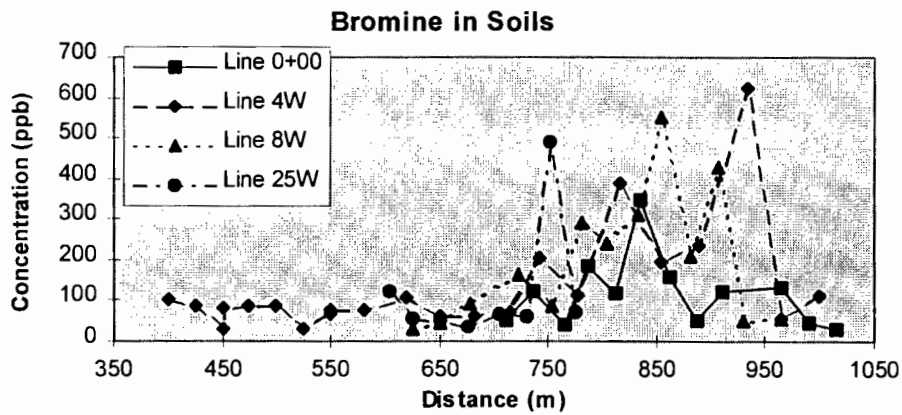


Figure 7b Enzyme Leach determined Br, Mo, Au, As, Pb and Zn in soil samples collected from the Swan Grid on the Swan Property. Overlapping profiles for Lines 0+00, 4W, 8W and 25W with south on the left and north on the right hand side of each profile.

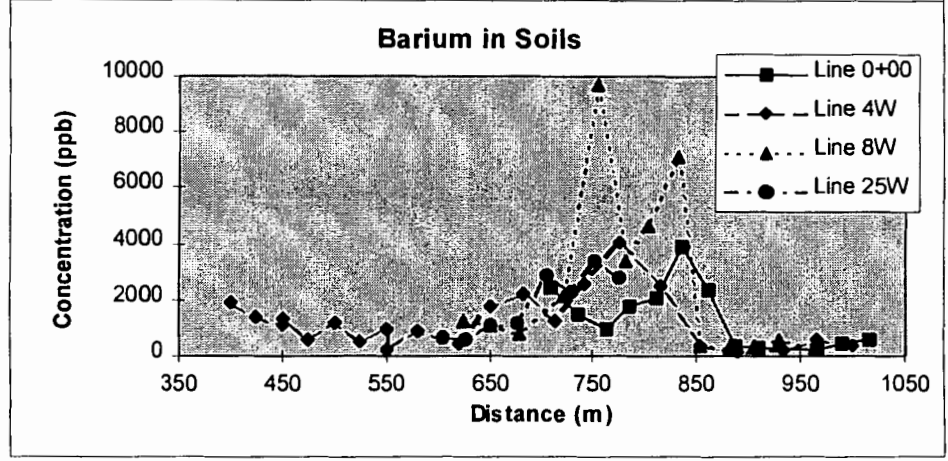
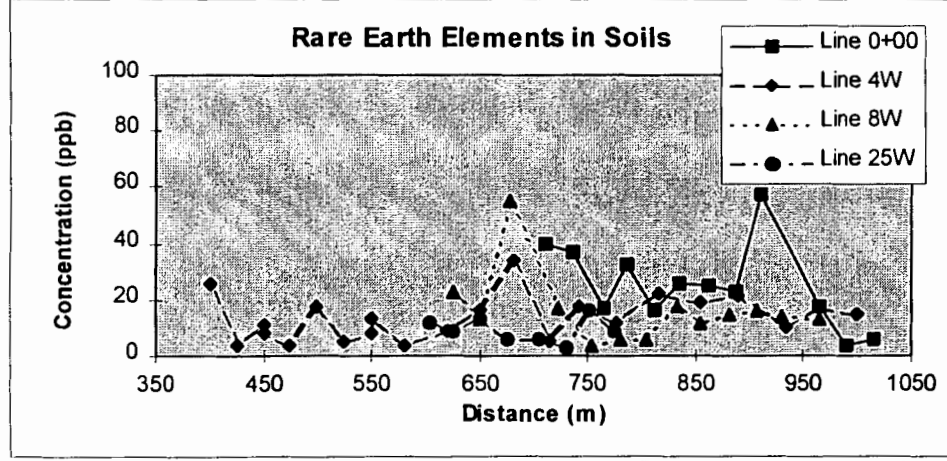
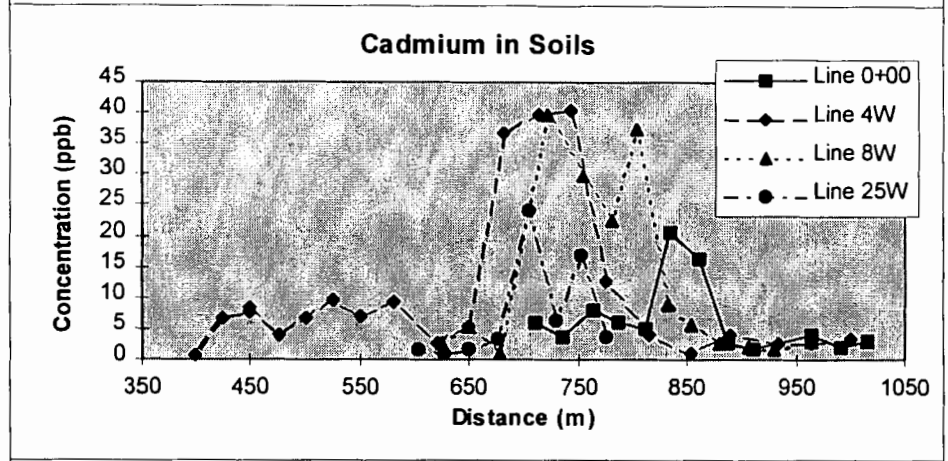
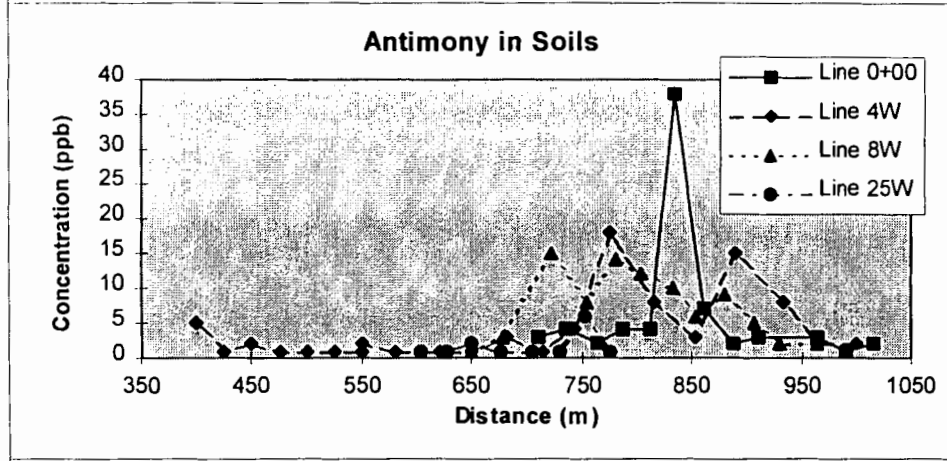
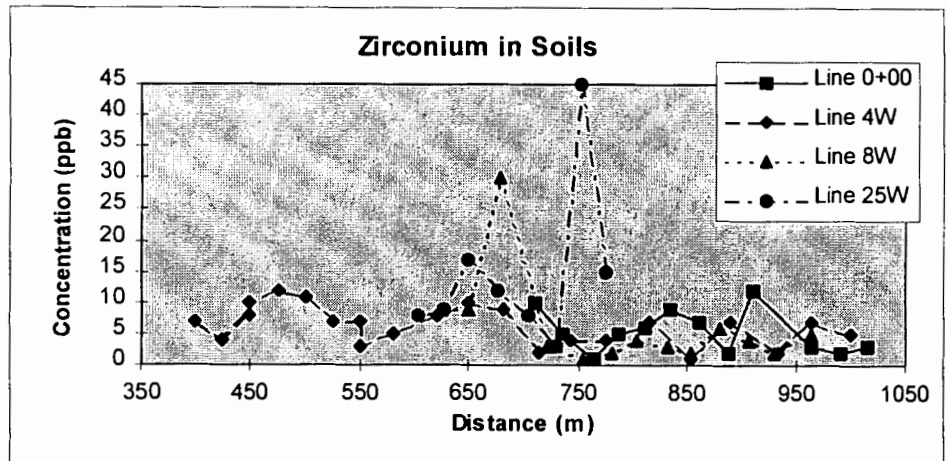
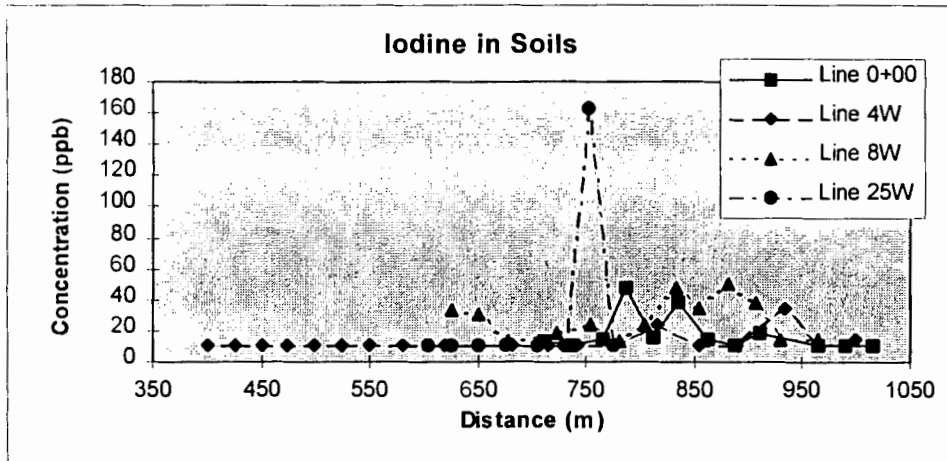


Figure 7c Enzyme Leach determined I, Zr, Sb, Cd, REEs (La+Nd+Pr) and Ba in soil samples collected from the Swan Grid on the Swan Property. Overlapping profiles for Lines 0+00, 4W, 8W and 25W with south on the left and north on the right hand side of each profile.

## 5.0 SOIL GEOCHEMICAL SURVEYS

### 5.1 SAMPLING METHOD AND ANALYTICAL PROCEDURE

On many sampling traverses, two soil samples were taken at each sample site - one to be analyzed by the conventional soil geochemical procedure at Bondar-Clegg and one to be analyzed by the enzyme leach procedure at Activation Laboratories at Ancaster, Ontario.

All samples were taken from a depth of about 30 cm in holes dug by grub hoe. Most samples are of B horizon soil but at some sites where the soil is poorly developed, the material is relatively fresh talus or other rock debris. Samples are described in Appendix 4.

#### 5.1.1 Conventional Soil Geochemistry

Analyses were done at Bondar-Clegg Laboratories in Vancouver. The analytical procedure was as follows. Samples were dried and sieved to -80 mesh. A portion of this size fraction was subjected to an aqua regia digest and this solution was analyzed for Ag, Pb, Zn and Ba by the inductively coupled plasma (ICP) method. Results are included as Appendix 2 and shown on accompanying figures. Because many samples were taken over known mineralized areas, several different areas were sampled, and sample populations are small, no statistical treatment was applied to the results. However, the terms "weakly anomalous", "anomalous", and "strongly anomalous" - all determined arbitrarily - are used when describing and interpreting the geochemical results.

#### 5.1.2 Enzyme Leach Soil Geochemistry

##### Theory

The problem, when trying to perform geochemical exploration in terrains that are covered by transported overburden, is that the overburden is usually exotic to the bedrock that it covers. Thus, conventional chemical analyses reveal the composition of the overburden and not of the underlying bedrock. For this reason, the enzyme leach technique was developed to yield clues to the bedrock chemistry.

The theory behind the technique is that trace elements released by oxidation of sulphide mineral deposits in the bedrock migrate up through overburden by groundwater flow, capillary action, or diffusion of volatile compounds. Since the amount of these bedrock-related trace elements is a very small component of the total concentration of these elements in the overburden, a method must be devised to determine the amount of a trace element that has been added to the transported overburden. One of the most effective traps for trace elements migrating through overburden is amorphous manganese dioxide, which is usually a very small component of the total manganese oxide phases in the coatings of the soil sample. The sample medium most commonly analyzed with this method is B-horizon soil.

##### Procedure

B-horizon soils are collected and dried at temperatures not exceeding 40C and sieved at -60

mesh. A minimum of 2 grams, and preferably 10-20 grams of sieved material is required. The samples are then subjected to a partial leach in which an enzyme reaction preferentially leaches manganese oxide coatings on mineral grains. Analyses of the leach solution are made by inductively coupled plasma/mass spectrometry (ICP/MS). Further details on this process can be obtained from Activation Laboratories Ltd. in Ancaster, Ontario.

The procedure analyzes a suite of 62 elements (see Appendix 3). Because of the difficulty in presenting this large number of elements on the surface plan, only the sample number is shown. The data are presented pictorially as a series of stacked profiles for those elements which show significant variations.

## 5.2 RESULTS FROM SWAN GRID AREA

### 5.2.1 Swan East Anomaly

Soil sampling was done on four traverse lines - three crossing the Swan East soil anomaly (SW-WO-9501 to 46) as indicated by previous work and one at right angles to the line joining the Main showing and Swan 93 trench (SW-SO-9547 to 54).

The three traverses across the Swan East anomaly were in part along old grid lines 0, 4W and 8W cut by Serem in 1973. All of these samples were analyzed by both conventional and enzyme leach methods.

The conventional soil geochemical results (Figure 3) confirm the approximate location and magnitude of the soil anomaly as determined by previous studies, with values to 4742 ppm Pb, 9438 ppm Zn and 5.3 ppm Ag. On all three lines the strongest portion of the anomalies is 75 to 150 metres wide, although the anomalies are "smeared" downslope for a considerable distance and to a lesser extent upslope. The bedrock source of the anomaly appears to be high on the slope, with the upper boundary of the anomaly located at the base of the "silica-dolomite" rock of the Echo Lake Formation. Note that on line 4W, Zn and Pb continue to be weakly anomalous south of the old baseline. The wide dispersal of Pb and Zn is believed to be due to a combination of factors: anomalous values in talus over a considerable distance downslope of the subcropping mineralization; glacial dispersion, which may explain the anomalous values above the presumed bedrock source; and hydromorphic dispersion.

The enzyme leach analyses were carried out to locate the bedrock source of the anomaly and to provide information as to the shape, size and orientation of the source.

On the three figures (7a to 7c), note that the distance shown along the bottom of the drawings is an arbitrary unit - 550 metres is the old Serem baseline and the sample spacing is approximately 25 metres.

The interpretation of the anomalies is taken largely from a report by R. Clark (1996) and is as follows. Clark states "the suite of anomalous elements suggests that oxidizing sulfides are present in the bedrock. The 'central low' in Cl between [approximately 150 and 325 metres north of the old baseline] on line 4W suggests that the mineralized body in the subsurface may be centred in that area. This central low is not as clear with some of the other anomalous

oxidation suite elements (Br, I, Mo, As and Sb). Generally, the Zn, Cd and Pb levels here are extremely high and there appears to be a set of apical anomalies for these elements between [100 and 400 metres north of the baseline]. Apical anomalies generally form almost directly above their source." Note that these apical anomalies for Cd, Pb and Zn correspond with the Pb, Zn and Ag anomalies determined by conventional analysis. This supports our interpretation that the bedrock source is in this area. The data may also support a conclusion that the bedrock source has a significant width.

#### 5.2.2 Traverse Between Main Showing and Swan 93 Trench

This traverse along old line 24W (shown on the figures as 25W) returned weakly anomalous Zn values of 94 to 416 ppm Zn with low Pb and Ag from the conventional analyses.

The enzyme leach analyses from the four most westerly samples analyzed (SW-SO-9547, 48, 49, 51) showed more highly anomalous Zn values than did the conventional analyses. This accompanies generally higher values in Mn, Co, Ni, Cd and Ba. This anomalous area in the northern part of the traverse corresponds in part to high Pb, Zn and Ag values in possible outcrop. This may constitute a new mineralized area which lies between the Main trench and the Swan 93 trench. It should be noted that this is generally within the limits of Serem Pb and Zn anomalies of moderate strength as shown in the compiled data in Figure 4. Also of possible significance is a fault suggested by Clark in the approximate area of the creek.

Perhaps the most significant idea here is that quite anomalous Ba and Zn values are obtained from enzyme leach analyses in the northern half of the line but the same area yielded only weakly anomalous Zn from the conventional analyses. This suggests that the soil anomaly is caused by an anomaly in the bedrock which occurs between samples 9547 and 9550 and encompasses the area in which rock sample SW95-W041 returned highly anomalous Ag, Pb and Zn from outcrop.

### 5.3 RESULTS FROM KNOLL PROSPECT AREA

#### *Results of Conventional Analyses*

Only twenty-three conventional analyses were done on soil samples from the Knoll Prospect area. These samples were taken from the northwest traverse (KN-SO-9537 to 47) and the southwest traverse on the knoll only (KN-SO-9525 to 36). Sample results are shown on Figure 5 and in Appendix 2.

Sample 9546, near the lower end of the northwest traverse, was anomalous in all elements: 3.4 ppm Ag, 939 ppm Pb, 2006 ppm Zn and 834 ppm Ba. This sample lies within the anomalous boundary of the Serem geochemical survey at elevation 1520 metres and is at approximately the same location as several anomalous samples collected by Cominco, which obtained values to 3585 ppm Pb, 4965 ppm Zn and 12.3 ppm Ag. The three samples spanning the 60 metre interval immediately above sample 9546 also have weakly anomalous levels of Ag, Pb, and Zn, suggesting a possible bedrock source of mineralization at the approximate location of sample 9543, that is, at the 1580 metre elevation. It should be noted, however, that several samples above this elevation have detectable Ag levels to 0.5 ppm.

No highly anomalous metal values were indicated by the southwest traverse. Only two samples - in the upper part of the traverse - have detectable Ag levels. Several samples, however, had weakly anomalous levels of Pb and Zn. These include one sample (9526) near the top of the knoll and a sequence (9530 to 9534) in the lower part of the traverse which returned up to 153 ppm Pb and 661 ppm Zn. These occur at elevation 1500 to 1580 metres, roughly the same elevation as for the interval of anomalous and weakly anomalous samples on the north side of the knoll. Since different rock units are exposed on the two sides of the knoll sampled by these traverses, this suggests a partial control on soil geochemistry other than, or in addition to, bedrock and its contained mineralization.

### Enzyme Leach Results

For Zn, for all traverses, there are anomalies in the lower third of the traverses, roughly at the 1500 to 1600 metre elevation (Figures 8a to 8c). This relationship to elevation warrants further consideration.

On the west traverse (samples KN-SO-9501 to 9514), which runs along the spine of the hill, the western (lowest) end of the traverse - samples 9501 to 3 - has the highest Pb values. These were taken from an elevation of roughly 1535 to 1575 metres. There is also a weaker Pb anomaly at sample KN-SO-9507 which is part way up the spine of the ridge in the area of karsted carbonates. Samples 9502 and 9507 are also the sites of the strongest Zn anomalies for this traverse. Samples 9501 and 9502 yielded the only significant Ba anomalies from the Knoll prospect. These samples, which are south of the Knoll showing and slightly lower than it, may be reflecting the possible southerly extension of the showing.

On the north traverse line (samples KN-SO- 9515 to 9523), samples KN-SO-9519 to 21 gave high values in Pb and seem to indicate the centre of the Pb anomaly. These samples were taken between 1540 and 1580 metres elevation. There are also several samples with high Zn values - these span the interval between samples 9517 and 9523, a somewhat broader range than for the Pb. Samples 9522 and 9523 are also anomalous in Cd. Anomalous gold occurs in samples 9520 to 9523. The latter sample also has high As values. Conventional analyses were not done for this traverse.

On the southwest traverse, there is a weak Pb anomaly at sample 9532. Presumably an apical anomaly, this falls in the middle of the interval of weakly anomalous conventional analyses. This sample is also the site of the strongest Zn anomaly on this traverse and is anomalous in Cd.

On the northwest traverse, there is a Pb anomaly centred at sample KN-SO-9546 which corresponds with previously obtained data and with the conventional analyses as described above. This is also the centre of the Zn anomaly and has anomalous Cd.

Interesting results were obtained from the long traverse which runs from near the small lake at the base of the Knoll in a southwesterly direction for approximately 1700 metres (Figures 9a to 9d). This traverse crosses the fault(?) contact between the carbonates of the Echo Lake Group, which comprise the Knoll, and the argillite, siltstone, sandstone, and tuff (Gilliland Tuff) of the Big Creek Group. Most of the traverse is within the area presumed to be underlain by argillite, siltstone and tuff.

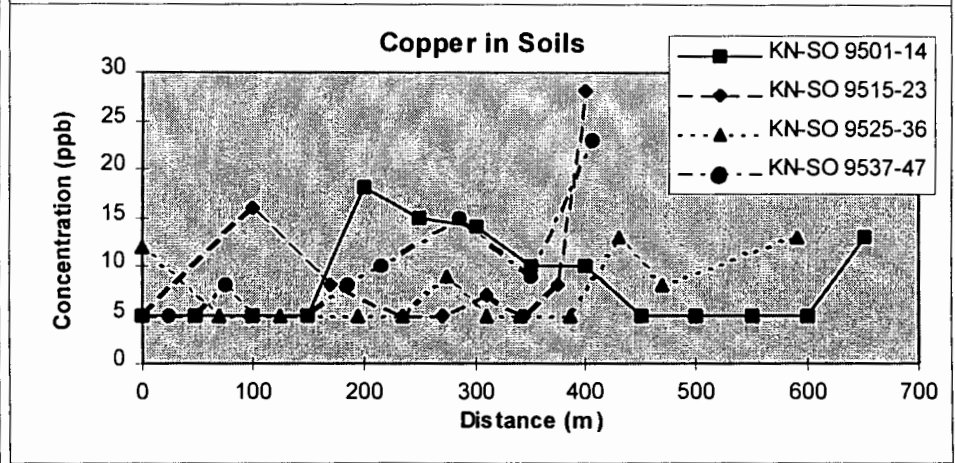
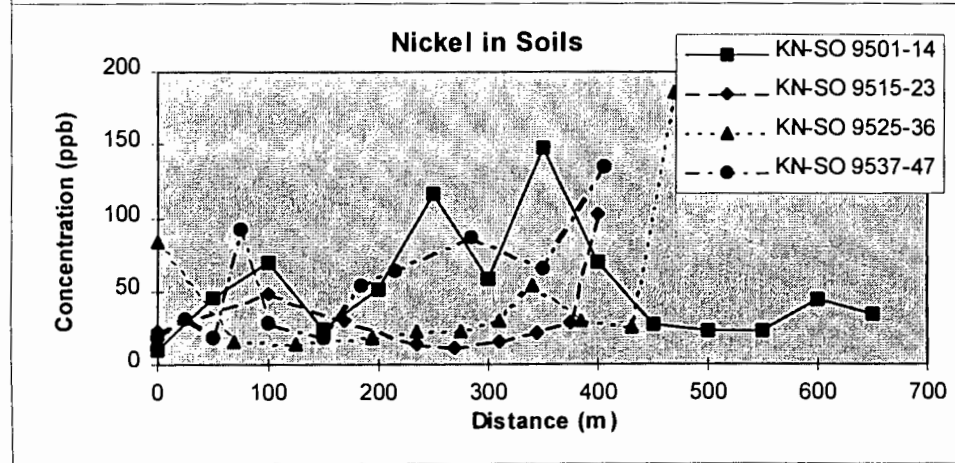
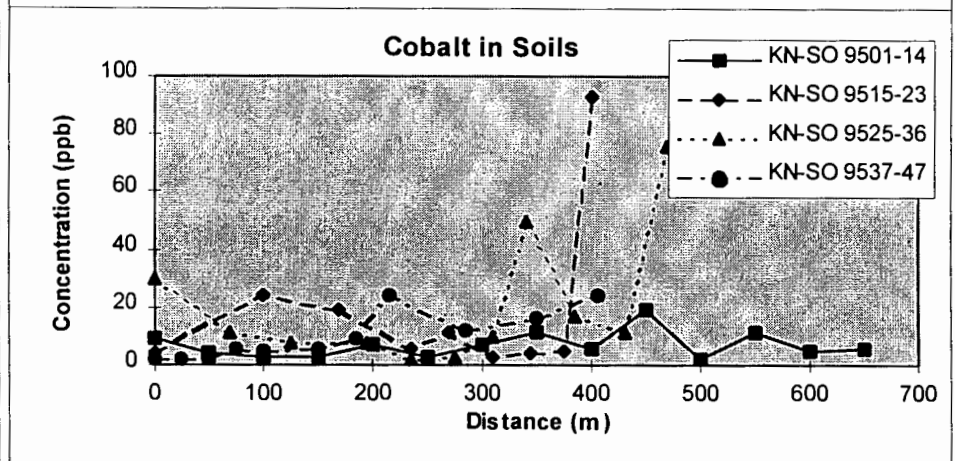
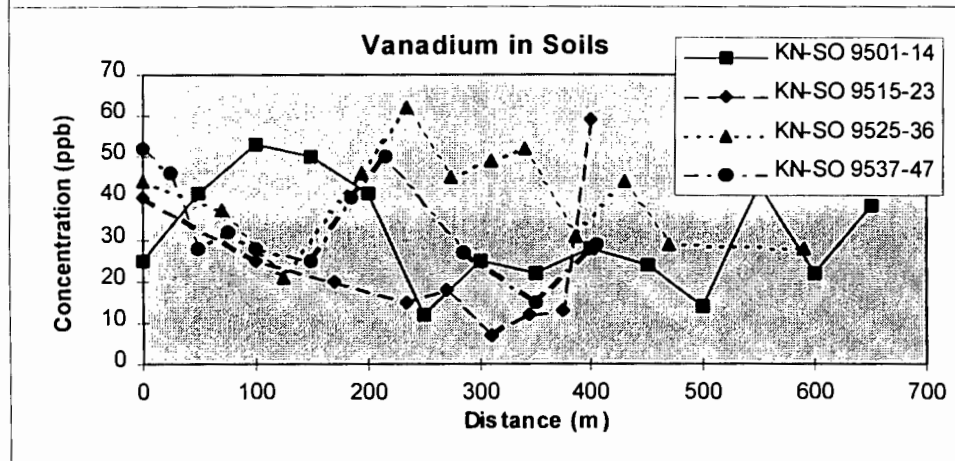
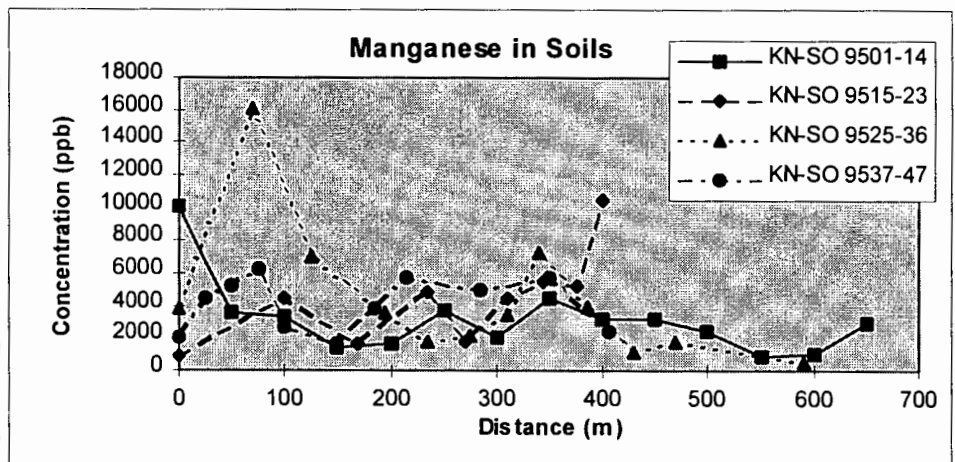
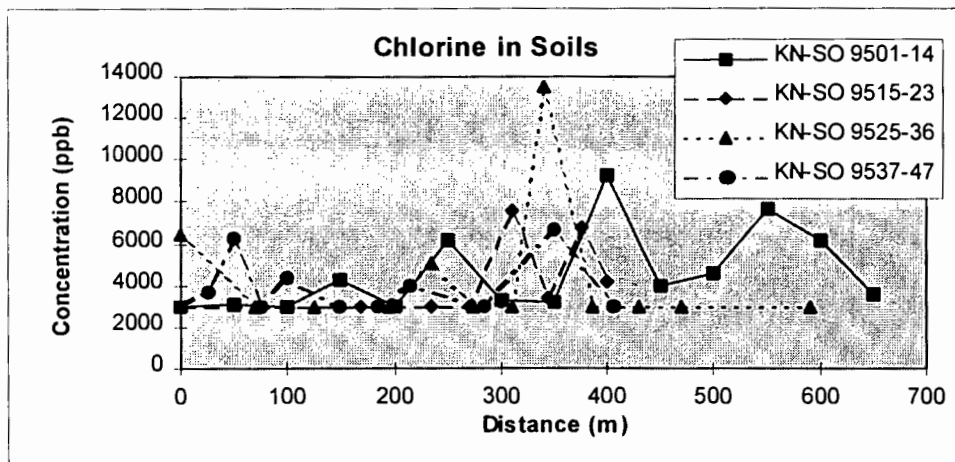


Figure 8a Enzyme Leach determined Cl, Mn, V, Co, Ni and Cu in soil samples collected from the Knoll Prospect on the Swan Property. Overlapping profiles are for four lines radiating from the knoll. Distance 0 marks the top of the knoll.

