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GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORTS
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GEOLOGY AND GEOCHEMISTRY
RAP 1 AND 2 CLAIMS
Record Numbers 308217 and 308218
Osilinka River
Omineca Mining Division
Latitude 56°06'N Longitude 125°02'W
NTS 94C/3
Claims Owned by Stratabound Minerals Corp.

By

Wayne Johnson

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

24,352

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TARGET EXPLORATION SERVICES LTD.
FEBRUARY 27, 1996

SUMMARY

The Rap property is situated in north-central British Columbia. During the periods September 3-8 and September 26-28, a field program of rock and soil sampling was carried out on the property.

Soil geochemical sampling has indicated potential new areas of Pb-Zn-Ag-(Ba) mineralization. The anomalies occur in areas presumed to be underlain by Big Creek argillites just west of their contact with carbonates of the Echo Lake Group. Although the nature of the mineralization producing the soil geochemical anomalies is unknown, the pattern of the anomalies suggests the mineralization may be stratabound and of syngenetic origin. Limited rock sampling indicates elevated metal values in some areas of Big Creek sediments.

The enzyme leach pilot studies have demonstrated a potential exciting new exploration tool for this area. Additional soil sampling with both enzyme leach and conventional geochemical analyses is recommended.

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1.0 INTRODUCTION

1.1 GENERAL

The Rap property is situated in north-central British Columbia. During the periods September 3-8 and September 26-28, 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 Rap property comprises two claims, Rap 1 and 2 (tag numbers 30217 and 308218), made up of 20 and 8 units respectively. The claims were staked on March 20, 1992 and sold to Stratabound Minerals Corp. in 1993.

1.3 LOCATION AND ACCESS

The Rap property is located at approximately 56°06'N, 125°02'W and is within NTS map-area 94C/3. The property is approximately 230 kilometres by road northwest of Windy Point on Highway 97 and is 170 kilometres by air northwest of Mackenzie (Figure 1).

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, past the Omineca Logging Camp and then west along the Osilinka Mainline to km 21. At that point the Wasi Mainline road branches off and follows along the south side of the Osilinka River. The road crosses the boundary of the Rap property at about Km 20, at which point an access road branches to the south approximately following the boundary between the two claims. The western part of Rap 1 is also accessible by a rough road within a recently clearcut area. All work was done by foot or truck from a temporary camp on the property and from the Osilinka Logging camp for the later part of the program.

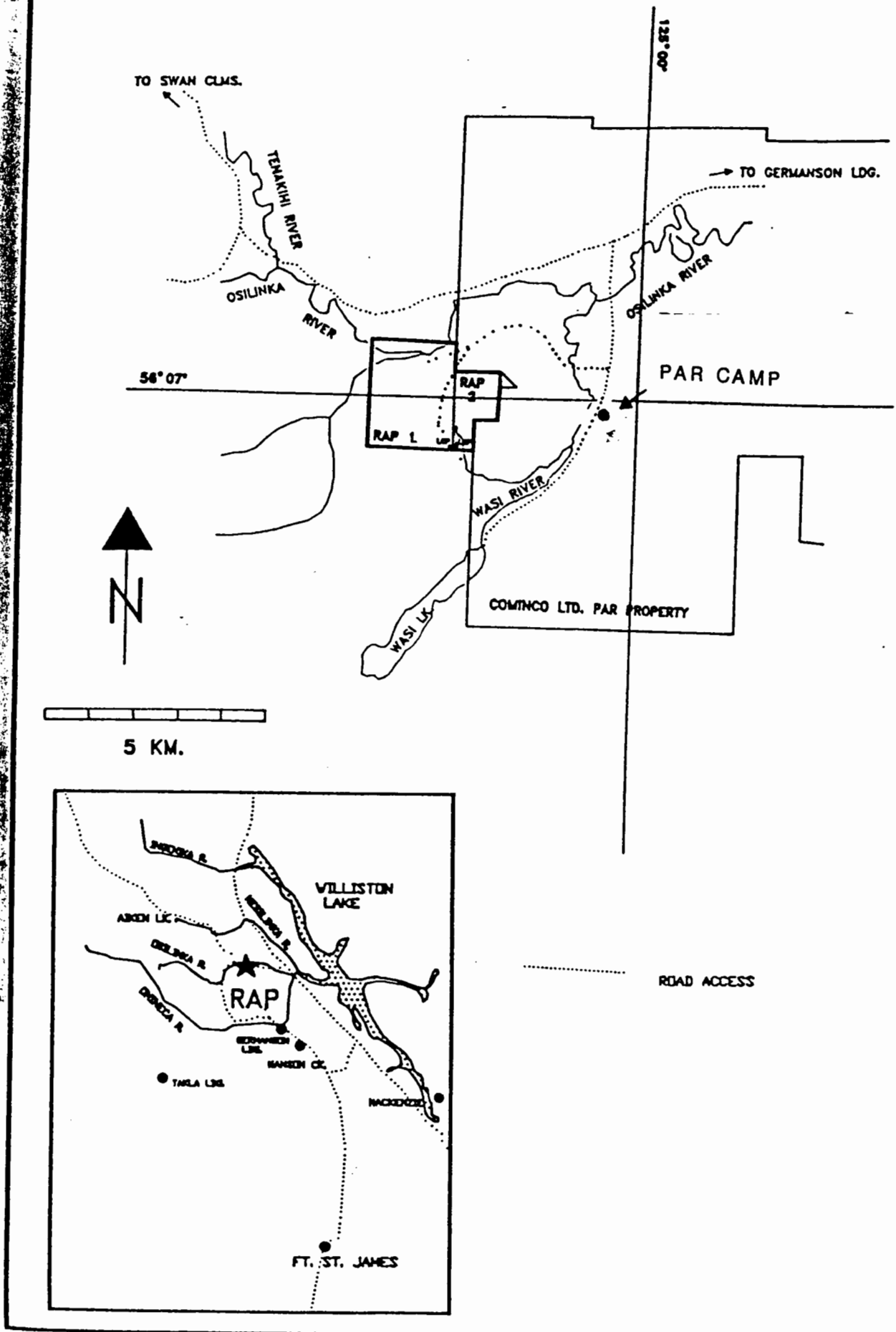
1.4 PREVIOUS WORK

The property was staked in 1992. That year, a program of contour soil geochemical sampling and limited silt sampling with some geological mapping was carried out by Firesteel Resources. This work identified some significant Pb-Zn-Ag soil and silt geochemical anomalies (Olfert, 1992).

In 1993, the property was sold to Stratabound Minerals Corp. which optioned it to Cominco Ltd. Cominco carried out a work program which included geological mapping and contour soil geochemical surveying. Soil sampling lines were run along preselected elevations and samples taken at 100 metre intervals. Although no mineralization was encountered, other than barite associated with chert in the southern part of Rap 1, some weakly anomalous but possibly significant Pb-Zn-Ag values were obtained from soil and silt samples in the northeast corner of Rap 2.

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

FIGURE 1: LOCATION MAP OF RAP CLAIMS



1.5 WORK DONE

Five soil sampling traverses were made from the Rap 1/Rap 2 access road to the hill which comprises much of Rap 2. These were to locate and provide new data on a geochemical anomaly detected by Cominco and Firesteel. In addition, a reconnaissance soil sampling traverse along the above access road, a traverse along the main haul road and a short traverse along an access road within the recently completed clearcut area on the west side of Rap 1 were carried out. Altogether, 120 soil samples and 9 silt samples were collected from the property. Eleven soils and nine silts (the first traverse) were sent to Bondar-Clegg for determination of Ag, Pb, Zn and Ba by a conventional analytical technique comprising ICP analysis following aqua regia digestion. Ninety-nine samples were sent to Activation Laboratories Ltd. for enzyme leach analysis of a large suite of elements. Ten rock samples were also collected and sent for analysis.

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. Figure 3, taken from Pegg (1992), shows compiled geology and mineral occurrences in the area of the Rap property, the most significant of which is the adjacent PAR property.

2.2 GLACIAL GEOLOGY

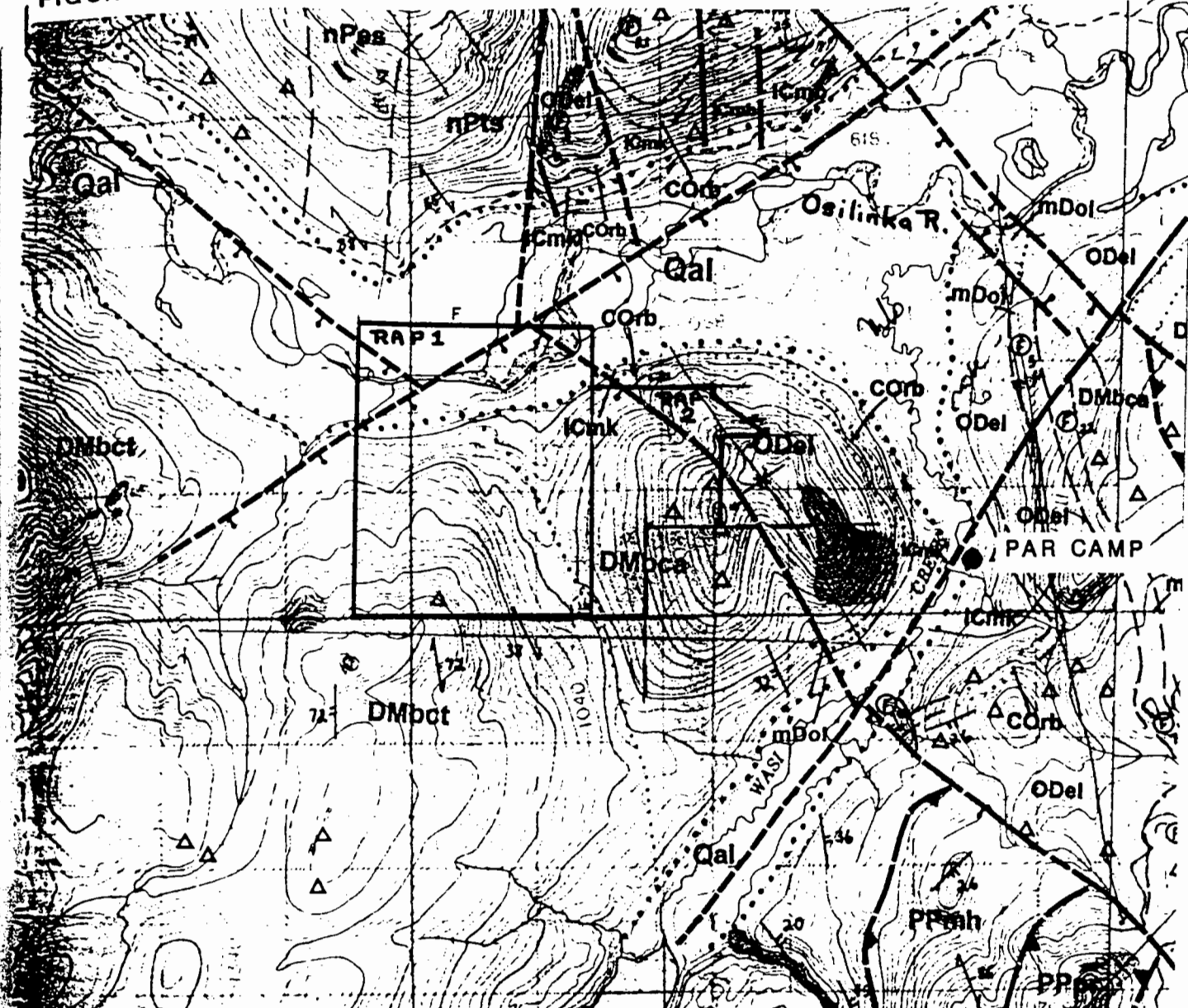
Roots (1954), in describing the glacial history, indicates that the predominant glacial direction was toward the northeast although this has been modified by or overprinted by valley glaciation toward the end of the glacial period. The result, therefore, is a somewhat complex picture which is beyond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

3.0 GEOLOGY OF PROPERTY

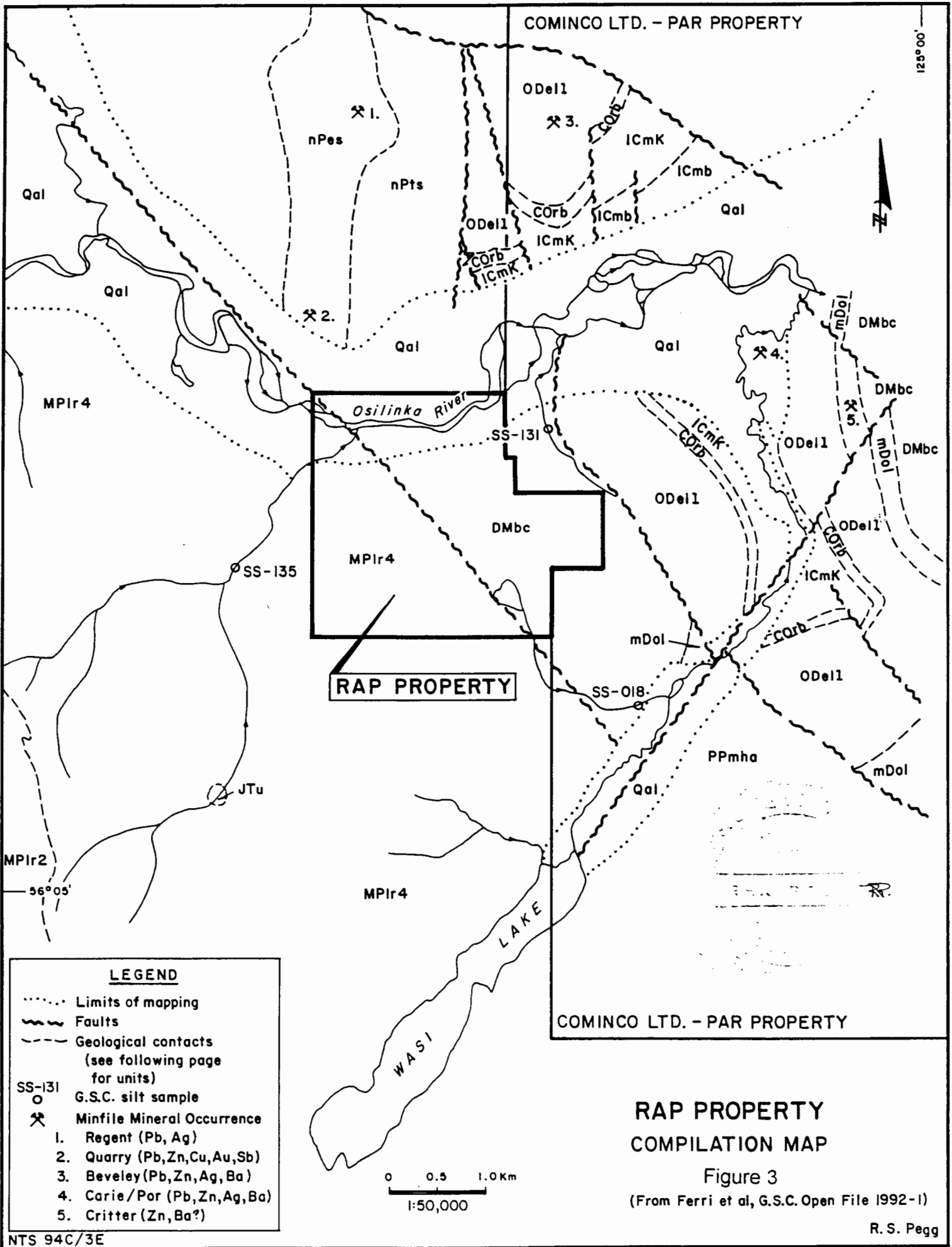
No systematic mapping was done during this program. Geology as shown on Figure 4 was generalized from previous workers as noted in the descriptions below. The reader is referred to these sources for their outcrop locations and detailed descriptions. Some of the outcrops and float encountered during the traversing described in this report are shown on Figure 4.

With the exception of the northeast corner of Rap 2, the entire property is believed to be underlain by Big Creek Group argillite and other clastic sediments. Dark fetid carbonates, presumably belonging to this group, were mapped along the central access road. The northeast corner of Rap 2 is underlain by carbonates of the Echo Lake Group. The contact between these two groups is interpreted by Ferri et al to be a fault.

