GEOLOGICAL INVESTIGATION AND REVIEW OF GEOPHYSICAL AND SOIL GEOCHEMICAL SURVEYS STOPE BABY PROJECT

HORSEFLY, B.C.

CARIBOO MINING DIVISION

LATITUDE 52°17.5'N, LONGITUDE121°26.5'W

NTS Sheet 93A 6W

Prepared for

OTISH MOUNTAIN EXPLORATION INC.

ARCTEX ENGINEERING SERVICES

LOCKE B. GOLDSMITH, M.Sc., P.Eng., P.Geo.
CONSULTING GEOLOGIST

PAUL KALLOCK, P.Geo.
CONSULTING GEOLOGIST

OCTOBER 25, 2003

TABLE OF CONTENTS

SUMMARY 1
INTRODUCTION AND TERMS OF REFERENCE 2
DISCLAIMER 2
PROPERTY DESCRIPTION AND LOCATION 2
LOCATED MINERAL CLAIM DATA, Table 1 3
LOCATION MAP, Figure 1 4
CLAIM LOCATION MAP, Figure 2 5
ACCESSIBILITY, CLIMATE, LOCAL RESOURCES,
INFRASTRUCTURE, AND PHYSIOGRAPHY 7
HISTORY 7
GEOLOGICAL SETTING 8
DEPOSIT TYPES 8
MINERALIZATION 8
EXPLORATION 8
a) Results 8
b) Interpretation 10
c) Contractors 11
d) Reliability of Data 11
DRILLING 12
SAMPLING METHOD AND APPROACH 12
SAMPLE PREPARATION, ANALYSES AND SECURITY 12
DATA VERIFICATION 13
ADJACENT PROPERTIES 13
OTHER RELEVANT DATA AND INFORMATION 13
INTERPRETATION AND CONCLUSIONS 13
Interpretation 13
Conclusions 14
RECOMMENDATIONS 14
Cost Estimate 14
DATE 16
ENGINEER'S AND GEOLOGIST'S CERTIFICATE 17
GEOLOGIST'S CERTIFICATE 18
REFERENCES 19
COST STATEMENT, 2003 PROGRAM 20

APPENDIX 1 Mineral Property Option Agreements and Mineral Tenure Transfers
APPENDIX 2 Incorporation Documents, 766072 Alberta Inc.
APPENDIX 3 Property Option Agreements
APPENDIX 4 Enhanced Enzyme Leach Analyses

GEOLOGY MAP, STOPE BABY PROPERTY,
SCALE 1:5000, Figure 3 ..... *Pocket in back of report*

GEOLOGICAL INVESTIGATION AND REVIEW OF GEOPHYSICAL AND SOIL GEOCHEMICAL SURVEYS STOPE BABY PROJECT HORSEFLY, B.C. CARIBOO MINING DIVISION

SUMMARY

The property consists of 36 contiguous unpatented located mineral claims totaling approximately 1675 hectares in 74 units in the Cariboo Mining Division, British Columbia, Latitude 52°17.5'N, Longitude 121°26.5°W,NTS sheet 93A 6W.

The issuer's interest in part of the property is obtained through a Property Option Agreement dated for reference December 12, 2002, and a Property Option Amending Agreement dated for reference February 28, 2003, between itself and 766072 Alberta Inc. which documents are included as Appendix 3, and through a Mineral Property Option Agreement dated for reference January 21, 2000, a Mineral Property Option Amending Agreement dated for reference March 12,2002, and a Memorandum of Agreement dated for reference February 28, 2003 between 766072 Alberta Inc. and Herb Wahl & Jack Brown-John, all of which documents are included in Appendix 1

A Bill of Sale for the EV-1 to EV-4 claims from B.S. Bains to Timothy Daniels is included in Appendix 1; this Bill of Sale has not been recorded with the Gold Commissioner of B.C. A copy of an agreement between Timothy Daniels and 766072 Alberta Inc. which states that Timothy Daniels is holding the EV-1 to EV-4 claims in trust for 766072 Alberta Inc. is also included in Appendix 1.

In the region Nicola Group rocks form a broad, northwest trending syncline in which the basal strata are middle to late Triassic sediments, overlain by Upper Triassic to Lower Jurassic basaltic lavas. In the vicinity of the claims Lower Jurassic syenite and diorite have intruded the sediments and lavas. Where exposed in a canyon on the property mineralization consists of zinc, copper, and lead sulphides with associated gold and silver, hosted in veins and veinlets within sheared and fractured volcanics.

Two exploration concepts to be considered involve structurally controlled stockworks of veins/veinlets with sufficient metal content to be economically extracted by bulk mining, and disseminated copper and gold mineralization within altered volcanics or silicic intrusive rocks.

Exploration is at a preliminary status, consisting of soil sampling, geological mapping, orientation geophysical surveys, and two short diamond drill holes.

Geophysical and geochemical responses from surveys conducted in 2000 indicate that sulphide content may increase along the projected trace of a shear zone in a southerly direction from the exposures. Anomalous responses from magnetic and Maxmin geophysical surveys and an enzyme leach soil geochemical survey during 2003 in the northeast part of the property suggest the presence of an underlying intrusive body.

A program of induced polarization geophysics is recommended in the next phase at a cost of $52,415. A subsequent phase of diamond drilling might be required at an estimated cost of $216,200, for a total estimated cost in two phases of $268,615.

INTRODUCTION AND TERMS OF REFERENCE

(a) The authors were requested by a director of Otish Mountain Exploration Inc. to review recent exploration data, conduct a geological examination, commission additional investigations, prepare a report, and if warranted plan and recommend a further program of work to explore the mineral potential of the claims.

(b) The report was intended to examine the results of programs on the claims of the company in the context of the exploration history of the immediate vicinity, and to determine if potential to locate economic mineral deposits could exist on the property.

(c) Sources are listed in the References section.

(d) The qualified persons who are the authors of this report were on the claims during the period of June 28 – July 9, 2003. A geological survey and a soil geochemical sampling program were completed in the northeast part of the property from July 2-July 9, 2003. Geophysical surveys were completed between July 12 – 15, 2003.

Various assessment work reports from nearby properties that have been placed on file in the Government Geologist's office were read, some of which are listed in the References section.

DISCLAIMER

Of the reports listed in the References section only the reports by Wallis, J.E., P.Eng., Panteleyev, A., P.Eng. et al., Pezzot, E. Trent, P.Geo.,and Goldsmith, Locke B., P.Eng., P.Geo., can be considered to have been written by a qualified person, as defined in Companion Policy 43-101.CP, Part 3.2.

Thus the authors of this report disclaim responsibility for the correctness of all other information which is contained in the remainder of the References.