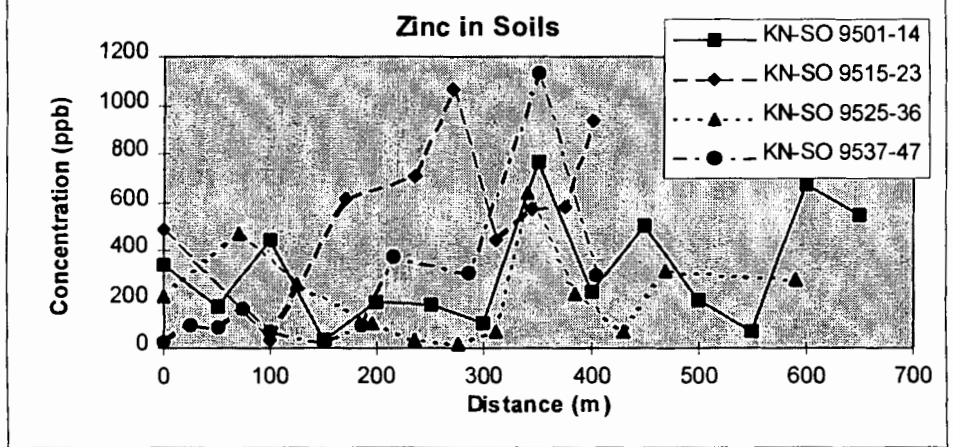
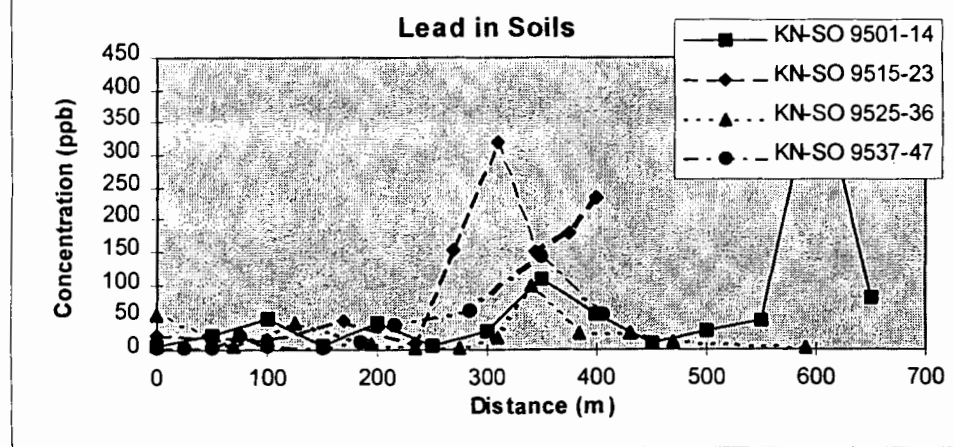
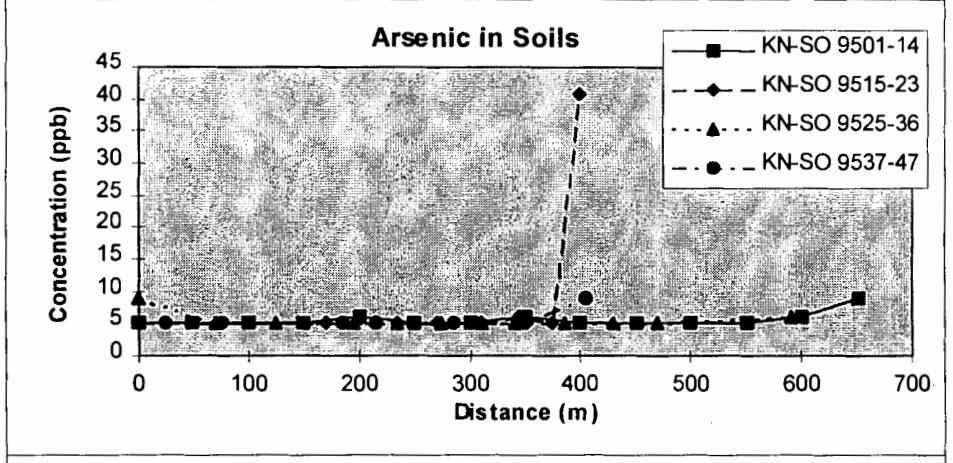
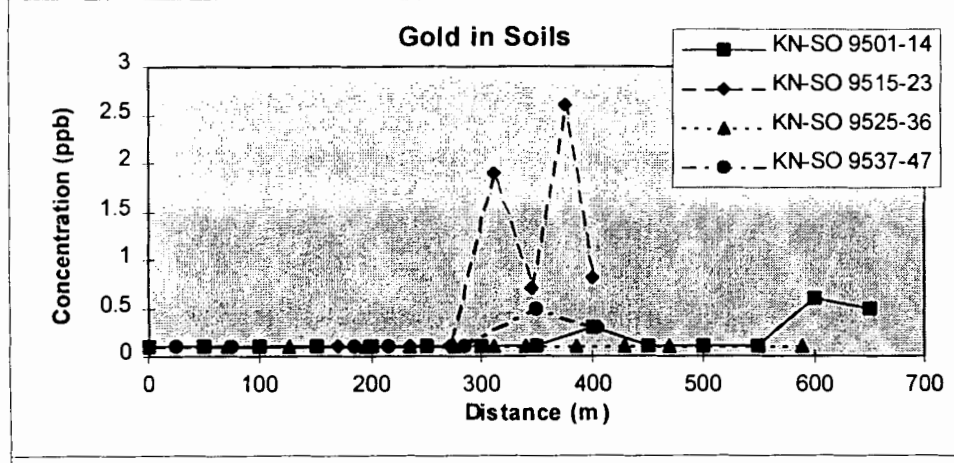
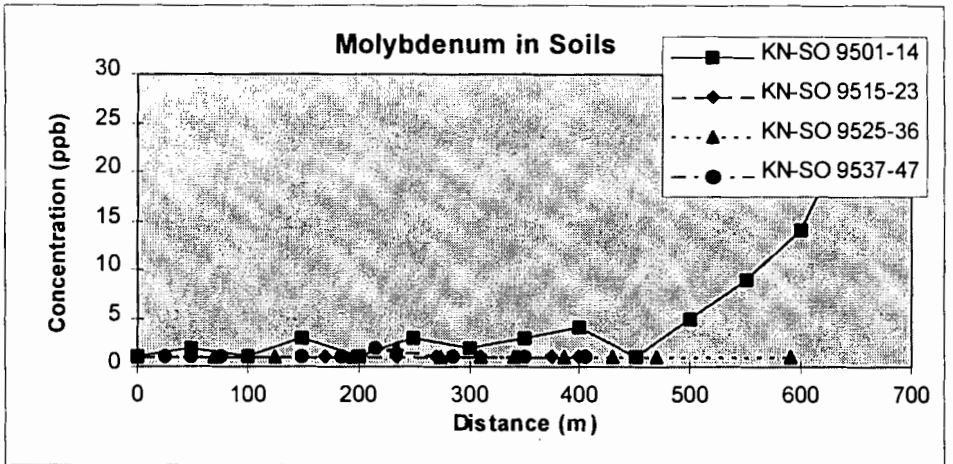
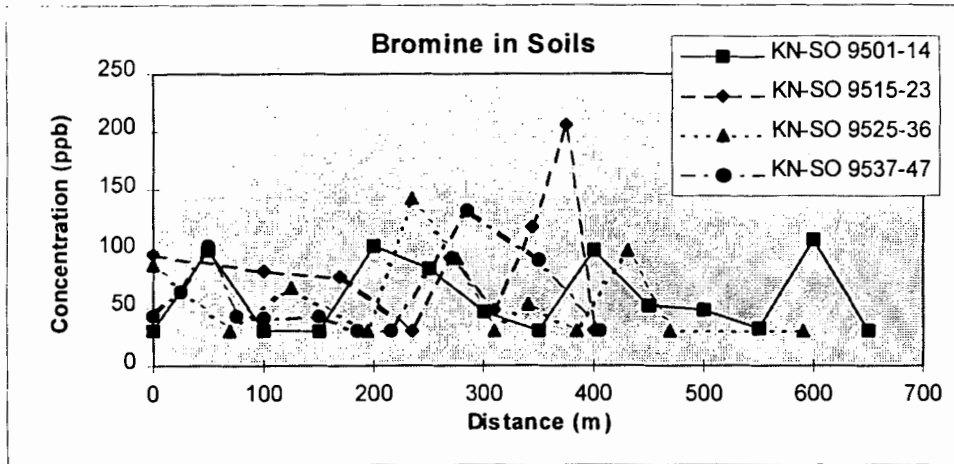


Figure 8b Enzyme Leach determined Br, Mo, Au, As, Pb and Zn in soil samples collected from the Knoll Prospect on the Swan Property. Overlapping profiles are for four lines radiating from the knoll. Distance 0 marks the top of the knoll.



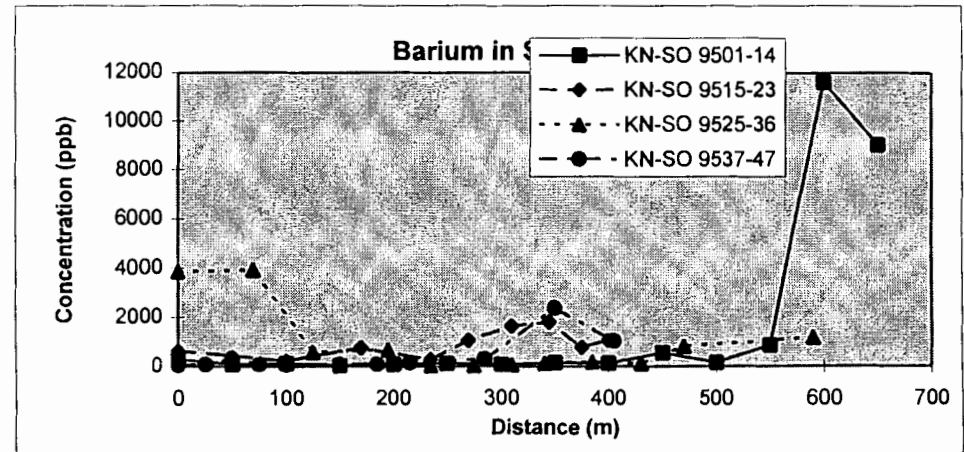
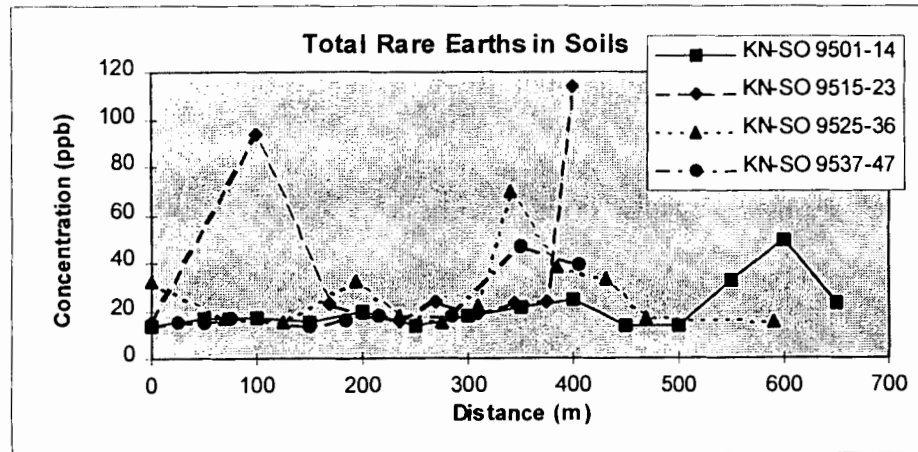
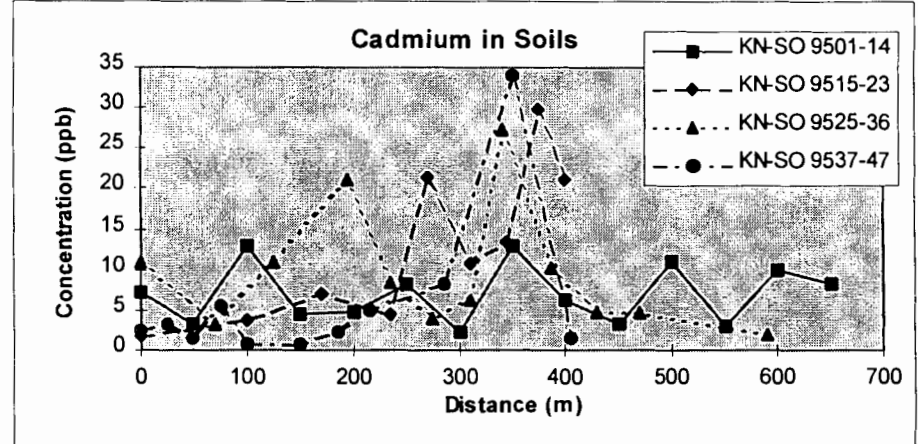
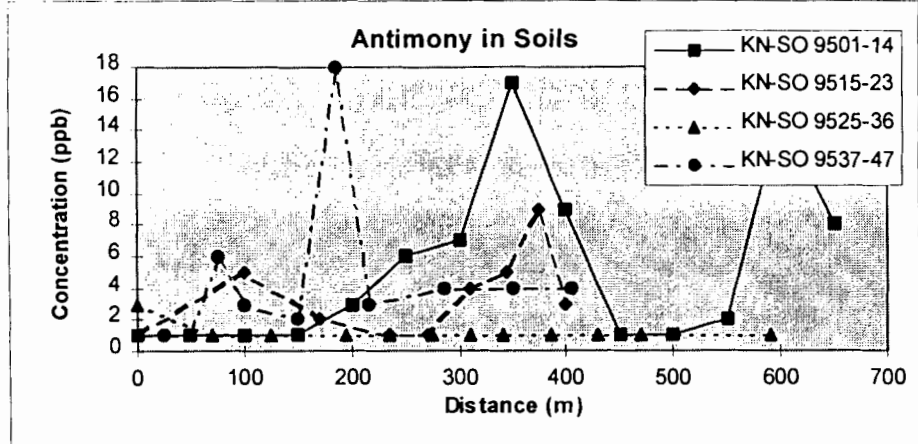
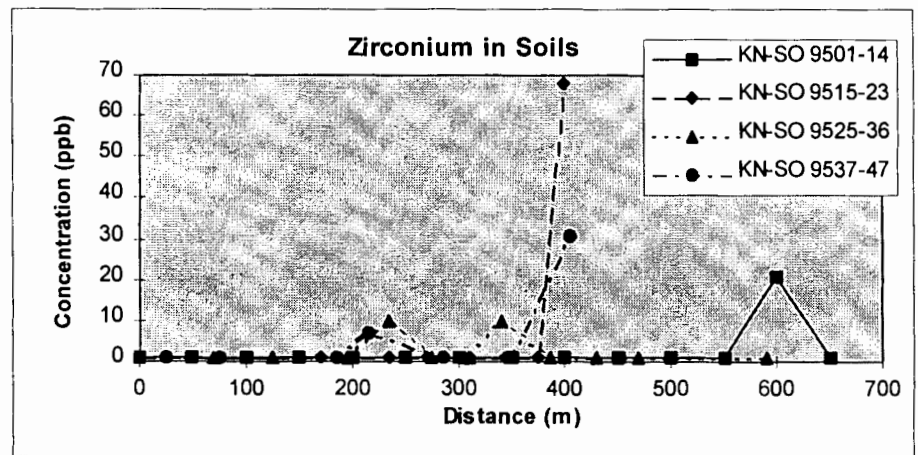
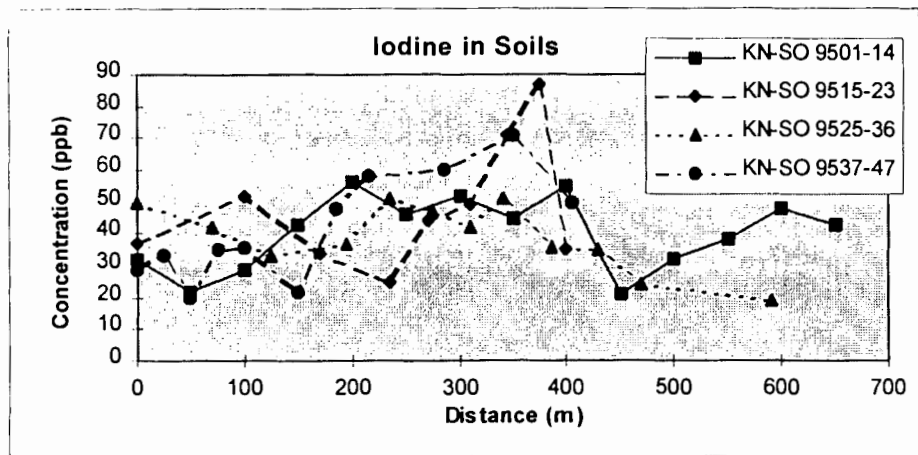


Figure 8c Enzyme Leach determined I, Zr, Sb, Cd, Total Rare Earths and Ba in soil samples collected from the Knoll Prospect on the Swan Property. Overlapping profiles are for four lines radiating from the knoll. Distance 0 marks the top of the knoll.

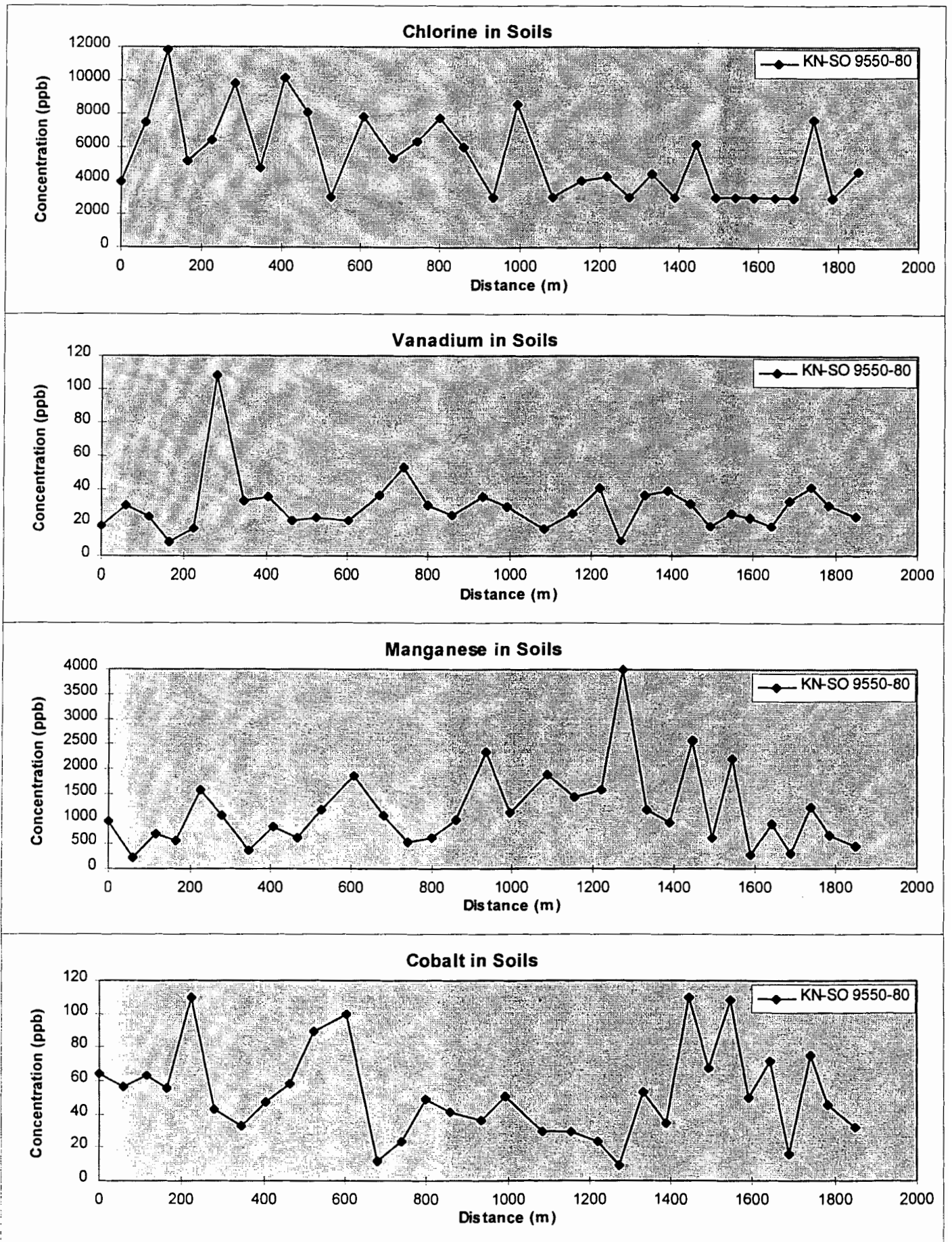


Figure 9a Enzyme Leach determined Cl, V, Mn and Co in soil samples collected from the Knoll Prospect on the Swan Property. Samples are from a long traverse extending southwest from the knoll. Distance 0 marks the northeast end of the traverse.

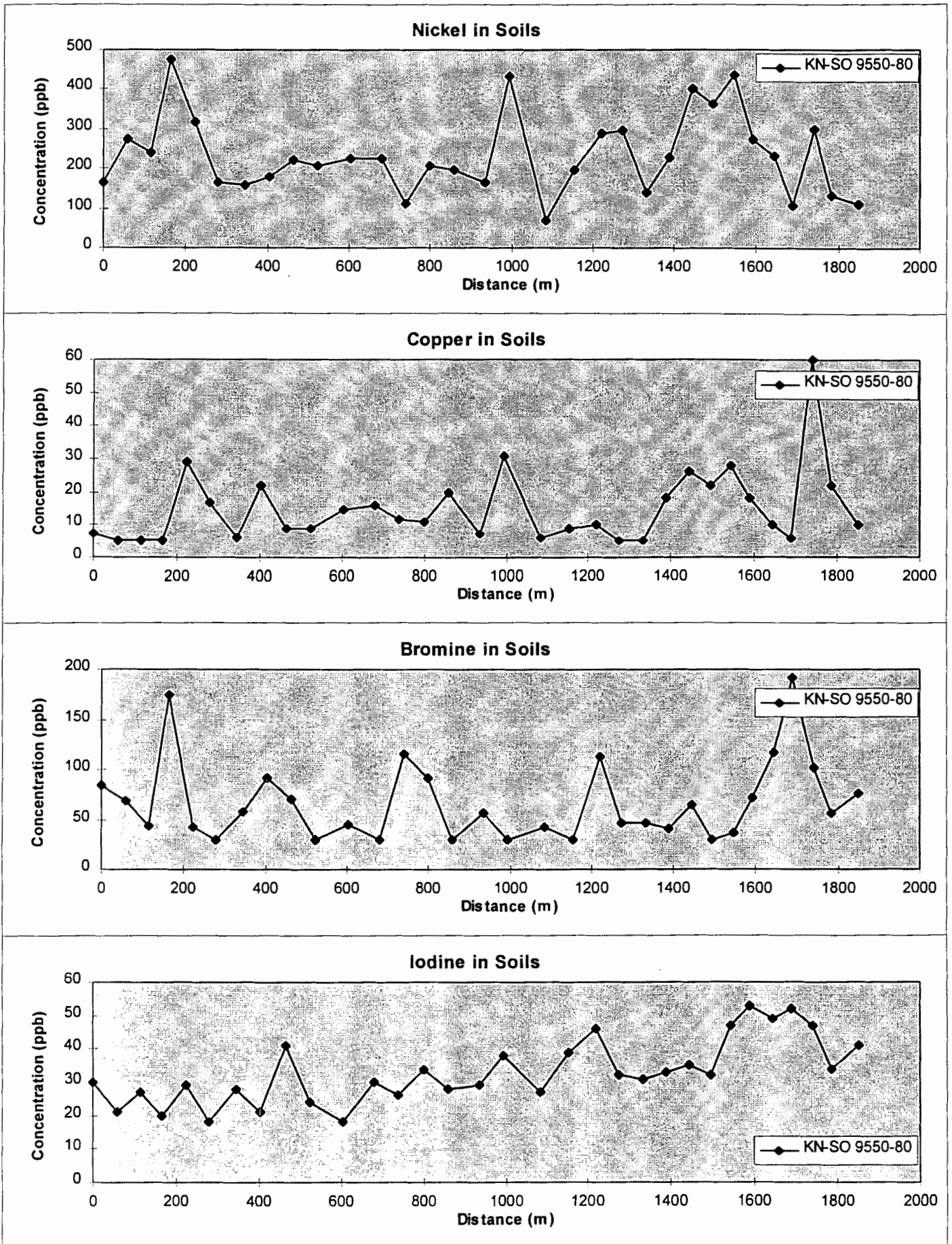


Figure 9b Enzyme Leach determined Ni, Cu, Br and I in soil samples collected from the Knoll Prospect on the Swan Property. Samples are from a long traverse extending southwest from the knoll. Distance 0 marks the northeast end of the traverse.

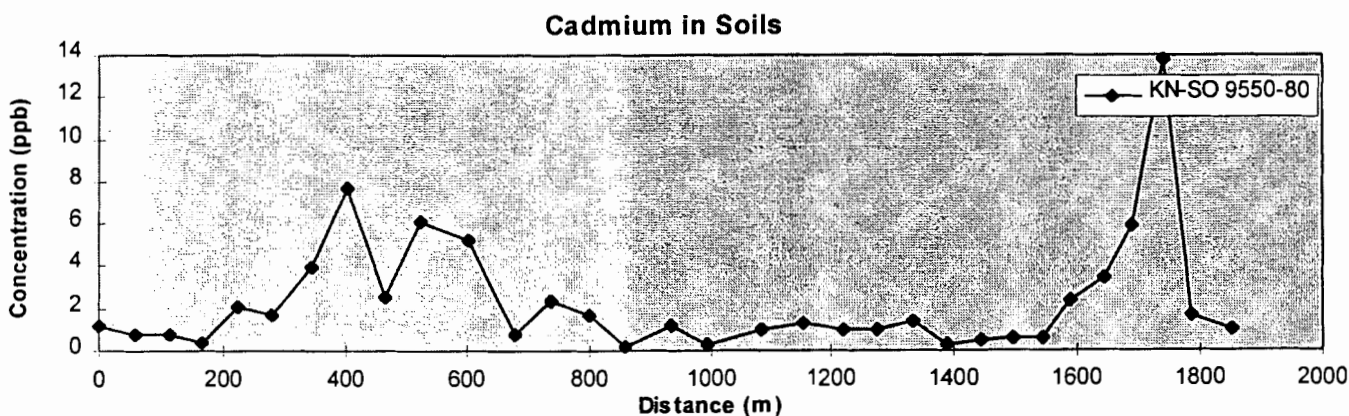
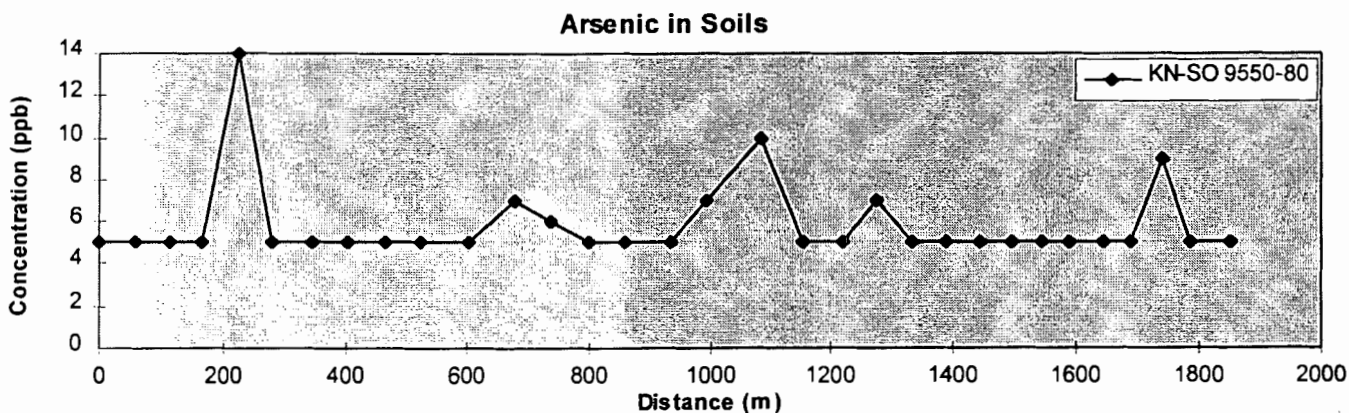
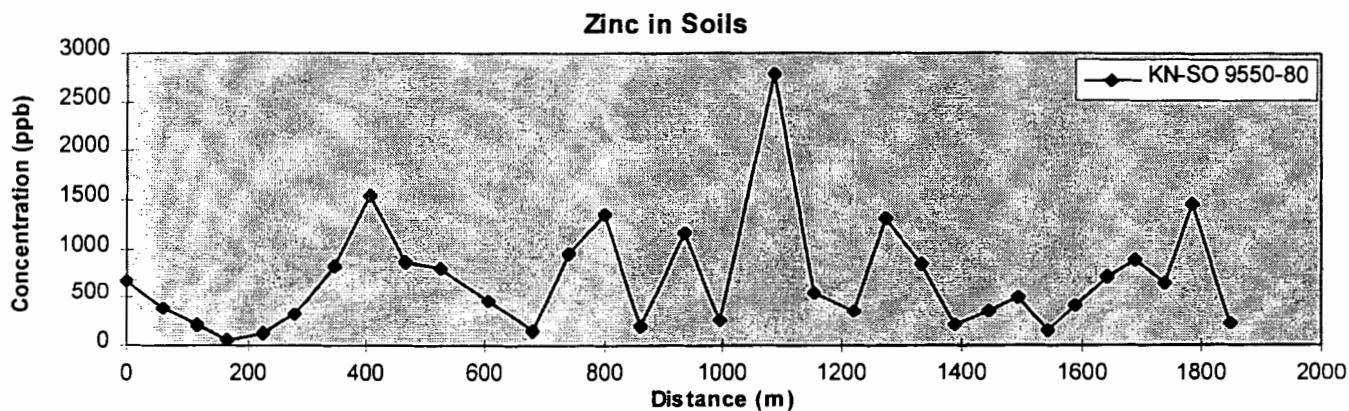
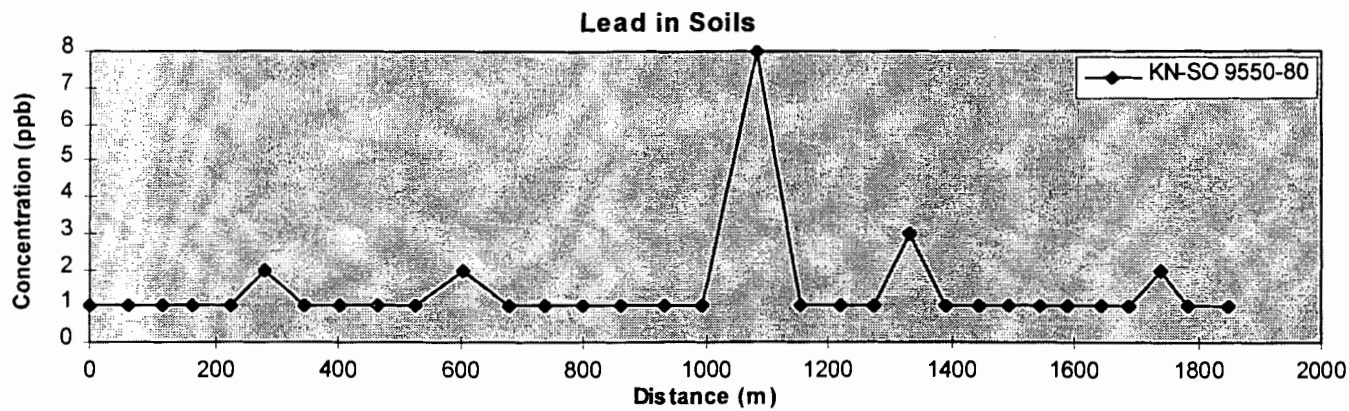


Figure 9c Enzyme Leach determined Pb, Zn, As and Cd in soil samples collected from the Knoll Prospect on the Swan Property. Samples are from a long traverse extending southwest from the knoll. Distance 0 marks the northeast end of the traverse.