FIGURE 2: LOCATION MAP OF RAP CLAIMS ON GEOLOGY MAP (FERRI 1993B)



- 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.
- DEVONIAN AND MISSISSIPPIAN
Upper Devonian to Lower Mississippian
BIG CREEK GROUP
- DMbca** SHALE, ARGILLITE AND SILTSTONE: dark grey, blue grey and black, thin to very thin bedded and platy to wavy bedded. QUARTZ WACKE 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.
- DEVONIAN
Middle Devonian
OTTER LAKES GROUP
- mDol** DOLOMITE AND LIMESTONE: dark grey to grey, folid, poorly bedded, locally fossiliferous. DOLOMITE: grey, massive.
- ORDOVICIAN 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 algal structures. FENESTRAL DOLOMITE: extensive lower in the unit. SANDY DOLOMITE: locally fossiliferous, found near the top of the unit. MINOR SHALE
- CAMBRIAN AND ORDOVICIAN
RAZOR BACK GROUP
- COrb** UPPER PART. CALCAREOUS ARGILLITE, ARGILLACEOUS AND DOLOMITIC LIMESTONE: both dark grey, thinly bedded.
LOWER PART. ARGILLITE, SHALE: dark grey to grey, green or silvery, thinly bedded. MAY CONTAIN SECTIONS OF SERICITIC PHYLLITE OR SCHIST. white to greenish.