PROPERTY DESCRIPTION AND LOCATION

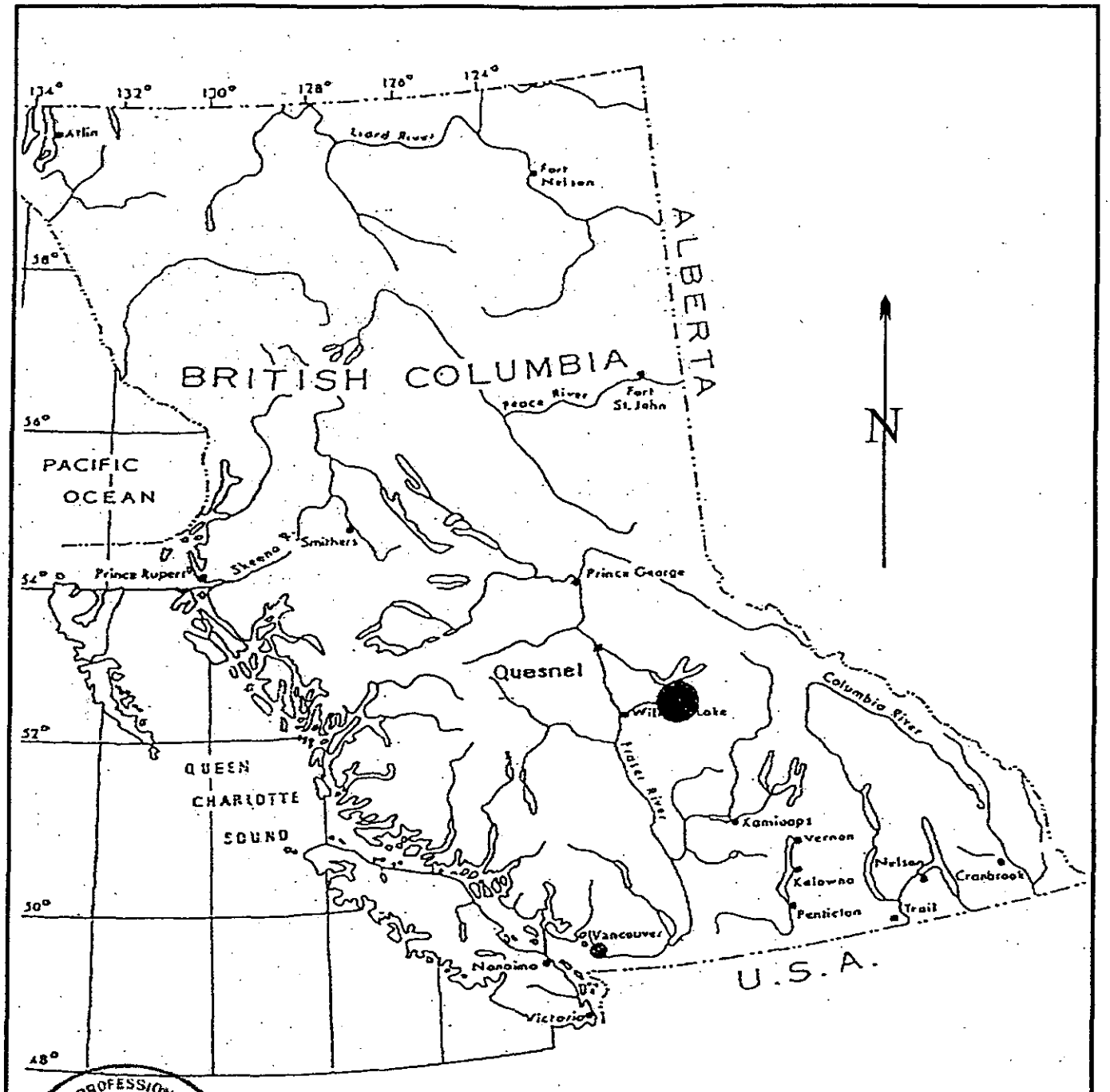
(a) The area of the mineral property is approximately 1675 hectares, allowing for overlaps of claim boundaries.

(b) The claims are located in the Cariboo Mining Division, British Columbia, Latitude 52°17.5'N, Longitude 121°26.5'W, NTS sheet 93A 6W.

(c) The property consists of 36 contiguous unpatented Located Mineral Claims.

Table 1. Located Mineral Claim Data

Registered Owner	*Issue*	*Hectares No.*	*Units (approx.)*	*Claim Name*	*Expiry Date*
G.S. Bains	374347	150	6	EV-1	Nov. 9/03
"	374386	290	15	EV-2	"
"	376981	300	12	EV-3	"
"	376982	140	9	EV-4	"
H.J. Wahl	373348	25	1	Stope Baby -1	"
"	373349	25	1	" -2	"
"	373350	25	1	" -3	"
"	373351	25	1	" -4	"
"	373352	25	1	" -5	"
"	373353	25	1	" -6	"
"	373786	25	1	" -7	"
"	373787	25	1	" -8	"
"	373788	25	1	" -9	"
"	373789	25	1	" -10	"
"	373790	25	1	" -11	"
"	373791	25	1	" -12	"
"	373792	25	1	" -13	"
"	373793	25	1	" -14	"
"	373794	25	1	" -15	"
"	373795	25	1	" -16	"
"	373796	25	1	" -17	"
"	373797	25	1	" -18	"
"	373798	25	1	" -19	"
"	373799	25	1	" -20	"
"	373800	25	1	" -21	"
"	373801	25	1	" -22	"
"	373802	25	1	" -23	"
"	373803	25	1	" -24	"
"	373804	25	1	" -25	"
"	373805	25	1	" -26	"
"	373806	25	1	" -27	"
"	373807	25	1	" -28	"
"	373808	25	1	" -29	"
"	373809	25	1	" -30	"
"	373810	25	1	" -31	"
"	373811	25	1	" -32	"
		1675	74		



REGISTERED PROFESSIONAL ENGINEER
L. B. GOLDSMITH
PROVINCE OF BRITISH COLUMBIA

PROFESSIONAL GEOSCIENTIST
PROVINCE OF BRITISH COLUMBIA
GOLDSMITH

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
L.B. GOLDSMITH

OTISH MOUNTAIN EXPLORATION INC.

FIGURE 1 - LOCATION MAP
STOPE BABY PROJECT
HORSEFLY, B.C.

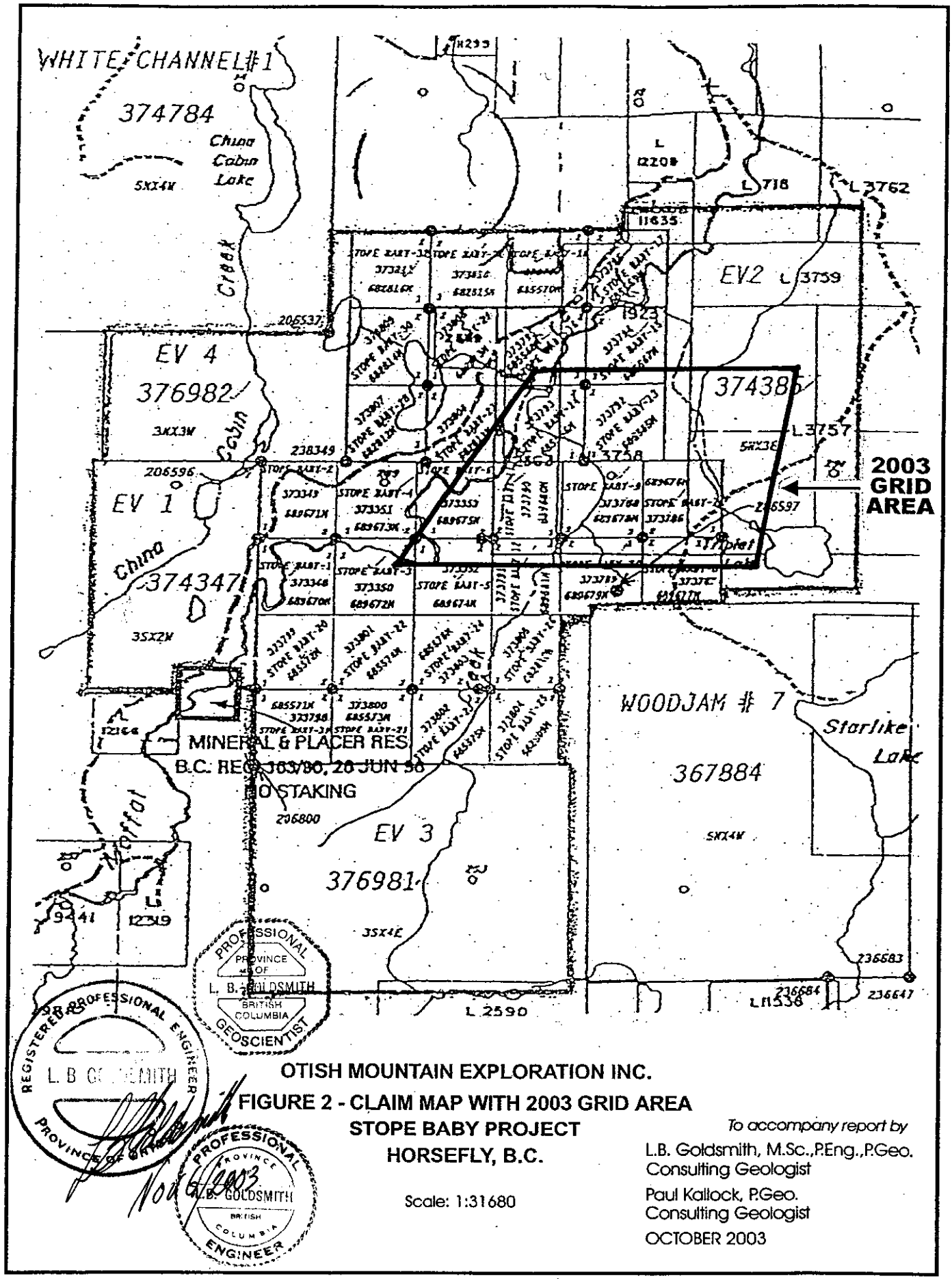
Scale: 1 in = 125 miles (approx.)