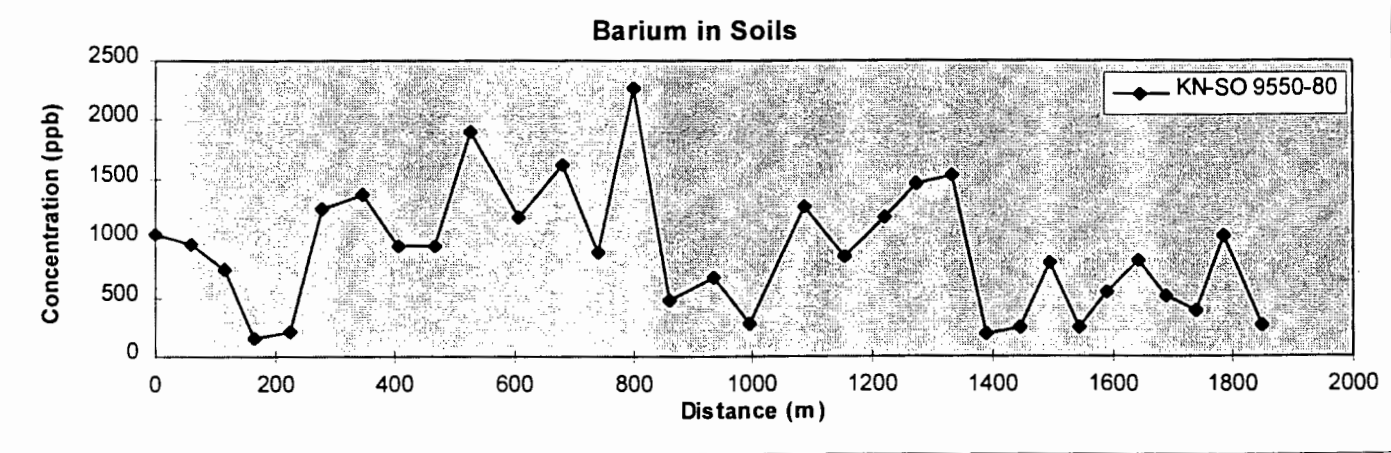
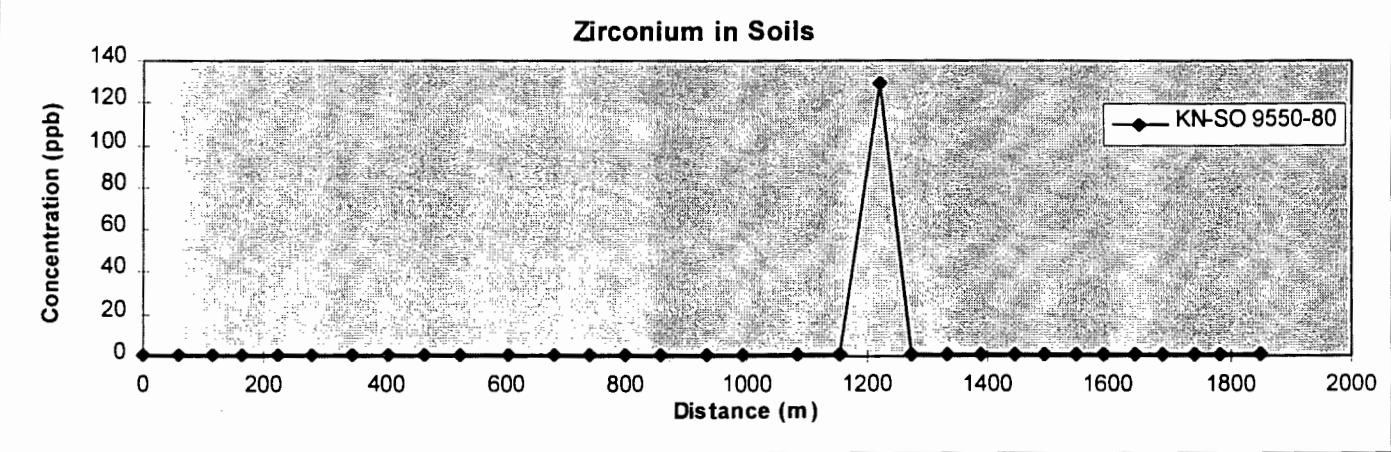
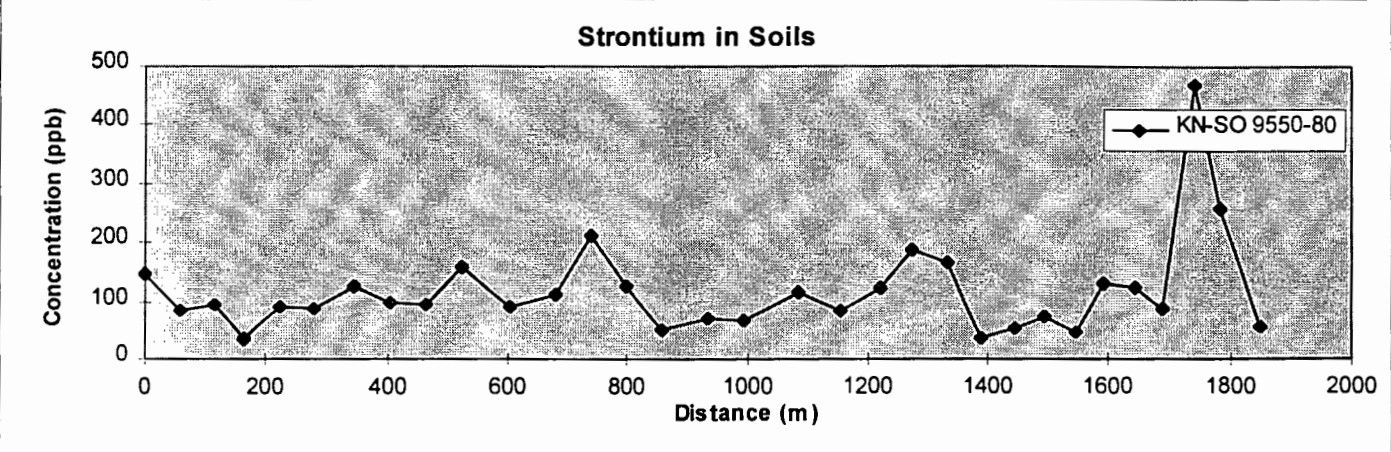
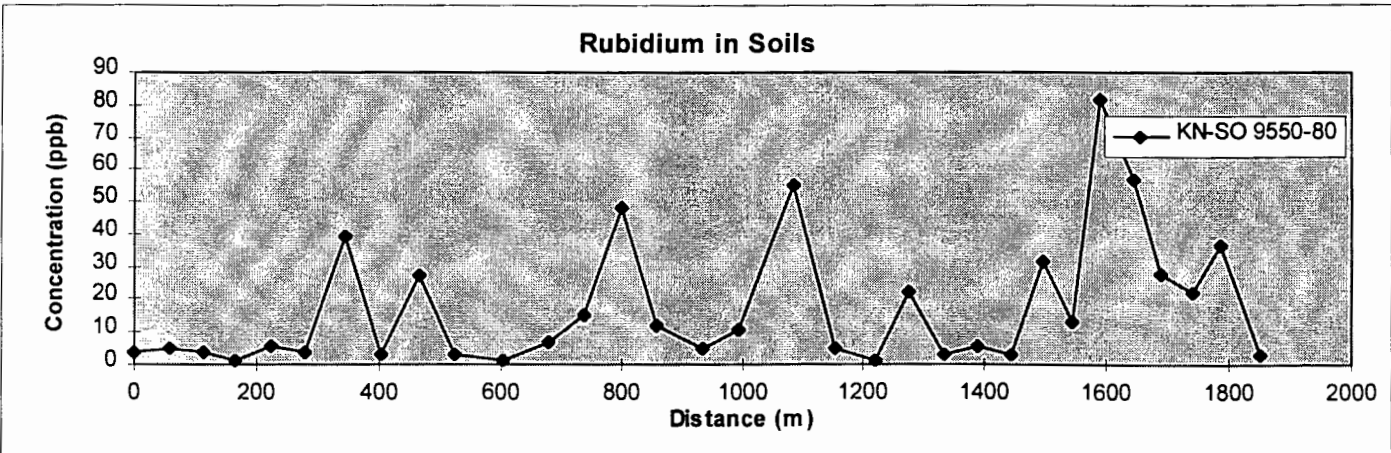


Figure 9d Enzyme Leach determined Rb, Sr, Zr and Ba in soil samples collected from the Knoll Prospect on the Swan Property. Samples are from a long traverse extending southwest from the knoll. Distance 0 marks the northeast end of the traverse.

At the southwest end of the traverse, sample KN-SO-9551 is strongly anomalous in Cd, As, Pb, Sr, Ni, and Cu. The adjacent sample 9550 is strongly anomalous in Zn. These samples were from a small area of possible moraine comprised of sand and ultramafic boulders derived from the Polaris Ultramafic Complex.

Several anomalous samples were obtained from an area where Big Creek Group rocks are exposed. Sample 9560 returned the highest Mn values for this traverse. Weak Zn, As and Ba and moderate Ni values were also obtained at this location. Nearby sample 9561 yielded a Zr anomaly at the location of outcropping Gilliland Tuff. Strongly anomalous values for Pb and Zn, the highest values from the traverse, were obtained from sample 9563, where rubbly outcrop of crystal tuff occurs on both sides of the valley. As is also moderately anomalous here and Mn is not particularly anomalous. This Zn/Pb/As anomaly in part occurs within a Br and, to a lesser extent, I low which may indicate an oxidized sulphide body in the subsurface. It should be noted that these samples (9560 to 9563) have more underlying bedrock component and less transported material than do most of the samples on this traverse. The scatter between Mn and the other elements for samples from this traverse does not indicate that high metal values are related to high Mn values.

The results from this traverse indicate that two areas should be further investigated and evaluated - the areas of samples 9550 to 9551 and samples 9560 to 9563.

#### 5.4 RESULTS FROM RAIN PROSPECT AREA

Thirteen soil samples (RA-SO-9501 to 9513) were collected from one traverse at the Rain prospect. The traverse starts at the top of the ridge, runs down the slope of the ridge toward the southwest; near the lower end of the traverse, it crosses the presumed zone of mineralization.

Sample locations and conventional geochemical analyses are shown in Figure 6. The conventional results are summarized as follows. Most of the samples have above normal levels of Ag, Pb, Zn and Ba. Ag (5.4 ppm), Pb (2458 ppm), Zn (625 ppm) and Ba (>2000 ppm) are all highest in sample 9511, collected a few metres from two samples of float which yielded values to 16.7 ppm Ag, 1.74% Pb, and 3.06% Zn. Although samples 9503 to 9506 have weakly anomalous levels of Ag and Pb, the interval between 9507 and 9513 (the end of the traverse) is the main portion of the anomalous interval. The upper part of the most anomalous zone is roughly at 1880 metres, which may represent the uppermost part of the bedrock source.

Enzyme leach analyses (plotted in Figures 10a to 10c) were performed on all samples from this traverse. The results fairly closely mirror those of the conventional analyses. Lead, Zn, Au, Cd and Ba all have their high value for the traverse at sample 9511; some of these elements have adjacent anomalous values. Clark says "Lead, Cd and Zn are incredibly anomalous between [sample 9505] and the end of the line [sample 9513]. The CI data seems to suggest a 'central low' of an oxidation halo between about [sample 9506] and [sample 9511]. If this is the case, then the sampling does not extend far enough to define the halo and the Pb-Zn-Cd anomaly within that area would represent an apical over the source."

Antimony, Ba, As, Mn, Co, Cu, Ni, V and Cl all have their highest or nearly highest values in

sample 9501 at the top of the ridge. The reason for this is not known but it may be related to the high Mn content; Pb and Zn are not anomalous in this sample.

In summary, the enzyme leach analyses, particularly the Cl and Br data, appear to indicate a wider zone of mineralization - up to 200 metres - than previously thought. The most intense mineralization may occur in the vicinity of sample 9511. This possibly widespread occurrence of Pb and Zn mineralization in the underlying bedrock should be further investigated.

It should be noted that this prospect appears to be much more Pb-rich than the Knoll and Swan.

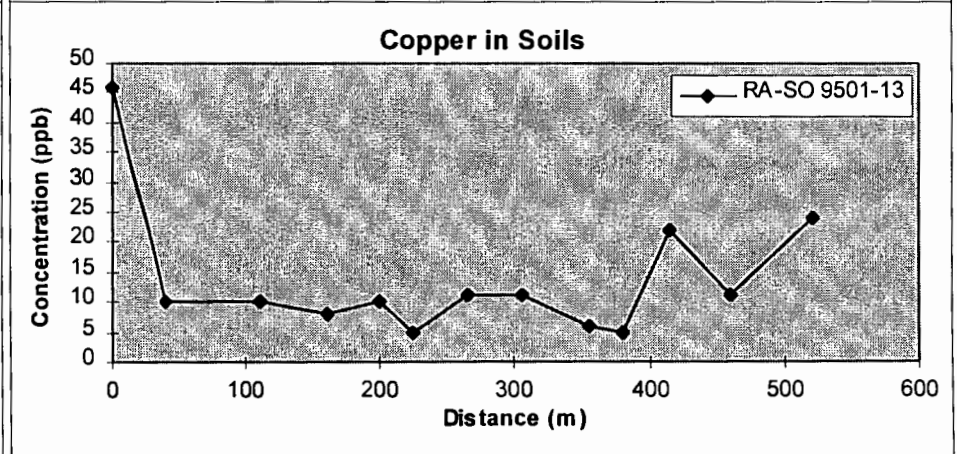
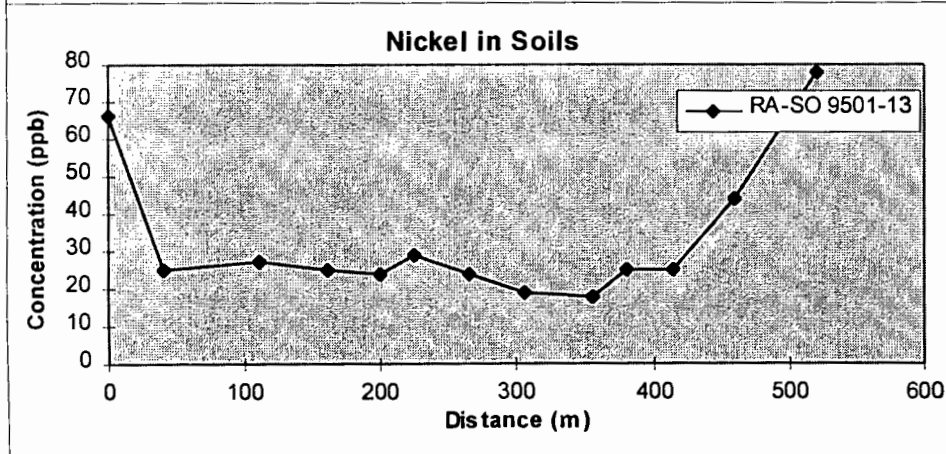
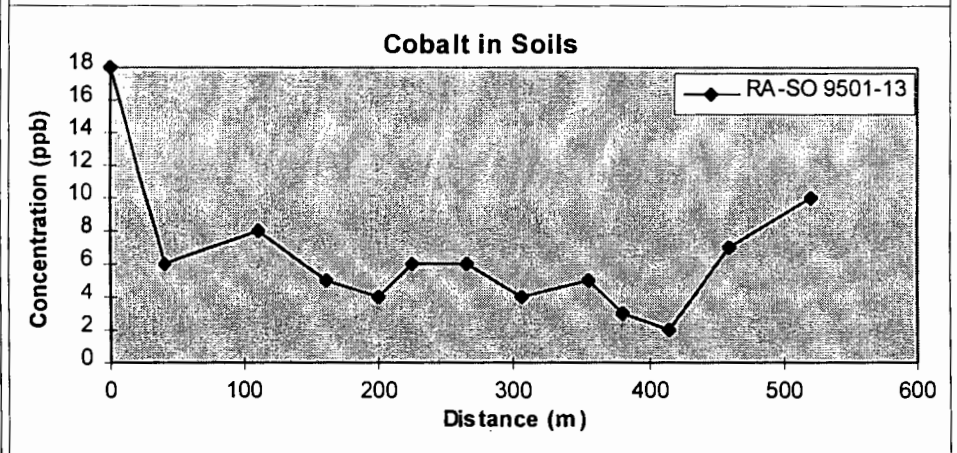
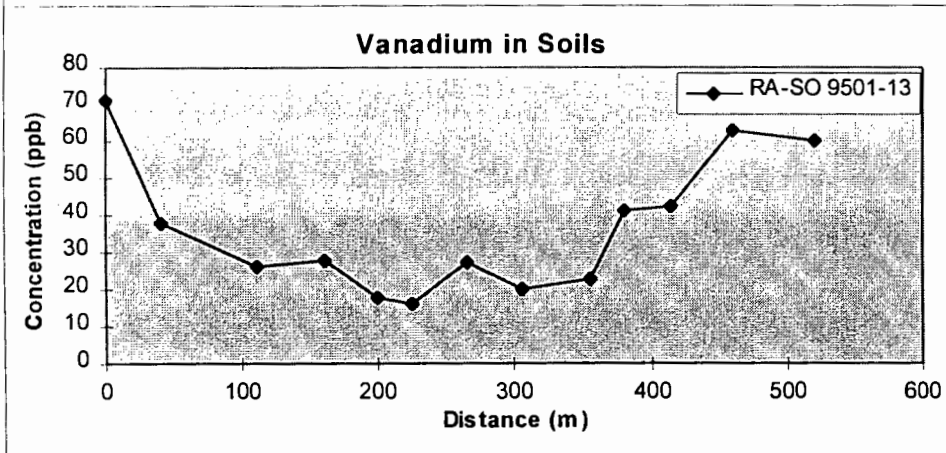
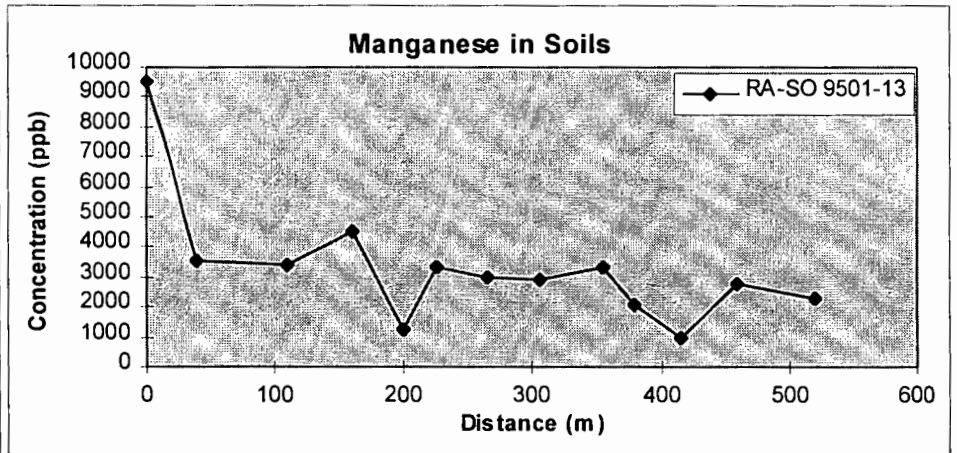
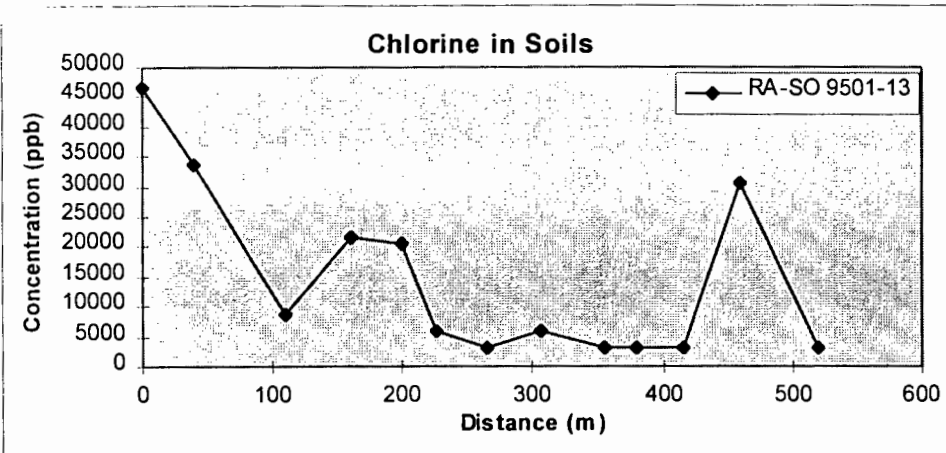


Figure 10a Enzyme Leach determined Cl, Mn, V, Co, Ni and Cu in soil samples collected from the Rain Prospect on the Swan Property. Traverse extends southwest from a small hill. Distance 0 marks the top of the hill.



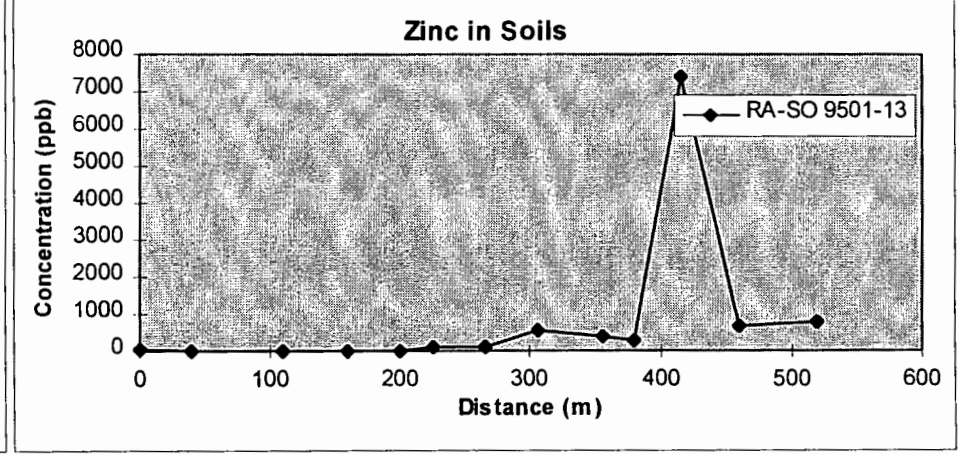
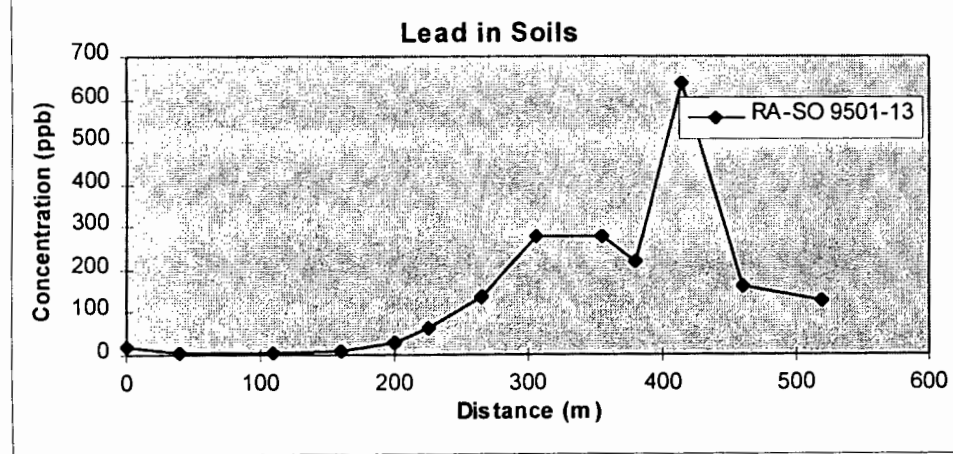
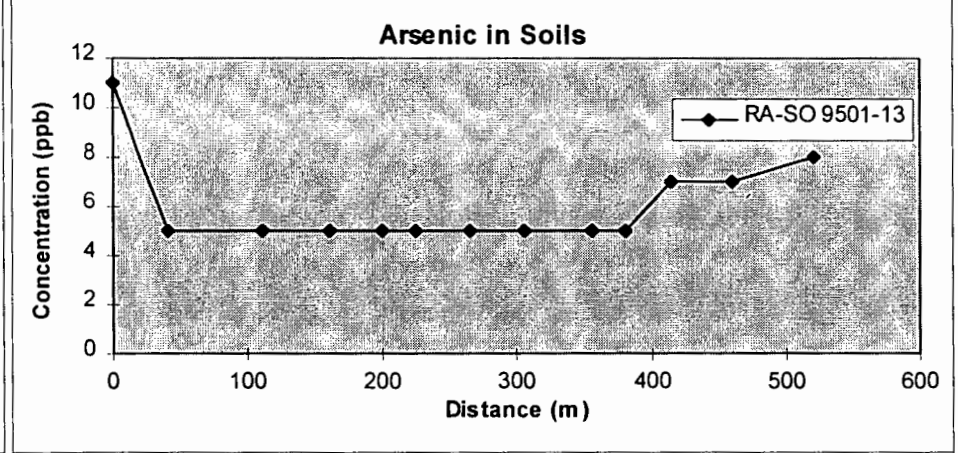
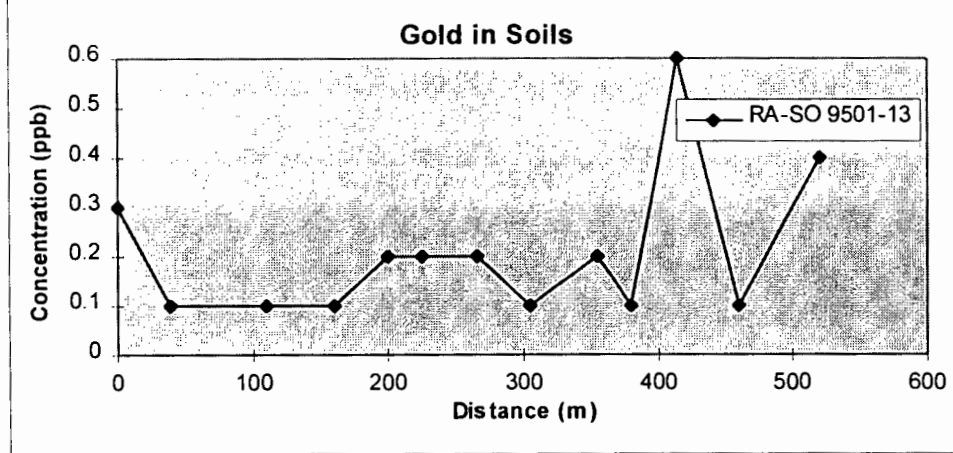
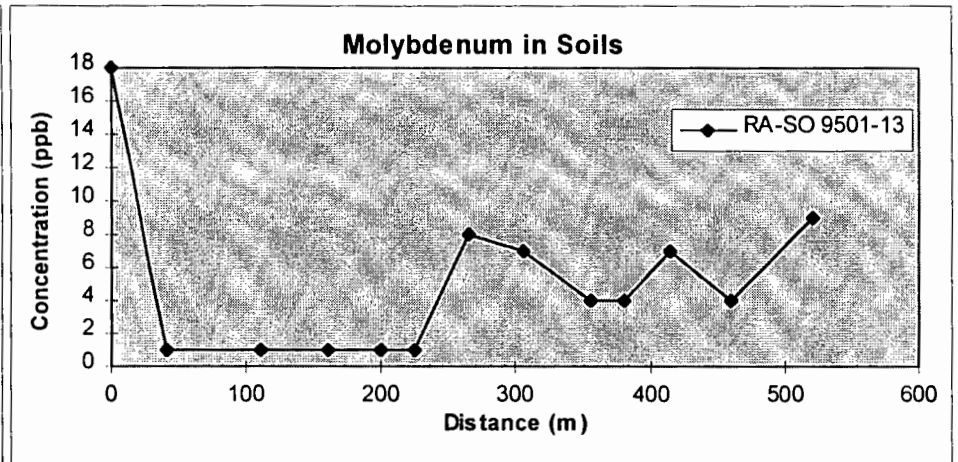
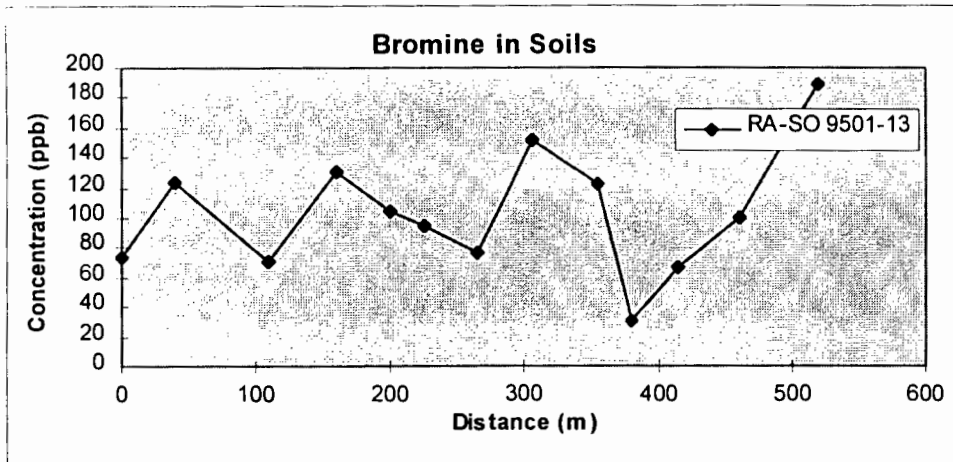


Figure 10b Enzyme Leach determined Br, Mo, Au, As, Pb and Zn in soil samples collected from the Rain Prospect on the Swan Property. Traverse extends southwest from a small hill. Distance 0 marks the top of the hill.

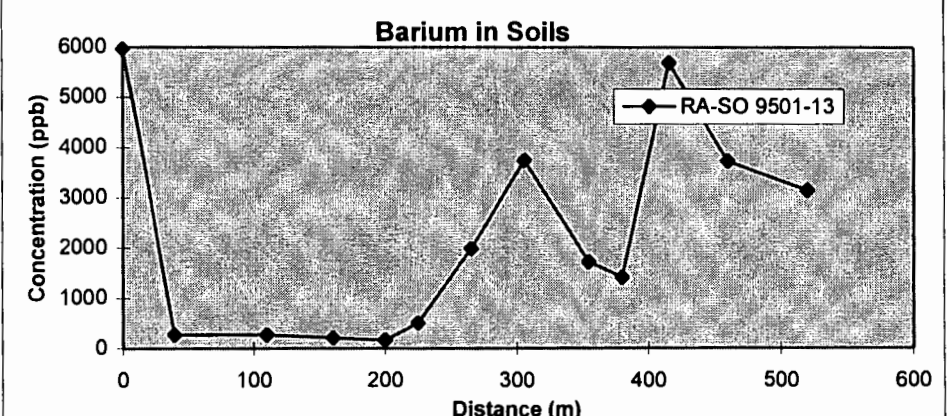
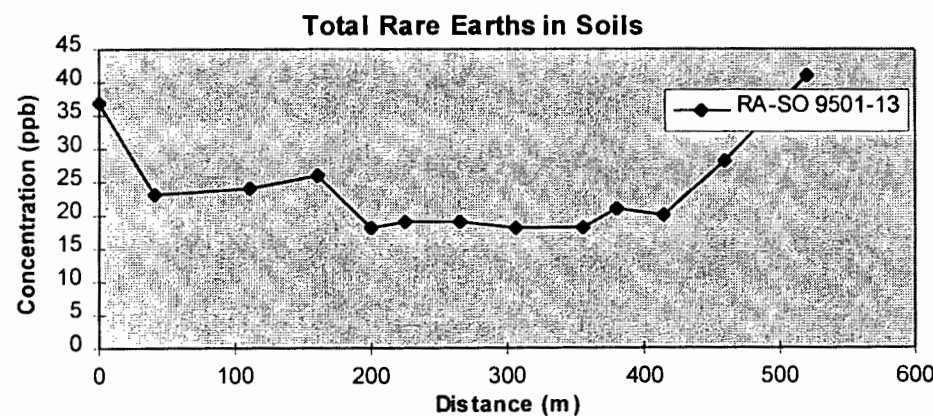
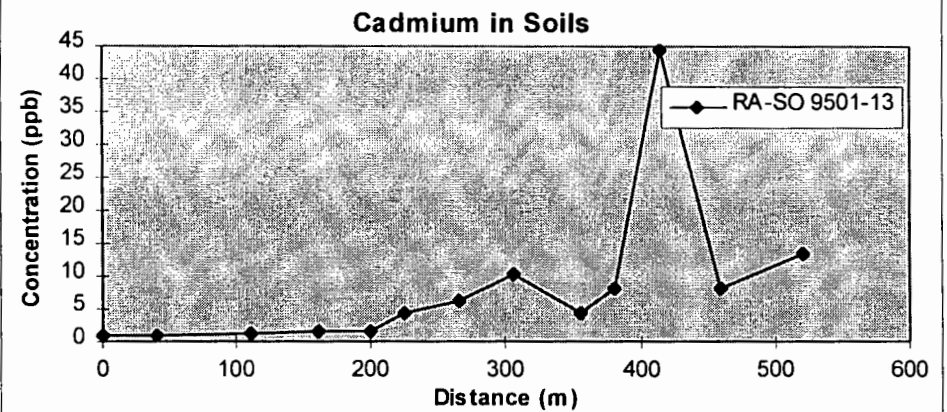
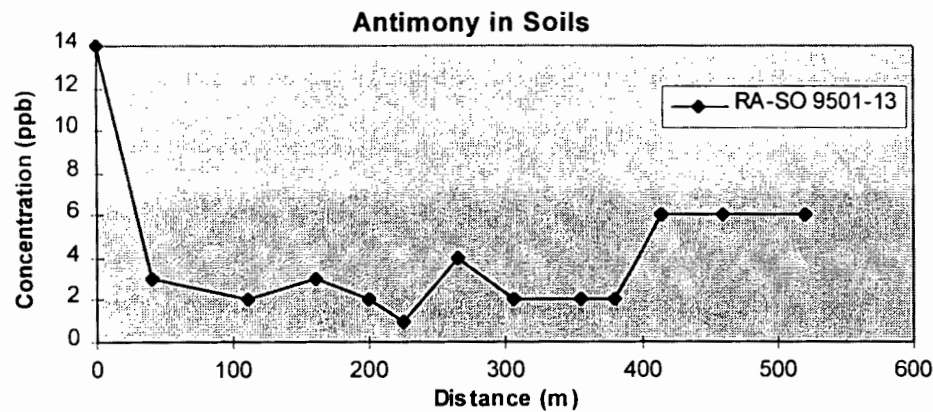
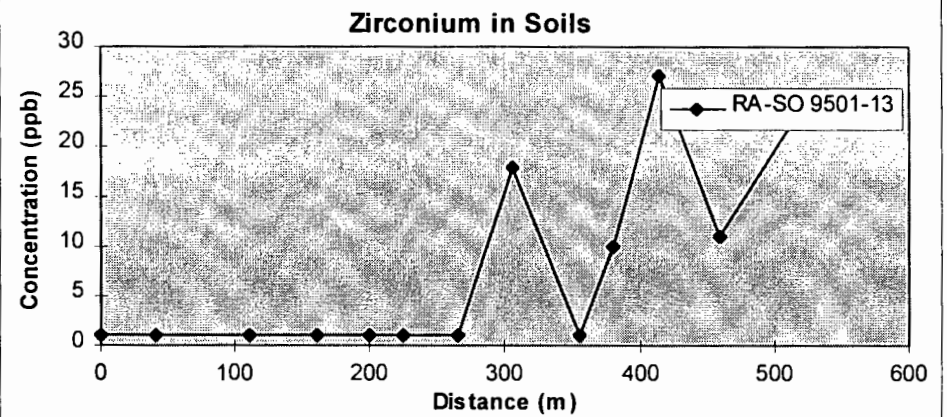
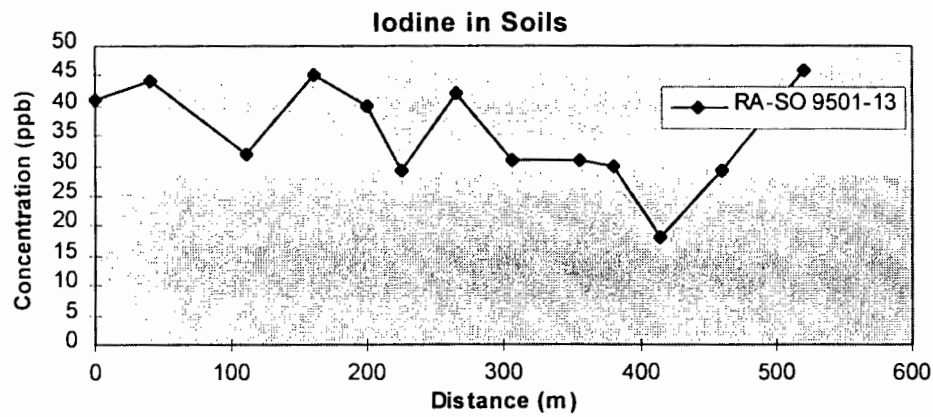


Figure 10c Enzyme Leach determined I, Zr, Sb, Cd, Total Rare Earths and Ba in soil samples collected from the Rain Prospect on the Swan Property. Traverse extends southwest from a small hill. Distance 0 marks the top of the hill.