LEGEND

- Limits of mapping
- ~~~~~ Faults
- - - Geological contacts (see following page for units)
- SS-131 G.S.C. silt sample
- ⌘ Minfile Mineral Occurrence
- 1. Regent (Pb, Ag)
- 2. Quarry (Pb, Zn, Cu, Au, Sb)
- 3. Beveley (Pb, Zn, Ag, Ba)
- 4. Carie/Par (Pb, Zn, Ag, Ba)
- 5. Critter (Zn, Ba?)

**RAP PROPERTY
COMPILATION MAP**

Figure 3
(From Ferri et al, G.S.C. Open File 1992-1)

R. S. Pegg

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 Figure 4.

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.

4.2 RESULTS

Four samples (RP95-W001 to W004) collected near the north boundary of Rap 2 show only background values with the exception of weakly anomalous Ba in two samples.

Two samples (W006, W007) of dk grey very fissile mudstone collected from the access road near the east boundary of Rap 1 show elevated levels of all four elements but particularly Ag (to 2.6 ppm), Pb (to 433 ppm) and Ba (to 1928 ppm). These high background(?) values may be indicative of either an alteration envelope around a massive sulphide body or of a mineralized stratigraphic interval, this location representing a distal portion.

Sample RP95-W010 is from an oxidized, red-brown weathering crumbly ocp of dark grey barely recognizable breccia or conglomerate near the western boundary of Rap 1. This sample yielded low Pb and Zn but anomalous Ag - 7.3 ppm - and >2000 ppm Ba. The significance of this sample is not understood, but the location warrants further rock and soil sampling.

5.0 SOIL GEOCHEMICAL SURVEYS

5.1 Sampling Method and Analytical Procedures

All soil 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. Silt samples were scooped by hand from a small creek along which previous sampling had located anomalous metal values. Samples are described in Appendix 4.

5.1.1 Conventional Soil and Silt 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. Because the sample population is 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. Results for these twenty samples are included in Appendix 2 and shown on Figure 4.

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 on Figure 4. The data are presented pictorially as a series of stacked profiles (see Figures 5, 6 and 7) for the elements which show significant variations.

5.2 Results

5.2.1 Rap 2 Hillside

With the exception of two samples, all twenty samples analyzed by the conventional method showed low values of Ag and Pb. Sample W005 yielded 108 ppm Pb and sample W008 yielded 969 ppm Pb. The latter sample was collected from an area where presumed Echo Lake Group limestone outcropped on a steep slope, whereas sample W005 is from an area underlain by Big Creek argillites. This area warrants further sampling on a low priority basis.

Nearly all samples analyzed by the conventional method, however, yielded elevated or weakly anomalous values (compared to other areas) of Zn and Ba. The silt samples RP-SL-9513 to 9517 are especially anomalous in Zn with values between 999 and 1941 ppm. Firestone had

previously obtained a similarly anomalous value from a silt sample from the same area, which is very close to the presumed fault(?) contact between the Echo Lake Group to the northeast and the Big Creek Group to the southwest. Further evaluation of the area of these anomalies is recommended.

For the four traverses on the Rap 2 hillside, to the west and southwest of the area described above (Figures 4 and 5a to 5c), Clark says "very strongly anomalous levels of several oxidation suite elements (Cl, V, Br, Mo, I and Sb) indicate that a reduced body in the subsurface is undergoing gradual oxidation. Extremely anomalous levels of Zn in virtually all the samples suggest that the sampling was not carried far enough into the surrounding area to get into background. Cobalt, Ni, Pb and Cd appear to form apical anomalies over the sources for those elements."