To accompany report by

L.B. Goldsmith, M.Sc.,P.Eng.,P.Geo.
Consulting Geologist

Paul Kallock, P.Geo.
Consulting Geologist

OCTOBER 2003



OTISH MOUNTAIN EXPLORATION INC.

FIGURE 2 - CLAIM MAP WITH 2003 GRID AREA

STOPE BABY PROJECT

HORSEFLY, B.C.

Scale: 1:31680

To accompany report by

L.B. Goldsmith, M.Sc.,P.Eng.,P.Geo.
Consulting Geologist

Paul Kallock, P.Geo.
Consulting Geologist

OCTOBER 2003

(d) The issuer's interest in part of the property is obtained through a Property Option Agreement dated for reference December 12, 2002, and a Property Option Amending Agreement dated for reference February 28, 2003 between itself and 766072 Alberta Inc. which documents are included as Appendix 3, and through a Mineral Property Option Agreement dated for reference January 21, 2000, a Mineral Property Option Amending Agreement dated for reference January 21, 2001, a Memorandum of Agreement dated for reference March 12, 2002, and a Memorandum of Agreement dated for reference February 28, 2003 between 766072 Alberta Inc. and Herb Wahl & Jack Brown-John, all of which documents are included in Appendix 1.

A Bill of Sale for the EV-1 to -4 claims from G.S. Bains to Timothy Daniels is included in Appendix 1; this Bill of Sale has not been recorded with the Gold Commissioner of B.C. A copy of an agreement between Timothy Daniels and 766072 Alberta Inc. which states that Timothy Daniels is holding the EV-1 to -4 claims in trust for 766072 Alberta Inc. is also included in Appendix 1.

766072 Alberta Inc. is a wholly owned subsidiary of Erin Ventures Inc.; the document which describes this relationship is included in Appendix 2. Both companies are currently in good standing with Alberta Registries.

No surface rights are included with the property.

The 36 located claims require a yearly assessment work expenditure of $100/unit for the first three years and $200/unit for the subsequent years or the equivalent cash in lieu paid to the Minister of Finance for British Columbia. Assessment work has been filed for the first two years. The author of this report has copies of receipts on file which show that the claims are all in good standing with the Government until November 9, 2003.

One additional year at $100/unit could be applied to maintain all the claims in good standing until November 9, 2004, at a cost of $7400 plus $10/unit filing fees, for a total of $8140. Subsequent years would require an expenditure of $14,800 plus $740 filing fees for a total of $15,540 per year.

(e) The claims have not been legally surveyed.

(f) Figure 3, Geology Map, Stope Baby property, shows the location of the known mineralized zone.

(g) The Option Agreement and Amendments provide for the Optionee to earn 50% interest in the property in stages by performing certain Expenditures on the property and by making certain cash and stock payments to the Optionors. The Optionors retain an advance Production Royalty of $15,000 cash and $5000 of stock yearly, commencing December 31, 2003 if the property is not in production at that date, payments to be credited against a Production Royalty of $0.50 per ton for production of up to 1000 tons per day, reducing by $0.05 per ton for each additional 1000 tons per day mined to a maximum of 5000 tons per day. The Production Royalty may be purchased at any time for $2 million Canadian dollars. The Option Agreement and Amendments (Appendices 1 and 3) should be read in total for complete details of the nature and extent of the issuer's obligations and interest in the property.

(h) There are no known environmental liabilities to which the property is subject.

(i) No permits are required to conduct geophysical surveys. If diamond drilling were to be required in a subsequent program, a permit would be required from the Ministry of Energy and Mines. A permit has not been obtained.

ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE, AND PHYSIOGRAPHY

(a) The topography on the claims is flat to gently rolling in low hills. Drainage is generally northeasterly into Moffat Creek. Elevations range from 915 metres (3000 feet) in the southern part of the claims to 790 metres (2600 feet) in the northeast corner in the valley of Moffat Creek. Vegetation is pine, spruce and poplar, with some open grasslands.

(b) Access to the property is by paved and gravel roads. At 150 Mile House on Highway 97, a paved highway branches easterly and continues to the community of Horsefly. Approximately 0.5 km west of Horsefly on the paved road an all-weather gravel road departs southerly. At 0.2 km the 108 Road branches to the left (southeasterly), follows the northwest side of Moffat Creek, and provides access into the central, western, and southwestern portions of the claims. Approximately 2.5 km along the 108 Road the Starlike Lake Road branches to the southeast and accesses the eastern and central parts of the claims. Various logging roads throughout the claims provide additional access.

(c) The centre of the claim block is approximately 5 km by road from Horsefly, where basic services of accommodation, food and fuel are available. The larger town of Williams Lake where more extensive services are available is approximately 90 km by road to the west.

(d) Summers are warm and dry; winters are cold with a moderate snowfall. The area experiences 6-7 months of snow-free conditions. Traditionally, mining and exploration have been conducted in the vicinity on a year-round basis.

(e) Surface rights on the claims belong to the Crown, and may be obtained by permit to allow facilities for mining operations. Woodlot Licence 1450 covers a part of the southern claims. There are no dwellings in the immediate vicinity. Electric power lines pass through Horsefly. Diesel-generated power could be installed on site. Mining personnel with experience at Gibraltar Mines may be available in the Williams Lake area.

Potential tailings storage, mine waste disposal, heap leach pads, and processing plant areas might all be permitted within the claims.

HISTORY

Refer to Goldsmith (January 11, 2003), Review of Exploration Data, Stope Baby Project, Horsefly B.C., pages 8-15 for detailed accounts of previous exploration at the property, including drill sections of a diamond drilling program undertaken in 2000. This report was filed with SEDAR in 2003.

No mineral resource nor mineral reserve estimates have been made nor has there been any recorded production from the property.

GEOLOGICAL SETTING

Refer to Goldsmith (January 11, 2003), for description of regional, local and property geology.

DEPOSIT TYPES

Discontinuous northerly-trending fracture-filling base metal sulphides with silver and gold values are hosted in volcanics. A northwesterly trending near vertical shear zone may control localization of the mineralization in tension or gash fractures oriented at oblique angles to the bounding margins of the shear. The style of deposit to be sought could be a structurally controlled concentration of stockwork veins/veinlets with sufficient metal content to be extracted by bulk mining.

A second type of deposit model to be considered is disseminated copper and gold mineralization within altered volcanics or silicic intrusive rocks. The sulphides in fracture fillings that are exposed in the canyon southwest of the current grid-area may be part of a halo surrounding a mineralized core. Circular magnetic contour patterns to the southeast outside of the claim boundary suggest the presence of a buried intrusive as do results from the current geophysical survey.

MINERALIZATION

Refer to Goldsmith (January 11, 2003) for details of mineralization and grade of outcrop chip samples acquired in previous exploration programs at the property.

EXPLORATION

a) Results

Prior to the 2003 geological survey, 12.7 km of grid were established as seven east/west lines located in the northeast quadrant of the property. The geological survey used these lines as control for the geological mapping. Hip chain and compass were also used to locate points of interest. A 1:5000 scale plan map of the geology is shown as Figure 3.