## 6.0 CONCLUSIONS

### 6.1 GENERAL

1. Highly anomalous levels of Pb, Zn, Ag, and Ba exist in soils and rocks over extensive areas of the Swan property but especially in the Swan, Knoll and Rain prospect areas.
2. For all areas (Swan, Knoll, Rain and Crag), the mineralization is associated with the specific stratigraphic interval below or at the base of the Echo Lake Group. This strongly suggests that the control on the mineralization is stratigraphic rather than structural. The control may be a particular lithological unit, an unconformity or a low-angle thrust fault.
3. The apparently irregular nature of the known occurrences of Pb-Zn-Ag-(Ba) mineralization may be a result of topographic relief, weathering, structural and stratigraphic complexity and varying overburden cover.
4. The pilot study using enzyme leach analysis successfully identified previously unknown anomalous areas and has provided valuable information to aid in the design of the next exploration program on the property.
5. Trenching will be of very limited use in future work given the overburden cover and the logistical and regulatory problems involved in trenching on the slopes.

### 6.2 SWAN GRID

1. Rock sampling on the Swan East, Main and Swan 93 zones confirm the existence of high grade Zn-Pb-Ag mineralization. Swan 93 is a zone of porous, vuggy, oxidized rock. Swan East is also deeply oxidized, as indicated by float or talus on the slope.
2. The Swan East soil anomaly is significant and derives from bedrock not exposed on the hillside. It appears to be related to the stratigraphic interval below the silica-dolomite rock of the Echo Lake Group, possibly within dolomitized limestone of the upper part of the Mount Kison Formation.
3. Soil and rock sampling between the Main zone and the Swan 93 trench indicates a previously unknown zone with anomalous values in Pb, Zn and Ag. This suggests a potential for a continuous zone of mineralization between the Main Zone and the Swan 93 zone.
4. The Enzyme Leach analyses for the Swan East zone appear to identify apical Pb-Zn anomalies within a central low which may be overlying oxidizing sulphides in the bedrock. This work also indicates anomalous gold values, particularly on line 8W.

### 6.3 KNOLL PROSPECT

1. This program has confirmed the occurrence of anomalous values of Ag-Pb-Zn in soils on the sides of the Knoll. The most anomalous soil samples appear to be confined to a particular elevation interval. The reason for this is unknown, but may in part reflect a relationship between

stratigraphy, elevation and anomalous soil.

2. The nature of the mineralization accounting for the soil anomalies has not been determined as it is not well exposed. Only talus was sampled in this program.

3. The soil geochemical traverse over the Big Creek Group to the southwest of the Knoll indicated two areas of anomalous metal values which may indicate mineralization in the subsurface. These results also tend to confirm the usefulness of this approach in exploring in areas of thick glacial cover.

#### 6.4 RAIN PROSPECT

1. The work has confirmed the existence on the Rain prospect of a very significant soil geochemical anomaly. The area of the anomaly, on the southwest-facing side of the ridge, appears to be at the approximate location of the lower contact of the Echo Lake Group with the underlying Mount Kison Formation, as mapped by Ferri and co-workers. Previous drilling may not have tested a syngenetic stratabound model for the mineralization.

2. Well-mineralized rock samples, obtained from float and an old trench, are within the confines of the soil geochemical anomaly. This appears to be at the same stratigraphic position as mineralization and soil anomalies on the Swan and Knoll prospects. It is not known if drilling tested a stratigraphic model.

## 7.0 RECOMMENDATIONS

1. For all three areas in which work was done, additional enzyme leach soil geochemical surveys should be done over the areas of interest as identified above to further define and understand the source of the anomalies. Lines should be long enough to get well beyond the mineralized areas so as to provide background data.
2. For all three areas, detailed careful stratigraphic and structural mapping should be done in the area of mineralization and soil anomalies. This is critical to the development of a working model which will incorporate all the data.
3. For future work on all areas, accurate metric grids should be established for control. On the Swan grid, it may be possible and practical to use the old Serem baseline although this should be checked for straightness. All old grids and sample locations (now identified by ribbons) should be tied to the new grids so that all old data can be utilized.
4. For the Swan grid area, a program of diamond drilling is recommended for the Swan East and the area between the Main and Swan 93. On the Swan East zone, holes should be collared on the hillside or the top of the hill above the soil anomaly and drilled toward the south or southeast to intersect interpreted north- or northwest-dipping stratigraphically controlled mineralization. A program of approximately five holes is recommended for the initial phase.
5. For the Knoll prospect area, a decision on diamond drilling should await the completion of the soil geochemical surveys and the mapping.
6. For the Rain prospect, a decision on diamond drilling should await the completion of the soil geochemical surveys and the mapping, as well as the work on the other areas of the Swan property. An attempt should be made to acquire the results of the Serem drilling.

Respectfully submitted,



Wayne Johnson

## 8.0 REFERENCES

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1996: Savage Enzyme Leach Pilot Studies; unpub. Report for Stratabound Minerals Corp.
- Ferri, F., Dudka, S., Rees, C. and Meldrum, D.  
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1992: Geological Setting and Genesis of Sedimentary Exhalative Barite and Barite-Sulfide Deposits, Gataga District, Northeastern British Columbia; Explor. Mining Geol. Vol. 1, No. 1, pp. 1-20.
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- Roots, E.F.  
1954: Geology and Mineral Deposits of Aiken Lake Map-Area, British Columbia; Geological Survey of Canada, Memoir 274

## APPENDIX 1. GEOLOGIST'S CERTIFICATE

I, Wayne Johnson of 5 Pine St. N., Port Hope, Ontario certify as follows:

1. I am the author of the report "Geology and Geochemistry, Cygnet Project/Swan Property". I performed the field work on the property, with the help of one assistant.
2. I am a Fellow of the Geological Association of Canada and a Licencee of the Association of Professional Engineers, Geologists and Geophysicists of the N.W.T.
3. I have no interest in the property or in Stratabound Minerals Corp.
4. I have a B.Sc. Degree in Geology from Queen's University and an M.Sc. Degree in Geology from the University of Western Ontario.
5. I have practised as a geologist from 1974 to the present, most of this time as a consulting geologist and the President of Target Exploration Services Ltd.



Wayne Johnson

Feb. 27, 1996



**APPENDIX 2**

**ROCK AND SOIL ANALYSES**





# Bondar Clegg

## Inchcape Testing Services

Geochemical  
Lab  
Report

STRATABOUND MINERALS CORP.  
SUITE 518  
222-58TH AVE SW  
CALGARY, AB  
T2H 2S3



# Bondar Clegg

## Inchcape Testing Services

# Geochemical Lab Report

REPORT: V95-01214.0 ( COMPLETE )

REFERENCE:

CLIENT: STRATABOUND MINERALS CORP.

SUBMITTED BY: N. JOHNSON

PROJECT: NONE GIVEN

DATE PRINTED: 3-OCT-95

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Ag Silver	114	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
2	AgOL Silver, semiquant.	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Pb Lead	114	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Zn Zinc	114	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	ZnOL Zinc, by dilution	7	0.1 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Ba Barium	114	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOIL	73	1 -80	73	CRUSH/SPLIT & PULV.	41
R ROCK	41	2 -150	41	DRY, SIEVE -80	73

REPORT COPIES TO: SUITE 518

INVOICE TO: SUITE 518

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PROJECT: NONE GIVEN  
DATE PRINTED: 3-OCT-95 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	AgOL PPM	Pb PPM	Zn PPM	ZnOL PCT	Ba PPM
S1 RP-S-95 01		<0.2		31	439		299
S1 RP-SO-95 02		0.9		32	200		569
S1 RP-SO-95 03		1.8		42	266		994
S1 RP-SO-95 04		0.9		26	77		612
S1 RP-SO-95 05		0.7		108	297		724
S1 RP-SL-95 06		0.5		16	672		740
S1 RP-SO-95 07		0.4		21	298		289
S1 RP-SO-95 08		0.3		969	591		189
S1 RP-SO-95 09		0.3		24	328		84
S1 RP-SO-95 10		<0.2		47	182		155
S1 RP-SO-95 11		<0.2		39	268		354
S1 RP-SO-95 12		<0.2		60	373		599
S1 RP-SL-95 13		0.4		17	1413		810
S1 RP-SL-95 14		0.5		13	1155		941
S1 RP-SL-95 15		0.7		25	1941		956
S1 RP-SL-95 16		0.4		19	1153		832
S1 RP-SL-95 17		0.6		19	999		838
S1 RP-SL-95 18		0.5		17	787		803
S1 RP-SL-95 19		0.4		18	593		715
S1 RP-SL-95 20		0.5		15	570		726
S1 SW-SO-95 01		<0.2		63	371		159
S1 SW-SO-95 02		<0.2		48	319		215
S1 SW-SO-95 03		<0.2		16	120		202
S1 SW-SO-95 04		1.2		1710	5505		408
S1 SW-SO-95 05		5.3		4742	9438		1415
S1 SW-SO-95 06		1.1		3972	8181		769
S1 SW-SO-95 07		2.6		429	2864		610
S1 SW-SO-95 08		1.9		716	2352		852
S1 SW-SO-95 09		<0.2		62	251		159
S1 SW-SO-95 10		<0.2		58	276		123
S1 SW-SO-95 11		<0.2		71	268		201
S1 SW-SO-95 12		<0.2		15	171		165
S1 SW-SO-95 13		<0.2		10	457		123
S1 SW-SO-95 14		<0.2		15	363		165
S1 SW-SO-95 15		<0.2		45	772		159
S1 SW-SO-95 16		<0.2		314	286		106
S1 SW-SO-95 17		<0.2		223	334		112
S1 SW-SO-95 18		<0.2		117	213		117
S1 SW-SO-95 19		1.2		259	764		465
S1 SW-SO-95 20		3.1		2283	5502		683

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SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	AgOL PPM	Pb PPM	Zn PPM	ZnOL PCT	Ba PPM
S1 SW-SO-95 21		0.9		1014	3763		424
S1 SW-SO-95 22		0.2		445	2387		526
S1 SW-SO-95 23		<0.2		342	1361		231
S1 SW-SO-95 24		<0.2		26	330		193
S1 SW-SO-95 25		<0.2		88	312		138
S1 SW-SO-95 26		<0.2		97	612		105
S1 SW-SO-95 27		0.5		338	1295		77
S1 SW-SO-95 28		<0.2		240	718		110
S1 SW-SO-95 29		<0.2		120	468		95
S1 SW-SO-95 30		<0.2		230	564		162
S1 SW-SO-95 31		<0.2		136	452		132
S1 SW-SO-95 33		<0.2		99	1201		177
S1 SW-SO-95 34		<0.2		27	175		293
S1 SW-SO-95 35		<0.2		19	242		143
S1 SW-SO-95 36		<0.2		31	305		128
S1 SW-SO-95 37		<0.2		56	445		123
S1 SW-SO-95 38		<0.2		456	447		74
S1 SW-SO-95 39		<0.2		136	625		123
S1 SW-SO-95 40		2.0		404	2933		827
S1 SW-SO-95 41		1.5		1228	5713		716
S1 SW-SO-95 42		0.3		282	1647		368
S1 SW-SO-95 43		0.6		407	2325		405
S1 SW-SO-95 44		0.4		310	1379		337
S1 SW-SO-95 45		1.8		472	1203		305
S1 SW-SO-95 46		0.3		252	1821		509
S1 SW-SO-95 47		<0.2		21	228		296
S1 SW-SO-95 48		<0.2		11	237		573
S1 SW-SO-95 49		<0.2		10	138		191
S1 SW-SO-95 50		<0.2		57	330		269
S1 SW-SO-95 50 REPEAT		<0.2		68	369		255
S1 SW-SO-95 51		<0.2		48	416		169
S1 SW-SO-95 52		<0.2		24	224		160
S1 SW-SO-95 53		<0.2		12	94		144
R2 SW-95-W 001		9.2		4837	>20000	3.6	151
R2 SW-95-W 002		0.4		14	79		5
R2 SW-95-W 003		<0.2		<2	21		5
R2 SW-95-W 004		<0.2		33	657		14
R2 SW-95-W 005		>50.0	52	4145	>20000	>15.0	51
R2 SW-95-W 006		32.6		3313	>20000	12.1	195
R2 SW-95-W 007		28.2		2160	>20000	10.3	212

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SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	AgOL PPM	Pb PPM	Zn PPM	ZnOL PCT	Ba PPM
R2 SW-95-W 008		0.8		21	549		497
R2 SW-95-W 009		1.1		33	670		745
R2 SW-95-W 010		0.4		8	75		43
R2 SW-95-W 011		0.5		10	185		81
R2 SW-95-W 012		1.6		12	53		1821
R2 SW-95-W 013		1.0		11	96		1060
R2 SW-95-W 014		0.3		5	51		32
R2 SW-95-W 015		0.2		10	205		26
R2 SW-95-W 016		<0.2		3	114		8
R2 SW-95-W 017		5.3		1987	5812		1078
R2 SW-95-W 018		3.1		843	6022		1022
R2 SW-95-W 019		3.9		280	7527		29
R2 SW-95-W 020		1.2		225	13798		51
R2 SW-95-W 021		1.4		5	160		>2000
R2 SW-95-W 022		0.5		10	324		33
R2 SW-95-W 023		0.2		13	59		46
R2 SW-95-W 024		0.5		8	116		29
R2 SW-95-W 025		5.8		537	>20000	5.7	64
R2 SW-95-W 026		4.9		591	11698		38
R2 SW-95-W 028		0.4		39	1275		18
R2 SW-95-W 029		1.1		81	1146		89
R2 SW-95-W 030		1.5		351	586		12
R2 SW-95-W 031		0.5		120	331		14
R2 SW-95-W 032		1.1		350	1045		58
R2 SW-95-W 033		1.2		100	508		1594
R2 SW-95-W 034		15.1		3015	>20000	3.0	885
R2 SW-95-W 035		0.9		11	197		1209
R2 SW-95-W 036		0.3		13	165		40
R2 SW-95-W 037		0.3		7	52		25
R2 SW-95-W 038		15.7		>10000	4394		53
R2 SW-95-W 039		2.6		121	231		216
R2 SW-95-W 040		3.3		1467	16076		21
R2 SW-95-W 041		27.1		>10000	>20000	6.8	68
R2 SW-95-W 042		0.5		105	805		69

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PROJECT: NONE GIVEN  
DATE PRINTED: 3-OCT-95 PAGE 4

STANDARD NAME	ELEMENT UNITS	Ag PPM	AgOL PPM	Pb PPM	Zn PPM	ZnOL PCT	Ba PPM
BCC GEOCHEM STD 3		5.5	-	215	471	-	227
BCC GEOCHEM STD 3		6.3	-	248	523	-	229
Number of Analyses		2	-	2	2	-	2
Mean Value		5.89	-	231.6	496.6	-	228.1
Standard Deviation		0.578	-	23.59	36.57	-	1.94
Accepted Value		5.0	5	250	500	-	220

ANALYTICAL BLANK		<0.2	-	<2	<1	-	<1
ANALYTICAL BLANK		<0.2	-	<2	<1	-	<1
ANALYTICAL BLANK		<0.2	-	<2	<1	-	<1
ANALYTICAL BLANK		<0.2	-	<2	<1	-	<1
Number of Analyses		4	-	4	4	-	4
Mean Value		0.10	-	1.0	0.5	-	0.5
Standard Deviation		0.000	-	0.00	0.00	-	0.00
Accepted Value		0.2	<1	2	1	<0.1	<1

BCC GEOCHEM STD 5		<0.2	-	8	75	-	188
Number of Analyses		1	-	1	1	-	1
Mean Value		0.10	-	8.0	74.6	-	187.7
Standard Deviation		-	-	-	-	-	-
Accepted Value		0.7	1	11	80	-	200

BCC GEOCHEM STD 4		0.4	-	41	286	-	67
Number of Analyses		1	-	1	1	-	1
Mean Value		0.41	-	41.0	285.6	-	67.0
Standard Deviation		-	-	-	-	-	-
Accepted Value		0.5	1	33	255	-	55



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PROJECT: NONE GIVEN  
DATE PRINTED: 3-OCT-95 PAGE 5

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	AgOL PPM	Pb PPM	Zn PPM	ZnOL PCT	Ba PPM
RP-S0-95 05		0.7		108	297		724
Duplicate		0.7		104	292		712
SW-S0-95 02		<0.2		48	319		215
Duplicate		<0.2		60	354		240
SW-S0-95 22		0.2		445	2387		526
Duplicate		<0.2		465	2531		574
SW-S0-95 40		2.0		404	2933		827
Duplicate		2.0		437	3102		841
SW-95-W 006		32.6		3313	>20000	12.1	195
Duplicate		28.9		3057	>20000	12.4	201
SW-95-W 023		0.2		13	59		46
Duplicate		<0.2		16	57		41



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SUITE 518  
222-58TH AVE SW  
CALGARY, AB  
T2H 2S3

+ + + +





# Bondar Clegg Inchcape Testing Services

Geochemical  
Lab  
Report

REPORT: V95-01294.0 ( COMPLETE )

REFERENCE:

CLIENT: STRATABOUND MINERALS CORP.

SUBMITTED BY: UNKNOWN

PROJECT: CYGNET

DATE PRINTED: 24-OCT-95

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Ag Silver	85	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
2	Pb Lead	85	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Zn Zinc	85	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Ba Barium	85	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOIL	39	1 -80	39	CRUSH/SPLIT & PULV.	23
R ROCK	46	2 -150	46	CRUSH ONLY	23
				PULVERIZATION	23
				DRY, SIEVE -80	39

REPORT COPIES TO: SUITE 518

INVOICE TO: SUITE 518



# Bondar Clegg Inchcape Testing Services

# Geochemical Lab Report

CLIENT: STRATABOUND MINERALS CORP.  
REPORT: V95-01294.0 ( COMPLETE )

PROJECT: CYGNET  
DATE PRINTED: 24-OCT-95 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Pb PPM	Zn PPM	Ba PPM	SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Pb PPM	Zn PPM	Ba PPM
S1 KN-SO 9525		0.3	23	238	708	R2 BU95WO-31		0.4	15	8	213
S1 KN-SO 9526		<0.2	166	423	92	R2 BU95WO-32		0.7	12	11	462
S1 KN-SO 9527		<0.2	47	366	173	R2 BU95WO-33		0.8	22	32	1096
S1 KN-SO 9528		0.2	27	252	39	R2 KN95WO-01		0.9	24	216	1039
S1 KN-SO 9529		<0.2	28	259	83	R2 KN95WO-02		8.8	2986	19627	1437
S1 KN-SO 9530		<0.2	124	378	48	R2 KN95WO-03		0.5	37	265	324
S1 KN-SO 9531		<0.2	112	661	59	R2 KN95WO-04		0.5	18	108	542
S1 KN-SO 9532		<0.2	141	658	79	R2 KN95WO-05		0.4	7	53	31
S1 KN-SO 9533		<0.2	116	443	71	R2 KN95WO-06		0.5	18	121	92
S1 KN-SO 9534		<0.2	153	577	85	R2 KN95WO-07		0.3	41	224	22
S1 KN-SO 9535		<0.2	38	218	143	R2 KN95WO-08		0.2	32	83	27
S1 KN-SO 9536		<0.2	22	159	320	R2 KN95WO-09		<0.2	2	28	4
S1 KN-SO 9537		0.3	28	193	47	R2 KN95WO-10		0.5	26	60	58
S1 KN-SO 9538		0.2	28	252	43	R2 KN95WO-11		0.6	77	113	16
S1 KN-SO 9539		<0.2	14	240	216	R2 KN95WO-12		<0.2	9	55	47
S1 KN-SO 9540		0.5	92	276	36	R2 KN95WO-13		0.6	103	113	19
S1 KN-SO 9541		0.5	45	185	40	R2 KN95WO-14		0.4	5	39	19
S1 KN-SO 9542		<0.2	53	139	86	R2 KN95WO-15		11.0	1586	13892	219
S1 KN-SO 9543		0.7	150	515	79	R2 KN95WO-16		2.2	673	1842	462
S1 KN-SO 9544		0.5	136	400	47	R2 KN95WO-17		9.8	2543	6026	1266
S1 KN-SO 9545		0.6	199	401	49	R2 KN95WO-18		8.5	1688	4343	1693
S1 KN-SO 9546		3.4	939	2006	834	R2 KN95WO-19		3.3	315	789	566
S1 KN-SO 9547		<0.2	87	180	121	R2 KN95WO-20		23.0	>10000	>20000	384
S1 RA-SO 9501		1.0	55	54	789	R2 KN95WO-21		0.8	171	677	273
S1 RA-SO 9502		0.5	85	114	560	R2 KN95WO-22		1.1	198	1454	320
S1 RA-SO 9503		0.4	86	104	511	R2 KN95WO-23A		16.8	4769	>20000	118
S1 RA-SO 9504		0.5	151	183	312	R2 KN95WO-23B		18.5	6796	>20000	49
S1 RA-SO 9505		0.5	348	146	192	R2 KN95WO-24		0.4	122	480	34
S1 RA-SO 9506		0.6	274	175	183	R2 KN95WO-25		0.4	69	231	20
S1 RA-SO 9507		1.3	873	693	637	R2 KN95WO-26		<0.2	23	84	16
S1 RA-SO 9508		1.4	758	1006	696	R2 KN95WO-27		0.4	44	58	38
S1 RA-SO 9509		1.4	805	1042	650	R2 KN95WO-28		0.5	117	285	59
S1 RA-SO 9510		1.0	675	630	285	R2 KN95WO-29		1.3	181	1072	15
S1 RA-SO 9511		5.4	2458	6256	>2000	R2 KN95WO-30		0.9	25	162	396
S1 RA-SO 9512		1.1	375	851	894	R2 KN95WO-31		20.0	9767	19981	<1
S1 RA-SO 9513		2.5	451	2027	1480	R2 KN95WO-32		>50.0	>10000	821	119
S1 RP-SO 95116		<0.2	257	2502	92	R2 KN95WO-33		>50.0	>10000	957	89
S1 RP-SO 95117		<0.2	240	1966	86	R2 RA95WO-01		10.8	6220	>20000	1166
S1 RP-SO 95118		1.5	35	351	1314	R2 RA95WO-02		16.7	>10000	16658	41
S1 BU95WO-30		2.6	88	220	1940	R2 RP95WO-06		1.8	389	212	1694

Bondar Clegg & Company Ltd.

130 Pemberton Avenue, North Vancouver, B.C. V7P 2R5, Canada

Tel: (604) 983-0681, Fax: (604) 983-1071



# Bondar Clegg Inchcape Testing Services

Geochemical  
Lab  
Report

CLIENT: STRATABOUND MINERALS CORP.  
REPORT: V95-01294.0 ( COMPLETE )

PROJECT: CYGNET  
DATE PRINTED: 24-OCT-95 PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Pb PPM	Zn PPM	Ba PPM	SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Pb PPM	Zn PPM	Ba PPM
R2 RP95WO-07		2.6	433	185	1928						
R2 RP95WO-08		0.4	58	55	366						
R2 RP95WO-09		0.9	65	22	374						
R2 RP95WO-10		7.3	31	59	>2000						
R2 RP95WO-11		0.9	51	20	858						



# Bondar Clegg Inchcape Testing Services

## Geochemical Lab Report

CLIENT: STRATABOUND MINERALS CORP.

PROJECT: CYGNET

REPORT: V95-01294.0 ( COMPLETE )

DATE PRINTED: 24-OCT-95

PAGE 3

STANDARD NAME	ELEMENT UNITS	Ag PPM	Pb PPM	Zn PPM	Ba PPM	STANDARD NAME	ELEMENT UNITS	Ag PPM	Pb PPM	Zn PPM	Ba PPM
BCC GEOCHEM STD 3		5.9	233	543	260						
Number of Analyses		1	1	1	1						
Mean Value		5.90	233.5	542.9	260.2						
Standard Deviation		-	-	-	-						
Accepted Value		5.8	250	500	220						

ANALYTICAL BLANK		<0.2	<2	<1	<1						
ANALYTICAL BLANK		<0.2	<2	<1	<1						
ANALYTICAL BLANK		<0.2	<2	<1	<1						
Number of Analyses		3	3	3	3						
Mean Value		0.10	1.0	0.5	0.5						
Standard Deviation		<0.001	0.00	0.00	0.00						
Accepted Value		0.2	2	1	<1						

BCC GEOCHEM STD 5		<0.2	9	79	192						
Number of Analyses		1	1	1	1						
Mean Value		0.10	8.6	79.0	192.1						
Standard Deviation		-	-	-	-						
Accepted Value		0.7	11	80	200						

BCC GEOCHEM STD 4		0.3	21	274	75						
Number of Analyses		1	1	1	1						
Mean Value		0.31	21.4	274.4	75.0						
Standard Deviation		-	-	-	-						
Accepted Value		0.5	33	255	55						



# Bondar Clegg Inchcape Testing Services

## Geochemical Lab Report

CLIENT: STRATABOUND MINERALS CORP.  
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DATE PRINTED: 24-OCT-95 PAGE 4

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Pb PPM	Zn PPM	Ba PPM	SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Pb PPM	Zn PPM	Ba PPM
KN-SO 9529		<0.2	28	259	83						
Duplicate		<0.2	29	266	86						
KN-SO 9546		3.4	939	2006	834						
Duplicate		3.0	951	1990	847						
BU95WD-32		0.7	12	11	462						
Duplicate		0.7	11	9	482						
KN95WD-17		9.8	2543	6026	1266						
Duplicate		10.6	2775	6580	1377						
BP95WD-06		1.8	389	212	1694						
Duplicate		1.8	376	195	1681						

**APPENDIX 3**

**ENZYME LEACH ANALYSES**

9144RPT.XLS

Enzyme Leach Job #: 9144

Customer: Stratabound Minerals Corp.

Geologist: ----

Customer's Job #: CYGNET

Trace Element Values Are in Parts Per Billion. Negative Values Equal Not Detected at That Lower Limit.

Values = 999999 are greater than working range of instrument. S.Q. = That element is determined SEMIQUANTITATIVELY.

Sample ID:	S.Q.Li	S.Q.Be	S.Q.Cl	S.Q.Sc	S.Q.Ti	V	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Rb	Sr	Y
KN-SO-9501	12	-20	3584	-10	-100	38	2916	6	34	13	548	2	-1	9	-30	-30	-1	154	8
KN-SO-9502	-10	-20	6204	-10	-100	22	1026	5	44	5	674	-1	-1	6	-30	109	-1	136	20
KN-SO-9503	-10	-20	7683	-10	-100	43	931	11	22	-5	71	2	-1	-5	-30	32	3	108	13
KN-SO-9504	-10	-20	4573	-10	-100	14	2374	2	22	-5	199	3	-1	-5	-30	48	4	46	2
KN-SO-9505	-10	-20	3952	-10	-100	24	3190	19	27	-5	499	2	-1	-5	-30	52	14	97	1
KN-SO-9506	-10	-20	9240	-10	-100	28	3136	6	69	10	233	3	-1	5	-30	100	6	43	8
KN-SO-9507	-10	-20	3219	-10	-100	22	4478	11	148	10	766	1	-1	6	-30	-30	2	48	5
KN-SO-9508	-10	-20	3280	-10	-100	25	2088	7	58	14	103	3	-1	-5	-30	46	-1	41	7
KN-SO-9509	13	-20	6165	-10	-100	12	3716	3	117	15	180	4	-1	5	-30	83	5	41	2
KN-SO-9510	-10	-20	-3000	-10	-100	41	1670	7	51	18	189	3	-1	6	-30	102	17	45	6
KN-SO-9511	11	-20	4257	-10	-100	50	1399	3	24	-5	36	2	-1	-5	-30	30	-1	62	2
KN-SO-9512	-10	-20	-3000	-10	-100	53	3279	3	70	5	441	2	-1	-5	-30	-30	3	74	3
KN-SO-9513	-10	-20	3111	-10	-100	41	3526	4	45	-5	174	3	-1	-5	-30	100	6	55	2
KN-SO-9514	-10	-20	-3000	-10	-100	25	10077	9	10	-5	342	10	-1	-5	-30	-30	-1	117	-1
KN-SO-9515	-10	-20	-3000	-10	-100	40	864	4	22	-5	489	2	-1	-5	-30	96	33	145	1
KN-SO-9516	-10	-20	-3000	-10	-100	25	4471	24	48	16	38	2	-1	-5	-30	82	3	306	10
KN-SO-9517	-10	-20	-3000	-10	-100	20	1626	19	30	8	616	1	-1	-5	41	77	30	27	2
KN-SO-9518	-10	-20	-3000	-10	-100	15	4792	6	14	-5	703	2	-1	-5	-30	-30	8	26	-1
KN-SO-9519	-10	-20	-3000	-10	-100	18	1800	11	11	-5	1064	-1	-1	-5	-30	93	-1	64	5
KN-SO-9520	-10	-20	7583	-10	-100	7	4500	3	15	7	440	3	-1	-5	-30	48	-1	51	4
KN-SO-9521	-10	-20	3393	-10	-100	12	5440	4	21	-5	568	3	-1	6	49	119	-1	65	8
KN-SO-9522	16	-20	6784	-10	-100	13	5259	5	29	8	576	1	-1	5	-30	206	-1	77	5
KN-SO-9523	29	-20	4189	42	-100	59	10420	93	102	28	932	17	2	41	-30	-30	93	497	10
KN-SO-9524	-10	-20	6489	-10	-100	44	3789	30	83	12	214	3	-1	9	-30	87	6	102	10
KN-SO-9525	-10	-20	-3000	-10	-100	37	16061	11	15	-5	465	4	-1	-5	-30	31	2	176	1
KN-SO-9526	-10	-20	-3000	-10	-100	21	7073	8	14	-5	264	19	-1	-5	-30	68	5	91	1
KN-SO-9527	-10	-20	-3000	-10	-100	46	3535	8	18	-5	102	4	-1	-5	-30	-30	20	74	8
KN-SO-9528	-10	-20	5103	-10	-100	62	1725	2	22	5	35	1	-1	-5	-30	144	-1	50	3
KN-SO-9529	-10	-20	-3000	-10	-100	45	2144	3	22	9	14	-1	-1	-5	-30	92	-1	69	1
KN-SO-9530	-10	-20	-3000	-10	-100	49	3416	10	30	-5	71	1	-1	-5	-30	-30	-1	51	6
KN-SO-9531	-10	-20	13540	-10	-100	52	7312	50	54	-5	636	2	-1	-5	-30	54	9	77	20
KN-SO-9532	-10	-20	-3000	-10	-100	31	3964	17	30	-5	218	2	-1	-5	-30	-30	-1	57	9
KN-SO-9533	-10	-20	-3000	-10	-100	44	1183	11	26	13	69	-1	-1	-5	-30	100	13	56	9
KN-SO-9534	MISSING																		
KN-SO-9535	20	-20	-3000	-10	-100	29	1733	76	186	8	314	1	-1	-5	-30	-30	5	63	2
KN-SO-9536	17	-20	-3000	-10	-100	28	563	64	196	13	284	-1	-1	6	-30	-30	8	80	1
KN-SO-9537	-10	-20	-3000	-10	-100	52	2008	2	19	-5	27	1	-1	-5	49	42	1	59	2
KN-SO-9538	-10	-20	3644	-10	-100	46	4509	2	31	-5	93	-1	-1	-5	-30	63	-1	54	2
KN-SO-9539	-10	-20	6302	-10	-100	28	5182	2	19	-5	83	2	-1	-5	-30	102	2	85	2
KN-SO-9540	-10	-20	-3000	-10	-100	32	6285	6	92	8	159	1	-1	-5	-30	43	-1	60	2
KN-SO-9541	-10	-20	4338	-10	-100	28	2690	5	28	-5	71	-1	-1	-5	-30	41	-1	47	3
KN-SO-9542	-10	-20	-3000	-10	-100	25	1723	6	18	-5	24	1	-1	-5	-30	43	1	44	2

9144RPT.XLS

Enzyme Leach Job #: 9144

Customer: Stratabound Minerals Corp.