Chlorine, Br, Pb and Zn are particularly anomalous in several samples in the sequence 9521 to 9528. Sample 9521, which is immediately adjacent to the access road, is highly anomalous in Zn. Samples 9551 to 9563 are also highly anomalous in Iodine and to much lesser extent in Br, Mo and Sb. Within this sequence, Zn is particularly anomalous in samples 9559, 9560 and 9563. There is also a strong correlation with Pb in these samples. It should be noted that not all traverses across this area returned such highly anomalous values.

This evidence thus suggests an oxidizing body in the subsurface along the flank of the large hill on RAP 2 and just east of the access road. Ferri et al show this area to be underlain by rocks of the Big Creek argillite and to lie just west of the contact with the Echo Lake Group. Nearby schistosity and bedding attitudes indicate dips to the southwest at moderate angles. Although there is insufficient data to contour the results, a suggested interpretation of the location of the anomaly is shown in the Figure 4. This should be confirmed by additional sampling, which is recommended on a high priority basis.

5.2.2 Access Road

For the traverse (samples RP-SO-9564 to 9578A) along the access road near the boundary of claims Rap 1 and Rap 2, many of the same comments as above would appear to apply. However, since the samples are widely spaced, the results (Figures 6a to 6e) are difficult to interpret. These results should be integrated with further sampling as recommended below.

5.2.3 Wasi Mainline Road

Clark says that for the traverse (Figures 7a to 7e) along the Wasi Mainline, "there may be a central low of an oxidation halo between roughly 1000m and 1800m [samples RP-SO-9595 to 95108]. This is seen in Cl, Cu, Br, As, Sb and I. In particular, the extremely flat response for As and Sb across this central low is often indicative of this type of feature, in which case this low is over the reduced body that caused it. With a very strong oxidation cell, such as this appears to be, base metals often end up in the halo around the source rather than in an apical anomaly over the source."

This potentially very significant anomaly must be further investigated on a high priority basis. It should be noted that the anomaly, as with this entire traverse, lies within an area of glacio-fluvial

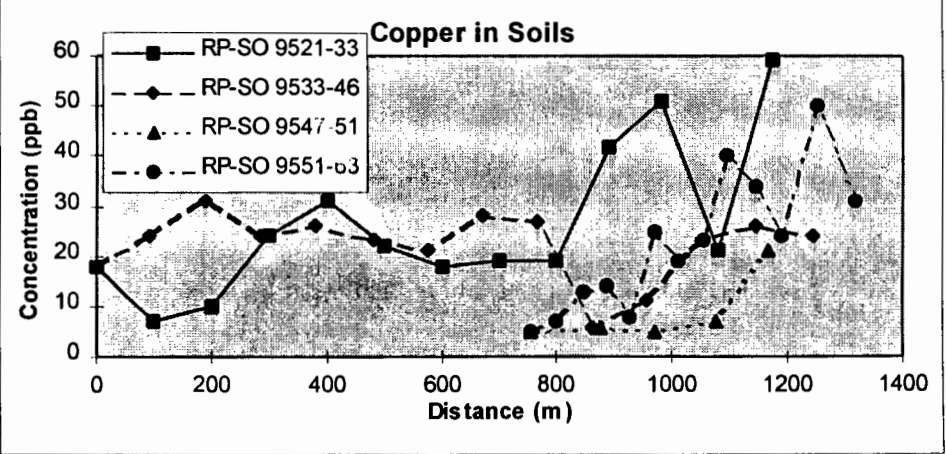
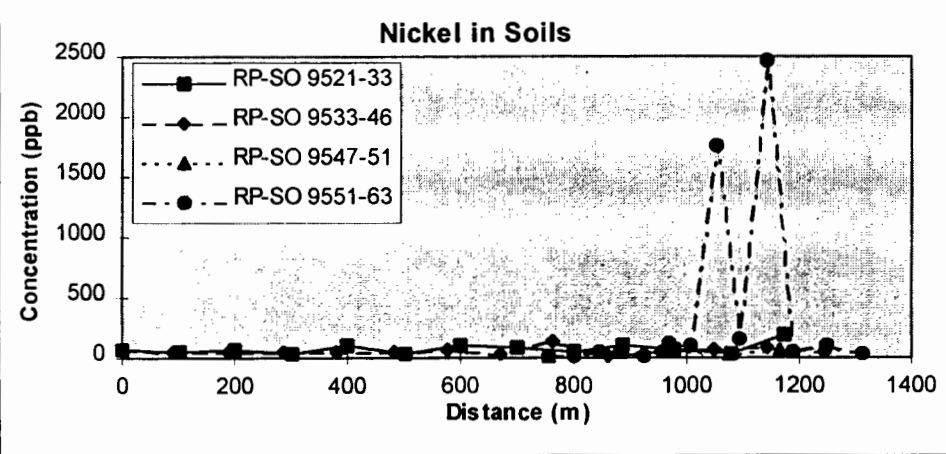
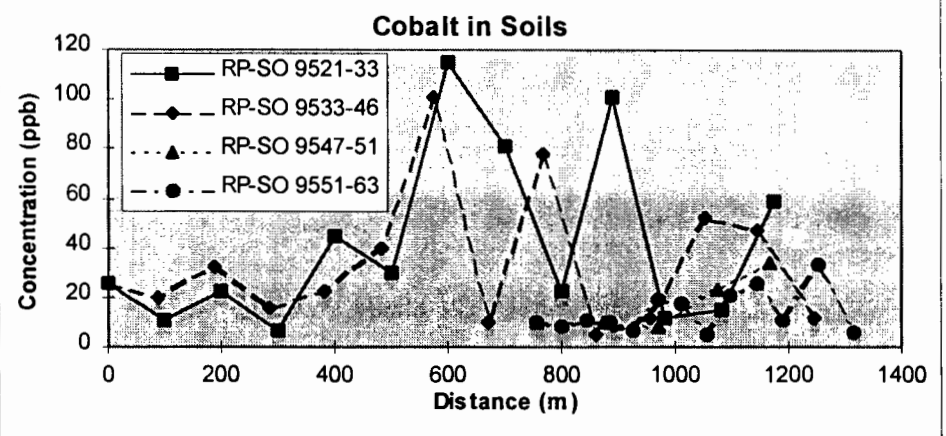
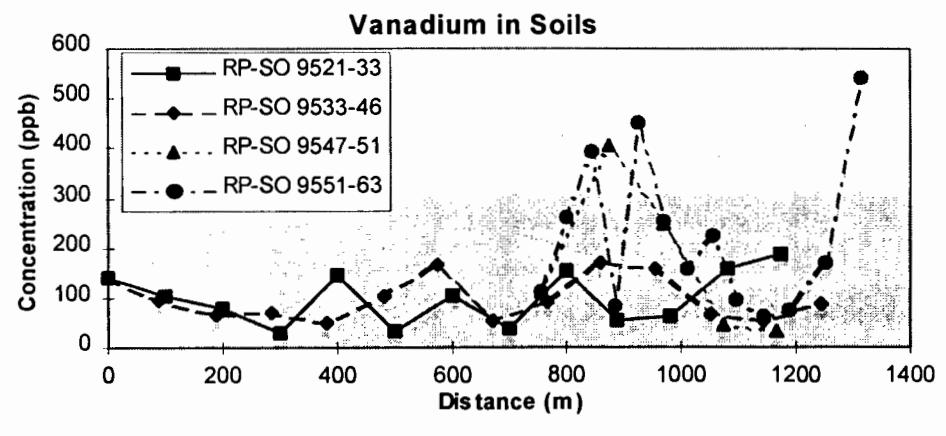
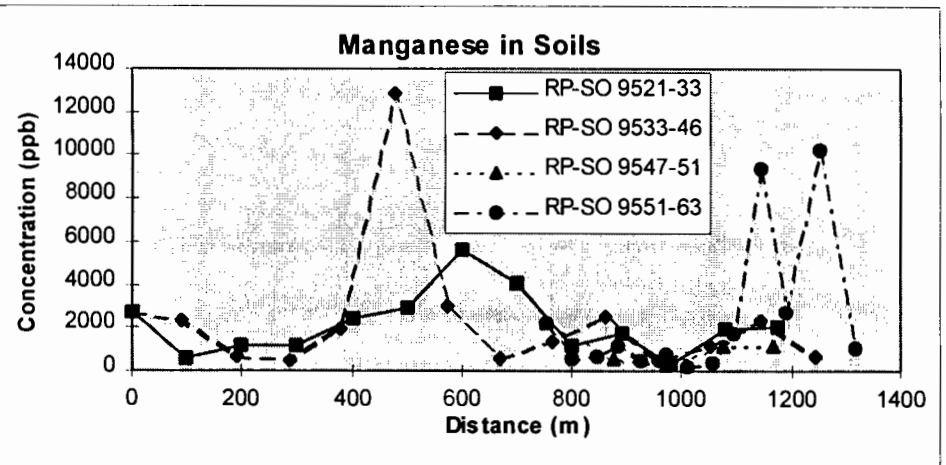
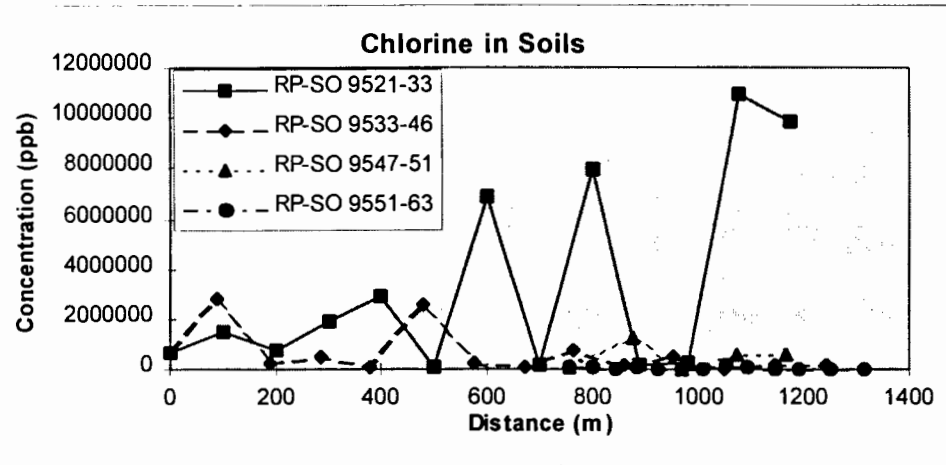


Figure 5a Enzyme Leach determined Cl, Mn, V, Co, Ni and Cu in soil samples collected from the Rap Property. Overlapping profiles are for 4 lines trending downslope on the east flank of the hill on the Rap property. Distance 0 marks the highest point on the hill.

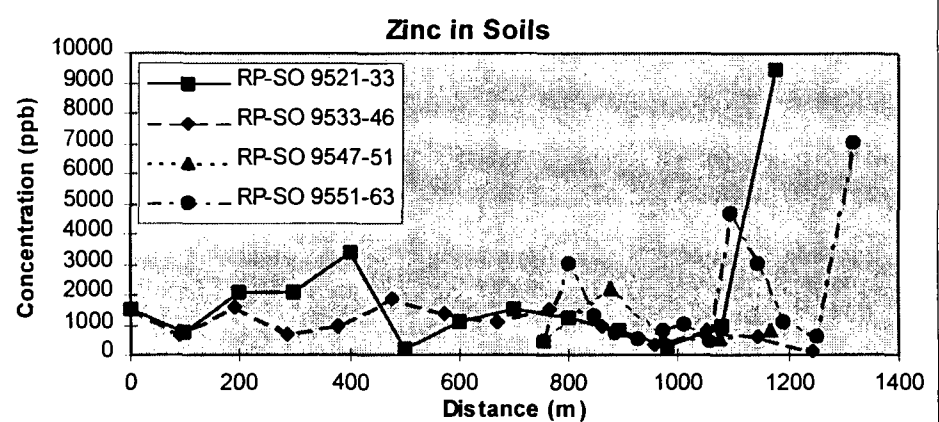
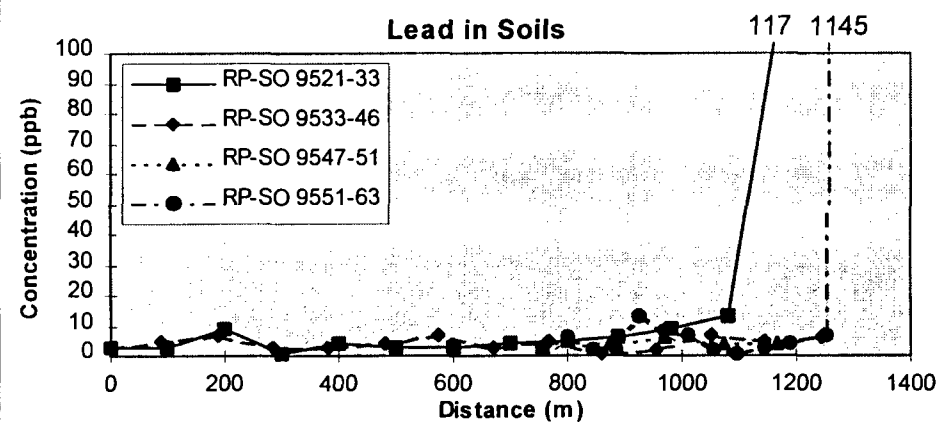
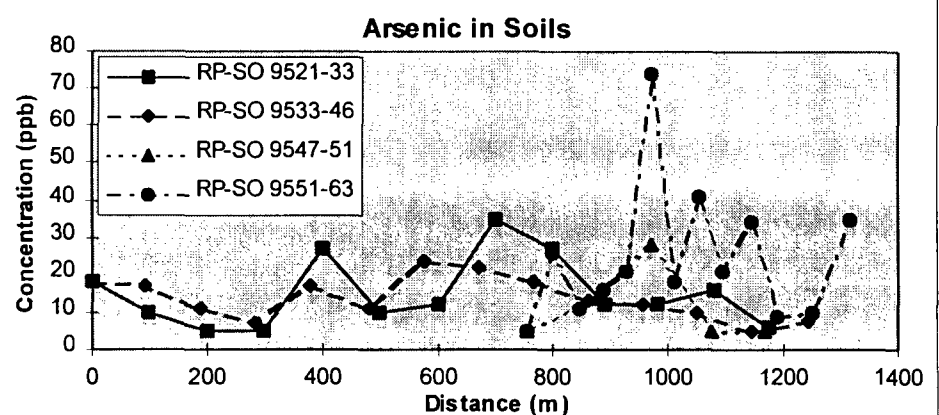
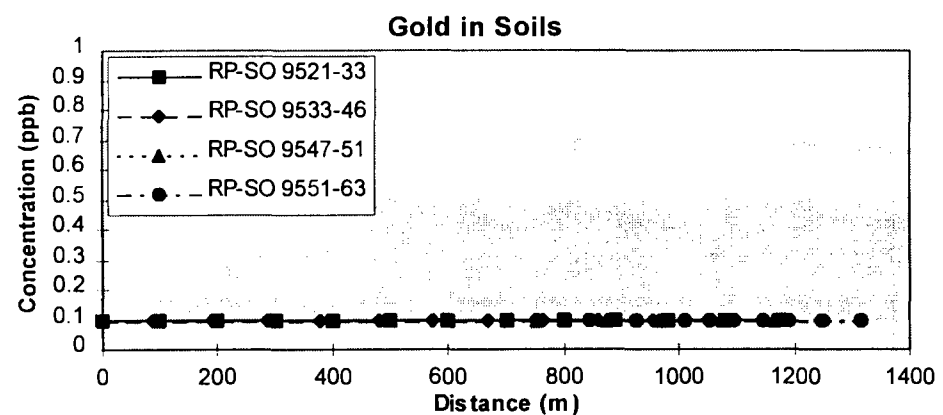
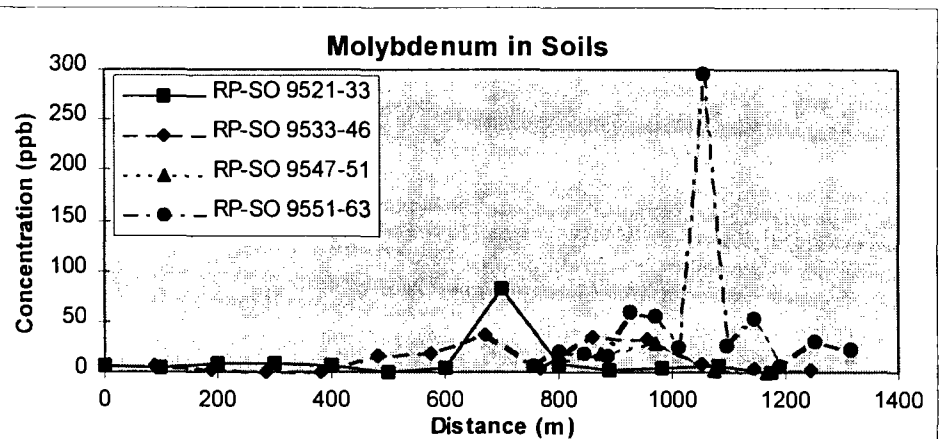
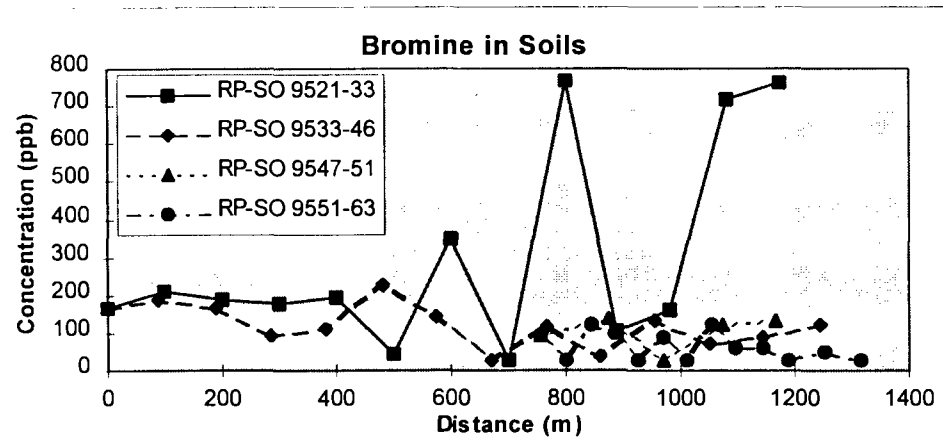


Figure 5b Enzyme Leach determined Br, Mo, Ag, As, Pb and Zn in soil samples collected from the Rap Property. Overlapping profiles are for 4 lines trending downslope on the east flank of the hill on the Rap property. Distance 0 marks the highest point on the hill.

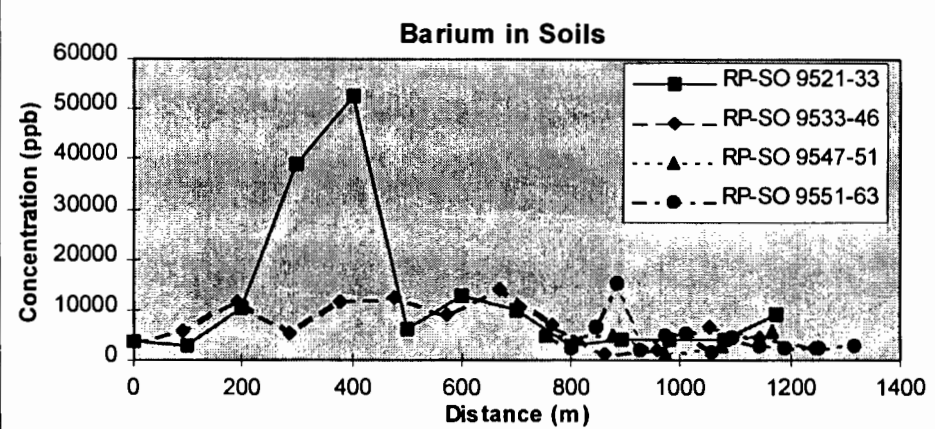
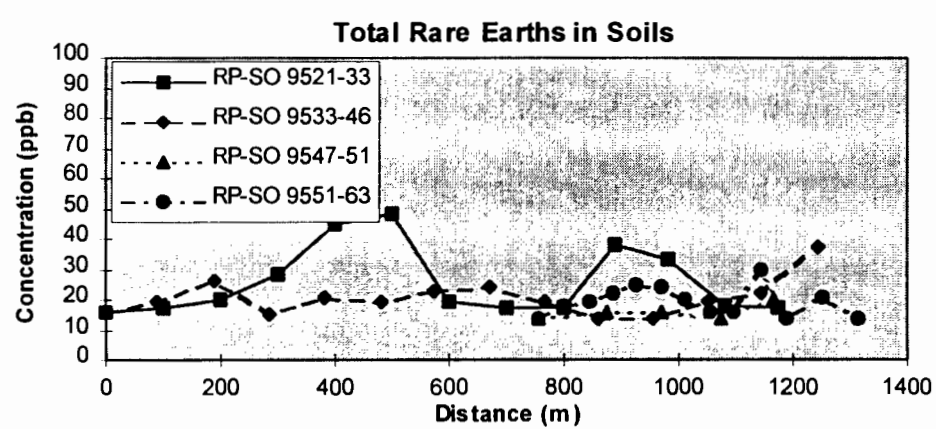
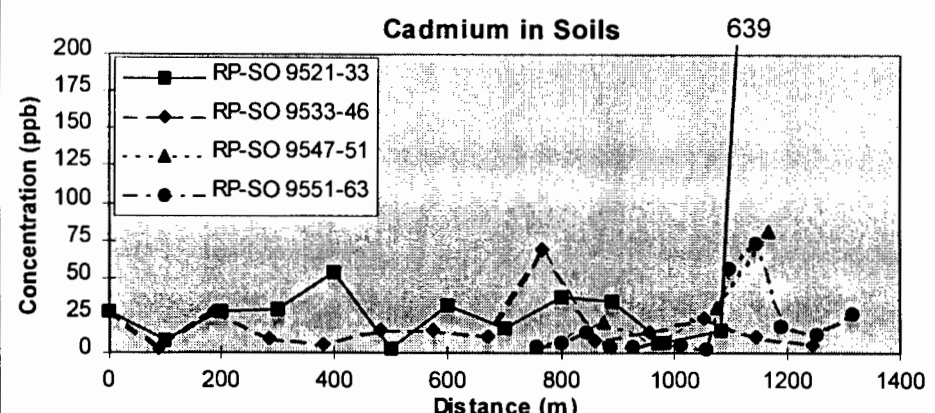
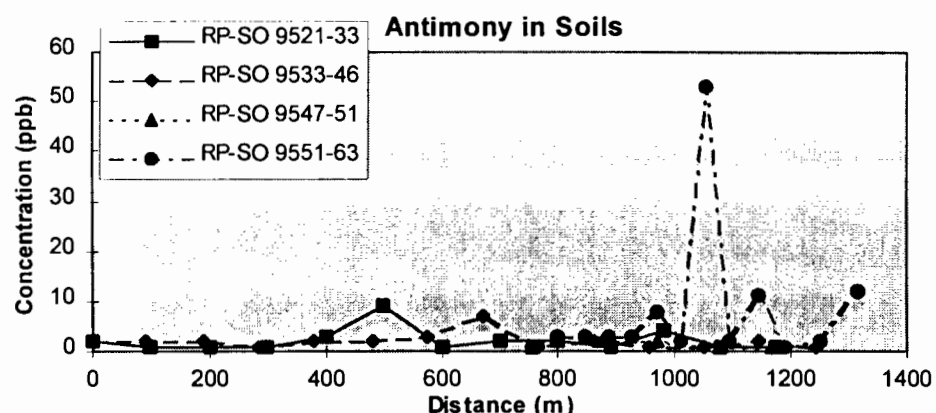
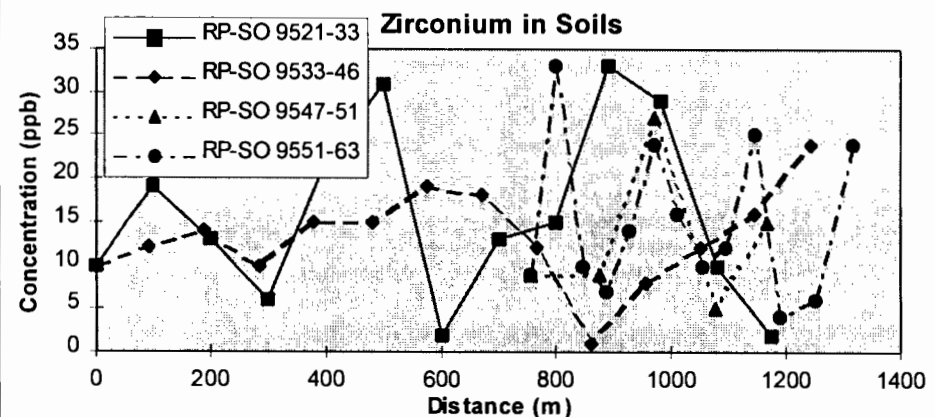
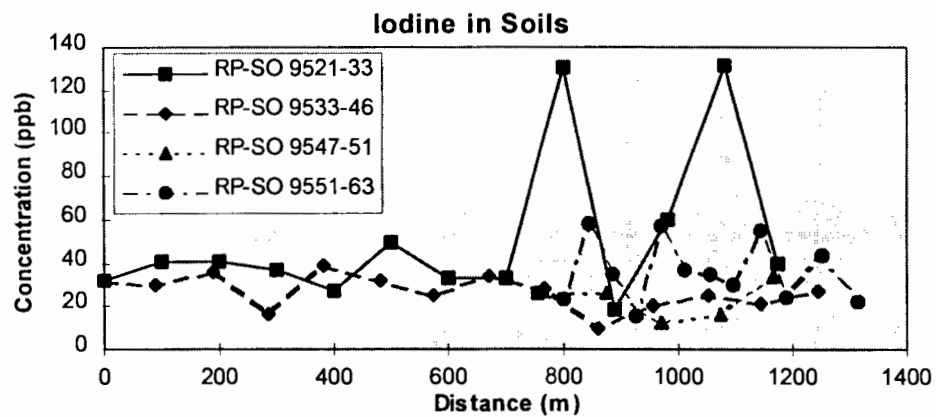


Figure 5c Enzyme Leach determined I, Zr, Sb, Cd, Total Rare Earths and Ba in soil samples collected from the Rap Property. Overlapping profiles are for 4 lines trending downslope on the east flank of the hill on the Rap property. Distance 0 marks the highest point on the hill.

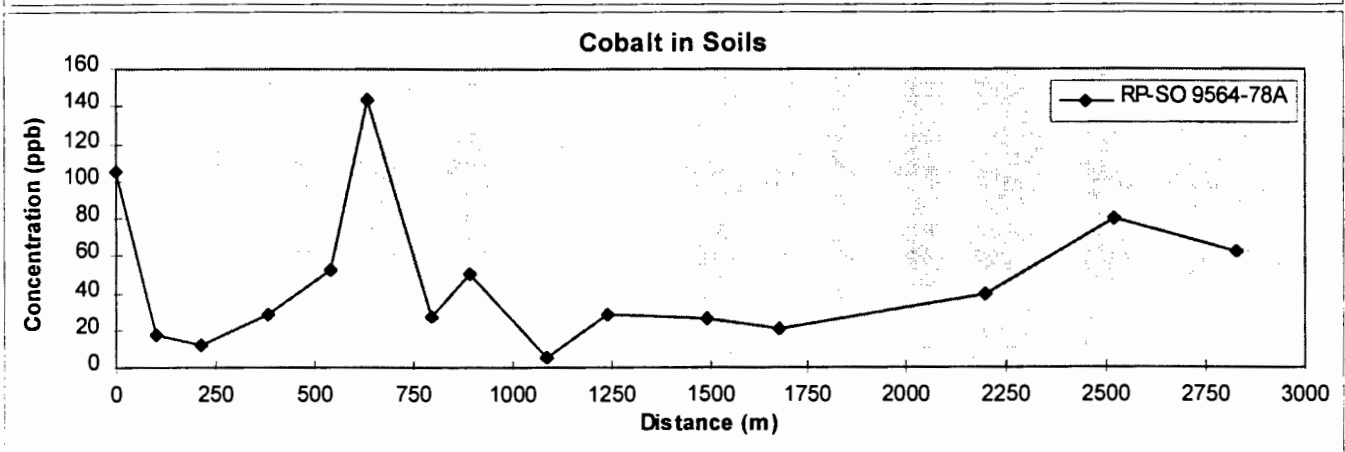
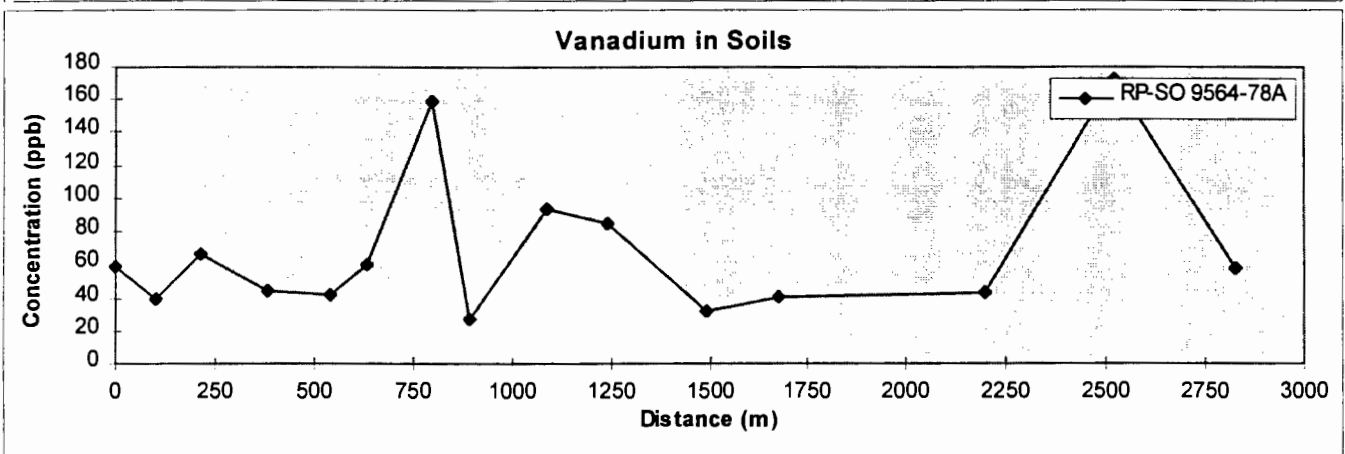