Stratigraphy and Lithology

The oldest rocks exposed in the grid area of the northeast part of the property are olivine-pyroxene basalts. Outcrops along Moffat Creek are gray-maroon in color and form subdued weathered outcrops in and adjacent to the creek. Farther upstream, southwest of the grid, similar basalt forms cliffs and the base for several waterfalls.

Another basalt unit was found at the southeast corner of the grid where numerous large boulders of dark gray basalt are present. The rock is homogenous and lacks the distinctive olivine of the previous unit. These boulders may overlie basalt bedrock or may have been displaced a short distance. This unit is similar to flood basalts in the region and is probably Miocene in age. Several areas of soft, poorly indurated siltstone and fine- grained sandstone, moderately well sorted and with weak iron oxide, are visible along Moffat Creek. They appear to underlie glacial till.

Unconsolidated glacial and fluvioglacial sediments composed of gray till are exposed along the banks of Moffat Creek. Within the till, a wide variety of grain sizes, from clay to boulder, and compositions from basalt to granite are present. Thickness of the unit is locally up to 30 metres along the west bank of Moffat Creek.

Structure

From mapping at the property, little can be said about the underlying structure. There is no apparent bedding or flow orientation visible in outcrops of the basalt. Jointing was seen to be steeply dipping toward the southwest.

Drainage patterns in most of the grid-area are toward the northwest, parallel to the general direction of Mussel Creek. Northeast flowing Moffat Creek truncates these drainages. It is not evident on surface if these drainage features mimic underlying structure.

Mineralization

No sulfide mineralization was seen in the grid area. Calcite veinlets were noted in outcrops of hematitic basalt along Moffat Creek. The host rock for these veinlets is similar to exposures farther upstream which host calcite/sphalerite mineralization that was explored by drilling in 2000.

Two targets representing reduced metal-bearing zones that are peripheral to a third target, possibly representing a syenitic intrusive body have been defined within an Enzyme Leach survey. Oxidation anomaly patterns appear to be strongly structurally controlled suggesting the presence of several faults in the subsurface.

A magnetic survey of the northeast grid area of the Stope Baby project suggests a variable volcanic bedrock covered by a thin layer of overburden that may thicken to the east. A large magnetic high centered on line 1500N, 1200E may reflect an intrusive body.

Magnetic intensity measurements are taken along survey traverses and are used to identify mineralization that is related to magnetic materials. The amplitude direction of the magnetic field was measured with a proton magnetometer. The instrument digitally records the survey line, station, total magnetic field and time of day at each station. This information is typically downloaded to a computer at the end of each day for archiving and further processing.

The Maxmin electromagnetic survey detected a weak partial anomaly at the southeast end of the survey. Electromagnetic techniques operate in either the frequency or time domains. In either instance, a time varying magnetic field is established by passing an electrical current through a coil or very long wire. This primary field will generate eddy currents in a conductive medium. These eddy currents will in turn generate a secondary EM field which is diagnostic of the electrical characteristics of the conductive medium excited by the primary field. More detailed description of procedures is found in the accompanying separate geophysical report by Pezzot (2003).

A soil geochemical survey utilizing the enhanced enzyme leach method has been conducted in the northeast grid area. Hill (2003) has documented this survey. A complete report is provided as a separate report and used for reference in this report. Briefly, two targets representing reduced metal bearing zones that are peripheral to a third target, possibly representing a syenitic intrusive body, have been defined within the enzyme leach soil survey. Oxidation anomaly patterns appear to be strongly structurally controlled suggesting the presence of several faults in the subsurface.

Enzyme leach methods aid in the detection of mineral deposits at depths. Mineralization in bedrock is indicated by a host of elements that are distributed into positive and negative patterns in soils at surface, above and around the margins of mineral deposits. Trace elements become trapped at ppb (parts per billion) and ppt (parts per trillion) levels within amorphous oxide coatings on sand and silt grains in soil or sediment in the near-surface environment. Selective extraction by enzyme leach of amorphous MnO_2 (manganese dioxide) within a coating, and subsequent analysis for up to 68 trace and major elements by ICP/MS (Inductively Coupled Plasma/Mass Spectrometry) reveals repeatable patterns that indicate blind mineral deposits.

b) Interpretation

Geological mapping has revealed outcrops of basalt similar to the previously drilled area southwest of the grid-area. They occur near the west ends of the southerly grid lines. However, glacial till overburden along the west bank of Moffat Creek reaches thicknesses of up to 30 metres in this area. Depth to bedrock appears to be less in the southeast corner of the grid where basalt boulders are concentrated.

The magnetic data spans a large range and in a regional sense changes in a regular fashion, thus suggesting the outlines of several geological units and trends. Localized variable response suggests the underlying rocks are volcanic and likely covered by a relatively thin (5-20

metre) layer of overburden. A large feature of high values is present in the north-central part of the grid and may represent an intrusive body.

There are no responses from the maxmin survey to suggest the presence of vertically oriented, high conductivity zones. Other responses of lesser significance are discussed in the geophysical report by Pezzot (2003) listed in the references. The report is included in its entirety along with this report.

For detailed interpretation of the enzyme leach soil geochemistry refer to the report by Hill (September 30, 2003) which is provided as a separate report but referred to as a part of this study. Element patterns as detected by the enzyme leach method revealed three target areas one of which has been interpreted to be underlain by an intrusive body.

c) Contractors

The geological survey was carried out by Paul Kallock, P.Geol. whose certificate is included in this report.

A magnetic and Maxmin electromagnetic survey was conducted by SJ Geophysics Ltd. and reported by E. Trent Pezzot, P.Geo., geophysicist for S.J.V. Consultants Ltd. a copy of which is provided along with this report.

A soil geochemical survey utilizing the enzyme leach method was performed on the northeast grid area of the property. The soil samples were gathered under the direction of the authors. Analyses were carried out by Actlabs of Ancaster, Ontario and interpretation was performed by Gregory T. Hill. His report accompanies the present report.

d) Reliability of Data

The amount of detail shown on the geology map was limited to areas near grid lines and the banks of Moffat Creek. No microscopic work on rock types was carried out. Field identification of rock units are used. Time scale assignment of the rock units is not authenticated.

The quality of line cutting and grid survey was not perfect. The chaining was not accurate, and the distance between stations was not consistent. Three of the seven lines were mislabeled on the western side. The geophysical surveys took these errors and distortion into account (Pezzot, August 7, 2003).

Difficulty with interpreting enzyme leach patterns from the soil geochemical survey include: establishing the correct sample spacing which should be 25% or less of the subsurface deposit,

: oxidation anomalies may overlap and be difficult to interpret,

: oxidation patterns may extend beyond the surveyed area,

: surface signatures of mineral deposits can have variable composition, depth, host rocks, size and thickness of overburden.

DRILLING

No drilling was undertaken at the property in 2003. In 2000 a two hole drilling program was conducted in the central part of the property approximately 300 m. southwest of the present grid area, as documented by Wallis (2000) and cited in Goldsmith (January 11, 2003) which report has been filed with SEDAR.

SAMPLING METHOD AND APPROACH

(a) As stated in Hill (September 30, 2003) which accompanies this report, B-horizon glacial drift soils were collected from 262 sites at 50 metre intervals along seven east-west sample traverses separated by 250 metres, except for the southernmost line which is separated by 300 metres. The sample distribution was designed by and sampling was carried out under the supervision of the authors of this report. Approximately 2.25 square km. were covered by the survey.

(b) The accuracy of sampling is believed to be acceptable.

(c) The soil samples represent material within 10 to 30 cm of the ground surface. No bias is believed to exist in the collection of this material. Interpretation of potential buried mineral deposits below these soils is more subjective.

(d) Greater precision in identifying buried mineral deposits would require greater density of soil sampling, however costs would increase. Therefore 50 metres between sample stations was thought to be optimal.

(e) A complete list of geochemical analyses by Actlabs is included as Appendix 4.