Geologist: ----

Customer's Job #: CYGNET

Trace Element Values Are in Parts Per Billion. Negative Values Equal Not Detected at That Lower Limit.

Values = 999999 are greater than working range of instrument. S.Q. = That element is determined SEMIQUANTITATIVELY.

Sample ID:	S.Q.Li	S.Q.Be	S.Q.Cl	S.Q.Sc	S.Q.Ti	V	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Rb	Sr	Y
KN-SO-9543	-10	-20	-3000	-10	-100	40	3827	9	54	8	95	-1	-1	-5	-30	31	-1	60	2
KN-SO-9544	-10	-20	3960	10	-100	50	5699	24	64	10	376	2	-1	5	-30	-30	-1	65	4
KN-SO-9545	-10	-20	-3000	-10	-100	27	5035	12	87	15	305	3	-1	5	-30	133	-1	72	4
KN-SO-9546	-10	-20	6636	13	-100	15	5686	16	65	9	1129	3	-1	-5	49	91	4	255	17
KN-SO-9547	14	-20	-3000	14	-100	29	2478	24	135	23	300	8	-1	9	-30	-30	35	808	13
KN-SO-9548	-10	-20	-3000	-10	-100	14	2923	102	221	-5	162	-1	-1	-5	-30	36	12	86	-1
KN-SO-9549	-10	-20	4582	-10	-100	24	449	32	114	10	241	1	-1	-5	-30	76	3	56	2
KN-SO-9550	20	-20	-3000	-10	-100	31	687	46	133	22	1468	-1	-1	-5	-30	56	37	258	2
KN-SO-9551	16	-20	7705	15	-100	42	1245	75	300	60	652	1	-1	9	-30	102	22	468	4
KN-SO-9552	-10	-20	-3000	-10	-100	33	297	16	110	6	897	2	-1	-5	-30	191	28	88	3
KN-SO-9553	-10	-20	-3000	-10	-100	18	899	72	234	10	726	-1	-1	-5	-30	117	57	124	2
KN-SO-9554	-10	-20	-3000	-10	-100	23	284	50	276	18	430	-1	-1	-5	-30	72	82	132	5
KN-SO-9555	-10	-20	-3000	-10	-100	26	2193	108	435	28	148	-1	-1	-5	-30	36	13	45	2
KN-SO-9556	29	-20	-3000	-10	-100	18	619	68	362	22	500	-1	-1	-5	-30	-30	32	73	1
KN-SO-9557	-10	-20	6151	-10	-100	32	2562	110	401	26	351	3	-1	-5	-30	65	3	52	2
KN-SO-9558	-10	-20	-3000	-10	-100	39	935	35	230	18	216	7	-1	-5	-30	41	6	35	2
KN-SO-9559	-10	-20	4384	-10	-100	37	1179	53	140	-5	835	3	-1	-5	-30	46	3	165	-1
KN-SO-9560	-10	-20	-3000	-10	-100	9	3989	9	297	-5	1306	-1	-1	7	51	46	22	187	-1
KN-SO-9561	12	-20	4224	-10	-100	41	1590	24	289	10	358	2	-1	-5	-30	113	1	122	-1
KN-SO-9562	-10	-20	4010	-10	-100	26	1432	30	198	9	549	2	-1	-5	-30	-30	5	86	-1
KN-SO-9563	-10	-20	-3000	-10	-100	17	1892	30	70	6	2785	1	-1	10	-30	42	55	115	-1
KN-SO-9564	-10	-20	8561	-10	-100	30	1138	51	434	31	245	-1	1	7	-30	-30	11	66	5
KN-SO-9565	-10	-20	-3000	-10	-100	36	2328	36	164	7	1163	3	-1	-5	-30	57	5	71	-1
KN-SO-9566	-10	-20	6035	-10	-100	25	986	41	197	20	199	-1	-1	-5	-30	-30	12	50	1
KN-SO-9567	18	-20	7767	-10	-100	31	619	49	206	11	1361	-1	-1	-5	-30	91	48	126	1
KN-SO-9568	-10	-20	6343	-10	-100	53	537	24	111	12	954	-1	-1	6	-30	116	15	210	1
KN-SO-9569	13	-20	5369	-10	-100	37	1069	12	225	16	138	2	-1	7	-30	-30	7	111	3
KN-SO-9570	18	-20	7854	-10	-100	22	1852	100	225	15	472	1	-1	-5	-30	45	-1	90	3
KN-SO-9571	-10	-20	-3000	-10	-100	23	1182	90	207	9	811	-1	-1	-5	-30	-30	3	158	1
KN-SO-9572	-10	-20	8066	-10	-100	22	618	58	222	9	873	-1	-1	-5	-30	71	27	94	2
KN-SO-9573	14	-20	10156	-10	-100	36	852	47	179	22	1549	-1	-1	-5	-30	91	3	97	1
KN-SO-9574	-10	-20	4780	-10	-100	33	355	33	157	6	828	-1	-1	-5	-30	58	39	128	4
KN-SO-9575	10	-20	9860	-10	148	108	1082	43	165	17	325	4	-1	-5	-30	-30	4	87	1
KN-SO-9576	-10	-20	6448	-10	-100	17	1586	110	318	29	129	-1	-1	14	-30	42	6	91	2
KN-SO-9577	-10	-20	5181	-10	-100	8	564	56	474	-5	60	-1	-1	-5	-30	175	1	34	-1
KN-SO-9578	-10	-20	11796	-10	-100	24	692	63	241	-5	221	-1	-1	-5	-30	43	4	94	-1
KN-SO-9579	-10	-20	7471	-10	-100	31	229	57	274	-5	385	2	-1	-5	-30	69	5	86	2
KN-SO-9580	-10	-20	3912	-10	-100	18	957	64	167	7	667	-1	-1	-5	-30	84	4	147	-1
RA-SO-9501	14	-20	46465	-10	-100	71	9524	18	66	46	47	4	-1	11	-30	74	10	209	6
RA-SO-9502	-10	-20	33630	-10	-100	38	3507	6	25	10	18	-1	-1	-5	-30	123	-1	460	4
RA-SO-9503	-10	-20	8531	-10	-100	26	3381	8	27	10	20	1	-1	-5	-30	71	-1	352	5
RA-SO-9504	-10	-20	21504	-10	-100	28	4518	5	25	8	15	1	-1	-5	-30	130	-1	430	9



## 9144RPT.XLS

Enzyme Leach Job #: 9144

Customer: Stratabound Minerals Corp.

Geologist: ----

Customer's Job #: CYGNET

Trace Element Values Are in Parts Per Billion. Negative Values Equal Not Detected at That Lower Limit.

Values = 999999 are greater than working range of instrument. S.Q. = That element is determined SEMIQUANTITATIVELY.

Sample ID:	S.Q.Li	S.Q.Be	S.Q.Cl	S.Q.Sc	S.Q.Ti	V	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Rb	Sr	Y
RA-SO-9505	-10	-20	20488	-10	-100	18	1273	4	24	10	14	6	-1	-5	-30	104	-1	463	4
RA-SO-9506	-10	-20	5851	-10	-100	16	3332	6	29	5	121	1	-1	-5	-30	94	1	565	4
RA-SO-9507	11	-20	-3000	13	-100	27	2986	6	24	11	120	4	-1	-5	-30	77	-1	555	4
RA-SO-9508	-10	-20	6059	13	-100	20	2926	4	19	11	539	4	-1	-5	-30	151	-1	376	2
RA-SO-9509	-10	-20	-3000	14	-100	23	3348	5	18	6	412	6	-1	-5	-30	122	-1	276	4
RA-SO-9510	-10	-20	-3000	-10	-100	41	2062	3	25	-5	265	-1	-1	-5	-30	-30	-1	305	4
RA-SO-9511	-10	-20	-3000	-10	-100	42	989	2	25	22	7383	3	1	7	-30	66	4	286	5
RA-SO-9512	11	-20	30496	-10	-100	63	2792	7	44	11	668	2	-1	7	-30	100	-1	199	10
RA-SO-9513	-10	-20	-3000	-10	-100	60	2285	10	78	24	784	1	-1	8	-30	189	2	222	16
RP-SO-9521	25	-20	9866511	25	-100	188	2075	59	184	59	9464	-1	-1	6	-30	764	7	1379	2
RP-SO-9522	18	-20	10913095	42	-100	156	1966	15	28	21	982	4	-1	16	-30	718	8	3000	3
RP-SO-9523	-10	-20	217536	-10	-100	63	297	12	64	51	247	3	-1	12	-30	160	13	903	13
RP-SO-9524	41	-20	147037	-10	-100	53	1696	101	97	42	850	2	-1	12	-30	105	13	553	6
RP-SO-9525	13	-20	7935620	38	-100	153	1154	22	52	19	1244	4	-1	27	-30	765	8	1016	1
RP-SO-9526	12	-20	171688	13	-100	37	4041	81	90	19	1498	2	-1	35	-30	-30	28	1307	2
RP-SO-9527	21	-20	6863340	29	-100	105	5621	115	97	18	1123	3	-1	12	-30	346	31	1669	3
RP-SO-9528	24	-20	53796	-10	-100	33	2888	30	38	22	206	3	-1	10	-30	46	14	439	11
RP-SO-9529	26	-20	2876328	-10	-100	144	2445	45	109	31	3374	1	-1	27	-30	194	9	1616	3
RP-SO-9530	20	-20	1882180	-10	-100	29	1144	7	42	24	2098	-1	-1	-5	-30	177	45	574	1
RP-SO-9531	14	-20	735118	-10	-100	79	1144	22	66	10	2071	3	-1	-5	-30	188	24	522	2
RP-SO-9532	12	-20	1517771	-10	-100	102	614	11	50	7	745	-1	-1	10	-30	209	4	862	2
RP-SO-9533	10	-20	672815	-10	-100	139	2693	26	66	18	1486	2	-1	18	-30	167	2	466	-1
RP-SO-9534	24	-20	2802780	-10	-100	94	2288	20	59	24	658	-1	-1	17	-30	187	8	810	2
RP-SO-9535	14	-20	232891	-10	-100	68	631	32	55	31	1578	2	-1	11	-30	167	7	587	4
RP-SO-9536	13	-20	458444	-10	-100	69	517	16	44	24	685	1	-1	7	-30	95	1	522	2
RP-SO-9537	-10	-20	105910	-10	-100	48	1912	22	48	26	938	2	-1	17	-30	112	18	238	3
RP-SO-9538	11	-20	2539812	14	-100	105	12888	40	53	23	1882	4	-1	11	-30	224	2	781	2
RP-SO-9539	16	-20	238667	12	-100	167	3002	101	75	21	1370	5	1	24	-30	146	16	334	2
RP-SO-9540	-10	-20	47704	-10	-100	55	583	10	34	28	1093	1	-1	22	-30	-30	39	262	2
RP-SO-9541	21	-20	740533	-10	-100	92	1386	78	145	27	1508	2	-1	18	-30	115	7	685	3
RP-SO-9542	-10	-20	148098	-10	-100	168	2535	5	25	6	936	3	-1	13	-30	41	-1	262	-1
RP-SO-9543	11	-20	503262	-10	-100	157	467	12	54	11	313	2	-1	12	-30	132	-1	557	-1
RP-SO-9544	23	-20	9116	-10	-100	65	1201	52	77	23	855	3	-1	10	-30	72	11	683	2
RP-SO-9545	25	-20	163258	-10	-100	54	2338	47	80	26	604	6	-1	-5	-30	91	10	492	3
RP-SO-9546	19	-20	201366	-10	-100	88	692	12	48	24	158	4	-1	8	-30	121	26	675	7
RP-SO-9547	16	-20	612070	-10	-100	32	1135	34	74	21	839	-1	-1	-5	-30	132	4	557	4
RP-SO-9548	-10	-20	549499	-10	-100	47	1183	23	31	7	565	1	-1	5	-30	121	2	396	1
RP-SO-9549	12	-20	31616	-10	-100	247	331	8	46	5	519	3	1	28	-30	-30	10	406	-1
RP-SO-9550	22	-20	1245035	-10	-100	406	581	10	55	6	2237	3	-1	14	-30	140	3	646	-1
RP-SO-9551	17	-20	53225	-10	-100	113	2215	10	23	-5	501	1	-1	-5	-30	94	5	283	-1
RP-SO-9552	14	-20	47594	-10	-100	261	574	8	16	7	3033	2	-1	26	-30	-30	3	95	-1
RP-SO-9553	11	-20	27484	-10	-100	392	634	11	45	13	1290	1	-1	11	-30	119	37	691	2

## 9144RPT.XLS

Enzyme Leach Job #: 9144

Customer: Stratabound Minerals Corp.

Geologist: ----

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Trace Element Values Are in Parts Per Billion. Negative Values Equal Not Detected at That Lower Limit.

Values = 999999 are greater than working range of instrument. S.Q. = That element is determined SEMIQUANTITATIVELY.

Sample ID:	S.Q.Li	S.Q.Be	S.Q.Cl	S.Q.Sc	S.Q.Ti	V	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Rb	Sr	Y
RP-SO-9554	11	-20	102511	-10	-100	81	1182	10	54	14	753	2	-1	16	-30	99	71	690	2
RP-SO-9555	17	-20	-3000	-10	-100	452	438	7	24	8	562	4	1	21	-30	-30	8	203	-1
RP-SO-9556	16	-20	-3000	-10	-100	252	786	19	125	25	822	6	-1	74	-30	89	6	719	3
RP-SO-9557	-10	-20	-3000	19	101	158	224	17	98	19	1008	4	-1	18	-30	-30	11	1193	8
RP-SO-9558	-10	-20	135176	20	-100	224	376	5	1762	23	476	-1	1	41	-30	121	-1	952	3
RP-SO-9559	28	-20	107871	-10	-100	97	1772	21	154	40	4723	2	-1	21	-30	61	30	589	1
RP-SO-9560	25	-20	-3000	21	-100	64	9383	26	2470	34	3021	3	1	34	-30	63	22	938	14
RP-SO-9561	12	-20	36311	-10	-100	75	2674	11	49	24	1130	5	-1	9	-30	-30	7	919	1
RP-SO-9562	-10	-20	20638	24	-100	169	10281	33	99	50	632	5	-1	10	-30	51	3	1701	10
RP-SO-9563	16	-20	29172	-10	-100	543	1060	6	28	31	7015	3	-1	35	-30	-30	6	324	2
RP-SO-9564	17	-20	41872	15	-100	59	4911	105	36	40	809	4	-1	9	-30	-30	-1	681	8
RP-SO-9565	-10	-20	-3000	15	-100	39	1984	17	41	78	184	2	-1	9	68	64	10	1205	16
RP-SO-9566	12	-20	-3000	12	-100	67	395	12	33	28	235	3	-1	13	-30	37	16	1000	5
RP-SO-9567	11	-20	50435	-10	-100	45	1144	29	23	5	971	1	-1	10	-30	-30	15	686	1
RP-SO-9568	29	-20	3712	-10	-100	42	1191	53	50	37	2296	-1	-1	9	-30	35	11	505	3
RP-SO-9569	13	-20	18386	-10	-100	60	15439	144	70	10	1546	6	-1	10	-30	-30	7	370	-1
RP-SO-9570	27	-20	-3000	21	106	159	767	27	37	18	1779	7	1	13	-30	34	24	575	2
RP-SO-9571	12	-20	11820	-10	-100	27	1827	50	56	45	1285	-1	-1	7	-30	32	15	381	2
RP-SO-9572	10	-20	124522	-10	-100	94	239	6	28	13	1020	4	-1	8	-30	-30	21	544	-1
RP-SO-9573	13	-20	18594	-10	-100	85	693	29	97	21	1833	3	-1	8	-30	160	5	443	4
RP-SO-9574	16	-20	17341	13	-100	32	675	26	45	19	609	6	-1	-5	-30	-30	2	641	2
RP-SO-9575	15	-20	8975	-10	-100	41	2661	21	42	19	1607	4	-1	8	-30	47	-1	355	1
RP-SO-9576	-10	-20	66672	13	-100	43	2311	39	83	20	1058	1	-1	18	-30	32	43	720	5
RP-SO-9577	16	-20	88674	24	-100	173	3129	80	771	128	993	3	-1	51	-30	50	57	543	9
RP-SO-9578A	-10	-20	75030	-10	-100	58	3637	63	338	48	1617	1	-1	25	-30	-30	7	560	7
RP-SO-9578	MISSING																		
RP-SO-9579	13	-20	61770	11	-100	37	43546	137	65	35	835	3	-1	7	-30	82	46	292	4
RP-SO-9580	-10	-20	75099	10	-100	20	7058	54	56	49	1275	4	-1	6	-30	79	81	238	6
RP-SO-9581	13	-20	397095	14	-100	16	3037	68	46	30	2560	5	-1	-5	-30	73	42	406	4
RP-SO-9582	-10	-20	30683	12	-100	25	3669	74	45	26	2296	3	-1	-5	-30	-30	60	391	5
RP-SO-9583	-10	-20	138413	-10	-100	22	6717	47	37	18	3017	6	-1	-5	-30	-30	38	232	3
RP-SO-9584	17	-20	103969	30	-100	50	1657	90	83	58	1225	3	-1	13	-30	74	53	729	19
RP-SO-9585	16	-20	68241	-10	-100	13	2593	41	62	29	1317	-1	-1	6	-30	47	41	411	3
RP-SO-9586	34	-20	43531	-10	-100	27	1557	55	51	34	1722	4	-1	18	-30	38	13	1136	2
RP-SO-9587	-10	-20	3290	13	-100	24	9792	20	13	25	251	2	-1	6	-30	-30	74	364	3
RP-SO-9588	29	-20	40101	14	-100	21	10941	79	75	31	2404	4	-1	7	-30	38	13	808	2
RP-SO-9589	13	-20	25465	17	-100	37	2031	32	53	27	878	1	-1	10	-30	46	75	660	4
RP-SO-9590	MISSING																		
RP-SO-9591	15	-20	47516	12	-100	92	58611	89	56	29	4180	5	-1	15	-30	52	2	343	2
RP-SO-9592	-10	-20	911442	26	-100	19	49511	58	31	19	2388	15	-1	-5	-30	81	62	497	1
RP-SO-9593	16	-20	682020	14	-100	22	14840	68	43	26	3141	5	-1	8	-30	50	9	230	1
RP-SO-9594	15	-20	495435	20	-100	30	12894	105	52	20	1835	3	-1	17	-30	42	27	1066	2

## 9144RPT.XLS

Enzyme Leach Job #: 9144

Customer: Stratabound Minerals Corp.

Geologist: ----

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Trace Element Values Are in Parts Per Billion. Negative Values Equal Not Detected at That Lower Limit.

Values = 999999 are greater than working range of instrument. S.Q. = That element is determined SEMIQUANTITATIVELY.

Sample ID:	S.Q.Li	S.Q.Be	S.Q.Cl	S.Q.Sc	S.Q.Ti	V	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Rb	Sr	Y
RP-SO-9595	15	-20	129364	-10	-100	23	18560	70	26	25	914	7	-1	-5	-30	57	37	207	-1
RP-SO-9596	-10	-20	156011	-10	-100	47	7928	48	55	18	2504	4	-1	-5	-30	-30	69	465	-1
RP-SO-9597	20	-20	129741	-10	-100	53	3454	51	22	13	1656	4	-1	-5	-30	58	26	489	1
RP-SO-9598	-10	-20	256102	-10	-100	36	8767	33	17	13	925	2	-1	-5	-30	-30	113	955	-1
RP-SO-9599	-10	-20	42868	14	-100	41	2457	31	16	20	1250	4	-1	-5	-30	-30	113	237	2
RP-SO-95100	-10	-20	44698	13	-100	45	2465	30	17	22	2212	7	-1	-5	-30	31	96	208	2
RP-SO-95101	22	-20	107764	10	-100	42	2469	122	42	23	3062	3	-1	-5	-30	-30	38	482	2
RP-SO-95102	-10	-20	65843	30	-100	100	2274	45	17	11	361	-1	-1	-5	51	54	69	1484	3
RP-SO-95103	13	-20	44509	26	-100	27	1035	61	60	19	1557	-1	-1	-5	-30	106	90	997	2
RP-SO-95104	17	-20	316790	24	-100	28	1952	17	158	129	147	3	-1	16	-30	89	2	3197	11
RP-SO-95105	-10	-20	39412	32	-100	16	11327	400	388	52	2924	4	-1	-5	-30	69	50	1403	65
RP-SO-95106	-10	-20	7110	14	-100	27	10516	368	455	68	3887	3	-1	6	-30	-30	90	648	21
RP-SO-95107	12	-20	78650	22	-100	15	28573	1038	300	218	3419	9	-1	-5	-30	43	81	292	166
RP-SO-95108	-10	-20	-3000	26	-100	49	3186	76	301	61	4182	1	-1	20	-30	35	94	1165	99
RP-SO-95109	-10	-20	298711	23	-100	33	23456	688	2286	64	8275	9	-1	-5	-30	94	85	1260	40
RP-SO-95110	74	-20	882644	28	-100	47	637	22	203	19	471	-1	-1	12	-30	222	4	3035	9
RP-SO-95111	11	-20	300701	29	-100	41	26872	645	607	77	5424	9	-1	9	-30	-30	47	686	29
RP-SO-95112	10	-20	31362	27	-100	32	9214	80	74	27	3381	4	-1	-5	-30	79	60	329	4
RP-SO-95113	-10	-20	75514	45	-100	38	23111	270	229	58	3333	9	-1	15	-30	45	46	570	15
RP-SO-95114	11	-20	215754	18	-100	26	22563	50	42	29	1660	6	-1	-5	-30	52	120	448	3
RP-SO-95115	-10	-20	32938	15	-100	25	10710	44	27	30	1650	8	-1	-5	-30	94	84	145	4
RP-SO-95201	-10	-20	487240	10	-100	15	5922	67	73	38	2374	3	-1	6	-30	46	48	771	2
RP-SO-95202	13	-20	25836	17	-100	14	13276	45	47	43	1982	4	-1	8	-30	36	65	374	2
RP-SO-95203	-10	-20	163251	17	-100	75	586	15	27	15	310	2	-1	26	-30	-30	10	1839	2
RP-SO-95204	31	-20	54260	14	-100	84	349	29	28	22	1227	-1	-1	8	-30	-30	16	1093	2
RP-SO-95205	-10	-20	238886	13	-100	28	1041	33	26	19	1026	3	-1	-5	-30	70	8	965	3
RP-SO-95206	34	-20	34312	21	-100	49	10327	80	72	54	1273	8	-1	15	-30	73	13	1819	7
RP-SO-95207	19	-20	202937	-10	-100	19	1696	18	54	60	467	2	-1	12	-30	112	8	1881	6
RP-SO-95208	20	-20	16839	30	-100	9	1150	84	197	105	1146	1	-1	9	-30	171	2	1663	21
RP-SO-95209	-10	-20	13903	27	-100	52	885	22	34	87	220	-1	-1	16	-30	104	24	4175	14
RP-SO-95210	-10	-20	5965	24	-100	33	754	14	79	105	724	4	-1	8	-30	89	27	1684	11
RP-SO-95211	24	-20	7518	13	-100	10	1418	33	44	40	1295	-1	-1	6	-30	-30	23	752	4
RP-SO-95212	19	-20	15298	17	-100	43	2459	36	20	23	649	2	-1	-5	-30	-30	5	596	4
RP-SO-95213	20	-20	11423	15	-100	40	481	24	52	14	928	1	-1	-5	-30	76	30	592	2
RP-SO-95214	19	-20	-3000	27	-100	51	329	22	33	32	942	4	-1	6	-30	-30	44	1147	5

9144RPT.XLS

Enzyme Leach Job #: 9144

Trace Element Values Are in Parts P

Values = 999999 are greater than

Sample ID:	Zr	Nb	Mo	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
KN-SO-9501	-1	-1	26	-1	-1	-1	1.4	8.2	-0.2	-1	8	-1	43	-1	9017	3	4	-1	3	-1	3	1	-1	-1	-1	-1	-1
KN-SO-9502	21	-1	14	-1	-1	-1	-0.2	9.9	-0.2	-1	15	1	48	-1	11608	8	8	2	10	2	5	3	-1	3	-1	2	-1
KN-SO-9503	-1	-1	9	-1	-1	-1	-0.2	2.9	-0.2	-1	2	-1	38	-1	858	7	10	1	4	-1	-1	1	-1	1	-1	-1	-1
KN-SO-9504	-1	-1	5	-1	-1	-1	1.5	10.9	-0.2	-1	1	-1	32	-1	148	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9505	-1	-1	-1	-1	-1	-1	-0.2	3.3	-0.2	-1	-1	-1	21	-1	554	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9506	-1	-1	4	-1	-1	-1	0.4	6.2	-0.2	-1	9	-1	55	-1	114	4	6	-1	4	-1	-1	-1	-1	1	-1	-1	-1
KN-SO-9507	-1	-1	3	-1	-1	-1	0.6	13.0	-0.2	-1	17	-1	45	-1	144	3	5	-1	2	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9508	-1	-1	2	-1	-1	-1	0.6	2.2	-0.2	-1	7	-1	52	-1	84	2	3	-1	2	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9509	-1	-1	3	-1	-1	-1	2.3	8.2	-0.2	-1	6	-1	46	-1	122	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9510	-1	-1	1	-1	-1	-1	0.4	4.8	-0.2	-1	3	-1	56	-1	91	3	3	-1	3	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9511	-1	-1	3	-1	-1	-1	1.0	4.4	-0.2	-1	1	-1	43	-1	26	1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9512	-1	-1	-1	-1	-1	-1	1.5	13.0	-0.2	-1	1	-1	29	-1	117	2	3	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9513	-1	-1	2	-1	-1	-1	1.2	3.3	-0.2	-1	1	-1	22	-1	81	3	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9514	-1	-1	-1	-1	-1	-1	-0.2	7.3	-0.2	-1	-1	-1	32	-1	295	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9515	-1	1	-1	-1	-1	-1	-0.2	1.8	-0.2	-1	-1	-1	37	-1	634	1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9516	-1	-1	-1	-1	-1	-1	0.6	3.7	-0.2	-1	5	-1	52	-1	226	21	35	5	18	3	-1	3	-1	2	-1	-1	-1
KN-SO-9517	-1	1	-1	-1	-1	-1	-0.2	6.9	-0.2	-1	2	-1	34	-1	757	3	6	-1	3	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9518	-1	-1	-1	-1	-1	-1	-0.2	4.4	-0.2	-1	-1	-1	25	-1	279	1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9519	-1	-1	-1	-1	-1	-1	-0.2	21.4	-0.2	-1	-1	-1	44	-1	1066	3	7	-1	3	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9520	-1	-1	-1	-1	-1	-1	2.1	10.6	-0.2	-1	4	-1	49	-1	1647	2	4	-1	2	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9521	-1	-1	-1	-1	-1	-1	0.6	13.3	-0.2	-1	5	-1	71	-1	1802	3	6	-1	3	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9522	-1	-1	-1	-1	-1	-1	2.5	29.8	-0.2	-1	9	-1	87	-1	781	3	7	-1	3	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9523	68	2	-1	-1	-1	-1	-0.2	21.1	-0.2	1	3	-1	35	11	1054	21	52	5	20	2	1	4	-1	3	-1	-1	-1
KN-SO-9524	-1	-1	1	-1	-1	-1	-0.2	11.0	-0.2	-1	3	-1	50	-1	3859	3	11	1	5	-1	2	2	-1	1	-1	-1	-1
KN-SO-9525	-1	-1	-1	-1	-1	-1	-0.2	3.3	-0.2	-1	-1	-1	42	-1	3935	1	3	-1	-1	-1	2	-1	-1	-1	-1	-1	-1
KN-SO-9526	-1	-1	-1	-1	-1	-1	-0.2	11.0	-0.2	-1	-1	-1	33	-1	582	1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9527	-1	-1	-1	-1	-1	-1	-0.2	21.2	-0.2	-1	-1	-1	37	-1	691	6	10	1	5	-1	-1	1	-1	-1	-1	-1	-1
KN-SO-9528	10	-1	2	-1	-1	-1	0.8	8.4	-0.2	-1	-1	-1	51	-1	38	2	3	-1	2	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9529	-1	-1	-1	-1	-1	-1	1.1	4.0	-0.2	-1	-1	-1	47	-1	40	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9530	-1	-1	-1	-1	-1	-1	-0.2	6.1	-0.2	-1	-1	-1	42	-1	79	3	5	-1	3	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9531	10	1	-1	-1	-1	-1	-0.2	27.4	-0.2	-1	-1	-1	51	-1	133	14	25	3	13	2	-1	3	-1	3	-1	1	-1
KN-SO-9532	-1	-1	-1	-1	-1	-1	-0.2	10.1	-0.2	-1	-1	-1	36	-1	179	9	10	2	6	1	-1	2	-1	1	-1	-1	-1
KN-SO-9533	-1	-1	-1	-1	-1	-1	0.4	4.8	-0.2	-1	1	-1	35	-1	120	7	8	2	6	-1	-1	1	-1	1	-1	-1	-1
KN-SO-9534																											
KN-SO-9535	-1	1	-1	-1	-1	-1	-0.2	4.6	-0.2	-1	-1	-1	24	-1	822	2	3	-1	1	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9536	-1	-1	-1	-1	-1	-1	-0.2	2.0	-0.2	-1	-1	-1	19	-1	1176	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9537	-1	-1	-1	-1	-1	-1	0.4	2.6	-0.2	-1	-1	1	29	-1	47	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9538	-1	-1	-1	-1	-1	-1	0.4	3.3	-0.2	-1	-1	-1	33	-1	75	1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9539	-1	-1	-1	-1	-1	-1	0.6	1.4	-0.2	-1	-1	1	20	-1	324	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9540	-1	-1	-1	-1	-1	-1	0.6	5.4	-0.2	-1	6	-1	35	-1	84	1	4	-1	1	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9541	-1	-1	-1	-1	-1	-1	0.4	0.7	-0.2	-1	3	1	36	-1	83	2	3	-1	1	-1	-1	-1	-1	-1	-1	-1	-1
KN-SO-9542	-1	-1	-1	-1	-1	-1	0.6	0.7	-0.2	-1	2	-1	22	-1	78	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1