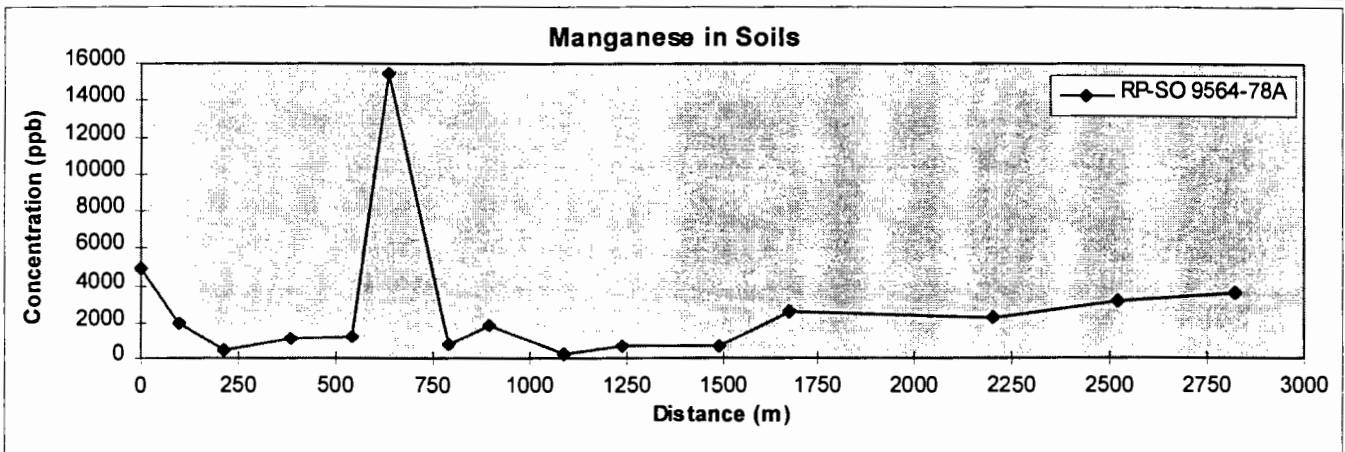
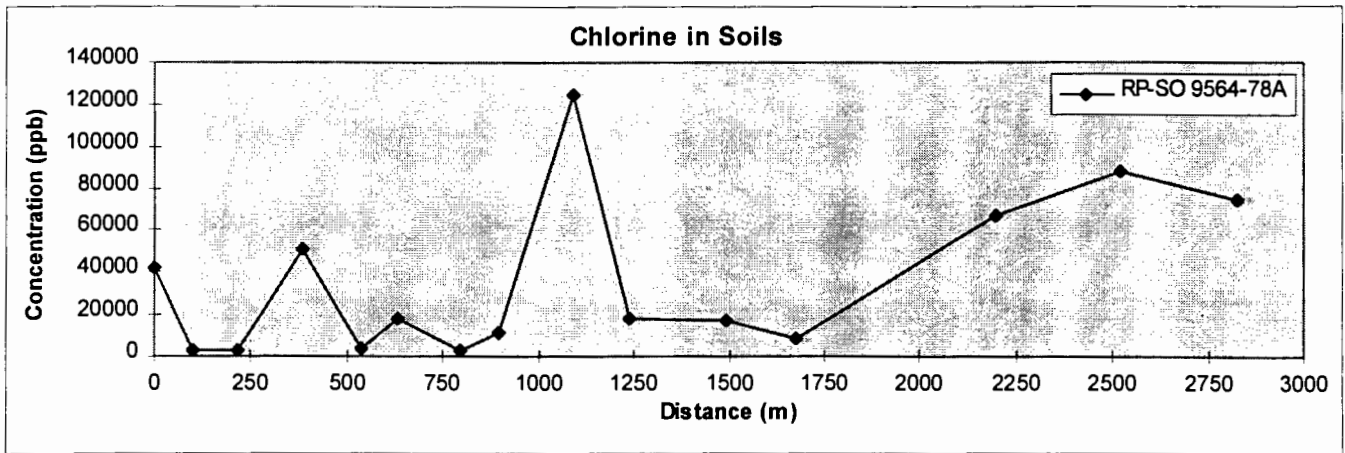


Figure 6a Enzyme Leach determined Cl, Mn, V and Co in soil samples collected from the Rap Property. Samples are from a traverse along a road circumscribing the east flank of the hill on the Rap Property. Distance 0 marks the southern most point on the traverse.

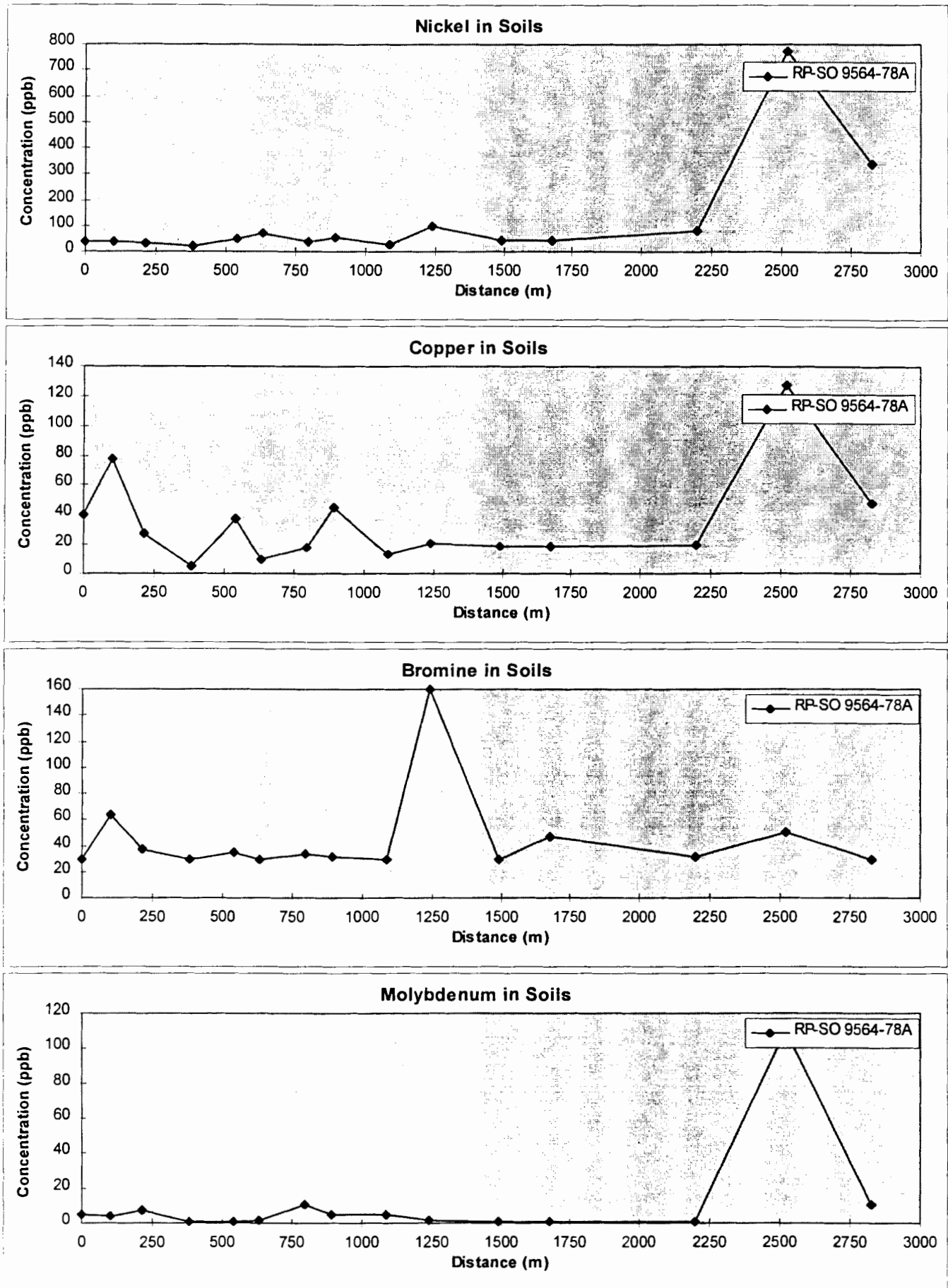


Figure 6b Enzyme Leach determined Ni, Cu, Br and Mo in soil samples collected from the Rap Property. Samples are from a traverse along a road circumscribing the east flank of the hill on the Rap Property. Distance 0 marks the southern most point on the traverse.

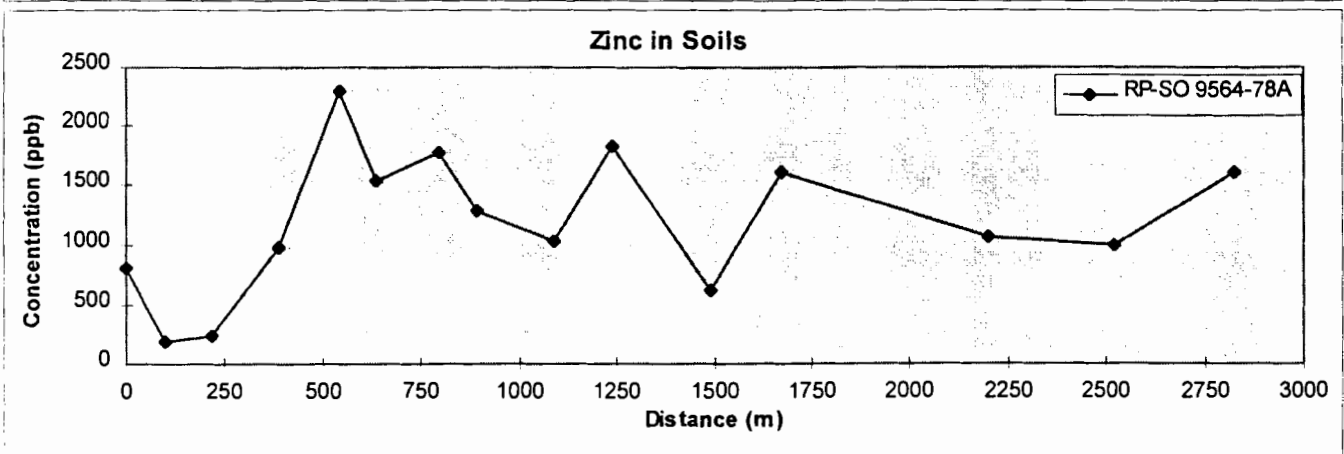
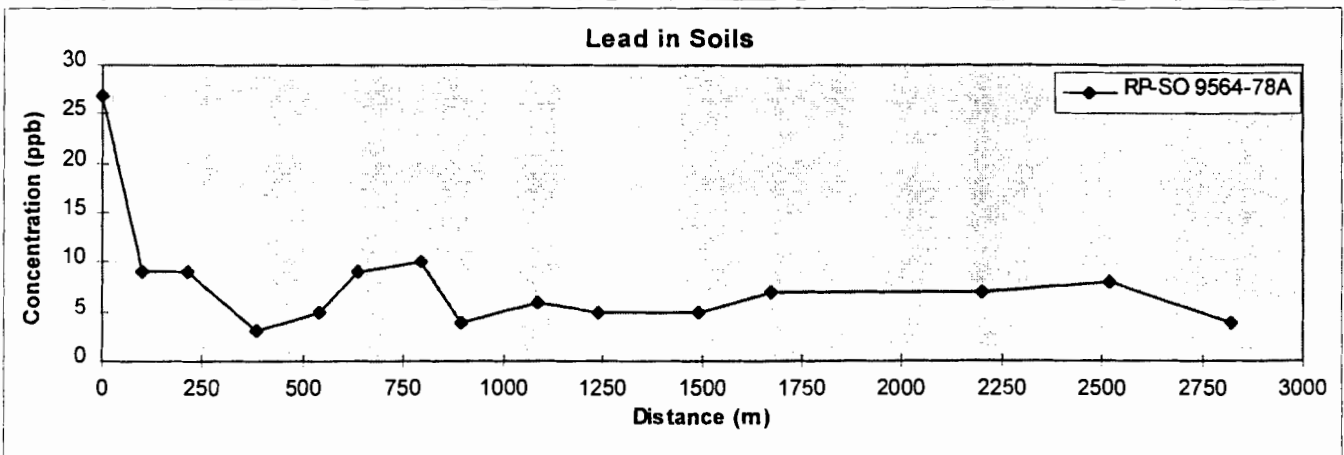
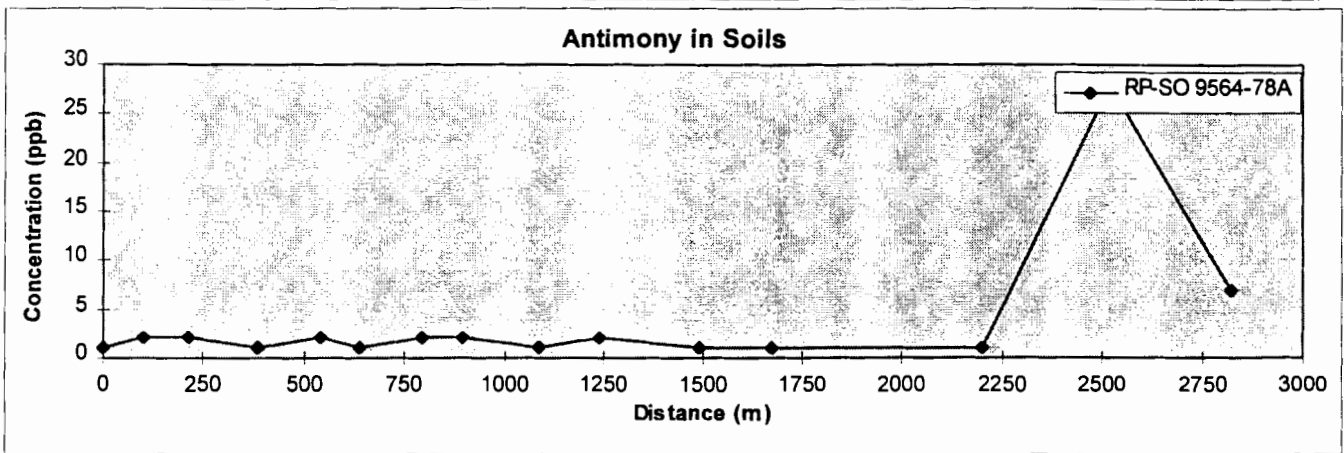
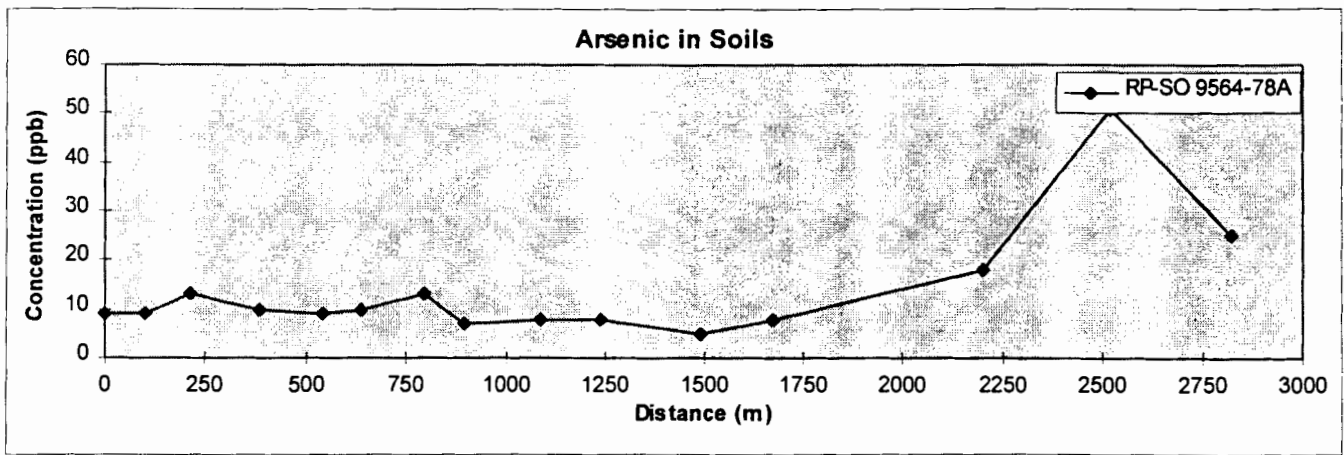


Figure 6c Enzyme Leach determined As, Sb, Pb and Zn in soil samples collected from the Rap Property. Samples are from a traverse along a road circumscribing the east flank of the hill on the Rap Property. Distance 0 marks the southern most point on the traverse.

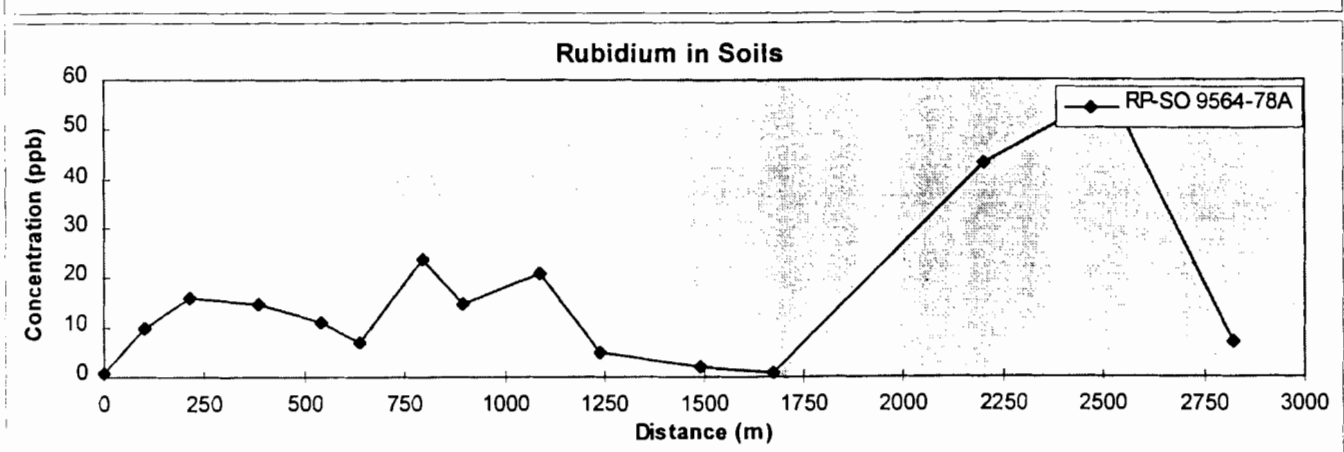
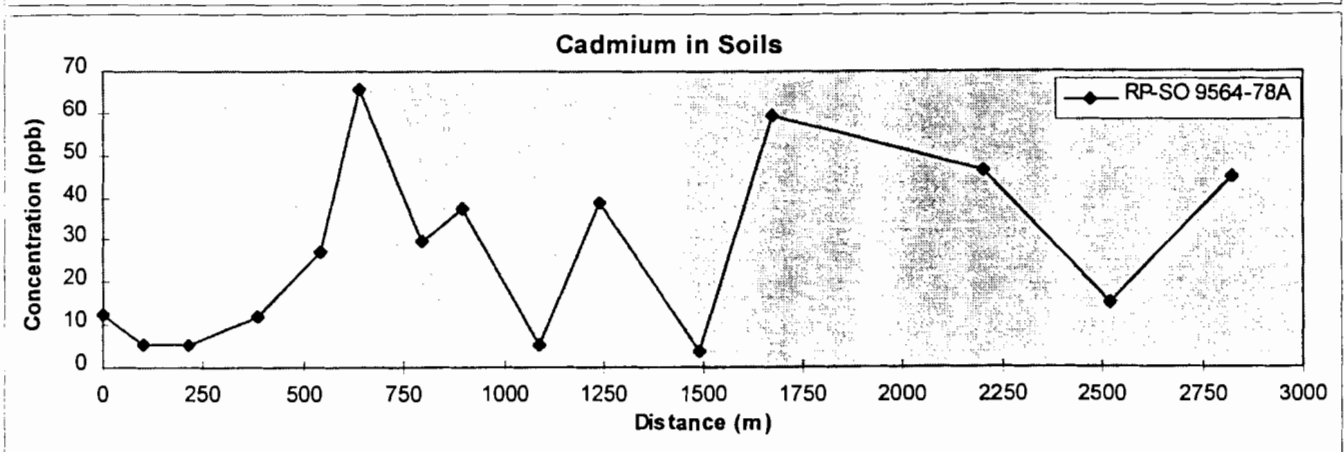
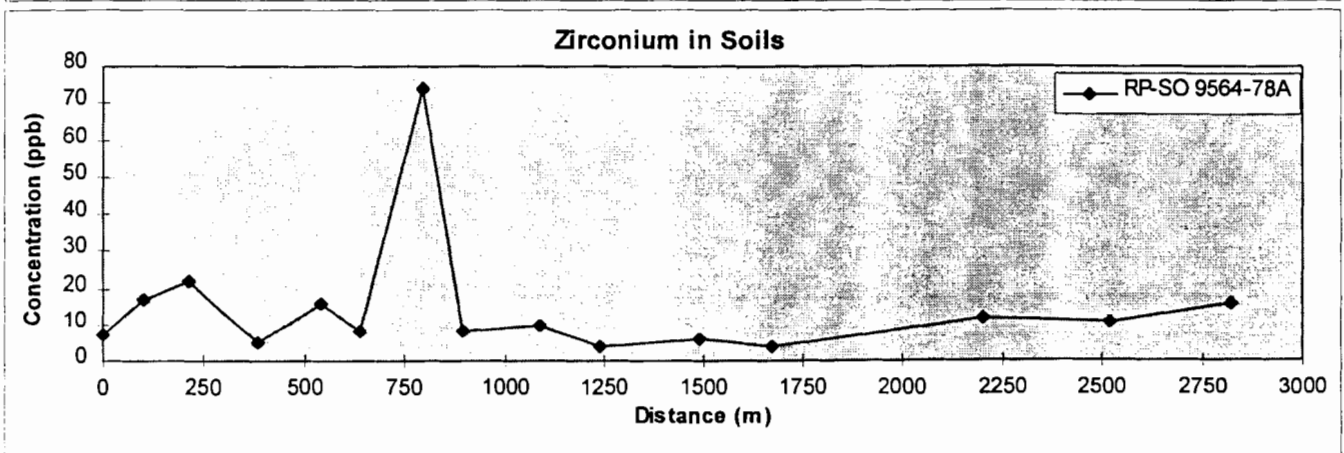
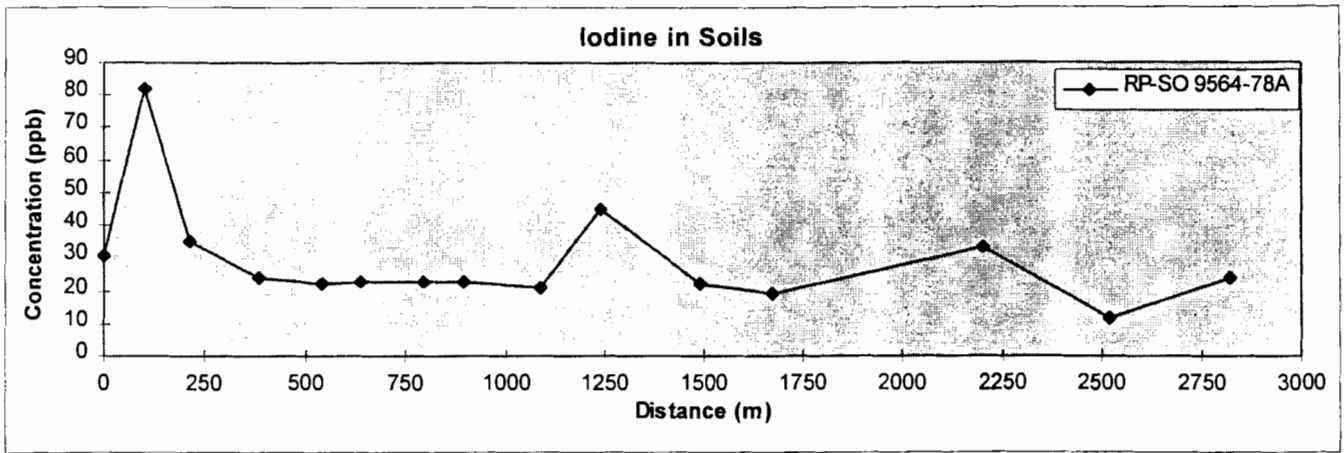


Figure 6d Enzyme Leach determined I, Zr, Cd and Rb in soil samples collected from the Rap Property. Samples are from a traverse along a road circumscribing the east flank of the hill on the Rap Property. Distance 0 marks the southern most point on the traverse.

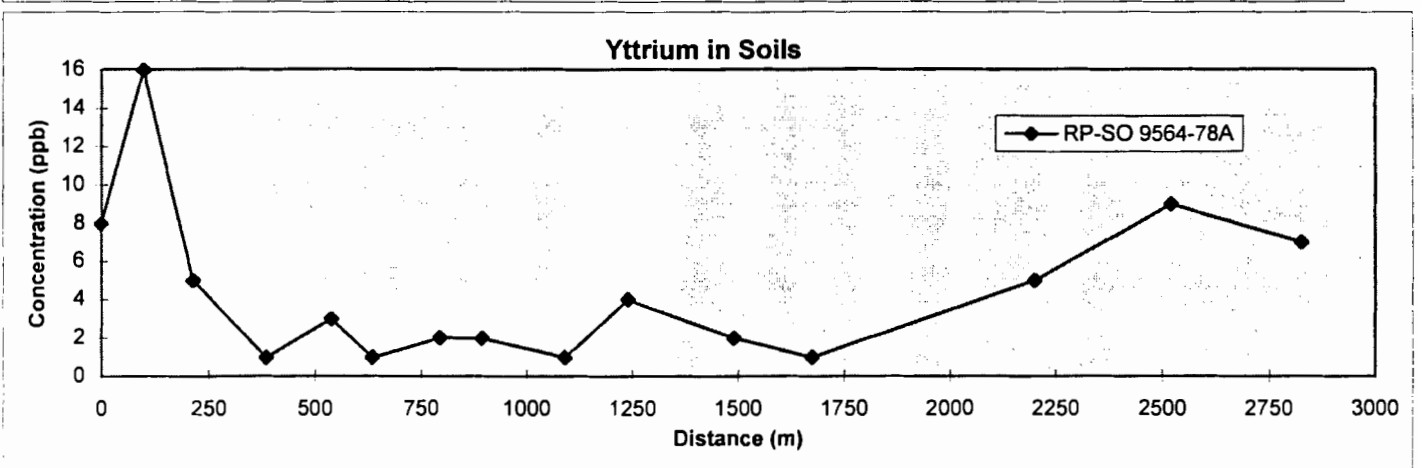
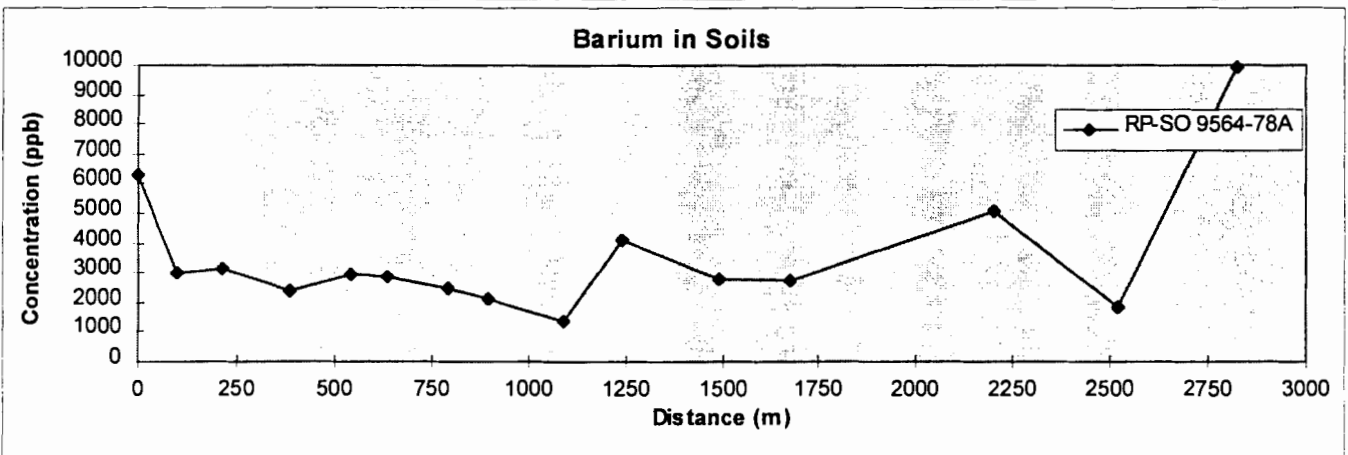
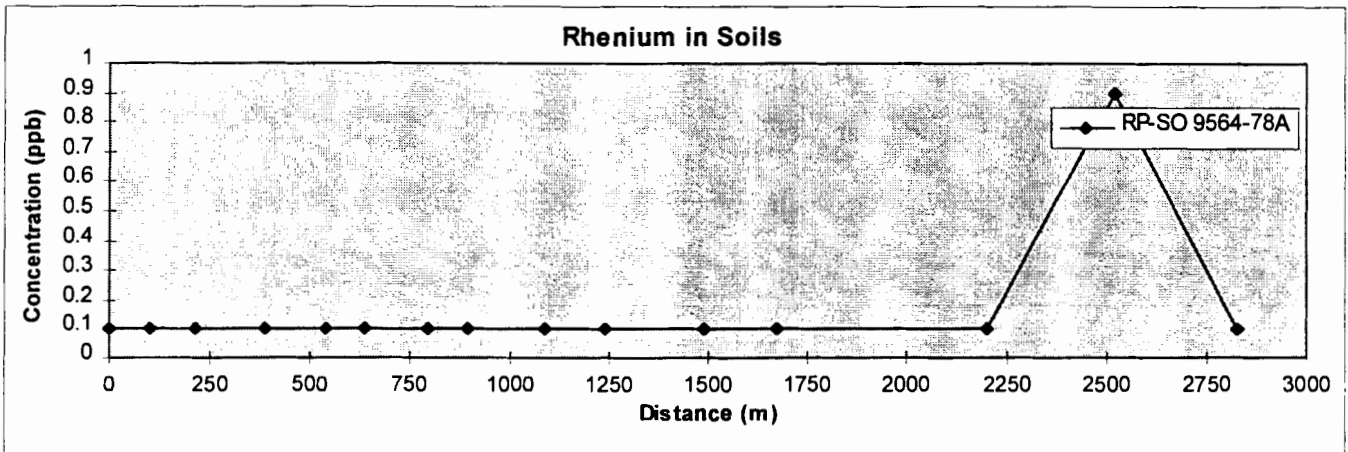
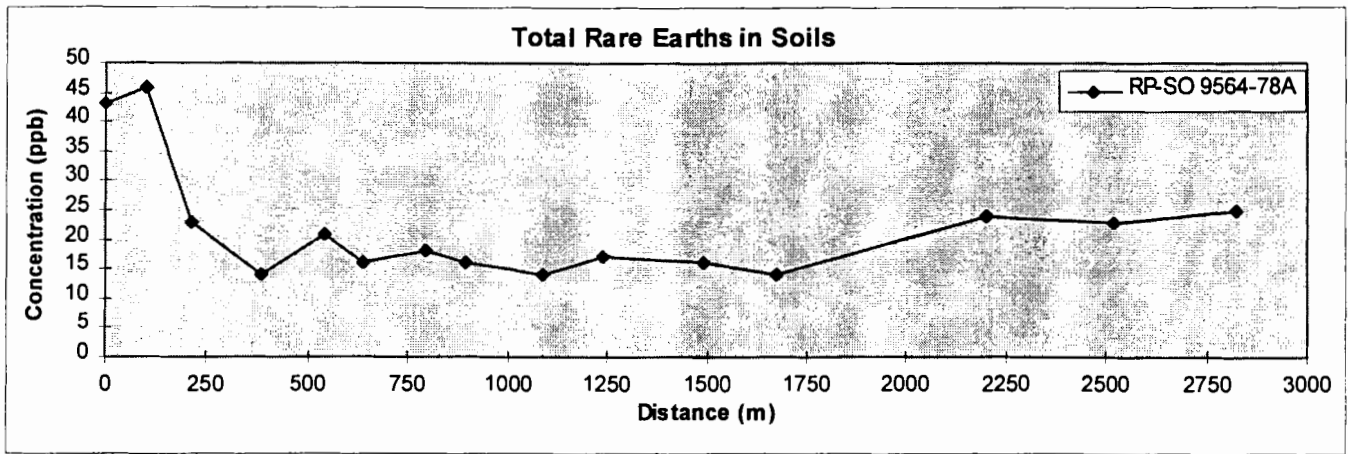


Figure 6e Enzyme Leach determined Total Rare Earths, Re, Ba and Y in soil samples collected from the Rap Property. Samples are from a traverse along a road circumscribing the east flank of the hill on the Rap Property. Distance 0 marks the southern most point on the traverse.

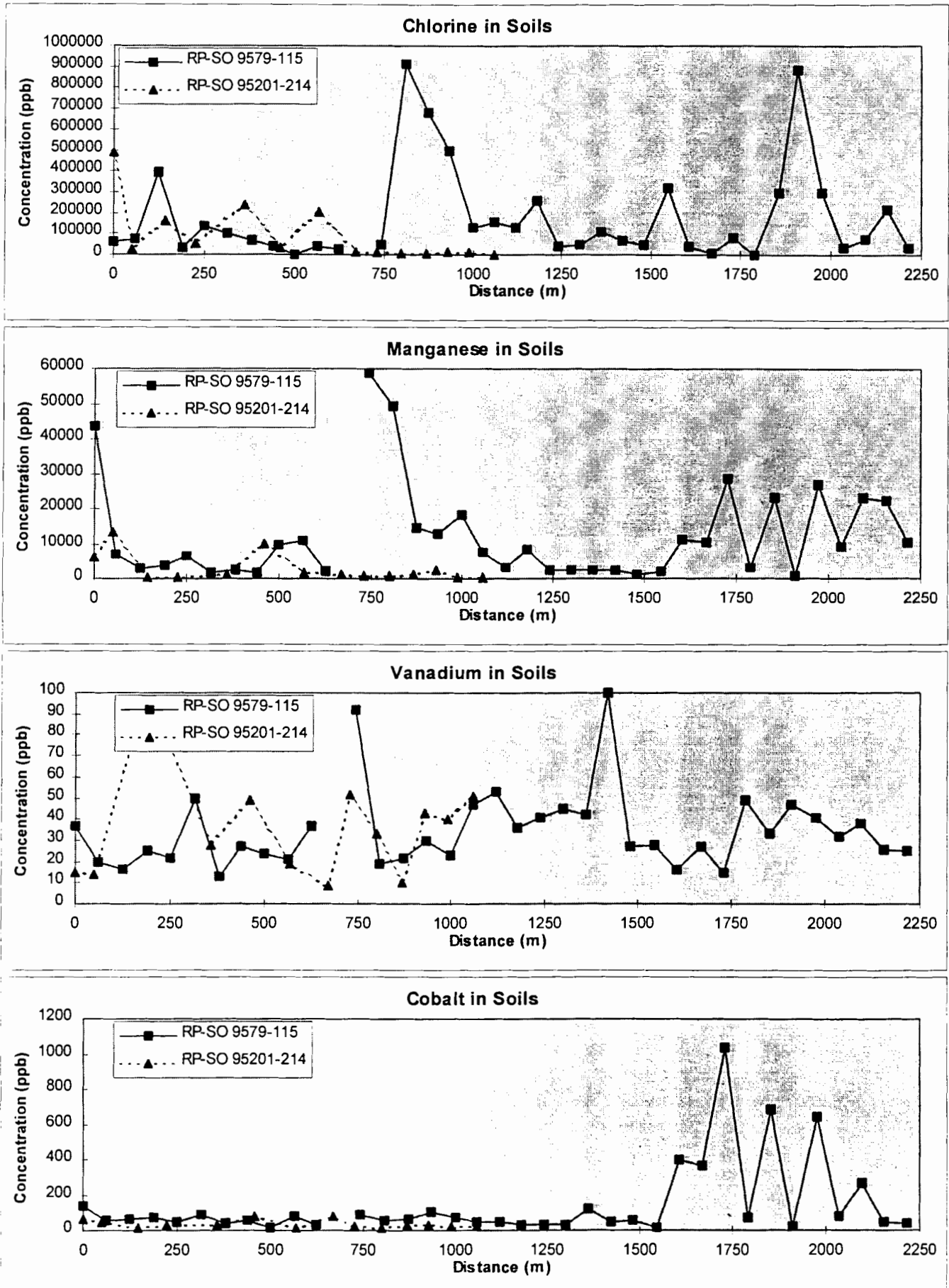


Figure 7a Enzyme Leach determined Cl, Mn, V and Co in soil samples collected from the Rap Property. Samples are from two traverses along roads bordering the south shore of the Osilinka River. Distance 0 marks the western most points on both traverses.

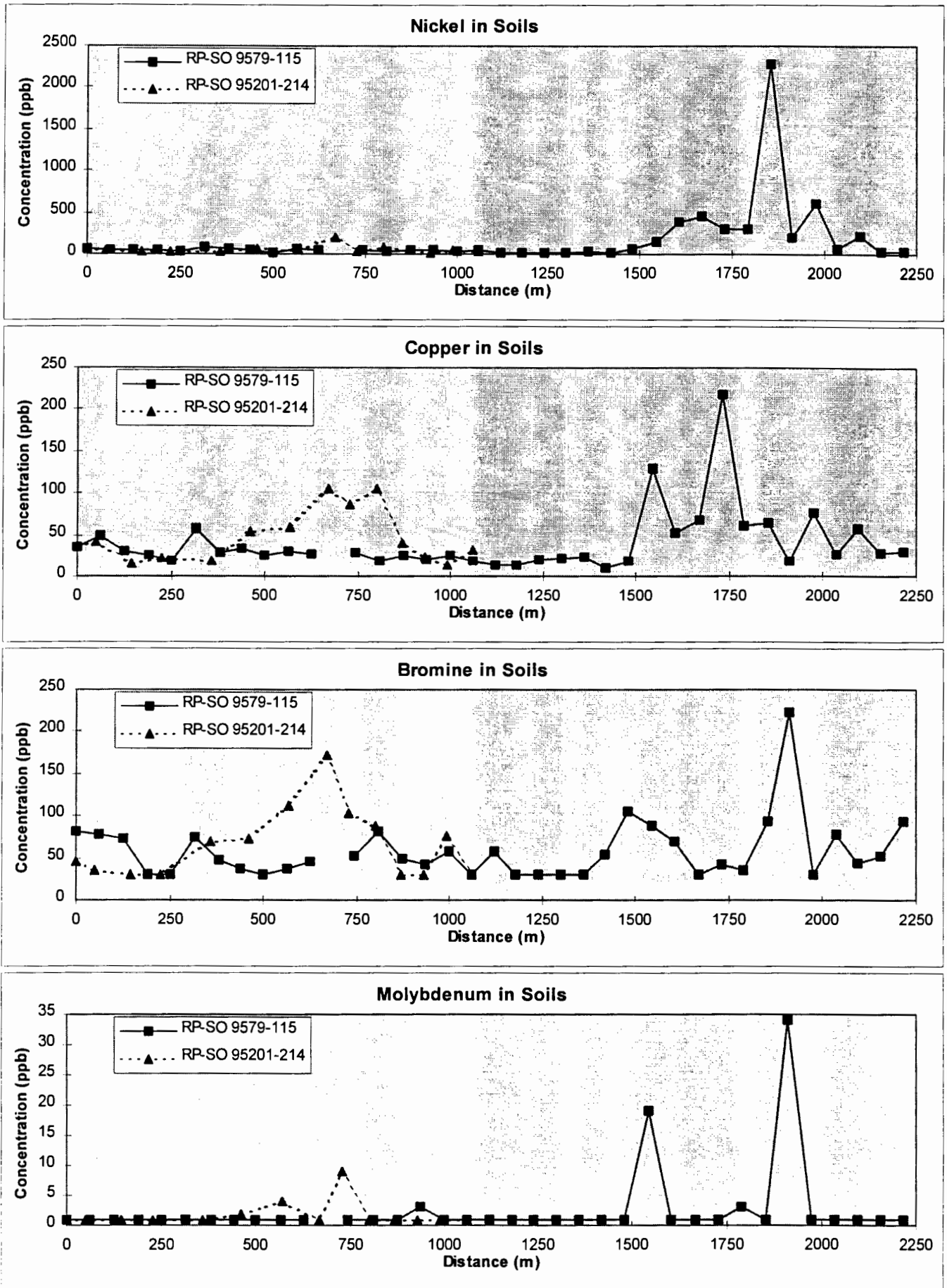


Figure 7b Enzyme Leach determined Ni, Cu, Br and Mo in soil samples collected from the Rap Property. Samples are from two traverses along roads bordering the south shore of the Osilinka River. Distance 0 marks the western most points on both traverses.

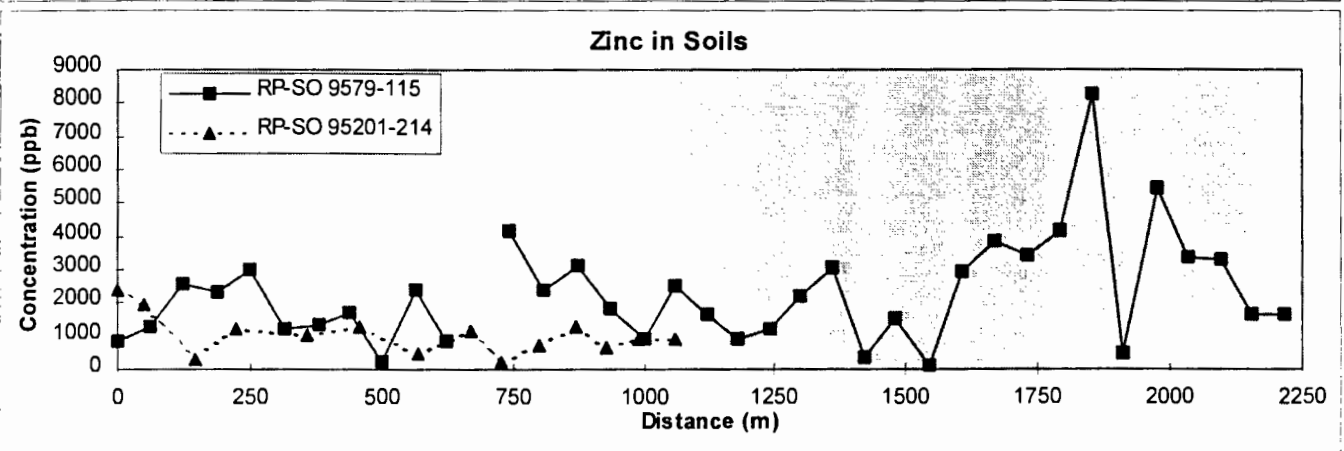
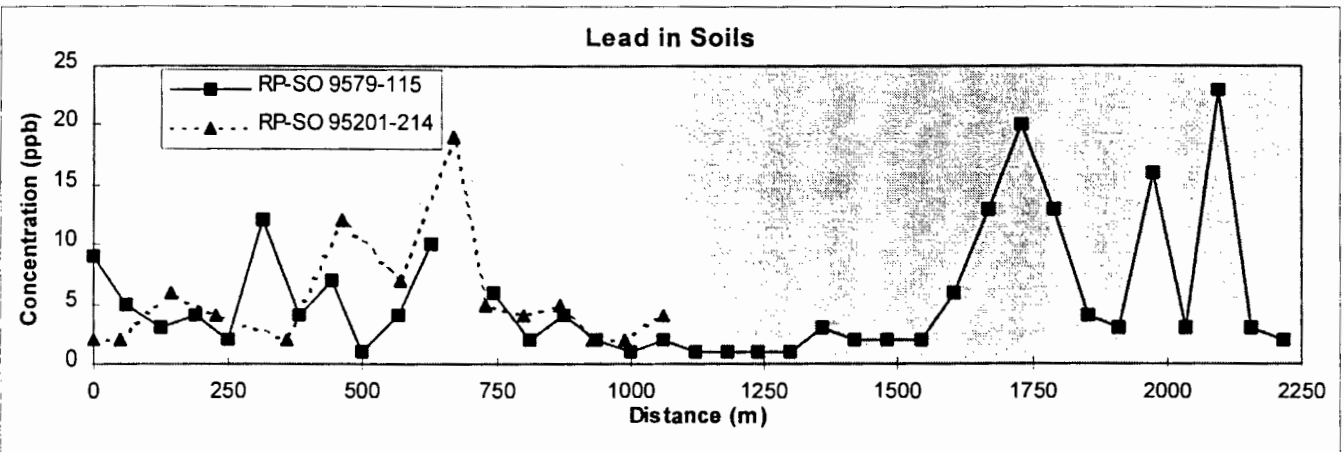
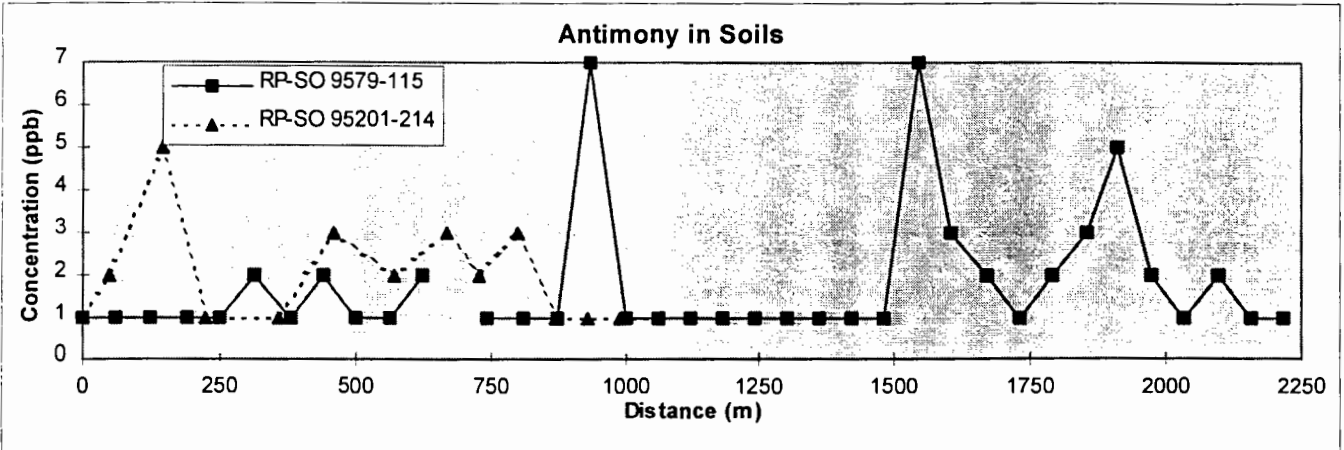
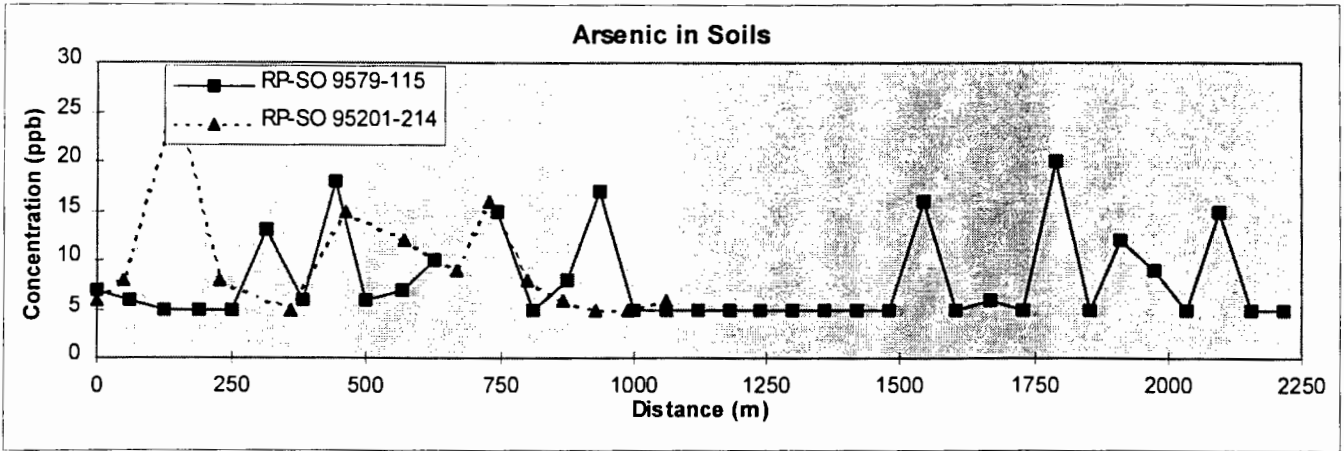


Figure 7c Enzyme Leach determined As, Sb, Pb and Zn in soil samples collected from the Rap Property. Samples are from two traverses along roads bordering the south shore of the Osilinka River. Distance 0 marks the western most points on both traverses.

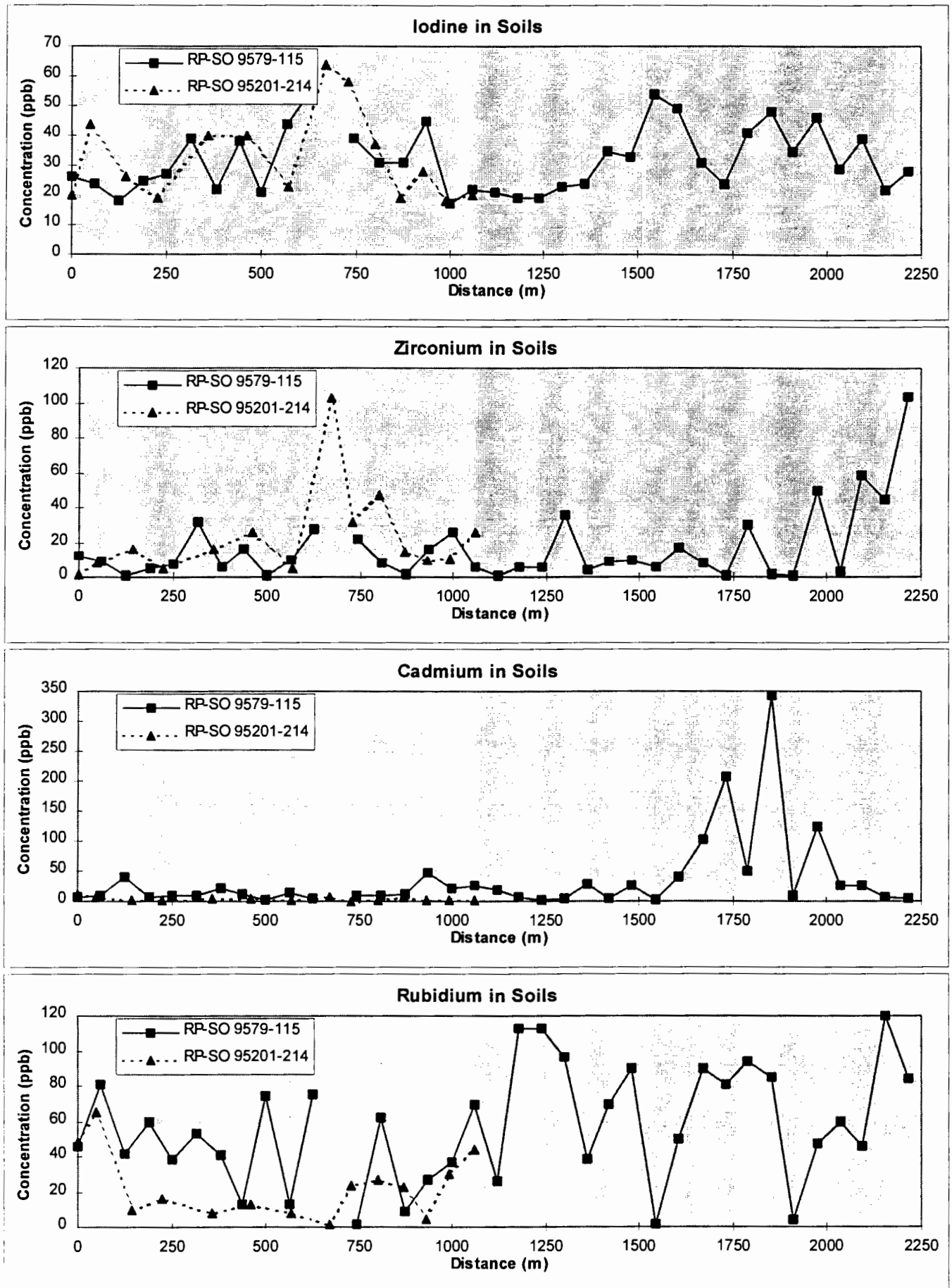


Figure 7d Enzyme Leach determined I, Zr, Cd and Rb in soil samples collected from the Rap Property. Samples are from two traverses along roads bordering the south shore of the Osilinka River. Distance 0 marks the western most points on both traverses.

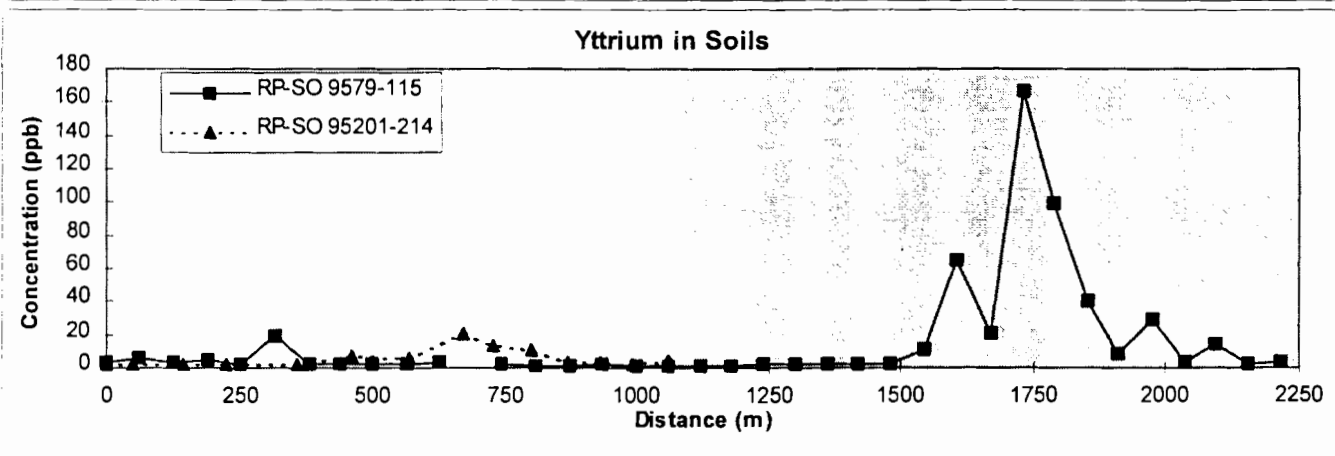
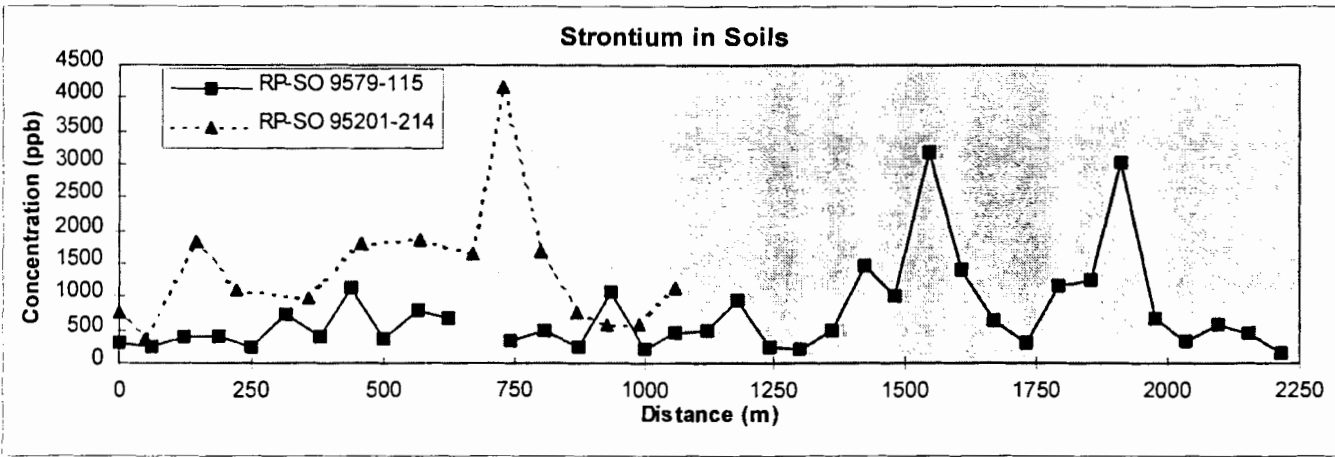
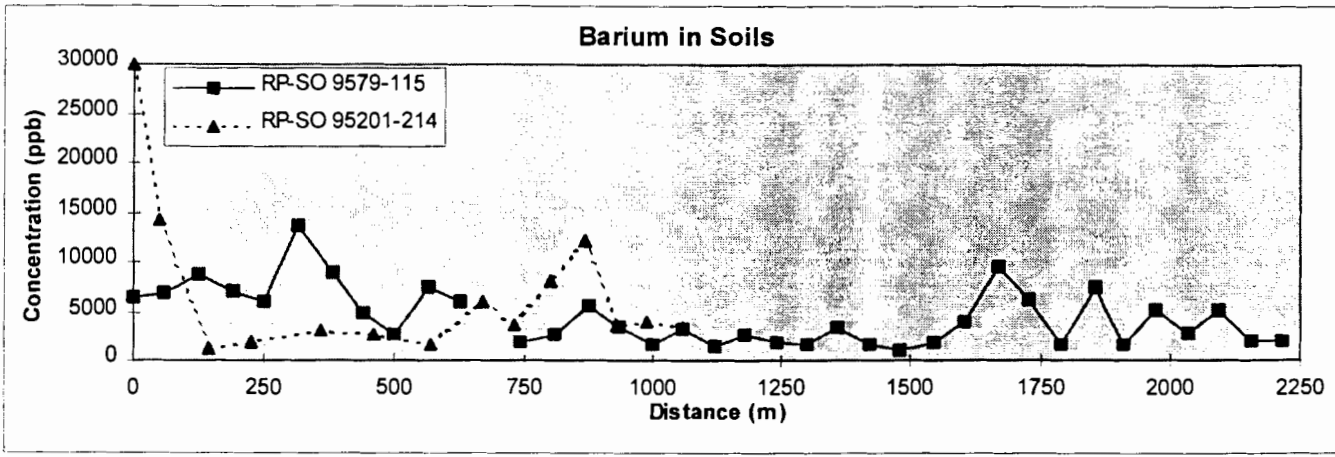
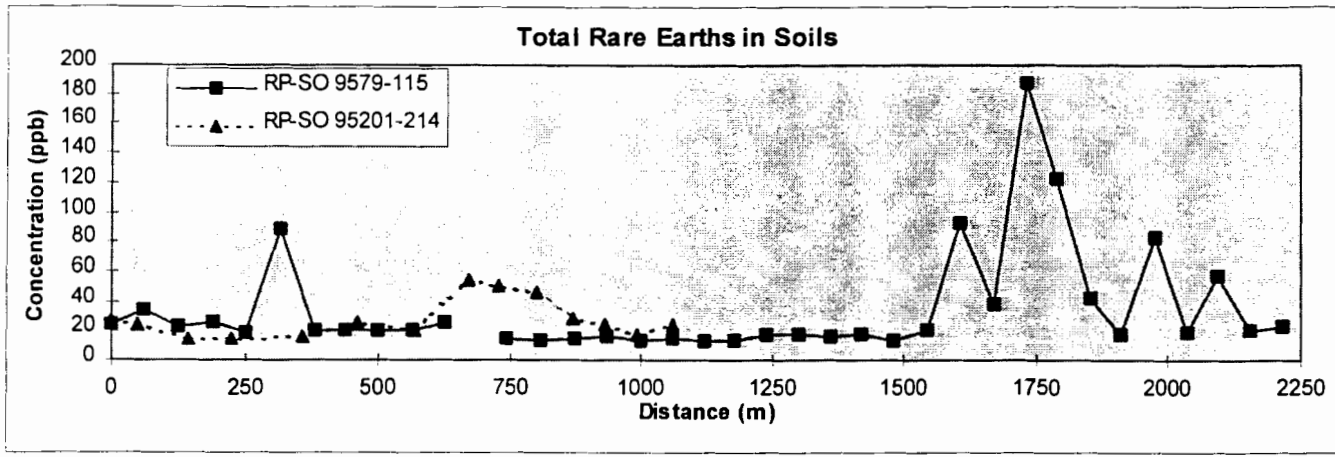


Figure 7e Enzyme Leach determined Total Rare Earths, Ba, Sr and Y in soil samples collected from the Rap Property. Samples are from two traverses along roads bordering the south shore of the Osilinka River. Distance 0 marks the western most points on both traverses.

terrace deposits comprised of coarse sand, gravel, and cobbles. Although there is no outcrop along the traverse, there is in places outcrop within 200 to 300 metres to the south.

6.0 CONCLUSIONS AND RECOMMENDATIONS