SAMPLE PREPARATION, ANALYSES AND SECURITY

a) Sample preparation was carried out by Acme Labs of Vancouver, B.C. and Actlabs of Ancaster, Ontario.

b) Acme Laboratories of Vancouver B.C. dried, screened to -60 mesh, weighed to 100 grams, packaged in Kraft manila envelopes and shipped the soil samples to Actlabs Ltd. in Ancaster, Ontario, where the samples were analysed for 68 elements by enhanced leach method: Code 7 Enhanced-enzyme leach ICP/MS. Both Acme Labs and Actlabs are certified laboratories.

c) No check assays or duplicate samples were carried out.

d) In the opinion of the authors the amount of sampling, sample preparation, security and analytical procedures are adequate for this stage of exploration.

DATA VERIFICATION

a) Instruments used to collect samples were cleaned after each use. Samples were placed in new, clean manila envelopes and packaged and shipped to the lab in Vancouver in good order.

b) The authors have overseen and in many cases personally collected the soil samples on the geochemical survey. They rely entirely on the laboratories for accurate analyses and on Hill (September 30, 2003) for enzyme leach interpretation.

c) The authors of this report have relied upon maps, drill logs, drill sections, and analyses that are contained in the report of J.E. Wallis, P.Eng. (op. cit.), and on the reports of geophysicist E. Trent Pezzot, P.Geo., for geophysics, and Gregory T. Hill, geologist/geochemist for the interpretation of enzyme leach soil geochemistry.

d) The geological setting, topography and geomorphology of the northeast grid area in the Pezzot (August 7, 2003) report correspond to the observations by the authors of this report.

ADJACENT PROPERTIES

Diamond drilling has taken place on adjacent properties that have been described and discussed in a previous report by Goldsmith (2003) that has been filed with SEDAR.

OTHER RELEVANT DATA AND INFORMATION

Numerous property option agreements concerning the claims have been included in the previous report by Goldsmith (2003) which have been filed with SEDAR. Together the documents have been included in compliance with Item 6(d) of Policy Document Form 43-101F1.

INTERPRETATION AND CONCLUSIONS

Interpretation

Outcrops of hematitic olivine basalt occur along Moffat Creek northeast of the previously drilled sphalerite mineralization. Calcite veining was observed within these exposures.

Three target areas have been developed by an enzyme leach soil geochemical survey as well as general geological trends. An intrusive body is thought to underlie one of these targets.

A large magnetic high may outline an intrusive body on the northern portion of the survey grid. This body lies north of the body outlined by the enzyme leach pattern.

Conclusions

The project in 2003 was successful in suggesting exploration targets both from the magnetic geophysical survey and from the enzyme leach soil geochemical survey. The two surveys may have detected different causative sources because of variable sensitivity to depth of overburden and/or variable composition of overburden.

RECOMMENDATIONS

Because the main exploration target could be mineralization in the vicinity of a syenite intrusion, Pezzot (August 7, 2003) suggests applying an induced polarization geophysical technique. Hill (September 30, 2003) suggests additional soil geochemical sampling with enhanced enzyme leach analyses to further define targets.

The authors of this report recommend IP (induced polarization) to be the next exploration method in the northeast grid area of the property. Electrode arrays, configuration, and spacing that will permit collection of data and interpretation to depths of 100 metres should be used.

Diamond drilling might be required in a subsequent phase.

In the opinion of the authors of this report the character of the property is of sufficient merit to justify the recommended program.

Cost Estimate

Phase 1 is considered to have been exploration that was completed in 2000. Phase 2 was completed in 2003 and is documented by this report.

Phase 3

Grid correction and preparation 15 km @ 350/km	$ 5,250	
Induced polarization surveys, approximately 30 km @ $150/km	34,500	
Supervision, engineering	3,000	
Travel	500	
Vehicle, fuel	700	
Room and board	700	
Report	3,000	
	47,650	
Contingencies @ 10%	4,765	
	52,415	$52,415

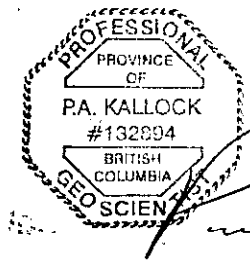
Phase 4

NQ diamond drilling, 1500 metres			
@$100/metre		$150,000	
Geological and engineering supervision		25,000	
Analyses		2,000	
Vehicle, fuel		2,500	
Room and board		3,000	
Supplies		500	
Report		5,000	
		188,000	
	Contingencies@15%	28,200	
		$216,200	$216,200
	Total Phases 3 and 4		$268,615

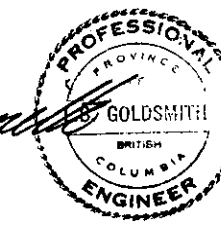
Results of each Phase should be compiled into a report written and prepared by a Qualified Person. Continuance to each subsequent Phase should be contingent upon favourable conclusions and recommendations from a Qualified Person.

DATE

Vancouver, B.C.
October 25,2003



Paul Kallock, P. Geo.
Consulting Geologist



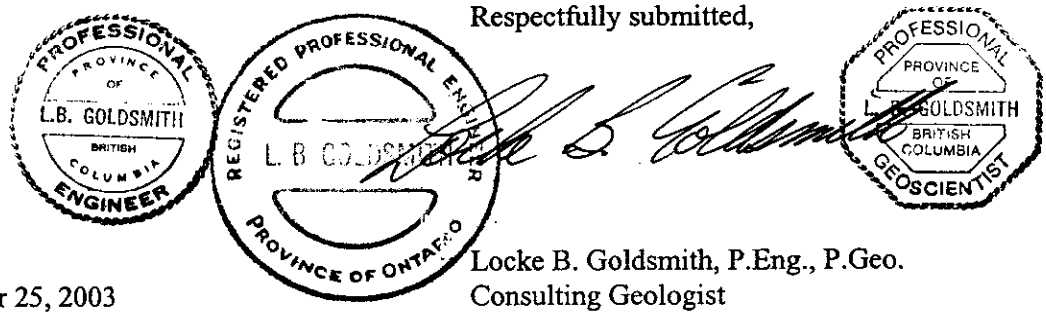
Locke B. Goldsmith, P. Eng., P. Geo.
Consulting Geologist

ENGINEER'S AND GEOLOGIST'S CERTIFICATE

LOCKE B. GOLDSMITH

1. I, Locke B. Goldsmith, am a registered Professional Engineer in the Provinces of Ontario and British Columbia, and a Registered Professional Geoscientist in the Province of British Columbia and a Registered Professional Geologist in the States of Oregon, Minnesota, and Wisconsin. My address is 301, 1855 Balsam Street, Vancouver, B.C. My occupation is that of Consulting Geologist.
2. I have a B.Sc. (Honours) degree in Geology from Michigan Technological University, a M.Sc. degree in Geology from the University of British Columbia, and have done postgraduate study in Geology at Michigan Tech and the University of Nevada. I am a graduate of the Haileybury School of Mines, and a Certified Mining Technician. I am a Member of the Society of Economic Geologists, the AIME, and a Fellow of the Geological Association of Canada.
3. I have been engaged in mining exploration for the past 45 years.
4. I am a qualified person for purposes of this report.
5. I have co-authored the report entitled, "Geological Investigation and Review of Geophysical and Soil Geochemical Surveys", dated October 25, 2003. The report is based upon published and private geological reports, maps, and drill logs, and upon data collected during property examinations on October 27, 2002 and June 28-July 9, 2003.
6. Other than the review of historic information for use in this report and a property examination on October 27, 2002, and June 28-July 9, 2003, I have had no direct involvement with the property that is the subject of the technical report.
7. I am responsible for all of the technical report, subject to the Disclaimer.
8. I am not aware of any material fact or material change with respect to the subject matter of the technical report which is not reflected in the technical report, the omission to disclose which makes the technical report misleading.
9. I am independent of the issuer applying the tests set out in section 1.5 of National Instrument 43-101. I have no ownership in the property, nor in the stocks of Otish Mountain Exploration Inc., 766072 Alberta Inc., or Erin Ventures Inc.
10. I have read National Instrument 43-101, 43-101CP, and Form 43-101F1, and the technical report has been prepared in compliance with Instrument 43-101 and Form 43-101F1.
11. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication of the Technical Report in the public company files on their websites accessible by the public.