9144RPT.XLS

Enzyme Leach Job #: 9144

Trace Element Values Are in Parts P

Values = 999999 are greater than

Sample ID:	Zr	Nb	Mo	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
KN-SO-9543	-1	-1	-1	-1	-1	-1	0.8	2.2	-0.2	-1	18	-1	48	-1	90	1	3	-1	-1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9544	7	-1	2	-1	-1	-1	0.5	4.9	-0.2	-1	3	-1	58	-1	154	2	3	-1	2	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9545	1	-1	1	-1	-1	-1	0.5	8.3	-0.2	-1	4	1	60	-1	307	2	3	-1	2	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9546	-1	-1	-1	-1	-1	-1	-0.2	33.9	-0.2	-1	4	-1	71	-1	2372	8	11	2	10	2	2	3	-1	3	-1	-1	
KN-SO-9547	31	2	-1	-1	-1	1	-0.2	1.4	-0.2	2	4	-1	50	4	1039	5	12	3	7	-1	-1	2	-1	2	-1	-1	
KN-SO-9548	-1	-1	-1	-1	-1	-1	-0.2	0.5	-0.2	-1	-1	-1	34	-1	1018	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9549	-1	-1	-1	-1	-1	-1	-0.2	1.0	-0.2	-1	-1	-1	41	-1	266	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9550	-1	-1	-1	-1	-1	-1	-0.2	1.7	-0.2	-1	-1	-1	34	-1	1016	-1	1	-1	1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9551	-1	-1	-1	-1	-1	-1	-0.2	13.8	-0.2	-1	4	-1	47	-1	379	1	3	-1	2	-1	-1	1	-1	1	-1	-1	
KN-SO-9552	-1	1	-1	-1	-1	-1	-0.2	5.9	-0.2	-1	-1	-1	52	-1	510	-1	2	-1	2	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9553	-1	-1	-1	-1	-1	-1	-0.2	3.5	-0.2	-1	-1	-1	49	-1	802	-1	2	-1	1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9554	-1	-1	-1	-1	-1	-1	-0.2	2.4	-0.2	-1	-1	-1	53	-1	544	1	2	-1	3	-1	-1	-1	-1	1	-1	-1	
KN-SO-9555	-1	-1	-1	-1	-1	-1	-0.2	0.6	-0.2	-1	-1	-1	47	-1	250	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9556	-1	-1	-1	-1	-1	-1	-0.2	0.6	-0.2	-1	-1	-1	32	-1	796	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9557	-1	-1	-1	-1	-1	-1	-0.2	0.5	-0.2	-1	-1	-1	35	-1	245	-1	2	-1	1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9558	-1	-1	-1	-1	-1	-1	-0.2	0.3	-0.2	-1	-1	-1	33	-1	187	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9559	-1	-1	-1	-1	-1	-1	-0.2	1.4	-0.2	-1	-1	-1	31	-1	1527	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9560	-1	-1	-1	-1	-1	-1	-0.2	1.0	-0.2	-1	-1	-1	32	-1	1453	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9561	129	-1	-1	-1	-1	-1	-0.2	1.0	-0.2	-1	-1	-1	46	-1	1173	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9562	-1	-1	-1	-1	-1	-1	-0.2	1.3	-0.2	-1	-1	-1	39	-1	842	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9563	-1	-1	-1	-1	-1	-1	-0.2	1.0	-0.2	-1	-1	-1	27	-1	1269	-1	3	-1	-1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9564	-1	-1	-1	-1	-1	-1	-0.2	0.3	-0.2	-1	-1	-1	38	-1	287	2	3	-1	2	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9565	-1	-1	-1	-1	-1	-1	-0.2	1.2	-0.2	-1	-1	-1	29	-1	677	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9566	-1	-1	-1	-1	-1	-1	-0.2	-0.2	-0.2	-1	-1	-1	28	-1	470	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9567	-1	-1	-1	-1	-1	-1	-0.2	1.7	-0.2	-1	-1	-1	34	-1	2264	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9568	-1	-1	-1	-1	-1	-1	-0.2	2.4	-0.2	-1	-1	-1	26	-1	884	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9569	-1	-1	-1	-1	-1	-1	-0.2	0.8	-0.2	-1	1	-1	30	-1	1626	-1	1	-1	2	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9570	-1	-1	-1	-1	-1	-1	-0.2	5.2	-0.2	-1	-1	1	18	-1	1178	-1	3	-1	2	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9571	-1	-1	-1	-1	-1	-1	-0.2	6.1	-0.2	-1	-1	-1	24	-1	1902	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9572	-1	-1	-1	-1	-1	-1	-0.2	2.6	-0.2	-1	-1	-1	41	-1	937	-1	2	-1	1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9573	-1	-1	-1	-1	-1	-1	-0.2	7.7	-0.2	-1	-1	-1	21	-1	939	-1	2	-1	1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9574	-1	-1	-1	-1	-1	-1	-0.2	3.9	-0.2	-1	-1	-1	28	-1	1380	1	3	-1	2	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9575	-1	5	-1	-1	-1	-1	-0.2	1.7	-0.2	-1	-1	-1	18	-1	1242	1	2	-1	1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9576	-1	-1	-1	-1	-1	-1	-0.2	2.1	-0.2	-1	-1	-1	29	-1	209	-1	5	-1	1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9577	-1	-1	-1	-1	-1	-1	-0.2	0.4	-0.2	-1	-1	-1	20	-1	154	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9578	-1	-1	-1	-1	-1	-1	-0.2	0.8	-0.2	-1	-1	-1	27	-1	739	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9579	-1	-1	-1	-1	-1	-1	-0.2	0.8	-0.2	-1	-1	-1	21	-1	957	-1	2	-1	1	-1	-1	-1	-1	-1	-1	-1	
KN-SO-9580	-1	-1	-1	-1	-1	-1	-0.2	1.2	-0.2	-1	-1	-1	30	-1	1043	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
RA-SO-9501	-1	-1	18	-1	-1	-1	1.0	1.0	-0.2	-1	14	-1	41	1	5970	5	13	1	6	-1	2	2	-1	-1	-1	-1	
RA-SO-9502	-1	-1	-1	-1	-1	-1	-0.2	0.8	-0.2	-1	3	-1	44	-1	270	2	7	-1	3	-1	-1	1	-1	-1	-1	-1	
RA-SO-9503	-1	-1	-1	-1	-1	-1	-0.2	1.4	-0.2	-1	2	-1	32	-1	272	2	8	-1	3	-1	-1	-1	-1	-1	-1	-1	
RA-SO-9504	-1	-1	-1	-1	-1	-1	-0.2	1.5	-0.2	-1	3	-1	45	-1	206	3	5	1	5	1	-1	2	-1	2	-1	-1	

## 9144RPT.XLS

Enzyme Leach Job #: 9144

Trace Element Values Are in Parts P

Values = 999999 are greater than

Sample ID:	Zr	Nb	Mo	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
RA-SO-9505	-1	-1	-1	-1	-1	-1	-0.2	1.5	-0.2	-1	2	-1	40	-1	159	2	2	-1	3	-1	-1	-1	-1	-1	-1	-1	
RA-SO-9506	-1	-1	-1	-1	-1	-1	-0.2	4.5	-0.2	-1	-1	-1	29	-1	503	2	4	-1	2	-1	-1	-1	-1	-1	-1	-1	
RA-SO-9507	-1	-1	8	-1	-1	-1	-0.2	6.1	-0.2	-1	4	-1	42	-1	1980	2	4	-1	2	-1	-1	-1	-1	-1	-1	-1	
RA-SO-9508	18	-1	7	-1	-1	-1	0.3	10.2	-0.2	-1	2	-1	31	-1	3742	2	3	-1	2	-1	1	-1	-1	-1	-1	-1	
RA-SO-9509	-1	-1	4	-1	-1	-1	-0.2	4.4	-0.2	-1	2	-1	31	-1	1712	2	3	-1	2	-1	-1	-1	-1	-1	-1	-1	
RA-SO-9510	10	-1	4	-1	-1	-1	0.9	8.2	-0.2	-1	2	-1	30	-1	1410	3	4	-1	3	-1	-1	-1	-1	-1	-1	-1	
RA-SO-9511	27	-1	7	-1	-1	-1	0.7	44.4	-0.2	-1	6	1	18	-1	5691	3	2	-1	3	-1	2	-1	-1	-1	-1	-1	
RA-SO-9512	11	-1	4	-1	-1	-1	-0.2	8.2	-0.2	-1	6	-1	29	-1	3717	5	6	1	5	1	2	1	-1	1	-1	-1	
RA-SO-9513	24	-1	9	-1	-1	-1	-0.2	13.4	-0.2	-1	6	-1	46	-1	3139	8	11	2	8	1	1	2	-1	2	-1	-1	
RP-SO-9521	2	-1	1	-1	-1	-1	26.4	639.9	-0.2	-1	-1	-1	40	-1	9055	1	2	-1	-1	-1	3	-1	-1	-1	-1	-1	
RP-SO-9522	10	1	7	-1	-1	-1	0.4	15.2	-0.2	-1	-1	-1	131	-1	4179	1	3	-1	2	-1	2	-1	-1	-1	-1	-1	
RP-SO-9523	29	-1	4	-1	-1	-1	-0.2	6.4	-0.2	-1	4	-1	60	-1	3934	4	6	1	7	2	2	3	-1	2	-1	-1	
RP-SO-9524	33	2	3	-1	-1	-1	-0.2	34.2	-0.2	-1	1	-1	18	-1	4312	6	11	2	6	1	2	2	-1	2	-1	-1	
RP-SO-9525	15	1	8	-1	-1	-1	0.8	36.6	-0.2	-1	2	-1	130	-1	3067	2	3	-1	-1	-1	-1	-1	-1	-1	-1	-1	
RP-SO-9526	13	-1	82	-1	-1	-1	-0.2	16.2	-0.2	-1	2	-1	33	-1	9949	1	2	-1	1	-1	3	-1	-1	-1	-1	-1	
RP-SO-9527	2	-1	5	-1	-1	-1	2.3	32.3	-0.2	-1	-1	-1	33	-1	12906	2	2	-1	1	-1	4	-1	-1	-1	-1	-1	
RP-SO-9528	31	-1	1	-1	-1	-1	-0.2	2.6	-0.2	-1	9	-1	49	-1	6218	5	13	2	10	3	3	3	-1	3	-1	1	-1
RP-SO-9529	22	-1	6	-1	-1	-1	0.6	53.7	-0.2	-1	3	-1	27	-1	52529	8	5	1	4	-1	18	-1	-1	-1	-1	-1	
RP-SO-9530	6	-1	8	-1	-1	-1	2.7	28.8	-0.2	-1	-1	1	37	-1	38758	4	1	-1	1	-1	12	-1	-1	-1	-1	-1	
RP-SO-9531	13	-1	8	-1	-1	-1	-0.2	27.9	-0.2	-1	-1	-1	41	-1	10262	2	3	-1	2	-1	3	-1	-1	-1	-1	-1	
RP-SO-9532	19	1	4	-1	-1	-1	0.4	7.9	-0.2	-1	1	-1	41	-1	2896	2	3	-1	1	-1	-1	-1	-1	-1	-1	-1	
RP-SO-9533	10	1	6	-1	-1	-1	-0.2	27.9	-0.2	-1	2	-1	32	-1	3797	2	2	-1	1	-1	1	-1	-1	-1	-1	-1	
RP-SO-9534	12	-1	7	-1	-1	-1	-0.2	2.8	-0.2	-1	2	-1	30	-1	5860	2	3	-1	2	-1	2	-1	-1	-1	-1	-1	
RP-SO-9535	14	-1	3	-1	-1	-1	-0.2	27.7	-0.2	-1	2	-1	36	-1	11728	3	6	-1	3	-1	4	-1	-1	-1	-1	-1	
RP-SO-9536	10	1	-1	-1	-1	-1	-0.2	10.3	-0.2	-1	-1	-1	16	-1	5422	1	2	-1	1	-1	1	-1	-1	-1	-1	-1	
RP-SO-9537	15	-1	-1	-1	-1	-1	-0.2	5.9	-0.2	-1	2	-1	39	-1	11458	3	2	-1	3	-1	3	1	-1	-1	-1	-1	
RP-SO-9538	15	1	17	-1	-1	-1	0.8	15.4	-0.2	-1	2	-1	32	-1	12224	2	1	-1	2	-1	4	-1	-1	-1	-1	-1	
RP-SO-9539	19	2	19	-1	-1	-1	-0.2	14.5	-0.2	-1	3	-1	25	-1	9257	3	4	2	2	-1	3	-1	-1	-1	-1	-1	
RP-SO-9540	18	-1	38	-1	-1	-1	-0.2	10.7	-0.2	-1	7	-1	34	-1	14212	3	3	-1	2	-1	6	-1	-1	-1	-1	-1	
RP-SO-9541	12	1	5	-1	-1	-1	-0.2	69.4	-0.2	-1	1	-1	28	-1	6967	2	3	-1	2	-1	2	-1	-1	-1	-1	-1	
RP-SO-9542	-1	-1	35	-1	-1	-1	-0.2	8.4	-0.2	-1	2	-1	-10	-1	1123	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
RP-SO-9543	8	-1	34	-1	-1	-1	-0.2	14.0	-0.2	-1	1	-1	20	-1	2095	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
RP-SO-9544	12	1	8	-1	-1	-1	-0.2	23.0	-0.2	-1	-1	-1	25	-1	6599	2	3	-1	2	-1	2	-1	-1	-1	-1	-1	
RP-SO-9545	16	1	5	-1	-1	-1	-0.2	11.5	-0.2	-1	2	-1	21	-1	4664	3	4	-1	3	-1	2	1	-1	-1	-1	-1	
RP-SO-9546	24	2	3	-1	-1	-1	-0.2	5.5	-0.2	-1	-1	-1	27	1	2383	3	16	1	5	2	1	2	-1	1	-1	-1	
RP-SO-9547	15	-1	-1	-1	-1	-1	-0.2	81.7	-0.2	-1	-1	-1	34	-1	5767	2	4	-1	2	-1	2	-1	-1	-1	-1	-1	
RP-SO-9548	5	1	3	-1	-1	-1	-0.2	30.9	-0.2	-1	-1	-1	16	-1	2720	1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
RP-SO-9549	27	2	29	-1	-1	-1	-0.2	6.9	-0.2	1	2	-1	13	-1	1377	1	3	-1	-1	-1	-1	-1	-1	-1	-1	-1	
RP-SO-9550	9	1	19	-1	-1	-1	-0.2	21.2	-0.2	-1	2	1	26	-1	5004	2	1	-1	-1	-1	2	-1	-1	-1	-1	-1	
RP-SO-9551	9	-1	6	-1	-1	-1	-0.2	4.3	-0.2	-1	1	-1	26	-1	5030	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	
RP-SO-9552	33	2	21	-1	-1	-1	-0.2	6.4	-0.2	-1	3	1	23	-1	2359	1	4	-1	2	-1	-1	-1	-1	-1	-1	-1	
RP-SO-9553	10	-1	19	-1	-1	-1	-0.2	14.4	-0.2	-1	3	2	58	-1	6440	3	2	-1	2	-1	2	-1	-1	-1	-1	-1	

9144RPT.XLS

Enzyme Leach Job #: 9144

Trace Element Values Are in Parts P

Values = 999999 are greater than

Sample ID:	Zr	Nb	Mo	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
RP-SO-9554	7	-1	17	-1	-1	-1	-0.2	4.5	-0.2	-1	3	-1	35	-1	15355	4	1	-1	2	-1	5	-1	-1	-1	-1	-1	-1
RP-SO-9555	14	1	60	-1	-1	-1	-0.2	4.0	-0.2	1	3	1	15	-1	2001	2	10	1	2	-1	-1	-1	-1	-1	-1	-1	-1
RP-SO-9556	24	2	55	-1	-1	-1	-0.2	6.5	-0.2	1	8	1	57	-1	4979	3	5	-1	4	-1	2	-1	-1	-1	-1	-1	-1
RP-SO-9557	16	2	24	-1	-1	-1	-0.2	4.9	-0.2	-1	2	-1	37	-1	5417	2	4	-1	2	-1	2	-1	-1	-1	-1	-1	-1
RP-SO-9558	10	-1	296	-1	-1	-1	-0.2	2.3	-0.2	-1	53	-1	35	-1	1486	1	2	-1	2	-1	-1	-1	-1	-1	-1	-1	-1
RP-SO-9559	12	-1	27	-1	-1	-1	-0.2	56.4	-0.2	-1	2	-1	30	-1	4722	1	2	-1	1	-1	2	-1	-1	-1	-1	-1	-1
RP-SO-9560	25	-1	54	-1	-1	-1	-0.2	72.7	-0.2	-1	11	-1	55	-1	2697	2	6	1	6	3	1	3	-1	2	-1	-1	-1
RP-SO-9561	4	1	6	-1	-1	-1	-0.2	17.9	-0.2	-1	1	-1	24	-1	2448	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
RP-SO-9562	6	-1	32	-1	-1	-1	-0.2	12.5	-0.2	-1	2	1	43	-1	2399	2	5	-1	3	1	1	1	-1	1	-1	-1	-1
RP-SO-9563	24	-1	22	-1	-1	-1	-0.2	26.5	-0.2	-1	12	-1	22	-1	2840	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
RP-SO-9564	7	-1	5	-1	-1	-1	-0.2	12.4	-0.2	-1	1	1	31	-1	6289	5	12	2	8	2	3	3	-1	2	-1	-1	-1
RP-SO-9565	17	-1	4	-1	-1	-1	-0.2	5.4	-0.2	-1	2	1	82	-1	2981	7	10	2	11	2	2	3	-1	3	-1	1	-1
RP-SO-9566	22	1	7	-1	-1	-1	-0.2	5.1	-0.2	1	2	-1	35	-1	3167	3	5	-1	4	-1	1	1	-1	1	-1	-1	-1
RP-SO-9567	5	-1	-1	-1	-1	-1	-0.2	11.9	-0.2	-1	-1	-1	24	-1	2424	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
RP-SO-9568	16	-1	-1	-1	-1	-1	-0.2	27.2	-0.2	-1	2	-1	22	-1	2943	2	5	-1	3	-1	1	-1	-1	-1	-1	-1	-1
RP-SO-9569	8	-1	2	-1	-1	-1	-0.2	65.7	-0.2	-1	1	1	23	-1	2900	1	2	-1	2	-1	-1	-1	-1	-1	-1	-1	-1
RP-SO-9570	74	5	11	-1	-1	-1	-0.2	29.6	-0.2	2	2	-1	23	1	2495	3	2	-1	2	-1	-1	-1	-1	-1	-1	-1	-1
RP-SO-9571	8	-1	5	-1	-1	-1	-0.2	37.3	-0.2	-1	2	1	23	-1	2137	1	3	-1	1	-1	-1	-1	-1	-1	-1	-1	-1
RP-SO-9572	10	1	5	-1	-1	-1	-0.2	5.5	-0.2	-1	1	-1	21	-1	1363	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
RP-SO-9573	4	1	2	-1	-1	-1	-0.2	38.9	-0.2	-1	2	-1	45	-1	4130	2	2	-1	1	-1	2	-1	-1	-1	-1	-1	-1
RP-SO-9574	6	-1	-1	-1	-1	-1	-0.2	4.0	-0.2	-1	1	-1	22	-1	2797	1	2	-1	2	-1	-1	-1	-1	-1	-1	-1	-1
RP-SO-9575	4	-1	1	-1	-1	-1	-0.2	59.4	-0.2	-1	-1	-1	19	-1	2716	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1
RP-SO-9576	12	-1	-1	-1	-1	1	-0.2	46.3	-0.2	-1	1	-1	33	-1	5059	4	5	-1	3	-1	2	1	-1	1	-1	-1	-1
RP-SO-9577	11	-1	110	-1	-1	-1	-0.2	15.2	-0.2	-1	28	1	12	-1	1842	2	6	-1	4	1	-1	1	-1	1	-1	-1	-1
RP-SO-9578A	16	-1	11	-1	-1	-1	-0.2	44.9	-0.2	-1	7	-1	24	-1	9918	3	5	-1	3	1	4	1	-1	1	-1	-1	-1
RP-SO-9578																											
RP-SO-9579	12	-1	-1	-1	-1	-1	-0.2	6.7	-0.2	-1	-1	-1	26	-1	6449	3	5	-1	4	-1	2	1	-1	-1	-1	-1	-1
RP-SO-9580	9	-1	-1	-1	-1	-1	-0.2	10.2	-0.2	-1	-1	-1	24	-1	6961	5	9	-1	5	2	3	2	-1	1	-1	-1	-1
RP-SO-9581	-1	-1	-1	-1	-1	-1	-0.2	40.4	-0.2	-1	-1	-1	18	-1	8695	3	4	-1	3	1	3	-1	-1	-1	-1	-1	-1
RP-SO-9582	5	-1	-1	-1	-1	-1	-0.2	6.2	-0.2	-1	-1	-1	25	-1	7210	3	7	-1	4	1	2	1	-1	1	-1	-1	-1
RP-SO-9583	7	-1	-1	-1	-1	-1	-0.2	8.5	-0.2	-1	-1	-1	27	-1	6155	2	3	-1	2	-1	2	-1	-1	-1	-1	-1	-1
RP-SO-9584	32	-1	-1	-1	-1	-1	-0.2	10.6	-0.2	-1	2	-1	39	-1	13684	10	26	4	19	5	5	7	-1	5	-1	1	-1
RP-SO-9585	6	-1	-1	-1	-1	-1	-0.2	21.6	-0.2	-1	1	-1	22	-1	8943	2	4	-1	2	-1	3	1	-1	-1	-1	-1	-1
RP-SO-9586	16	-1	-1	-1	-1	-1	-0.2	10.9	-0.2	-1	2	-1	38	-1	4984	2	4	-1	2	-1	2	-1	-1	-1	-1	-1	-1
RP-SO-9587	-1	-1	-1	-1	-1	-1	-0.2	1.7	-0.2	-1	-1	1	21	-1	2723	2	5	-1	2	1	-1	-1	-1	-1	-1	-1	-1
RP-SO-9588	10	-1	-1	-1	-1	-1	-0.2	14.3	-0.2	-1	-1	-1	44	-1	7459	2	3	-1	3	-1	3	-1	-1	-1	-1	-1	-1
RP-SO-9589	28	-1	-1	-1	-1	-1	-0.2	5.7	-0.2	-1	2	-1	55	-1	6068	4	6	1	4	-1	2	-1	-1	-1	-1	-1	-1
RP-SO-9590																											
RP-SO-9591	22	1	-1	-1	-1	-1	-0.2	9.9	-0.2	-1	1	-1	39	-1	1855	1	2	-1	1	-1	-1	-1	-1	-1	-1	-1	-1
RP-SO-9592	8	-1	-1	-1	-1	-1	-0.2	10.5	-0.2	-1	-1	-1	31	-1	2696	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
RP-SO-9593	2	-1	-1	-1	-1	-1	-0.2	12.2	-0.2	-1	-1	-1	31	-1	5747	-1	1	-1	-1	-1	2	-1	-1	-1	-1	-1	-1
RP-SO-9594	16	-1	3	-1	-1	-1	-0.2	46.8	-0.2	-1	7	-1	45	-1	3566	-1	2	-1	2	-1	1	-1	-1	-1	-1	-1	-1

## 9144RPT.XLS

Enzyme Leach Job #: 9144

Trace Element Values Are in Parts P

Values = 999999 are greater than

Sample ID:	Zr	Nb	Mo	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
RP-SO-9595	26	-1	-1	-1	-1	-1	-0.2	21.3	-0.2	-1	-1	-1	17	-1	1674	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
RP-SO-9596	6	-1	-1	-1	-1	-1	-0.2	25.2	-0.2	-1	-1	-1	22	-1	3221	1	2	-1	-1	1	1	-1	-1	-1	-1	-1	-1
RP-SO-9597	-1	-1	-1	-1	-1	-1	-0.2	19.2	-0.2	-1	-1	-1	21	-1	1491	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
RP-SO-9598	6	-1	-1	-1	-1	-1	-0.2	6.1	-0.2	-1	-1	-1	19	-1	2708	1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
RP-SO-9599	6	-1	-1	-1	-1	-1	-0.2	3.1	-0.2	-1	-1	-1	19	-1	1803	2	3	-1	2	-1	-1	-1	-1	-1	-1	-1	-1
RP-SO-95100	36	-1	-1	-1	-1	-1	-0.2	4.0	-0.2	-1	-1	-1	23	-1	1620	2	3	-1	2	-1	-1	-1	-1	-1	-1	-1	-1
RP-SO-95101	4	-1	-1	-1	-1	-1	-0.2	29.6	-0.2	-1	-1	-1	24	-1	3525	1	2	-1	2	-1	1	-1	-1	-1	-1	-1	-1
RP-SO-95102	9	-1	-1	-1	-1	-1	-0.2	5.7	-0.2	-1	-1	-1	35	-1	1588	2	3	-1	2	-1	-1	-1	-1	-1	-1	-1	-1
RP-SO-95103	10	-1	-1	-1	-1	-1	-0.2	25.6	-0.2	-1	-1	-1	33	1	966	-1	1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1
RP-SO-95104	6	-1	19	-1	-1	-1	-0.2	2.7	-0.2	-1	7	-1	54	-1	1905	3	3	-1	4	1	1	1	-1	1	-1	-1	-1
RP-SO-95105	17	-1	-1	-1	-1	1	-0.2	40.4	-0.2	-1	3	-1	49	-1	4158	6	19	4	21	6	3	11	1	9	2	4	-1
RP-SO-95106	8	-1	-1	-1	-1	-1	-0.2	103.3	-0.2	-1	2	1	31	-1	9645	4	8	1	7	2	3	3	-1	3	-1	1	-1
RP-SO-95107	-1	-1	-1	-1	-1	-1	-0.2	208.3	-0.2	-1	1	-1	24	-1	6339	19	43	9	48	10	5	21	2	14	3	6	-1
RP-SO-95108	30	-1	3	-1	-1	-1	-0.2	50.5	-0.2	-1	2	-1	41	-1	1544	14	14	6	35	8	3	15	2	11	2	5	-1
RP-SO-95109	2	-1	1	-1	-1	-1	-0.2	341.7	-0.2	-1	3	-1	48	-1	7468	5	6	2	9	2	3	4	-1	4	-1	1	-1
RP-SO-95110	-1	-1	34	-1	-1	-1	-0.2	10.6	-0.2	-1	5	-1	35	-1	1648	2	2	-1	3	-1	-1	1	-1	-1	-1	-1	-1
RP-SO-95111	50	-1	-1	-1	-1	-1	-0.2	125.0	-0.2	-1	2	-1	46	-1	5381	8	32	3	15	3	3	6	-1	5	-1	2	-1
RP-SO-95112	3	-1	-1	-1	-1	-1	-0.2	26.0	-0.2	-1	-1	-1	29	-1	2849	2	3	-1	3	-1	-1	-1	-1	-1	-1	-1	-1
RP-SO-95113	59	-1	-1	-1	-1	1	-0.2	27.1	-0.2	-1	2	-1	39	-1	5253	7	23	2	9	2	2	3	-1	3	-1	1	-1
RP-SO-95114	45	-1	-1	-1	-1	-1	-0.2	6.9	-0.2	-1	-1	-1	22	1	1983	2	5	-1	2	-1	-1	-1	-1	-1	-1	-1	-1
RP-SO-95115	104	-1	-1	-1	-1	-1	-0.2	4.0	-0.2	-1	-1	-1	28	-1	2036	3	6	-1	3	-1	-1	-1	-1	-1	-1	-1	-1
RP-SO-95201	2	-1	-1	-1	-1	-1	-0.2	10.8	-0.2	-1	1	-1	20	-1	29959	4	1	-1	1	-1	11	-1	-1	-1	-1	-1	-1
RP-SO-95202	8	-1	-1	-1	-1	-1	-0.2	8.1	-0.2	-1	2	-1	44	-1	14369	3	3	-1	2	-1	6	-1	-1	-1	-1	-1	-1
RP-SO-95203	16	1	1	-1	-1	-1	-0.2	1.3	-0.2	-1	5	1	26	-1	1134	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
RP-SO-95204	5	2	-1	-1	-1	-1	-0.2	2.6	-0.2	-1	-1	-1	19	-1	1871	-1	2	-1	1	-1	-1	-1	-1	-1	-1	-1	-1
RP-SO-95205	16	-1	-1	-1	-1	-1	-0.2	5.1	-0.2	-1	-1	-1	40	-1	2996	2	2	-1	2	-1	1	-1	-1	-1	-1	-1	-1
RP-SO-95206	26	-1	2	-1	-1	-1	-0.2	5.0	-0.2	-1	3	-1	40	-1	2662	3	8	1	4	-1	1	1	-1	1	-1	-1	-1
RP-SO-95207	5	-1	4	-1	-1	-1	-0.2	1.6	-0.2	-1	2	-1	23	-1	1669	2	5	-1	3	-1	-1	1	-1	-1	-1	-1	-1
RP-SO-95208	103	-1	-1	-1	-1	1	-0.2	7.8	-0.2	-1	3	-1	64	-1	6039	4	12	2	11	4	3	6	-1	5	-1	2	-1
RP-SO-95209	32	2	9	-1	-1	-1	-0.2	1.1	-0.2	-1	2	-1	58	-1	3704	5	13	2	11	3	2	4	-1	4	-1	1	-1
RP-SO-95210	47	-1	-1	-1	-1	-1	-0.2	1.8	-0.2	-1	3	1	37	-1	8138	6	12	2	9	2	3	3	-1	3	-1	-1	-1
RP-SO-95211	15	-1	-1	-1	-1	-1	-0.2	6.0	-0.2	-1	-1	-1	19	-1	12167	3	8	-1	4	1	4	1	-1	1	-1	-1	-1
RP-SO-95212	10	-1	-1	-1	-1	-1	-0.2	3.5	-0.2	-1	-1	-1	28	-1	3759	3	6	-1	4	-1	1	1	-1	1	-1	-1	-1
RP-SO-95213	11	-1	-1	-1	-1	-1	-0.2	2.7	-0.2	-1	-1	-1	18	-1	4163	2	3	-1	2	-1	1	-1	-1	-1	-1	-1	-1
RP-SO-95214	26	2	-1	-1	-1	-1	-0.2	2.0	-0.2	-1	-1	1	20	-1	3539	3	6	-1	4	1	2	1	-1	1	-1	-1	-1



## 9144RPT.XLS

Enzyme Leach Job #: 9144

Trace Element Values Are in Parts P

Values = 999999 are greater than

Sample ID:	Yb	Lu	Hf	Ta	W	Re	Os	Ir	Pt	Au	S.O.Hg	Tl	Pb	Bi	Th	U
KN-SO-9501	-1	-1	-1	-1	1	-0.1	-1	-1	-1	0.5	-1.0	-1	80	-1	-1	-1
KN-SO-9502		2	-1	-1	-1	-0.1	-1	-1	-1	0.6	-1.0	-1	430	-1	-1	-1
KN-SO-9503	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	46	-1	1	1
KN-SO-9504	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	28	-1	-1	-1
KN-SO-9505	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	9	-1	-1	-1
KN-SO-9506	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	0.3	-1.0	-1	53	-1	-1	-1
KN-SO-9507	-1	-1	-1	-1	1	-0.1	-1	-1	-1	0.1	-1.0	-1	107	-1	3	-1
KN-SO-9508	-1	-1	-1	-1	1	-0.1	-1	-1	-1	0.1	-1.0	-1	29	-1	-1	-1
KN-SO-9509	-1	-1	-1	-1	2	-0.1	-1	-1	-1	0.1	-1.0	1	6	-1	-1	-1
KN-SO-9510	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	43	-1	-1	-1
KN-SO-9511	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	7	-1	-1	-1
KN-SO-9512	-1	-1	-1	-1	1	-0.1	-1	-1	-1	0.1	-1.0	-1	47	-1	-1	-1
KN-SO-9513	-1	-1	-1	-1	2	-0.1	-1	-1	-1	-0.1	-1.0	-1	22	-1	-1	-1
KN-SO-9514	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	5	-1	-1	-1
KN-SO-9515	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	23	-1	-1	-1
KN-SO-9516	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	0.1	-1.0	-1	17	-1	2	-1
KN-SO-9517	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	44	-1	-1	-1
KN-SO-9518	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	8	-1	-1	-1
KN-SO-9519	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	152	-1	-1	-1
KN-SO-9520	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	1.9	-1.0	-1	318	-1	-1	-1
KN-SO-9521	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	0.7	-1.0	-1	149	-1	-1	-1
KN-SO-9522	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	2.6	1.1	-1	180	-1	-1	-1
KN-SO-9523	-1	-1	1	-1	-1	-0.1	-1	-1	-1	0.8	-1.0	2	233	-1	4	-1
KN-SO-9524	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	55	-1	-1	-1
KN-SO-9525	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	6	-1	-1	-1
KN-SO-9526	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	41	-1	-1	-1
KN-SO-9527	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	9	-1	-1	-1
KN-SO-9528	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	3	-1	-1	-1
KN-SO-9529	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	2	-1	-1	-1
KN-SO-9530	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	20	-1	-1	-1
KN-SO-9531		1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	98	-1	-1	-1
KN-SO-9532	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	27	-1	-1	-1
KN-SO-9533	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	27	-1	1	-1
KN-SO-9534																
KN-SO-9535	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	14	-1	-1	-1
KN-SO-9536	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	2	-1	-1	-1
KN-SO-9537	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	3	-1	-1	-1
KN-SO-9538	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	4	-1	-1	-1
KN-SO-9539	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	2	-1	-1	-1
KN-SO-9540	-1	-1	-1	-1	1	-0.1	-1	-1	-1	0.1	-1.0	-1	23	-1	-1	-1
KN-SO-9541	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	7	-1	-1	-1
KN-SO-9542	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	3	-1	-1	-1