1. Soil geochemical sampling has indicated potential new areas of Pb-Zn mineralization.
2. The anomalies occur in areas of the Big Creek argillites just west of their contact with carbonates of the Echo Lake Group. Although the nature of the mineralization producing the soil geochemical anomalies is unknown, the pattern of the anomalies suggests the mineralization may be stratabound and of syngenetic origin.
3. Limited rock sampling indicates elevated metal values in some areas of Big Creek sediments.
4. The enzyme leach pilot studies have demonstrated a potential exciting new exploration tool for this area.
5. Additional soil sampling with both enzyme leach and conventional analyses is recommended. A grid should be established over the anomalies, with longer survey lines to get far enough away from the anomalies to determine background. The results from this program can be integrated into the new survey if the same sampling and analytical techniques are employed.

Respectfully submitted,



Wayne Johnson

7.0 REFERENCES

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1993: Aiken Lake & Osilinka River Areas; British Columbia Geological Survey Branch, Open File 1993-2
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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, Rap 1 and 2 Claims". 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

CLIENT: STRATABOUND MINERALS CORP.

REPORT: V95-01214.0 (COMPLETE)

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

Bondar-Clegg & Company Ltd.

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

Tel: (604) 985-0681, Fax: (604) 985-1071

10/27/95 11:55:27

(604) 985-1871->STRATABOUND MINERALS

Bondar-Clegg

Page 002

CLIENT: STRATABOUND MINERALS CORP.
REPORT: V95-01391.0 (COMPLETE)

PROJECT: CYGNET

DATE PRINTED: 27-OCT-95

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Pb PPM	Zn PPM	Ba PPM
R2 RP95-W 001		<0.2	2	20	24
R2 RP95-W 002		<0.2	9	90	30
R2 RP95-W 003		<0.2	7	73	1149
R2 RP95-W 004		0.6	5	14	335



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 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						

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
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

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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
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

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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
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

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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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	

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.Q.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

APPENDIX 4

SOIL SAMPLE DESCRIPTIONS

APPENDIX 4 SOIL SAMPLE DESCRIPTIONS

RP-SO-9501 : valley; not soil; dark grey; stony; no profile; prob. C.

RP-SO-9502 : side of valley; same as above; prob. C.

RP-SO-9503 : flat area on ledge; slightly weathered material from upturned root; dark grey to black; stony; prob. C.

RP-SO-9504 : flat bench; looks transported; exotic boulders; grey; sandy, gravelly;

RP-SO-9505 : base of steep hill; dark grey; includes some cobbles and gravel; partly transported soil; C

RP-SO-9506 : silt from stream; muddy silt from right beside stream

RP-SO-9507 : on steep hillside; true N 590; dark brown soil; sandy; with many shale chips

RP-SO-9508 : hill starts to flatten; shallow reddish brown sandy soil underlain by sil-dol?; numerous boulders etc.

RP-SO-9509 : under uprooted tree; brown sandy, residual?; very shallow soil

RP-SO-9510 : reddish brown; sandy soil; on edge of plateau, overlooking steep slope to N.; area underlain by sil-dol; considerable cobbles and pebbles

RP-SO-9511 : relatively flat; reddish brown soil; very stony