Respectfully submitted,

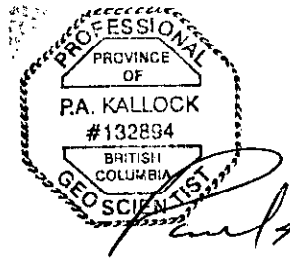


Locke B. Goldsmith, P.Eng., P.Geo.
Consulting Geologist

Vancouver, B.C. October 25, 2003

GEOLOGIST'S CERTIFICATE

1. I, Paul Kallock, am a Registered Professional Geoscientist in the Province of British Columbia. My address is Suite 502, 595 Howe St, Vancouver, B.C. My occupation is that of Consulting Geologist.
2. I have a B.Sc. degree in Geology from Washington State University.
3. I have been engaged in mining exploration for the past 33 years.
4. I am a qualified person for purposes of this report.
5. I have co-authored the report entitled, "Geological Investigation and Review of Geophysical and Soil Geochemical Surveys", dated October 25, 2003. The report is based upon published and private geological reports, maps, and drill logs, and upon data collected during a property examination from July 1-9, 2003.
6. Other than the review of historic information for use in this report and a property examination from July 1-9, 2003, I have had no direct involvement with the property that is the subject of the technical report.
7. I am responsible for all of the technical report, subject to the Disclaimer.
8. I am not aware of any material fact or material change with respect to the subject matter of the technical report which is not reflected in the technical report, the omission to disclose which makes the technical report misleading.
9. I am independent of the issuer applying the tests set out in section 1.5 of National Instrument 43-101. I have no ownership in the property, nor in the stocks of Otish Mountain Exploration Inc., 766072 Alberta Inc., or Erin Ventures Inc.
10. I have read National Instrument 43-101, 43-101CP, and Form 43-101F1, and the technical report has been prepared in compliance with Instrument 43-101 and Form 43-101F1.
11. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication of the Technical Report in the public company files on their websites accessible by the public.



Vancouver, B.C. October 25, 2003

Paul Kallock
Consulting Geologist

REFERENCES

Campbell, S., and Pentland, W., 1983. A diamond drilling report on the Horsefly property, LS #1, AB #3 & 4 mineral claims, Horsefly, B.C., Cariboo Mining Division. Private report for Placer Development Limited. Assessment report #12522.

Carne, J., M.Sc., 1984. Geological and geochemical report on the Ravioli claims, Cariboo Mining Division, B.C. Private report for Rockridge Mining Corporation. Assessment report #13741.

Forand, L., and Hassell, D.W., 1984. 1984 summer exploration program for Golden Flats, Goldie, and Moffat Falls claims, Starlike Lake area, Cariboo Mining Division. Private report for Asamera Inc. Assessment report #13490.

Goldsmith, L.B., January 11, 2003. Review of exploration data, Stope Baby project, Horsefly, B.C., Cariboo Mining Division, Private report for Otish Mountain Exploration Inc.

Hill, Gregory T., September 30, 2003. Interpretation of enzyme leach survey data from the Stope Baby base and precious metals prospect, Horsefly, B.C. Private report for Otish Mountain Exploration Inc.

Panteleyev, A., P.Eng., et al., 1996. Geology and mineral deposits of the Quesnel River-Horsefly map area, British Columbia. British Columbia Geological Survey Branch, Bulletin 97.

Pezzot, E. Trent, P.Geo., August 7, 2003. Logistics and interpretation report on magnetic and electromagnetic surveys, Horsefly prospect. Private report for Otish Mountain Exploration Inc.

Wallis, J.E., P.Eng., 2000. Summary of exploration, Stope Baby Project, Horsefly, B.C., Cariboo Mining Division. Private report. Assessment report #26377.

COST STATEMENT, 2003 PROGRAM

Personnel		
L.B. Goldsmith, June 24-July 1, Oct. 27, ¼ Oct. 30		
total 8¼ days @ $700/day	$5,775.00	
GST	404.25	
P. Kallock, June 30, July 1-9, Oct. 25,		
total 11 days @ $450/day	4,950.00	
C.W. Donald-Hill, July 3-10, total 7 days @ $300/day	2,100.00	
	13,229.25	$13,229.25
Grid Preparation		9,530.00
Geophysics		9,694.99
Enzyme Leach Interpretation		3,306.00
Transportation		
4x4 vehicle rental (18 vehicle days total)	250.00	
2994 km @ $0.46/km	1,377.24	
Gas	239.84	
	1,867.08	
$1,867.08 ÷ 18 vehicle days = $103.73/vehicle/day		
Bus, airfare	212.08	
	2,079.16	2,079.16
Accommodation, Meals		
$1,924.67 ÷ 24 field days = $80.19/field day		1,924.67
Analyses		
Acme Labs	841.02	
ACT Labs	9,531.56	
	10,372.58	10,372.58
Supplies		291.30
Report		
Drafting, word processing, materials		778.30
	Total	**$51,206.25**

APPENDIX 1

MINERAL PROPERTY OPTION AGREEMENT

THIS AGREEMENT is dated for reference the 21st day of January, 2000.

BETWEEN:

HERB WAHL of RR10, 1416 Ocean Beach Espl, Gibsons, B.C. V0N 1V3 and **JACK BROWN-JOHN** of Box 4246 Williams Lake, B.C. V2G-2V3

(referred to hereinafter as the "Optionors")

OF THE FIRST PART

AND:

766072 ALBERTA INC., a company duly incorporated under the laws of the Province of British Columbia and having an office at Suite 907 Empire Building, 10080 Jasper Avenue, Edmonton, Alberta, T5J 1V9.

(referred to hereinafter as the "Optionee")

OF THE SECOND PART

WHEREAS

A. The Optionors have represented to the Optionee that they are the legal and beneficial owners of an undivided one hundred percent (100%) interest in and to those mineral claims (as hereinafter defined);

B. The Optionors wish to grant and the Optionee wishes to acquire the right to earn an undivided one hundred percent (100%) interest in and to the Property (as hereinafter defined) on the terms and subject to the conditions set out in this Agreement.

NOW THEREFORE THIS AGREEMENT WITNESSETH that in consideration of the premises and of the mutual promises, covenants, conditions, representations and warranties herein set out, the parties agree as follows:

1. INTERPRETATION

1.1 For the purposes of this Agreement, including the recitals and any schedules hereto, unless there is something in the subject matter of context inconsistent therewith, the following words and expressions shall have the following meaning:

(a) "After Acquired Properties" means any and all mineral interests staked, located, granted or acquired by or on behalf of any party during the currency of this Agreement, located in whole or in part within five (5) kilometers of the perimeter of the Property;

(b) "Agreement" means this Agreement, as amended from time to time;

(c) "Agreement Date" means the date referenced on page one of this Agreement;

(d) "Commercial Production" means the operation of the Property or any portion thereof as a producing mine and the production of mineral products therefrom (excluding bulk sampling, pilot plan or test operations);

(e) "Expenditures" mean all cash, expenses, obligations and liabilities, other than for personal injury or property damage, of whatever kind or nature spent or incurred directly or indirectly in connection with the exploration, development or equipping of the Property or any portion thereof for Commercial Production including, without limiting the generality of the foregoing, monies, machinery and equipment in connection with Mining Work, in paying any taxes, fees, charges, payments or rentals (including payments in lieu of assessment work) or otherwise to keep the Property or any portion thereof in good standing (including any payment to or in respect of acquiring any agreement or confirmation from any holder of surface rights respecting the Property or any portion thereof), in carrying out any survey of the Property or any portion thereof, in doing geophysical, geochemical and geological surveys, in drilling, assaying, metallurgical testing, bulk sampling and pilot plan operations, in paying the fees, wages, salaries, and traveling expenses, of all persons engaged in work with respect to and for the benefit of the Property or any portion thereof or in any other respects necessary for the due carrying out of Mining Work;

(f) "Mining Work" means every kind of work done on or in respect of the Property or the products therefrom by or under the direction of or on behalf of or for the benefit of a party and, without limiting the generality of the foregoing, includes assessment work, geophysical, geochemical and geological surveying, studies and mapping, investigating, drilling, designing, examining, equipping, improving, surveying, searching for, digging, trucking, sampling, working and procuring minerals, mineral products, ores, metals and concentrates, surveying any mineral claims or other land title interests, reporting and all other work usually considered to be prospecting and exploration;

(g) "Option" means the option granted by the Optionors to the Optionee under Section 3.1 of this Agreement;

Expansion of claim boundaries of properties currently held by Wahl/Brown/John that intrude against or within the 5Km zone will be exempt from the provisions of this agreement. Specifically the Dot Com and Rand/Epcity claims only.