## 9144RPT.XLS

Enzyme Leach Job #: 9144

Trace Element Values Are in Parts P

Values = 999999 are greater than

Sample ID:	Yb	Lu	Hf	Ta	W	Re	Os	Ir	Pt	Au	S.Q.Hg	Tl	Pb	Bi	Th	U
KN-SO-9543	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	0.1	-1.0	-1	12	-1	-1	-1
KN-SO-9544	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	37	-1	-1	-1
KN-SO-9545	-1	-1	-1	-1	2	-0.1	-1	-1	-1	-0.1	-1.0	-1	62	-1	-1	-1
KN-SO-9546	1	-1	-1	-1	-1	-0.1	-1	-1	-1	0.5	-1.0	-1	143	-1	-1	-1
KN-SO-9547	1	-1	1	-1	-1	-0.1	-1	-1	-1	0.3	-1.0	-1	53	-1	2	-1
KN-SO-9548	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	3	-1	-1	-1
KN-SO-9549	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9550	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9551	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	2	-1	1	-1
KN-SO-9552	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9553	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9554	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9555	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9556	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9557	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9558	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9559	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	3	-1	-1	-1
KN-SO-9560	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9561	-1	-1	2	-1	-1	0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9562	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9563	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	0.1	-1.0	-1	8	-1	-1	-1
KN-SO-9564	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9565	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9566	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9567	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9568	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9569	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9570	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	2	-1	-1	-1
KN-SO-9571	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9572	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9573	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9574	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9575	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	2	-1	-1	-1
KN-SO-9576	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9577	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9578	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9579	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
KN-SO-9580	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
RA-SO-9501	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	0.3	-1.0	-1	21	-1	1	-1
RA-SO-9502	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	0.1	-1.0	-1	4	-1	-1	-1
RA-SO-9503	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	7	-1	-1	-1
RA-SO-9504	-1	-1	-1	-1	1	-0.1	-1	-1	-1	0.1	-1.0	-1	9	-1	-1	-1

9144RPT.XLS

Enzyme Leach Job #: 9144

Trace Element Values Are in Parts P  
 Values = 999999 are greater than

Sample ID:	Yb	Lu	Hf	Ta	W	Re	Os	Ir	Pt	Au	S.Q.Hg	Tl	Pb	Bi	Th	U
RA-SO-9505	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	0.2	-1.0	-1	31	-1	-1	-1
RA-SO-9506	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	0.2	-1.0	-1	61	-1	-1	-1
RA-SO-9507	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	0.2	-1.0	-1	134	-1	-1	-1
RA-SO-9508	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	279	-1	-1	-1
RA-SO-9509	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	0.2	-1.0	-1	277	-1	-1	-1
RA-SO-9510	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	220	-1	-1	-1
RA-SO-9511	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	0.6	1.2	-1	636	-1	-1	-1
RA-SO-9512	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	0.1	-1.0	-1	161	-1	-1	-1
RA-SO-9513	1	-1	-1	-1	-1	-0.1	-1	-1	-1	0.4	-1.0	-1	127	-1	2	-1
RP-SO-9521	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	117	-1	-1	-1
RP-SO-9522	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	13	-1	3	-1
RP-SO-9523	-1	-1	-1	-1	-1	0.2	-1	-1	-1	-0.1	-1.0	-1	9	-1	3	2
RP-SO-9524	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	6	-1	3	1
RP-SO-9525	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	5	-1	2	1
RP-SO-9526	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	4	-1	2	-1
RP-SO-9527	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	3	-1	1	-1
RP-SO-9528	1	-1	1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	3	-1	3	2
RP-SO-9529	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	4	-1	1	4
RP-SO-9530	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	1	1
RP-SO-9531	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	9	-1	1	1
RP-SO-9532	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	3	-1	-1	-1
RP-SO-9533	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	3	-1	-1	-1
RP-SO-9534	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	5	-1	2	-1
RP-SO-9535	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	7	-1	2	-1
RP-SO-9536	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	3	-1	-1	-1
RP-SO-9537	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	3	-1	2	1
RP-SO-9538	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	4	-1	-1	2
RP-SO-9539	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	7	-1	2	-1
RP-SO-9540	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	3	-1	-1	2
RP-SO-9541	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	5	-1	1	1
RP-SO-9542	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	1	-1	-1	-1
RP-SO-9543	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	2	-1	-1	-1
RP-SO-9544	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	7	-1	1	-1
RP-SO-9545	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	5	-1	1	-1
RP-SO-9546	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	6	-1	3	-1
RP-SO-9547	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	4	-1	2	-1
RP-SO-9548	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	4	-1	-1	-1
RP-SO-9549	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	6	-1	1	-1
RP-SO-9550	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	4	-1	-1	-1
RP-SO-9551	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	3	-1	-1	-1
RP-SO-9552	-1	-1	-1	-1	1	-0.1	-1	-1	-1	-0.1	-1.0	-1	6	-1	-1	-1
RP-SO-9553	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	2	-1	-1	2

9144RPT.XLS

Enzyme Leach Job #: 9144

Trace Element Values Are in Parts P

Values = 999999 are greater than

Sample ID:	Yb	Lu	Hf	Ta	W	Re	Os	Ir	Pt	Au	S.Q.Hg	Tl	Pb	Bi	Th	U
RP-SO-9554	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	2	2	-1	-1	1
RP-SO-9555	-1	-1	-1	-1	1	-0.1	-1	-1	-1	-0.1	-1.0	-1	13	-1	1	1
RP-SO-9556	-1	-1	-1	-1	1	-0.1	-1	-1	-1	-0.1	-1.0	-1	8	-1	2	4
RP-SO-9557	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	7	-1	1	-1
RP-SO-9558	-1	-1	-1	-1	-1	0.7	-1	-1	-1	-0.1	-1.0	-1	2	-1	1	2
RP-SO-9559	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	2
RP-SO-9560	1	-1	-1	-1	-1	0.1	-1	-1	-1	-0.1	-1.0	2	3	-1	2	5
RP-SO-9561	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	4	-1	-1	-1
RP-SO-9562	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	7	-1	1	1
RP-SO-9563	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	0.1	-1.0	-1	1425	-1	-1	-1
RP-SO-9564	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	27	-1	1	2
RP-SO-9565	1	-1	-1	-1	-1	0.1	-1	-1	-1	-0.1	-1.0	-1	9	-1	1	3
RP-SO-9566	-1	-1	-1	-1	-1	0.1	-1	-1	-1	-0.1	-1.0	-1	9	-1	2	1
RP-SO-9567	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	3	-1	-1	-1
RP-SO-9568	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	5	-1	1	-1
RP-SO-9569	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	9	-1	-1	-1
RP-SO-9570	-1	-1	1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	10	-1	2	-1
RP-SO-9571	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	4	-1	-1	-1
RP-SO-9572	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	6	-1	-1	-1
RP-SO-9573	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	5	-1	-1	-1
RP-SO-9574	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	5	-1	-1	-1
RP-SO-9575	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	7	-1	-1	-1
RP-SO-9576	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	7	-1	1	-1
RP-SO-9577	-1	-1	-1	-1	1	0.9	-1	-1	-1	-0.1	-1.0	6	8	-1	-1	1
RP-SO-9578A	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	4	-1	-1	3
RP-SO-9578																
RP-SO-9579	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	9	-1	-1	-1
RP-SO-9580	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	5	-1	-1	-1
RP-SO-9581	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	3	-1	-1	-1
RP-SO-9582	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	4	-1	-1	-1
RP-SO-9583	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	2	-1	-1	-1
RP-SO-9584	2	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	12	-1	1	2
RP-SO-9585	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	4	-1	-1	-1
RP-SO-9586	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	7	-1	2	-1
RP-SO-9587	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	1	-1	-1	-1
RP-SO-9588	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	4	-1	-1	-1
RP-SO-9589	-1	-1	1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	10	-1	2	-1
RP-SO-9590																
RP-SO-9591	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	6	-1	-1	-1
RP-SO-9592	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	2	-1	-1	-1
RP-SO-9593	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	4	-1	-1	-1
RP-SO-9594	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	2	-1	1	-1

## 9144RPT.XLS

Enzyme Leach Job #: 9144

Trace Element Values Are in Parts P

Values = 999999 are greater than

Sample ID:	Yb	Lu	Hf	Ta	W	Re	Os	Ir	Pt	Au	S.O.Hg	Tl	Pb	Bi	Th	U
RP-SO-9595	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	-1	-1	-1	-1
RP-SO-9596	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	2	-1	-1	-1
RP-SO-9597	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	1	-1	-1	-1
RP-SO-9598	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	1	-1	-1	-1
RP-SO-9599	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	1	-1	-1	-1
RP-SO-95100	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	1	-1	-1	-1
RP-SO-95101	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	3	-1	1	1
RP-SO-95102	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	2	-1	1	-1
RP-SO-95103	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	2	-1	-1	1
RP-SO-95104	-1	-1	-1	-1	-1	0.8	-1	-1	-1	0.4	-1.0	-1	2	-1	1	3
RP-SO-95105	4	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	2	6	-1	3	13
RP-SO-95106	2	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	3	13	-1	-1	3
RP-SO-95107	6	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	2	20	-1	-1	2
RP-SO-95108	5	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	3	13	-1	2	9
RP-SO-95109	2	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	4	4	-1	-1	4
RP-SO-95110	-1	-1	-1	-1	-1	0.6	-1	-1	-1	-0.1	-1.0	-1	3	-1	1	3
RP-SO-95111	2	-1	1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	16	-1	4	7
RP-SO-95112	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	3	-1	-1	1
RP-SO-95113	1	-1	2	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	23	-1	4	7
RP-SO-95114	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	3	-1	-1	1
RP-SO-95115	-1	-1	2	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	2	-1	-1	1
RP-SO-95201	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	2	-1	-1	-1
RP-SO-95202	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	2	-1	-1	2
RP-SO-95203	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	6	-1	2	2
RP-SO-95204	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	4	-1	1	-1
RP-SO-95205	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	2	-1	1	1
RP-SO-95206	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	12	-1	4	5
RP-SO-95207	-1	-1	-1	-1	-1	0.2	-1	-1	-1	-0.1	-1.0	-1	7	-1	1	7
RP-SO-95208	2	-1	3	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	19	-1	14	4
RP-SO-95209	1	-1	-1	-1	-1	-0.1	-1	-1	-1	0.2	-1.0	-1	5	-1	4	8
RP-SO-95210	-1	-1	1	-1	-1	-0.1	-1	-1	-1	0.1	-1.0	-1	4	-1	4	3
RP-SO-95211	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	5	-1	2	3
RP-SO-95212	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	2	-1	2	1
RP-SO-95213	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	2	-1	1	1
RP-SO-95214	-1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	4	-1	2	2

9050RPT.XLS

Enzyme Leach Job #: 9050

Customer: Stratabound Minerals Corp.

Geologist: W. Johnson

Customer's Job #: CYGNET

Trace Element Values Are in Parts Per Billion. Negative Values Equal Not Detected at That Lower Limit.

Values = 999999 are greater than working range of instrument. S.Q. = That element is determined SEMIQUANTITATIVELY.

Sample ID:	S.Q.Li	S.Q.Be	S.Q.Cl	S.Q.Sc	S.Q.Ti	V	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Rb	Sr	Y	Zr	Nb	Mo	Ru
SW-SO-9501	-10	-20	7939	24	-100	25	3165	35	25	8	175	9	-1	-5	-30	-30	31	316	6	9	-1	-1	-1
SW-SO-9502	-10	-20	4932	23	-100	23	2856	39	30	11	268	3	-1	6	-30	48	17	280	4	9	-1	2	-1
SW-SO-9503	-10	-20	-3000	50	-100	59	1263	36	117	80	120	-1	-1	24	-30	90	5	182	34	30	-1	-1	-1
SW-SO-9504	16	-20	8043	26	-100	36	1713	15	95	76	5022	1	2	24	-30	161	16	185	11	3	-1	-1	-1
SW-SO-9505	-10	-20	5899	22	-100	23	1312	10	25	38	2357	7	1	11	-30	86	4	273	2	1	-1	11	-1
SW-SO-9506	-10	-20	-3000	14	-100	14	1088	8	49	73	3616	2	-1	16	-30	292	-1	181	4	2	-1	6	-1
SW-SO-9507	-10	-20	5729	18	-100	34	1155	12	74	36	1188	4	-1	28	-30	240	-1	221	7	4	-1	7	-1
SW-SO-9508	-10	-20	-3000	20	-100	31	3155	17	59	22	308	3	1	7	-30	310	-1	163	9	3	-1	40	-1
SW-SO-9509	-10	-20	6653	23	-100	63	3693	12	35	55	118	6	-1	7	-30	553	15	79	7	2	-1	14	-1
SW-SO-9510	-10	-20	6004	12	-100	90	1978	8	48	34	108	8	2	14	-30	209	15	91	12	6	-1	6	-1
SW-SO-9511	-10	-20	3112	14	-100	129	4056	9	36	18	74	5	-1	7	-30	431	25	110	13	4	-1	4	-1
SW-SO-9512	-10	-20	-3000	22	-100	111	3891	11	22	15	176	4	-1	5	-30	49	58	96	9	2	-1	-1	-1
SW-SO-9513	-10	-20	-3000	-10	-100	57	3069	7	16	8	64	6	-1	-5	-30	54	16	77	8	5	-1	-1	-1
SW-SO-9514	-10	-20	-3000	12	-100	75	6440	16	17	7	70	7	-1	10	-30	111	20	104	7	5	-1	-1	-1
SW-SO-9515	-10	-20	-3000	16	-100	48	2867	26	10	-5	149	6	-1	-5	-30	58	14	114	10	7	-1	-1	-1
SW-SO-9516	-10	-20	5539	35	-100	71	3636	10	46	8	86	3	-1	14	-30	624	11	124	10	2	-1	6	-1
SW-SO-9517	-10	-20	6387	-10	-100	77	2380	7	51	23	154	4	-1	10	-30	234	25	100	18	7	2	3	-1
SW-SO-9518	-10	-20	-3000	15	-100	99	3925	11	32	10	92	1	-1	9	-30	196	21	76	13	-1	-1	6	-1
SW-SO-9519	-10	-20	-3000	30	-100	46	2084	18	54	37	166	9	-1	28	-30	386	6	263	24	7	-1	13	-1
SW-SO-9520	-10	-20	6536	19	-100	38	3045	13	39	30	1843	9	-1	25	-30	114	13	188	7	4	-1	9	-1
SW-SO-9521	-10	-20	5665	39	-100	60	5355	20	45	20	7496	9	2	21	-30	206	29	633	12	4	-1	32	-1
SW-SO-9522	-10	-20	5484	27	-100	59	1796	9	35	13	1553	7	-1	15	-30	69	4	177	3	2	-1	4	-1
SW-SO-9523	-10	-20	-3000	31	-100	27	11032	117	56	28	1556	5	1	17	-30	63	20	184	9	9	-1	2	-1
SW-SO-9524	-10	-20	-3000	18	-100	37	1886	29	42	26	301	5	-1	9	-30	63	9	173	5	10	-1	-1	-1
SW-SO-9525	-10	-20	-3000	30	-100	30	325	11	30	22	116	7	4	7	-30	108	11	256	5	8	-1	-1	-1
SW-SO-9526	-10	-20	-3000	19	-100	23	2303	41	37	7	647	3	-1	-5	-30	77	8	213	2	5	-1	-1	-1
SW-SO-9527	-10	-20	-3000	-10	-100	27	1003	7	35	69	359	6	-1	6	-30	75	14	183	11	3	-1	3	-1
SW-SO-9528	-10	-20	-3000	17	-100	24	1249	24	42	13	390	2	-1	6	-30	68	28	167	4	7	-1	-1	-1
SW-SO-9529	-10	-20	-3000	14	-100	34	2863	61	24	-5	527	1	1	6	-30	32	23	215	3	7	-1	-1	-1
SW-SO-9530	-10	-20	-3000	18	-100	18	1641	27	31	20	408	2	-1	7	-30	89	54	140	8	11	-1	-1	-1
SW-SO-9531	-10	-20	-3000	13	-100	58	3401	29	32	10	495	2	-1	12	-30	85	18	183	3	12	-1	4	-1
SW-SO-9532A	-10	-20	-3000	15	-100	58	3597	24	30	13	670	6	-1	13	-30	83	56	313	3	10	-1	-1	-1
SW-SO-9532B	-10	-20	-3000	25	-100	63	2397	22	39	18	599	7	-1	14	-30	-30	53	280	3	8	-1	-1	-1
SW-SO-9533	-10	-20	-3000	12	-100	27	1734	47	32	-5	578	10	-1	-5	-30	86	35	191	-1	4	-1	1	-1
SW-SO-9534	-10	-20	-3000	15	-100	35	2175	36	76	68	95	4	-1	21	38	101	20	168	12	7	-1	5	-1
SW-SO-9535	-10	-20	-3000	14	-100	99	6282	52	39	9	109	6	-1	27	-30	31	8	136	3	3	-1	4	-1
SW-SO-9536	-10	-20	3008	12	-100	96	1504	29	23	-5	126	8	-1	10	-30	47	12	122	2	2	2	2	-1
SW-SO-9537	-10	-20	-3000	14	-100	73	4973	16	28	-5	136	7	-1	9	-30	133	13	124	9	3	-1	5	-1
SW-SO-9538	-10	-20	-3000	18	-100	67	3423	18	19	13	123	-1	-1	9	-30	123	24	154	19	12	-1	3	-1
SW-SO-9539	-10	-20	6659	26	-100	57	1495	11	16	11	213	1	-1	5	-30	51	25	108	7	2	1	3	-1
SW-SO-9540	-10	-20	-3000	22	-100	43	1390	17	17	-5	1174	3	-1	12	-30	158	22	127	10	7	-1	-1	-1
SW-SO-9541	10	-20	13144	50	-100	31	3240	14	145	92	2405	3	1	22	-30	350	19	170	18	9	-1	8	-1

9050RPT.XLS

Enzyme Leach Job #: 9050

Customer: Stratabound Minerals Corp.

Geologist: W. Johnson

Customer's Job #: CYGNET

Trace Element Values Are in Parts Per Billion. Negative Values Equal Not Detected at That Lower Limit.

Values = 999999 are greater than working range of instrument. S.Q. = That element is determined SEMIQUANTITATIVELY.

Sample ID:	S.Q.Li	S.Q.Be	S.Q.Cl	S.Q.Sc	S.Q.Ti	V	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Rb	Sr	Y	Zr	Nb	Mo	Ru
SW-SO-9542	-10	-20	-3000	31	-100	33	2941	14	28	21	398	6	-1	11	-30	118	17	173	7	6	-1	3	-1
SW-SO-9543	-10	-20	8614	18	-100	52	4793	17	20	23	239	1	-1	7	-30	183	35	380	11	5	-1	12	-1
SW-SO-9544	-10	-20	3869	23	-100	26	4102	29	54	27	676	1	-1	10	-30	43	26	225	5	1	-1	1	-1
SW-SO-9545	-10	-20	6064	29	-100	52	1791	17	91	36	443	-1	-1	24	-30	123	18	260	26	5	-1	4	-1
SW-SO-9546	-10	-20	12940	37	-100	42	2531	24	128	60	467	5	-1	22	-30	51	4	785	20	10	-1	-1	-1
SW-SO-9547	-10	-20	-3000	27	-100	76	5658	94	67	35	494	3	-1	11	-30	73	35	364	5	15	-1	5	-1
SW-SO-9548	-10	-20	23479	56	-100	31	12845	79	172	57	1551	8	-1	12	39	492	1	503	18	45	-1	22	-1
SW-SO-9549	15	-20	7615	17	-100	222	19286	56	52	8	1872	5	-1	9	30	62	7	290	2	3	1	1	-1
SW-SO-9551	-10	-20	4532	46	-100	32	1901	62	48	11	870	9	1	8	-30	66	35	231	3	8	-1	-1	-1
SW-SO-9552	-10	-20	4360	-10	-100	22	1754	17	27	-5	156	1	-1	5	-30	37	23	193	3	12	-1	-1	-1
SW-SO-9553	-10	-20	-3000	26	-100	58	1544	35	36	24	159	4	1	20	-30	52	36	259	4	17	-1	-1	-1
SW-SO-9554A	-10	-20	-3000	21	-100	64	4638	41	26	13	57	5	-1	10	-30	57	55	236	4	9	-1	-1	-1
SW-SO-9554B	-10	-20	3172	30	-100	79	6500	47	18	10	34	9	-1	10	-30	122	55	283	5	8	-1	-1	-1

9050RPT.XLS

Enzyme Leach Job #: 9050

Trace Element Values Are in Parts  
Values = 999999 are greater than

Sample ID:	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	
SW-SO-9501	-1	-1	-0.2	2.7	-0.2	-1	-1	3	33	-1	1280	7	10	5	6	1	-1	1	3	-1	-1	-1	-1	2	2	-1	-1	-1	-0.1	
SW-SO-9502	-1	-1	-0.2	5.4	0.3	-1	1	1	31	-1	1134	3	6	2	4	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1	
SW-SO-9503	-1	-1	-0.2	1.0	-0.2	-1	3	-1	13	-1	787	11	23	5	21	5	2	8	2	7	1	3	-1	4	-1	-1	-1	-1	-0.1	
SW-SO-9504	-1	-1	-0.2	39.6	-0.2	-1	15	-1	19	-1	2098	5	6	2	6	1	1	1	-1	1	-1	-1	-1	-1	-1	-1	-1	1	-0.1	
SW-SO-9505	-1	-1	4.1	29.8	-0.2	-1	8	-1	24	-1	9697	2	1	-1	1	-1	4	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1	
SW-SO-9506	-1	-1	0.2	22.5	-0.2	-1	14	2	13	-1	3390	2	2	-1	2	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-0.1	
SW-SO-9507	-1	-1	-0.2	37.5	-0.2	-1	12	4	24	-1	4598	2	2	-1	2	-1	3	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-0.1	
SW-SO-9508	-1	-1	-0.2	8.8	-0.2	-1	10	5	48	-1	7109	5	8	-1	5	-1	3	2	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1	
SW-SO-9509	-1	-1	0.4	5.5	-0.2	-1	6	2	35	-1	376	3	6	-1	3	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-0.1	
SW-SO-9510	-1	-1	-0.2	2.6	-0.2	-1	9	1	50	-1	286	5	6	-1	4	-1	-1	2	-1	1	-1	-1	-1	-1	-1	-1	-1	2	-0.1	
SW-SO-9511	-1	-1	-0.2	2.0	-0.2	-1	5	-1	38	-1	344	5	6	1	5	1	-1	1	-1	1	-1	-1	-1	-1	-1	-1	-1	2	-0.1	
SW-SO-9512	-1	-1	-0.2	1.8	-0.2	-1	2	2	14	-1	593	4	7	-1	3	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1	
SW-SO-9513	-1	-1	-0.2	2.9	-0.2	-1	2	2	14	-1	314	4	5	-1	4	-1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1	
SW-SO-9514	-1	-1	-0.2	3.3	-0.2	-1	2	1	14	-1	383	3	8	-1	4	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1	
SW-SO-9515	-1	-1	-0.2	2.5	-0.2	-1	2	-1	-10	-1	623	4	9	-1	4	-1	-1	1	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-0.1	
SW-SO-9516	-1	-1	-0.2	2.6	-0.2	-1	8	2	34	-1	192	3	4	-1	3	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	3	-0.1	
SW-SO-9517	-1	-1	-0.2	3.9	-0.2	-1	15	2	-10	-1	169	7	9	1	5	1	-1	2	-1	2	-1	1	-1	-1	-1	-1	-1	2	-0.1	
SW-SO-9518	-1	-1	-0.2	1.0	-0.2	-1	3	-1	-10	-1	342	4	10	1	5	2	-1	1	-1	1	-1	-1	-1	-1	-1	-1	-1	2	-0.1	
SW-SO-9519	-1	-1	-0.2	3.9	-0.2	-1	8	-1	24	-1	2510	6	8	2	8	2	2	3	-1	3	-1	2	-1	1	-1	-1	-1	1	-0.1	
SW-SO-9520	-1	-1	0.2	12.5	-0.2	-1	18	1	-10	-1	4011	3	6	-1	3	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-0.1	
SW-SO-9521	-1	-1	0.6	40.4	-0.2	-1	4	1	-10	-1	2593	5	6	1	7	-1	1	2	-1	1	-1	-1	-1	-1	-1	-1	-1	3	-0.1	
SW-SO-9522	-1	-1	-0.2	39.6	-0.2	-1	1	1	-10	-1	1265	1	3	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1	
SW-SO-9523	-1	-1	-0.2	36.8	-0.2	-1	3	3	-10	-1	2218	4	24	1	6	-1	2	2	-1	2	-1	2	-1	-1	-1	-1	-1	-1	-1	-0.1
SW-SO-9524	-1	-1	-0.2	5.3	-0.2	-1	-1	2	-10	-1	1777	2	11	-1	3	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1	
SW-SO-9525	-1	-1	-0.2	2.6	-0.2	-1	-1	3	-10	-1	438	2	5	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1	
SW-SO-9526	-1	-1	-0.2	9.3	-0.2	-1	-1	2	-10	-1	885	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1	
SW-SO-9527	-1	-1	-0.2	6.8	-0.2	-1	2	2	-10	-1	199	4	4	-1	5	1	-1	1	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-0.1	
SW-SO-9528	-1	-1	-0.2	7.1	-0.2	-1	-1	-1	-10	-1	922	1	4	-1	3	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1	
SW-SO-9529	-1	-1	-0.2	9.6	-0.2	-1	-1	2	-10	-1	511	-1	3	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1	
SW-SO-9530	-1	-1	-0.2	6.6	-0.2	-1	1	3	-10	-1	1207	3	9	1	6	1	1	2	-1	2	-1	2	-1	-1	-1	-1	-1	-1	-0.1	
SW-SO-9531	-1	-1	-0.2	3.9	-0.2	-1	1	2	-10	-1	590	1	1	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1	
SW-SO-9532A	-1	-1	-0.2	8.4	-0.2	-1	2	3	-10	-1	1342	1	5	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1	
SW-SO-9532B	-1	-1	-0.2	7.6	-0.2	-1	2	2	-10	-1	1085	2	6	-1	3	-1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1	
SW-SO-9533	-1	-1	-0.2	6.5	-0.2	-1	-1	1	-10	-1	1372	-1	2	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1	
SW-SO-9534	-1	-1	-0.2	0.6	-0.2	-1	5	2	-10	-1	1884	5	14	2	7	2	1	3	-1	2	-1	-1	-1	1	-1	-1	-1	-1	-0.1	
SW-SO-9535	-1	-1	-0.2	2.9	-0.2	-1	2	3	-10	-1	608	1	3	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1	
SW-SO-9536	-1	-1	-0.2	2.0	-0.2	-1	1	-1	-10	-1	407	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1	
SW-SO-9537	-1	-1	-0.2	3.9	-0.2	-1	3	2	-10	-1	218	4	9	-1	5	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1	
SW-SO-9538	-1	-1	-0.2	1.6	-0.2	-1	3	1	18	-1	319	13	30	3	14	3	-1	4	-1	3	-1	-1	-1	1	-1	-1	-1	-1	-0.1	
SW-SO-9539	-1	-1	-0.2	2.8	-0.2	-1	2	3	-10	-1	347	5	13	1	5	-1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1	
SW-SO-9540	-1	-1	-0.2	16.1	-0.2	-1	7	2	14	-1	2351	6	12	2	7	2	1	2	-1	1	-1	-1	-1	-1	-1	-1	1	-0.1		
SW-SO-9541	-1	-1	-0.2	20.6	-0.2	-1	38	3	39	-1	3899	7	11	2	8	2	2	3	-1	2	-1	1	-1	1	-1	-1	5	-0.1		



9050RPT.XLS

Enzyme Leach Job #: 9050

Trace Element Values Are in Parts

Values = 999999 are greater than

Sample ID:

Sample ID:	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re
SW-SO-9542	-1	-1	-0.2	5.0	-0.2	-1	4	2	16	-1	2073	3	10	-1	3	-1	1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1	1	-0.1
SW-SO-9543	-1	-1	0.2	6.1	-0.2	-1	4	2	48	-1	1756	8	17	4	7	1	1	2	2	2	-1	-1	-1	2	1	-1	-1	2	-0.1
SW-SO-9544	-1	-1	-0.2	7.9	-0.2	-1	2	2	14	-1	987	3	11	2	3	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1
SW-SO-9545	-1	-1	-0.2	3.8	-0.2	-1	4	2	-10	-1	1477	12	10	4	15	3	2	4	-1	4	-1	2	-1	2	-1	-1	-1	-1	-0.1
SW-SO-9546	-1	-1	-0.2	5.9	-0.2	-1	3	5	13	-1	2408	11	16	3	13	2	2	5	-1	3	-1	2	-1	2	-1	-1	-1	-1	-0.1
SW-SO-9547	-1	-1	-0.2	3.5	-0.2	-1	1	2	-10	-1	2781	2	5	-1	2	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1
SW-SO-9548	-1	2	-0.2	17.0	-0.2	-1	6	2	163	-1	3360	3	7	1	6	1	2	3	-1	3	-1	1	-1	1	-1	1	-1	-1	0.2
SW-SO-9549	-1	-1	-0.2	6.2	-0.2	-1	-1	3	-10	-1	2278	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1
SW-SO-9551	-1	-1	-0.2	24.3	-0.2	-1	-1	1	-10	-1	2900	1	3	-1	2	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1
SW-SO-9552	-1	-1	-0.2	3.4	-0.2	-1	-1	-1	-10	-1	1160	1	3	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1
SW-SO-9553	-1	-1	-0.2	1.7	-0.2	-1	2	2	-10	-1	1089	2	7	-1	4	-1	-1	1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1
SW-SO-9554A	-1	-1	-0.2	1.1	-0.2	-1	-1	-1	-10	-1	593	2	5	-1	2	-1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1
SW-SO-9554B	-1	-1	0.2	1.7	0.2	-1	-1	3	-10	-1	685	2	7	-1	3	-1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-0.1