RP-SO-9512 : relatively flat ground; reddish brown; sandy, stony soil; beside small -esker?

RP-SO-9513 : silt from small brook; dark brown/black; brook .5m wide x 2-5cm deep

RP-SO-9514 : silt from small brook; includes material from adjacent to water

RP-SO-9515 : small brook which joins other brook; 10m above junction

RP-SO-9516 : silt

RP-SO-9517 : silt

RP-SO-9518 : silt

RP-SO-9519: silt

RP-SO-9520 : just below black shale ocp

- RP-SO-9521 : flat; grey gravelly material with lumps of clayey material; heavily wooded with large spruce and balsam; 24220*
- RP-SO-9522 : low slope; light grey/brown; gravelly, sandy; heavily wooded with large spruce and balsam; 24310*
- RP-SO-9523 : low slope; dark brown soil (loam); some organic; heavily wooded with large spruce and balsam; 13312*
- RP-SO-9524 : moderate slope; light brown/grey; sandy; heavily wooded with large spruce and balsam; 34300*
- RP-SO-9525 : moderate slope; medium brown; sandy; heavily wooded with large spruce and balsam; 25300*
- RP-SO-9526 : moderate slope; stony; angular; sandy; light reddish brown; 34300*
- RP-SO-9527 : moderate slope; medium brown; sandy; 34300*
- RP-SO-9528 : moderate slope; light sandy brown; 24400*
- RP-SO-9529 : moderate slope; small pines (old burn); light brown; sandy soil; 24400*
- RP-SO-9530 : moderate slope; small pines; light brown; sandy; 24400*
- RP-SO-9531 : low/moderate slope, starting to flatten; small pines; light yellow-brown; 24400*
- RP-SO-9532 : low slope; light sandy; grey/brown; 25300*
- RP-SO-9533 : flat on top; deciduous trees; end of traverse
- RP-SO-9534 : medium brown; sandy, silty; 14500*
- RP-SO-9535 : low/moderate slope; light grey/brown; sandy silt; 14500*
- RP-SO-9536 : moderate slope; same as above; 14500*
- RP-SO-9537 : moderate slope; light sandy brown; sand/silt; very thin Ao; old burn; small pines
- RP-SO-9538 : moderate slope; light sandy brown/grey; 14500*
- RP-SO-9539 : medium grey/brown; sandy gravel; 34300*

* 13312* = 10% stones, 30% sand, 30% silt, 10% clay, 20% organics

- RP-SO-9540 : moderate slope; fine talus or felsenmeer material; dark grey broken mudstone; 62200*
- RP-SO-9541 : moderate slope; more heavily wooded; light sandy brown colour; slightly gravelly sandy silt; 24400*
- RP-SO-9542 : dark grey; fine mudstone talus (90%) and few exotic cobbles and some Glacial sand (10%); some pieces of black carb. mdst.; 24400*
- RP-SO-9543 : base of moderate slope - in small valley - possibly contaminated; dark brown; sandy; 14401*
- RP-SO-9544 : big timber; light grey/brown; sand/silt; 14410*
- RP-SO-9545 : medium grey/brown; sandy; 16300*
- RP-SO-9546 : light sandy brown; very sandy; 17200*
- RP-SO-9547 : low slope; light brown/grey soil; sandy silt; 24400*
- RP-SO-9548 : moderate slope; very similar to last - slightly more sandy; 25300*
- RP-SO-9549 : medium grey; sandy/silty (talus ?); 24400*
- RP-SO-9550 : moderate slope; looks like f.g. talus; dark grey stone chips (Earn Shale); sand; 34300*
- RP-SO-9551 : f.g. talus as below; ocp of dark mdst; also light grey sand; 34300*
- RP-SO-9552 : knoll; ass. crumbled ocp.; dark grey mdst chips and cobble-size pieces plus light grey sand; prob. carbonate; 53200*
- RP-SO-9553 : side of moderate/steep slope - knoll looks like crumbled ocp.; dark grey mdst; sample is ass. dark grey chips and sand/silt; looks like coal dust; 53200*
- RP-SO-9554 : side of knoll; this area has many knolls, probably of crumbled ocp.; grey silty material; angular; not all talus; 52300*
- RP-SO-9555 : on top of small knoll; ass. crushed rk - chips & dust; medium grey with dark grey, poss. carb. and mdst; lighter than above; 62200*
- RP-SO-9556 : moderate slope; much Earn Gp rubble around; medium dark grey; including some rounded exotic cobbles; stone/silt/sand; 43300*

* **13312* = 10% stones, 30% sand, 30% silt, 10% clay, 20% organics**

- RP-SO-9557 : steep slope; medium brown and grey/brown; sand/silt; 34300*