(h) "Option Payment" means the funds to be paid by the Optionee to the Optionor in accordance with paragraph 3.2 in the form of cash payments aggregating $140,000.00;

(i) "Option Period" means the period from the date hereof to and including January 15, 2002;

(j) "Production Royalty" means a royalty in the amount of $0.50 per ton for production up to 1000 tons per day, reducing by $0.05 per ton for each additional 1,000 tons per day mined to a maximum of 5,000 tons per day. For example, at 5,000 tons per day the production royalty would be $0.30 per ton mined or $1,500 per day; and

(i) "Property" means those mineral properties more particularly described in Schedule "A" hereto together with the minerals rights, personal property and permits associated therewith, and shall include any renewal thereof and any other form of successor or substitute thereof and any other form of successor or substitute title thereto, and any After Acquired Properties.

1.2 In this Agreement, all dollar amounts are expressed in lawful currency of Canada, unless specifically provided to the contrary.

1.3 The titles to respective Articles hereof shall not be deemed to be a part of this Agreement but shall be regarded as having been used for convenience only.

1.4 Words used herein importing the singular number shall include the plural and vice-versa, and words importing the masculine gender shall include the feminine and neuter genders, and vice-versa, and words importing persons shall include firms, partnerships and corporations.

2. REPRESENTATIONS AND WARRANTIES

2.1 The Optionee represents and warrants to the Optionors that:

(a) it is a company duly incorporated, validly subsisting and in good standing with respect to filing of annual reports under the law of the jurisdiction of its incorporation and is or will be qualified to do business and hold an interest in the Property in the jurisdiction in which the Property is located;

(b) it has full power and authority to carry on its business and to enter into this Agreement any agreement or instrument referred to in or contemplated by this Agreement and to carry out and perform all of its obligations and duties hereunder;

(c) it has duly obtained all authorizations for the execution, delivery and performance of this Agreement, and such execution, delivery and performance and the

consummation of the transactions herein contemplated will not conflict with or accelerate the performance required by or result in any breach of any covenants or agreements contained in or constitute a default under, or result in the creation (of) any encumbrance, lien or charge under the provisions of its constating or initiating documents or to which it is a party or by which it is bound or to which it may be subject and will not contravene any applicable laws.

2.2 The Optionors represent and warrant to the Optionee that:

(a) they are the sole beneficial owners of a 100% interest in and to the Property;

(b) the Property is in good standing under the laws of the Province of British Columbia;

(c) the Property is free and clear of all liens, charges and encumbrances and is not subject to any right, claim or interest of any other person;

(d) they have complied with all laws in effect in the Province of British Columbia with respect to the Property and such Property has been duly and properly staked and recorded in accordance with such laws;

(e) the Optionee may enter in, under or upon the Property for all purposes of this Agreement without making any payment to, and without accounting to or obtaining the permission of, any other person other than any payment required to be made under this Agreement; and

(f) the Optionors are not aware of any adverse claim or challenge against or to the ownership of or title to the Property, or any portion thereof nor are the Optionors aware of any basis therefor and there are no outstanding agreements or options to acquire or purchase the Property or any portion thereof or interest whatsoever in production or profits from the Property or any portion thereof, and the Property is not the whole or substantially the whole of the Optionor's assets or undertakings.

2.3 The representations and warranties hereinbefore set out are conditions on which the parties have relied in entering into this Agreement, are to be construed as both conditions and warranties and shall, regardless of any investigation which may have been by or on behalf of any party as to the accuracy of such representations and warranties, survive the closing of the transaction contemplated hereby and each of the parties will indemnify and save the other harmless from al loss, damage, costs, actions and suits arising out of or in connections with any breach of any representation or warranty contained in this Agreement, and each party shall be entitled, in addition to any other remedy to which it may be entitled, to set off any such loss, damage or costs suffered by it as a result of any such breach against any payment required to be made by it to any other party hereunder.

3. OPTION

3.1 Grant of Option

In consideration of the Optionee making the Option Payments referred to in paragraph 3.2, subject to the provisions of this Agreement, the Optionor hereby grants to the Optionee during the Option Period the exclusive and irrevocable rights and option to acquire an undivided 100% interest in and to the Optioned Property from the Optionor free and clear of all liens, charges, encumbrances, claims, rights or interests save and except for the Royalties. The parties hereto acknowledge that the Optionee intends to option its interest in the Optioned Property to a public corporation ("PUBCO") pursuant to which the Optionee shall cause PUBCO to assume the obligations of the Optionee. The Optionee shall, during the Option Period, have the right in respect of the Optioned Property to:

(a) enter in, under and upon the Optioned Property to inspect the Optioned Property and to review any exploration work performed on the Optioned Property by the Optionor; and

(b) to receive all income or other tax deductions, allowances and credits and all incentive grants or other benefits available pursuant to any existing or future federal or provincial incentive program with regards to expenditures on the Optioned Property.

3.2 Option Payments and Expenditures

The Optionors hereby grant to the Optionee, the sole and exclusive right and option to acquire an undivided one hundred percent (100%) interest in and to the Property, free and clear of all liens, charges, encumbrances, claims, rights or interest of any person, such option to be exercisable by the Optionee by making the Option Payments and Expenditures in the amounts and not later than the dates set out hereunder:

Option Payment made no later than		Option Payment	Commit to Expenditures	Expenditures by
(a)	January 28, 2000	$20,000	150,000	December 31, 2000
(b)	January 15, 2001	$40,000	$400,000	December 31, 2001
(c)	January 15, 2002	$80,000	$500,000	December 31, 2002
		Totals:	$140,000 to the Optionors and $1,050,000 in expenditures	

4. RIGHT OF ENTRY

4.1 Except as otherwise provided in this Agreement, until the Option is exercised or terminated in accordance with the terms of this Agreement, the Optionee, its servants and agents shall have the sole and exclusive right to:

(b) exclusive and quiet possession of the Property;

(c) bring upon the Property and to erect thereon such mining facilities as it may consider advisable;

(d) remove such minerals, mineral products, ores, metals or concentrates from the Property as are required for the purpose of exploration and evaluation of the Property;

(e) all other things deemed necessary or desirable by the Optionee to carry out exploration programs on the Property.

5. POWERS, DUTIES AND OBLIGATIONS OF THE OPTIONEE

5.1 The Optionee shall have full right, power and authority to do everything necessary or desirable to carry out exploration programs on the property and to determine the manner of exploration on the property and, without limiting the generality of the foregoing, the right, power and authority to:

(a) regulate access to the Property, subject only to the right of the Optionors and their representatives to have access to the Property at all times for the purpose of inspecting work being done thereon but at their own risk and expense;

(b) employ and engage such employees, agents and independent contractors as it may consider necessary and advisable to carry out its duties and obligations hereunder and in this connection to delegate any to its powers and right to perform it duties and obligations hereunder but the Optionee shall not enter into contractual relationships except on terms which are commercially competitive;

(c) execute all documents, deeds and instruments, do or cause to be done all such acts and things and give all such assurances as may be necessary to maintain good and valid title to the Property and each party hereby irrevocably constitutes the Optionee its true and lawful attorney to give effect to the foregoing and hereby agrees to indemnify and save the Optionee harmless from any and all costs, loss or damage sustained or incurred without negligence or bad faith by the Optionee directly or indirectly as a result of its exercise of its power pursuant to this Subsection 5.1(c); and

(d) conduct such title examinations and cure such title defects as may be advisable in the reasonable judgment of the Optionee.