9050RPT.XLS

Enzyme Leach Job #: 9050

Trace Element Values Are in Parts

Values = 999999 are greater than

Sample ID:	Os	Ir	Pt	Au	S.Q.Hg	Tl	Pb	Bi	Th	U
SW-SO-9501	-1	-1	-1	-0.1	-1.0	-1	16	-1	2	1
SW-SO-9502	-1	-1	-1	-0.1	-1.0	-1	16	-1	2	2
SW-SO-9503	-1	-1	-1	0.3	-1.0	-1	7	-1	5	3
SW-SO-9504	-1	-1	-1	2.9	-1.0	1	467	-1	3	2
SW-SO-9505	-1	-1	-1	10.7	-1.0	12	326	-1	2	-1
SW-SO-9506	-1	-1	-1	2.1	1.1	2	1274	-1	2	-1
SW-SO-9507	-1	-1	-1	7.8	-1.0	-1	140	-1	2	1
SW-SO-9508	-1	-1	-1	1.8	-1.0	-1	192	-1	2	-1
SW-SO-9509	-1	-1	-1	-0.1	-1.0	-1	25	-1	2	1
SW-SO-9510	-1	-1	-1	0.1	-1.0	-1	21	-1	1	1
SW-SO-9511	-1	-1	-1	-0.1	-1.0	-1	24	-1	1	2
SW-SO-9512	-1	-1	-1	-0.1	-1.0	-1	12	-1	-1	-1
SW-SO-9513	-1	-1	-1	-0.1	-1.0	-1	3	-1	1	-1
SW-SO-9514	-1	-1	-1	-0.1	-1.0	-1	3	-1	-1	2
SW-SO-9515	-1	-1	-1	-0.1	-1.0	-1	8	-1	1	3
SW-SO-9516	-1	-1	-1	-0.1	-1.0	-1	90	-1	1	1
SW-SO-9517	-1	-1	-1	-0.1	-1.0	-1	72	-1	1	-1
SW-SO-9518	-1	-1	-1	-0.1	-1.0	-1	31	-1	-1	-1
SW-SO-9519	-1	-1	-1	0.3	-1.0	-1	65	-1	2	-1
SW-SO-9520	-1	-1	-1	1.4	-1.0	-1	811	-1	-1	-1
SW-SO-9521	-1	-1	-1	-0.1	-1.0	1	583	-1	2	-1
SW-SO-9522	-1	-1	-1	-0.1	-1.0	-1	104	-1	-1	-1
SW-SO-9523	-1	-1	-1	-0.1	-1.0	-1	585	-1	3	2
SW-SO-9524	-1	-1	-1	-0.1	-1.0	-1	38	-1	1	-1
SW-SO-9525	-1	-1	-1	-0.1	-1.0	-1	37	-1	-1	-1
SW-SO-9526	-1	-1	-1	-0.1	-1.0	-1	41	-1	-1	-1
SW-SO-9527	-1	-1	-1	0.8	-1.0	-1	101	-1	1	1
SW-SO-9528	-1	-1	-1	-0.1	-1.0	-1	397	-1	-1	-1
SW-SO-9529	-1	-1	-1	-0.1	-1.0	-1	95	-1	-1	-1
SW-SO-9530	-1	-1	-1	0.1	-1.0	-1	202	-1	2	3
SW-SO-9531	-1	-1	-1	-0.1	-1.0	-1	65	-1	1	1
SW-SO-9532A	-1	-1	-1	-0.1	-1.0	-1	28	-1	-1	1
SW-SO-9532B	-1	-1	-1	-0.1	-1.0	-1	27	-1	-1	1
SW-SO-9533	-1	-1	-1	-0.1	-1.0	-1	46	-1	-1	-1
SW-SO-9534	-1	-1	-1	0.3	-1.0	-1	11	-1	2	2
SW-SO-9535	-1	-1	-1	-0.1	-1.0	-1	4	-1	-1	1
SW-SO-9536	-1	-1	-1	-0.1	-1.0	-1	6	-1	-1	-1
SW-SO-9537	-1	-1	-1	-0.1	-1.0	-1	16	-1	-1	1
SW-SO-9538	-1	-1	-1	-0.1	-1.0	-1	394	-1	1	1
SW-SO-9539	-1	-1	-1	-0.1	-1.0	-1	63	-1	-1	1
SW-SO-9540	-1	-1	-1	0.2	-1.0	-1	174	-1	1	1
SW-SO-9541	-1	-1	-1	1.3	-1.0	2	342	-1	-1	-1

9050RPT.XLS

Enzyme Leach Job #: 9050

Trace Element Values Are in Parts

Values = 999999 are greater than

Sample ID:	Os	Ir	Pt	Au	S.Q.Hg	Tl	Pb	Bi	Th	U
SW-SO-9542	-1	-1	-1	0.1	-1.0	-1	52	-1	-1	-1
SW-SO-9543	-1	-1	-1	0.4	-1.0	1	86	-1	1	2
SW-SO-9544	-1	-1	-1	-0.1	-1.0	-1	92	-1	1	-1
SW-SO-9545	-1	-1	-1	1.2	-1.0	-1	148	-1	2	-1
SW-SO-9546	-1	-1	-1	0.2	-1.0	-1	81	-1	2	2
SW-SO-9547	-1	-1	-1	-0.1	-1.0	-1	14	-1	2	4
SW-SO-9548	-1	-1	-1	-0.1	-1.0	-1	3	-1	4	35
SW-SO-9549	-1	-1	-1	-0.1	-1.0	-1	6	-1	-1	3
SW-SO-9551	-1	-1	-1	-0.1	-1.0	-1	13	-1	1	2
SW-SO-9552	-1	-1	-1	-0.1	-1.0	-1	6	-1	1	1
SW-SO-9553	-1	-1	-1	-0.1	-1.0	-1	2	-1	2	1
SW-SO-9554A	-1	-1	-1	-0.1	-1.0	-1	3	-1	1	1
SW-SO-9554B	-1	-1	-1	-0.1	-1.0	-1	5	-1	1	1

**APPENDIX 4**

**SOIL SAMPLE DESCRIPTIONS**

## APPENDIX 4. SOIL SAMPLE DESCRIPTIONS

### Swan Grid

SW-SO-9501 : sandy, gravelly; yellow/brown soil; well drained; 15 degree slope to NE

SW-SO-9502 : tan pale brown/grey; clayey gravelly; well drained slope; GPS location 7

SW-SO-9503 : light grey/brown; clay, sand, gravel

SW-SO-9504 : dark brown; sandy, very stony, silty; on steep slope; 10-15m below carb. ocp.  
with rusty patches

SW-SO-9505 : red brown soil with oxidized rock fragments; appears to be near source of anom ;  
actively eroded ( no A Hor.); steep slope

SW-SO-9506 : medium brown; sandy, silty, sl stony

SW-SO-9507 : medium brown ; sandy silty stony soil; steep slope ( 45-55 degrees )

SW-SO-9508 : light brown ,slightly reddish soil; fine sandy, occasional stones; grassy, pines ;  
slope slightly less steep than below ( 40-45 degrees )

SW-SO-9509 :

SW-SO-9510 : light brown; stony silty, sandy; in talus slope of sil-dol rk.

SW-SO-9511 : mostly rock; very little light brown sandy, silty soil

SW-SO-9512 : sandy, silty; light brown with numerous rock fragments; basically ocp of sil-dol  
rk

SW-SO-9513 :

SW-SO-9514 : light reddish brown sandy, silty, stony flat on top of hill; sil-dol ocps nearby

SW-SO-9515 : top of cliff ; site of three photos

SW-SO-9516 : on very steep slope, just below cliff; dark brown soil; some organics: very little  
soil here

SW-SO-9517 : on steep old talus slope with scattered jackpines ; light brown soi ; sandy silty;  
num. rx; slightly reddish

- SW-SO-9518 : light reddish brown; sandy, silty, stony on talus slope with low shrubs and ground cover; edge of vegetation kill zone
- SW-SO-9519 : brown; stony
- SW-SO-9520 : medium brown with slightly reddish tinge; on ocp of calc. marble and c.g. dol.
- SW-SO-9521 : black organic soil; probably slid from above; steep slope
- SW-SO-9522 : in grove of large spruce ; dark brown soil reddish tinge; probably some organic content
- SW-SO-9523 : slight reddish brown B horizon over grey/brown C; many rounded pebbles; looks like gravel, rather than from above, probably on esker or similar deposit
- SW-SO-9524 : probably esker; grey/brown; silty, sandy, stony; rounded pebbles; low slope
- SW-SO-9525 : same as last two; lower edge of esker
- SW-SO-9526 : at toe of hill to W, just a few metres from meadow; medium orange/brown ; very stony; silt, sand; rounded stones; esker type material
- SW-SO-9527 : 50m from last sample; on old baseline; sandy gravel; dark brown; slightly reddish; Glacial material
- SW-SO-9528 : light brown; silty; few pebbles; similar to next three or four relatively flat
- SW-SO-9529 : flat; same as 9530; light medium brown; silty, fine sand with few pebbles
- SW-SO-9530 : light grey/brown; silty, clayey; minor pebbles; flat; edge of meadow
- SW-SO-9531 : flat; spruce trees; just SW of meadow/muskeg; light grey/brown; silty soil with few pebbles
- SW-SO-9532 : flat area; medium brown; clayey, silty soil; few pebbles
- SW-SO-9533 : old cut line 4m W ; medium brown; sandy, silty; grassy with scattered poplar and spruce; just S of 2-3m high boulder ridges
- SW-SO-9534 : at base of slope, probably old bank of stream; light brown; mostly sand, silt ; 40% pebbles; Glacial ?
- SW-SO-9535 : old cut line 4m W; low to medium slope to NE and E ( on a nose ); forested; no ocp, light brown sand with rounded cobbles to 15 cm; esker or terrace; no local material

- SW-SO-9536 : light brown; sandy, gravelly material with some silt; not as sandy as last; very stony; cobbles are mostly subangular sil-dol with minor rounded exotics; large local content
- SW-SO-9537 : sample from beside pile of silica-dolomite; locally derived; light brown silty soil; num. rx
- SW-SO-9538 : light brown; sandy, silty soil; two cobbles of exotic material; looks mostly Glacial material here; some pieces of sil-dol nearby
- SW-SO-9539 : low slope; light brown ( sandy colour ); silt sand with pebbles and cobbles and angular float of sil-dol.
- SW-SO-9540 : steep slope; brown; sandy; ( not as sandy as 9541 )
- SW-SO-9541 : dark brown; sandy loam; medium rounded cobbles; steep slope; probably some organic content
- SW-SO-9542 : medium brown; sandy, gravelly
- SW-SO-9543 : moderately steep slope; 50% exotic boulders and cobbles and 50% talus; medium brown; silty soil; feels slightly organic
- SW-SO-9544 : steep slope; in trees, as all above; dark brown; silty, sandy, gravelly; talus and Glacial material
- SW-SO-9545 : moderately steep near bottom of slope - 15m ; dark brown; sand/gravel round and angular from above
- SW-SO-9546 : medium brown; silty, stony ( 30% ); appears to be mostly rounded pebbles and small cobbles; low slope; some sort of terrace ?

## Knoll Prospect Area

- KN-SO-9501 : SW side of hill; sandy loam soil; dark brown; possible kill zone; no trees, only grass
- KN-SO-9502 : right at top of bank overlooking showing; sandy loam; dark reddish brown; note- distances corrected for slope
- KN-SO- 9503 : on path leading along edge of ridge; dark brown/grey; gravelly; numerous carb. pebbles
- KN-SO- 9504 : between here and last station, slope littered with sil-dol float generally to < 1'; soil is essentially gravel (light sandy colour ) with 50% pebbles and balance mostly sand
- KN-SO-9505 : between here and last slope, still littered with sil-dol rk; low slope (plateau); mixture of light sandy loam and light grey sand/gravel; about 20m back we saw soil
- KN-SO-9506 : relatively flat mossy (groundcover); light loam; silty with few pebbles; probably underlain by carb. here; abundant sil-dol float not apparent here
- KN-SO-9507 : area of sink holes; mixture of light brown silt and grey/brown sand ( gravelly );
- KN-SO- 9508 : in area of many sink holes; scattered fir, thin grassy; light brown sandy and gravelly
- KN-SO-9509 : at site of rock sample KN95-W006; light brown sandy and gravelly; beside sink hole; 44200 \*
- KN-SO-9510 : yellowish sand/gravel; low slope; sink holes; 45100 \*
- KN-SO-9511 : rubble on bare slope; medium brown; 50m from last @ 110 degrees; on steep slope to next bench; 34300 \*
- KN-SO-9512 : most of rubble on slope ( fairly small pieces ) is dol, i.p. w. bx as below, i.p. w. up to 20% sil; light sandy grey; 35200\*
- KN-SO-9513 : grey sand/gravel sil-dol rubble; 36100 \*
- KN-SO-9514 : top of hill - sil-dol ocp; 45100 \*
- KN-SO-9515 : start traverse in notch; light brown; sandy gravelly; 24400 \*

\* 35200 = 30% stones, 50% sand, 20% silt, 0% clay, 0% organics



- KN-SO-9516 : top minus 15m; dark brown; stony, sandy, silty; low slope; 23500 \*
- KN-SO-9517 : light brown/yellow; moderate slope; 35200 \*
- KN-SO-9518 : like crushed aggregate; light grey gravel; moderate slope; abundant sil-dol float; forested all the way down but relatively open; 64000 \*
- KN-SO-9519 : reddish brown loam; near ocp of red. weath. dol.; 43300 \*
- KN-SO-9520 : very stony; red dol. float; dark brown, slightly reddish; 62200 \*
- KN-SO-9521 : dark brown; loamy organic; steep slope with trees; 40402 \*
- KN-SO-9522 : dark reddish brown; loamy ; silty organic; 41401 \*
- KN-SO-9523 : slope starts to flatten; light brown; blocky, clayey till ?; 31150 \*
- KN-SO-9524 : on slope above Crag prospect; medium brown; silty, sandy loam; 24400 \*
- KN-SO-9525 : light brown/grey; sandy, silty stony; area of abundant ocps of sil-dol rk; 35200 \*
- KN-SO-9526 : light sandy brown; moderate slope; 44200 \*
- KN-SO-9527 : light brown/grey; sandy, gravelly; 34300 \*
- KN-SO-9528 : medium brown; sandy, silty stony soil; 33400 \*
- KN-SO-9529 : medium brown/dark brown; sandy, silty; moderate slope ; 34300 \*
- KN-SO-9530 : light sandy brown (more sandy and lighter than above); moderate slope; 25300 \*
- KN-SO-9531 : light yellow/sandy brown; looks like fluvial Glacial sand; moderate slope; 24400 \*
- KN-SO-9532 : same as above but more loamy; moderate slope; 23500 \*
- KN-SO-9533 : similar to above ; light yellow/brown; silty; moderate slope ; 23500 \*
- KN-SO-9534 : similar to above but light yellow/brown; silty loam; moderate slope finer-grained; light forest, junipers, spreading fir, occasional large tree; 22600 \*

\* 35200 = 30% stones, 50% sand, 20% silt, 0% clay, 0% organics

- KN-SO-9535 : slightly darker than above; medium brown, slightly reddish; silty, stony; first break in slope, all above was moderate slope, small hump here, small bench ? ; first heavy forest, 23500 \*
- KN-SO-9536 : low slope in thick forest with many deadfalls; medium brown; silty, fine gravelly; 33400 \*
- KN-SO-9537 : moderately steep slope, traverse down N face of knol ; medium dark brown/grey gravelly; double samples; 34300 \*
- KN-SO-9538 : similar to above, mostly rk talus here; tough to get a sample; basically gravel; 63100\*
- KN-SO-9539 : moderately steep slope; dark brown; grave ; we are following the gully down; 52201 \*
- KN-SO-9540 : grey/brown; gravelly; numerous talus pieces of v. siliceous dol (porcellanite); appears to be a sil-bx below the carb. bx; 44200 \*
- KN-SO-9541 : light/medium slightly reddish brown; moderately steep, as above; samples taken all along from just beside gully, on bank; 34300 \*
- KN-SO-9542 : very stony; mostly rk talus; medium grey/brown; sandy, stony debris; note - some of the samples may be from the edge of the slide (gully) and not just talus; 44200 \*
- KN-SO-9543 : possibly in slide that runs down side of knoll; mixture of light yellowish sandy silt and dark brown silt or loam; possibly mixed by slide ?; 24400 \*
- KN-SO-9544 : site of Cominco sample; near edge of slide area; no number on ribbon; light brown sandy , stony, silty ; 24400 \*
- KN-SO-9545 : light brown ( slightly yellowish ; silty fine talus; 32500 \*
- KN-SO-9546 : in woods at edge of old slide, which here is 50-75m wide; reddish brown; silty (loamy ) slightly organic ?; 22501 \*
- KN-SO-9547 : end of traverse; this site veered off into the woods to the W; medium brown; gravelly; feel talcose some clay; note - large boulder (2x2m) beside site; 31420 \*
- KN-SO-9548 : at site of Cominco 222503, just S of confluence of two creeks; about 4m above grassy flood plain in bank of coarse Glacial fluvial material; exotic boulders and cobbles; slightly reddish medium brown; sand/silt; 43300 \*

\* 35200 = 30% stones, 50% sand, 20% silt, 0% clay, 0% organics

- KN-SO-9549 : in meadow on small knoll of umaf. boulders; probably derived from cirque at 240 degrees; light grey brown; sand/silt; very stony; start of traverse; flat ; 43300 \*
- KN-SO-9550 : in meadow just E of creek; flat knoll w. umaf. bldrs and gravel; slightly reddish, medium brown; 43300 \*
- KN-SO-9551 : edge of meadow; flat; beside woods; dark brown ; gravelly ; possibly slightly organic ; 42301 \*
- KN-SO-9552 : flat; in valley ( draw ); very stony; just ( 5m ) from base of hill; dark brown; slightly clayey 32320 \*
- KN-SO-9553 : low slope; on N side of draw, just above base of slope; medium brown; sand/silt; 24400 \*
- KN-SO-9554 : low slope; base of slope just above path; medium yellow/brown; slightly clayey; 23320 \*
- KN-SO-9555 : on low slope 3m above path; all samples on N side; medium brown; 32320 \*
- KN-SO-9556 : near W end of pond; on N slope 3m above pond level; medium slope; reset counter; light brown; sandy gravel; slightly reddish; 23500 \*
- KN-SO-9557 : 3m above pond; medium brown sandy loam; on moose path ; 23401 \*
- KN-SO-9558 : medium brown ( slightly reddish tinge ); silty; 23500 \*
- KN-SO-9559 : on S slope 5m above stream; steep slope; pebbles of Gilliland Tuff (GT); very stony; some angular; pebbles mostly; medium brown; 32500 \*
- KN-SO-9560 : on N slope 3m above stream; dark brown, slightly organic; small talus GT? ; 52201 \*
- KN-SO-9561 : on S slope 3m above stream; very rocky; dark brown; old talus of G.T.; 52201 \*
- KN-SO-9562 : on S slope 2m above stream; medium brown; slightly clayey; 32320 \*
- KN-SO-9563 : S side, 1m above valley; old talus; much black shale; all angular talus; small dark brown; 33400 \*
- KN-SO-9564 : S side 3m above stream talus; and boulders; mainly boulders; dark brown; 42301 \*

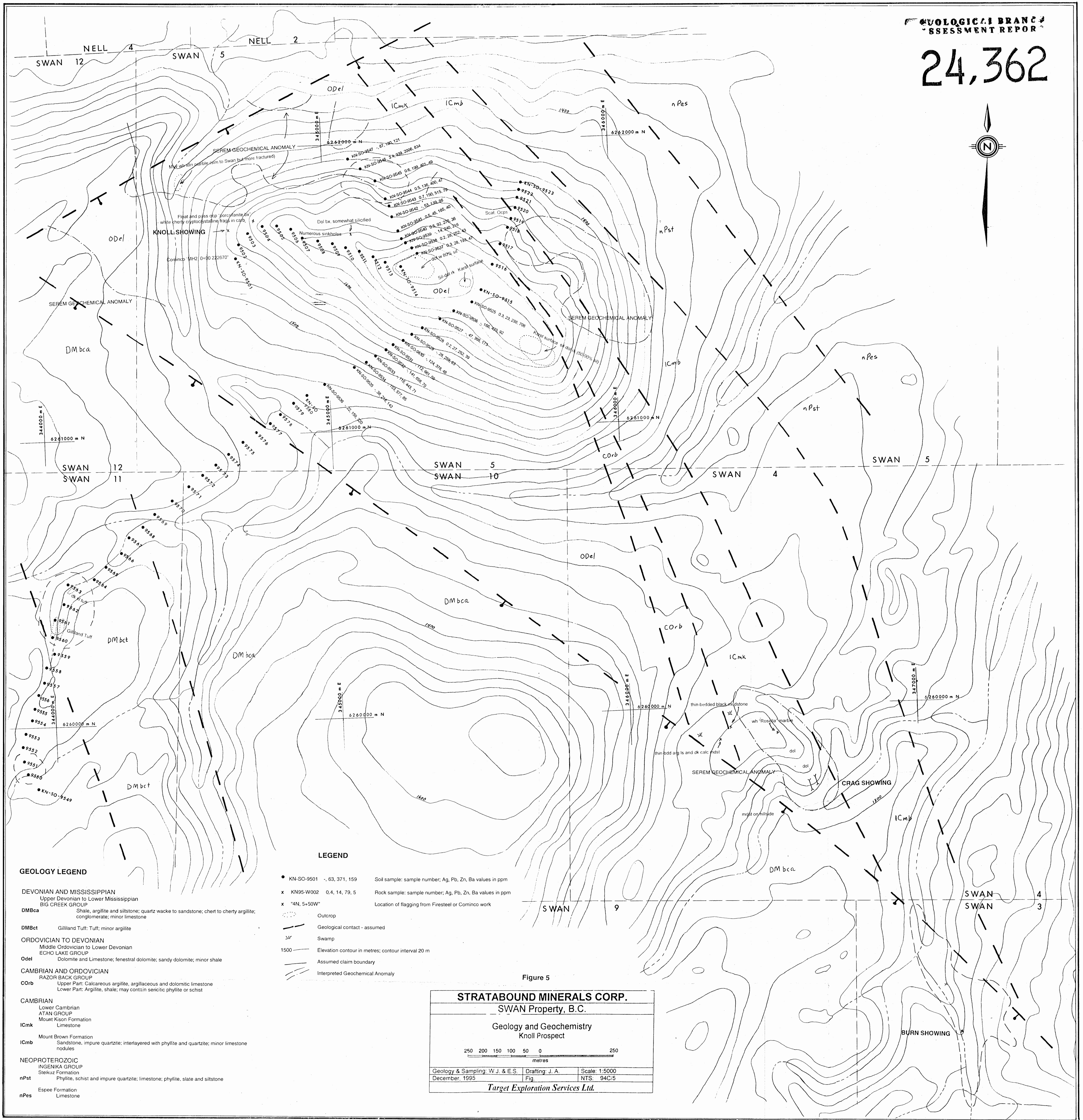
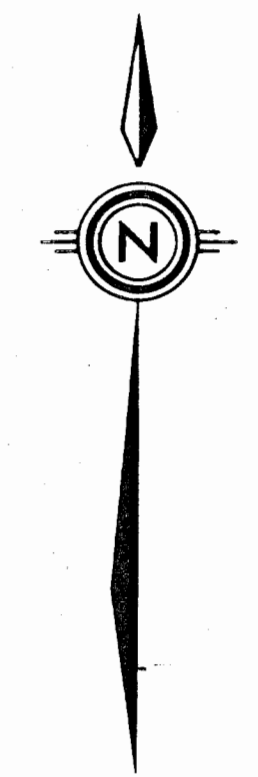
\* **35200 = 30% stones, 50% sand, 20% silt, 0% clay, 0% organics**

- KN-SO-9565 : S side 2.5m above; dark reddish brown; gravelly Glacial-fluvial deposit; 43300 \*
- KN-SO-9566 : S side, up 3m; medium brown; slightly clayey; 32410 \*
- KN-SO-9567 : S side, up 3m; light medium brown; 32410 \*
- KN-SO-9568 : S side, low grassy slope, 3m above stream ; medium reddish brown; slightly gravelly ; 43300 \*
- KN-SO-9569 : on small knoll on N side of stream, just down from junction; medium dark brown; sandy, gravelly; 34300 \*
- KN-SO-9570 : light grey/brown; rounded pebbles and cobbles; wooded; 43300 \*
- KN-SO-9571 : low slope, wooded; light/medium; yellow/brown ; 32410 \*
- KN-SO-9572 : flat, sparsely wooded; medium yellow/brown; 32410 \*
- KN-SO-9573 : flat, wooded; medium yellow reddish brown; silty ; 22510 \*
- KN-SO-9574 : flat, park like, wooded; medium yellow/brown; silty; slight knol ; 22510 \*
- KN-SO-9575 : moderate slope to E, thickly wooded; light grey/brown; sandy soil with rounded cobbles; 25300 \*
- KN-SO-9576 : slope to E; wooded; dark reddish brown; very gravelly; 43300 \*
- KN-SO-9577 : flat; pile of large boulders; wooded; dark reddish brown; silty ; 43300 \*
- KN-SO-9578 : flat, rocky, just SE of our lake, wooded; medium reddish brown; silty; 33400 \*
- KN-SO-9579 : low, wooded, just behind camp; medium reddish brown; gravelly soil with possible talus; 33400 \*
- KN-SO-9580 : on steep slope ( from knoll ) 3m above old stream channel; medium reddish brown; very stony; mostly rounded cobbles and pebbles; 43300 \*

\* **35200 = 30% stones, 50% sand, 20% silt, 0% clay, 0% organics**

## APPENDIX 5 STATEMENT OF EXPENDITURES

FIELD PERSONNEL/CONSULTANT	\$11,776.25
FOOD AND ACCOMMODATION	1531.53
MOB/DEMOB IN BC	193.28
AIRCRAFT	8,315.33
VEHICLE RENTAL	939.39
EQUIPMENT AND SUPPLIES	1,256.22
INSTRUMENT RENTALS	268.00
LABORATORY	4,680.15
REPORT AND PREPARATION	6,562.58
CONTRACT	519.25
MANAGEMENT	1,200.00
	<hr/>
	\$37,241.98



LEGEND

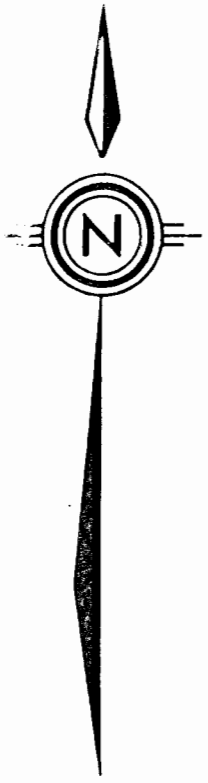
- KN-SO-9501 - .63, 371, 159 Soil sample: sample number; Ag, Pb, Zn, Ba values in ppm
- x KN95-W002 0.4, 14, 79, 5 Rock sample: sample number; Ag, Pb, Zn, Ba values in ppm
- x "4N, 5+50W" Location of flagging from Firesteel or Cominco work
- Outcrop
- Geological contact - assumed
- ≡ Swamp
- 1500 Elevation contour in metres; contour interval 20 m
- Assumed claim boundary
- Interpreted Geochemical Anomaly

GEOLOGY LEGEND

- DEVONIAN AND MISSISSIPPIAN**  
Upper Devonian to Lower Mississippian  
**BIG CREEK GROUP**  
DMbca Shale, argillite and siltstone; quartz wacke to sandstone; chert to cherty argillite; conglomerate; minor limestone
- DMbct Gulliland Tuff; minor argillite
- ORDOVICIAN TO DEVONIAN**  
Middle Ordovician to Lower Devonian  
**ECHO LAKE GROUP**  
Odel Dolomite and Limestone; fenestral dolomite; sandy dolomite; minor shale
- CAMBRIAN AND ORDOVICIAN**  
**RAZORBACK GROUP**  
COrb Upper Part: Calcareous argillite, argillaceous and dolomitic limestone  
Lower Part: Argillite, shale; may contain sericitic phyllite or schist
- CAMBRIAN**  
Lower Cambrian  
**ATAN GROUP**  
ICmk Mount Kison Formation  
Limestone
- ICmb Mount Brown Formation  
Sandstone, impure quartzite; interlayered with phyllite and quartzite; minor limestone nodules
- NEOPROTEROZOIC**  
**INGENIKA GROUP**  
nPst Steikuz Formation  
Phyllite, schist and impure quartzite; limestone; phyllite, slate and siltstone
- nPes Espee Formation  
Limestone

Figure 5

<b>STRATABOUND MINERALS CORP.</b>	
SWAN Property, B.C.	
Geology and Geochemistry Knoll Prospect	
250 200 150 100 50 0 250 metres	
Geology & Sampling: W.J. & E.S. December, 1995	Drafting: J. A. NTS: 94C/5
Scale: 1:5000	
Target Exploration Services Ltd.	



LOGICAL BRANCH  
ASSESSMENT REPORT

# 24,362

Figure 4

- LEGEND**
- Cominco 1993 Soil Geochemical Survey; Zn values in ppm
  - Cominco 1993 Soil Geochemical Survey; Pb values in ppm
  - Serem 1973 Soil Geochemical Survey; Zn values in ppm
  - Serem 1973 Soil Geochemical Survey; Pb values in ppm
  - Interpreted Geochemical Anomaly

<b>STRATABOUND MINERALS CORP.</b>		
SWAN Property, B.C.		
Geochemistry Compilation and Interpretation Swan Grid		
Geology & Sampling: W.J. & E.S. December, 1995	Drafting: J.A. Fig. 94C/6	Scale: 1:2500 NTS: 94C/6
<i>Target Exploration Services Ltd.</i>		



**GEOLOGY LEGEND**

- DEVONIAN AND MISSISSIPPIAN**  
**BIG CREEK GROUP**  
**DMBca** Shale, argillite and siltstone; quartz wacke to sandstone; chert to cherty argillite; conglomerate; minor limestone
- ORDOVICIAN TO DEVONIAN**  
**ECHO LAKE GROUP**  
**Odel** Dolomite and Limestone; fenestral dolomite; sandy dolomite; minor shale

- CAMBRIAN AND ORDOVICIAN**  
**RAZOR BACK GROUP**  
**COrb** Upper Part: Calcareous argillite, argillaceous and dolomitic limestone  
 Lower Part: Argillite, shale; may contain sericitic phyllite or schist
- CAMBRIAN**  
**ATAN GROUP**  
**ICmk** Mount Kison Formation  
 Limestone
- Mount Brown Formation**  
**ICmb** Sandstone, impure quartzite; interlayered with phyllite and quartzite; minor limestone nodules
- NEOPROTEROZOIC**  
**INGENIKA GROUP**  
**Stelkuz Formation**  
**nPst** Phyllite, schist and impure quartzite; limestone; phyllite, slate and siltstone
- Espee Formation**  
**nPes** Limestone

**LEGEND**

- x SW95-W002 0.4, 14, 79, 5 Rock sample: sample number; Ag, Pb, Zn, Ba values in ppm
- SW-90-501 - 63, 371, 159 Soil sample: sample number; Ag, Pb, Zn, Ba values in ppm
- x "4N, 5+50W" Location of flagging from Firesteel or Cominco work
- Outcrop
- - - Geological contact - assumed
- sw Swamp
- - - Approximate location old Serem grid line
- 1500 Elevation contour in metres; contour interval 20 m
- Claim Post located; assumed claim boundary

**GEOLOGICAL BRANCH**  
**ASSESSMENT REPORT**

**24,362**  
 Figure 3

<b>STRATABOUND MINERALS CORP.</b>		
SWAN Property, B.C.		
Geology and Geochemistry Swan Grid		
Geology & Sampling: W.J. & E.S. December, 1995	Drafting: J. A. Fig. 3 NTS: 94C/6	Scale: 1:2500
Target Exploration Services Ltd.		



**APPENDIX 5 STATEMENT OF EXPENDITURES**

FIELD PERSONNEL/CONSULTANT	\$11,776.25
FOOD AND ACCOMMODATION	1531.53
MOB/DEMOB IN BC	193.28
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INSTRUMENT RENTALS	268.00
LABORATORY	4,680.15
REPORT AND PREPARATION	6,562.58
CONTRACT	519.25
MANAGEMENT	1,200.00
	<hr/>
	\$37,241.98

## APPENDIX 5 - PAGE 2 - SWAN PROJECT

1. The Rap and Swan properties were worked on as part of the same project. The expenses shown above represent the portion of the total expenses for the combined Rap and Swan properties charged to each property. All expenses were pro-rated according to the approximate number of field days spent on the property - approximately 33% Rap and 67% Swan - worked on the property, except for helicopter costs which were charged 100% to Swan and for Lab charges which were charged according to the actual number of analyses from each property.

2. Personnel for the project were:

Geologist and Party leader

Wayne Johnson  
5 Pine St. N.  
Port Hope, Ont. L1A 3G4

Days worked	- preparation	- Aug 15-29	- 6 days
	- mob and demob	- Aug 30 - Sept. 2	
		- Sept 29, 30	- 4 days
	- field work	- Sept 9-25	- 17 days
	- report and wrapup	- Oct 1/95-Feb.29/96	- 21 days

Daily Rate - \$300

Assistant, soil sampling, trenching

Earl Scott  
Toronto Road  
Port Hope, Ont.

Days worked	- mob and demob	- Aug 30 - Sept. 2	
		- Sept 29, 30	- 3.5 days
	- field work	- Sept 9-25	- 17 days

Daily rate - \$175

3. Helicopter charters were provided by Pacific Western Helicopters Ltd. from a base at Mackenzie. The rate for the 206B was \$640 per hour plus fuel which was priced at \$0.65 or \$1.25 depending on location. Helicopter was used for camp moves and some field work with total time 11.3 hours.

## 4. Analytical charges were as follows:

Bondar Clegg - Inchcape Testing Services:

Crush/split and pulverize (rock)	\$5.00
Dry, sieve (soil)	1.75
Analysis of Ba, Ag, Pb, Zn	4.50 to 5.50 (for 4 elements)
Analysis by dilution or semiquant.	2.00
Assays - various prices depending On method and element	4.50 to 15.60

Activation Laboratories Ltd.

Sieving	2.50
Enzyme Leach - ICPMS	20.00