- RP-SO-9558 : in small valley - probably dry part of stream further down slope; black; some organic material; 02602*
- RP-SO-9559 : sub ocp of black mdst; on knoll; silty material; 24310*
- RP-SO-9560 : dark brown; sandy/silty "loam"; some rounded pebbles; 23401*
- RP-SO-9561 : large balsam and spruce trees; light grey/brown; sand/silt; 14500*
- RP-SO-9562 : moderate slope; dark brown; chips of mdst; 42400*
- RP-SO-9563 : low slope; all mdst chips; dark grey; 62200*
- RP-SO-9564 : clay till; all transported; grey to red/brown; silty, clayey till; 42220*
- RP-SO-9565 : on bank; same as above; 42220*
- RP-SO-9566 : same
- RP-SO-9567 : same; all on E. side of road
- RP-SO-9568 : brown; sandier than above; lighter; more loam?; 23320*
- RP-SO-9569 : 2' sandy,silty,gravelly till over dark grey mdst debris; 23320*
- RP-SO-9570 : 1' light grey/brown; sandy till over dark grey mdst debris; 34300*
- RP-SO-9571 : reddish brown; sand/silt/clay; bldr till; 23320*
- RP-SO-9572 : medium grey/brown; sand/silt/clay; 23320*
- RP-SO-9573 : light grey/brown; sandy silt; 14410*
- RP-SO-9574 : light/medium grey; sand/silt/clay; 23320*
- RP-SO-9575 : all along here is crumbly Earn Gp mdst's in ditch overlain by 1-2m of bldr clay till; dark brown, slightly reddish; 24310*
- RP-SO-9576 : dark brown; possibly clayey loam? ; 13321*
- RP-SO-9577 : crumbled dark mdst; no soil; 14500*

* 13312* = 10% stones, 30% sand, 30% silt, 10% clay, 20% organics

RP-SO-9578 : at intersection of main road; very dark grey; crushed, dark mdst; no soil; 33400*

RP-SO-9579 to RP-SO-95115 : all samples along main haul road, at 50m intervals; most samples are reddish; sandy soil

RP-SO-95201 : reddish brown; 23410*

RP-SO-95202 : same

RP-SO-95203 : at culvert; grey/brown; clayey till; probably "C" horizon; 22231*

RP-SO-95204 : top of bank ; reddish brown; silty till; 22410*

RP-SO-95205 :

RP-SO-95206 : medium brown; clayey soil; 11341*

RP-SO-95207 : dark grey/brown; gravelly; "C" ; 33310*

RP-SO-95208 : same as 209 & 210 but darker

RP-SO-95209 : same as 95210; 23320*

RP-SO-95210 : reddish brown; clayey till over dark grey shaly till; 23320*

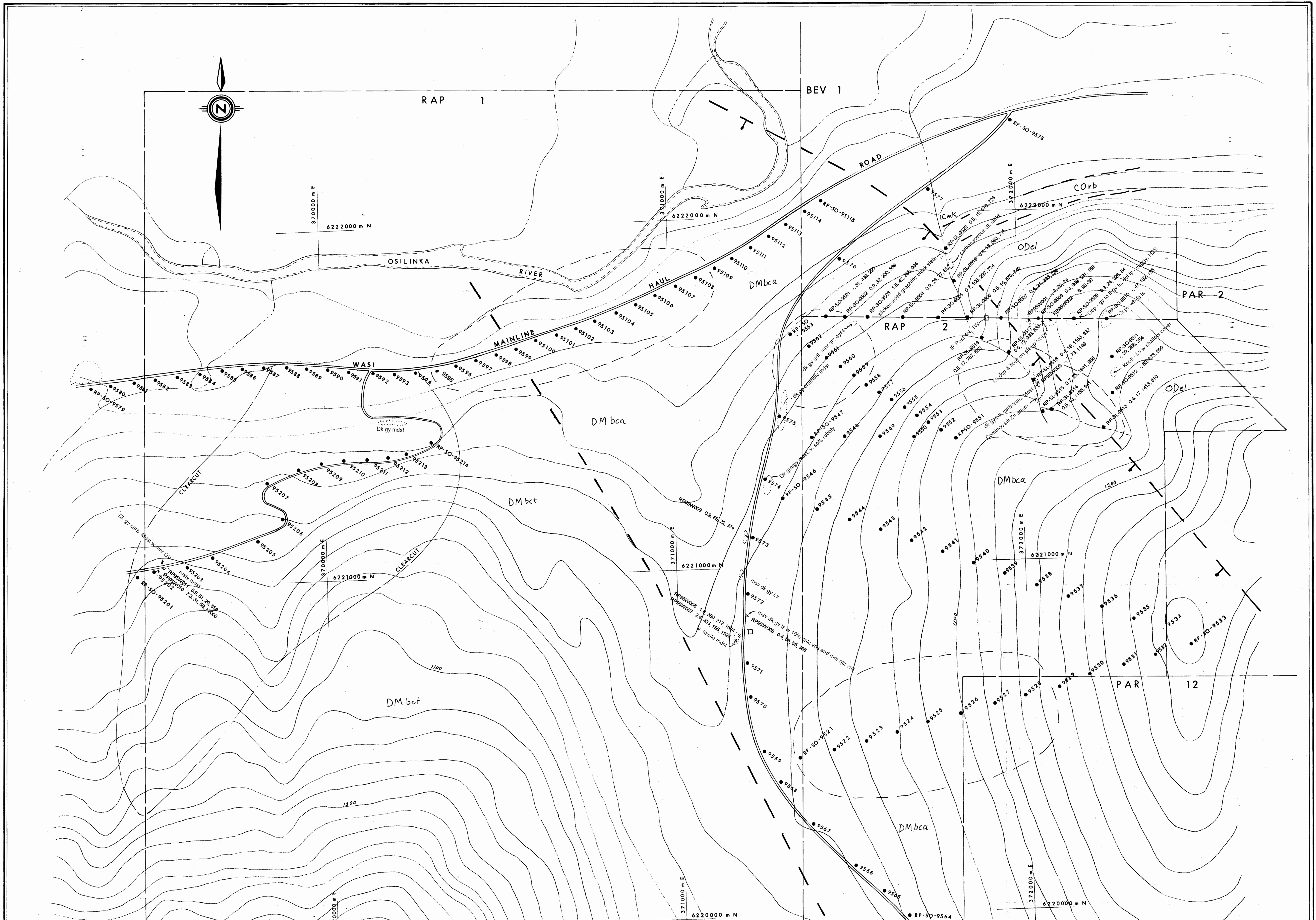
RP-SO-95211 : medium brown; clayey till; 23320*

RP-SO-95212 : reddish brown; clayey " bulldozer mixed"; some contam. with organics; 23320*

RP-SO-95213 : reddish brown; hard clayey/silt till; 22330*

RP-SO-95214 : hard clayey till; 21340*

* **13312* = 10% stones, 30% sand, 30% silt, 10% clay, 20% organics**



LEGEND

- RP-SO-9501 63, 371, 159 Soil sample: sample number; Ag, Pb, Zn, Ba values in ppm
- RP-SL-9520 0.5, 15, 570, 726 Silt sample: sample number; Ag, Pb, Zn, Ba values in ppm
- x RP95-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; 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

- RAZOR BACK 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
- Mount Kison Formation
- ICmk Limestone

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

24,352

Figure 4

STRATABOUND MINERALS CORP.
RAP Property, B.C.
Geology and Geochemistry

250 200 150 100 50 0 250
metres

Geology & Sampling: W.J. & E.S. December, 1995	Drafting: J. A. Fig. NTS: 94C/3	Scale: 1:5000
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Target Exploration Services Ltd.

APPENDIX 5 STATEMENT OF EXPENDITURES

FIELD PERSONNEL/CONSULTANT	\$5,800.25
FOOD AND ACCOMMODATION	754.34
MOB/DEMOB IN BC	95.20
VEHICLE RENTAL	462.69
EQUIPMENT AND SUPPLIES	618.73
INSTRUMENT RENTALS	132.00
LABORATORY	2,833.47
REPORT AND PREPARATION	3,232.31
CONTRACT	255.75
MANAGEMENT	600.00
	<hr/>
	\$14,784.74

APPENDIX 5 - PAGE 2 - RAP 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	- 2 days
	- mob and demob	- Aug 30 - Sept. 2	
		- Sept 29, 30	- 2 days
	- field work	- Sept 3-8, 26-28	- 9 days
	- report and wrapup	- Oct 1/95-Feb.29/96	- 11 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	- 2 days
	- field work	- Sept 3-8, 26-28	- 9 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