5.2 The Optionee shall have the following duties and obligations:

(a) to keep the Property free and clear of all liens and encumbrances arising from its operations hereunder and in good standing by the doing and filing, or payment in lieu thereof, of all necessary assessment work and, where possible, by filing all assessment work done on the Property and payment of all taxes required to be paid and by doing of all other acts and things and the making of all other payments required to be made which may be necessary in that regard;

(b) to permit the Optionors and their representatives, duly authorized by them, in writing, at their own risk and expense, access to the Property at all reasonable times and to all records prepared by the Optionee in connection with Mining Work. The Optionee shall prepare and deliver to the Optionors at reasonable intervals, reports on all Mining Work carried out on the Property, and annual certified copy of expenditures performed on the property

(c) to conduct all work on or with respect to the Property in a manner consistent with industry standards and in accordance with the applicable laws of the Province of British Columbia and indemnify and save the Optionors harmless from any and all claims, suits or actions made or brought against the Optionors as a result of work done by the Optionee on or with respect to the Property; and

(f) to maintain true and correct books, accounts and records of operations hereunder.

6 VESTING OF INTEREST

6.1 Forthwith upon the Optionee exercising the Option by performing the requirements of Section 3.2(a) and (b), an undivided fifty-five percent (55%) interest in and to the Property shall vest, and shall be deemed for all purposes hereof to have vested, in the Optionee.

6.2 The Optionors convenant and agree that upon the Optionee exercising the Option, by performing the requirements of this agreement, the Optionors shall deliver to the Optionee a recordable transfer or transfers, or such other instrument as may be required, of an undivided fifty-five percent (55%) interest in and to the Property, in the name of the Optionee, and the Optionee shall be entitled forthwith to record such transfer documents with the Mining Recorder for the jurisdiction in which the Property is located.

6.3 Forthwith upon the Optionee exercising the Option by performing the requirements of Section 3.2(c), an additional undivided forty-five percent (45%) interest in and to the Property shall vest, and shall be deemed for all purposes hereof to have vested, in the Optionee.

6.4 The Optionors convenant and agree that upon the Optionee exercising the Option, by performing the requirements of this agreement, the Optionors shall deliver to the Optionee a recordable transfer or transfers, or such other instrument as may be required, of an undivided one hundred percent (100%) interest in and to the Property, in the name of the Optionee, and the Optionee shall be entitled forthwith to record such transfer documents with the Mining Recorder for the jurisdiction in which the Property is located.

6.5 The parties acknowledge the right and privilege of the Optionors and the Optionee to file, register or otherwise deposit a copy of this Agreement with the Office of the Vancouver Mining Recorder for the purpose of giving third parties notice of this agreement, and hereby agree, each with the others, to do or cause to be done all acts or things reasonably necessary to effect such filing, registration or deposit.

6.6 The Optionors convenant and agree that, until the Option is exercised or terminated in accordance with the terms of this agreement, it shall not sell, assign, transfer, convey, mortgage, grant an option in respect of, or grant a right to purchase or in any manner whatsoever transfer, alienate or otherwise dispose of, all or any part of the interest in and to the Property which is the subject of this Agreement.

7. TERMINATION OF OPTION

7.1 In the event of default in the performance of the requirements of Section 3.2, and subject to the provisions of Sections 7.3 and 16.1 of this Agreement, the Option and this Agreement shall terminate and all right title and interest to the Property shall thereupon revert to the Optionors and the Optionee shall have no further rights or interest in or to the Property.

7.2 The Optionee shall have the right to terminate this Agreement at any time by giving written notice of such termination to the Optionor. This Agreement shall terminate on the date the Optionor is deemed to have received such notice pursuant to Subsection 11.2. Upon such termination, this Agreement shall be of no further force and effect.

7.3 Notwithstanding any other provisions of this Agreement, in the event of termination of this Agreement, the Optionee shall:

(a) leave the Property free and clear of all liens and encumbrances resulting from activities carried out by the Optionee;

(b) leave the Property in good standing with the Mining Recorders' Office for a minimum period of three (3) years, and file all exploration work accrued to the date of termination of this Agreement;

(c) in relation to Mining Work carried out on the Property by the Optionee, perform and secure the performance of all reclamation and environmental rehabilitation on the Property as may be required by all applicable legislation; and

(d) within 240 days of receiving notice from the Optionors to do so, remove all materials, supplies and equipment erected, installed or brought upon the Property by or at the instance of the Optionee.

8. PRODUCTION ROYALTIES

8.1 Upon the attainment of production, the Optionee shall be obligated to pay the Optionor a Production Royalty.

8.2 In the event that production is not achieved on the Property prior to December 31, 2002, the Optionee agrees to pay the Optionor an advance royalty of $20,000 by January 15 of each following year until production is attainable. The total amount of these advance royalty payments shall be deductible against the initial Production Royalty.

9. ACQUISITION OF PRODUCTION ROYALTY

9.1 The Optionor hereby grants the Optionee the right to purchase the Production Royalty at any time, hereinafter, for the sum of two million Canadian ($2,000,000.00) dollars.

10. AFTER ACQUIRED PROPERTIES

10.1 The parties covenant and agree, each with the other, that any and all After Acquired Properties shall be subject to the terms and conditions of this Agreement, and shall be added to and deemed, for all purposes hereof, to be included in the Property.

11. NOTICE

11.1 Any notice, direction, or other instrument required or permitted to be given under this Agreement shall be in writing and shall be given by the delivery of same or by mailing same by prepaid registered or certified mail or by sending same by facsimile or other similar form of communication, in each case addressed to the intended recipient at the address of the respective party set out on the first page hereof.

11.2 Any notice, direction or other instrument aforesaid will, if delivered, be deemed to have been given and received on the day it was delivered, and, if mailed, day of mailing, except in the event of disruption of the postal service in which event notice will be deemed to be received only when actually received and, if sent by facsimile or other similar form of communication, be deemed to have been given and received on the day it was actually received.

11.3 any party may at any time give notice in writing to the others of any change of address, and from and after the giving of such notice, the address therein specified will be deemed to be the address of such party for the purposes of giving notice hereunder.

12. FURTHER ASSURANCES

12.1 Each of the parties convenants and agrees, from time to time and at all times, to do all such further acts and execute and deliver all such further deeds, documents and assurances as may be reasonably required in order to fully perform and carry out the terms and intent of this Agreement.

13. TIME OF THE ESSENCE

13.1 Time shall be of the essence in the performance of this Agreement.

14. ENUREMENT

14.1 This Agreement shall enure to the benefit of and be binding upon the parties and their respective successors and assigns.

15. FORCE MAJEURE

15.1 No party will be liable for its failure to perform any of its obligations under this Agreement due to a cause beyond its reasonable control including but not limited to, act of god, fire, storm, flood, explosion, strike, lockout or other industrial disturbance, act of public enemy, war, riot, law, rule and regulation or order of any duly constituted governmental authority or unavailability of materials of transportation (each an "Intervening Event"). All time limits imposed by this Agreement will be extended by a period equivalent to the period of delay resulting from an Intervening Event.

16. DEFAULT

16.1 If a party is in default of any requirement herein set forth (the "Defaulting Party"), the party affected by such default (the "Non-Defaulting Party") shall give written notice to all other parties within sixty (60) days of becoming aware of such default, specifying the default, and the Defaulting Party shall not lose any rights, remedies or cause of action pursuant to this Agreement, or otherwise hereunder as a result of such default, unless within thirty (30) days after the giving of notice of default by the Non-Defaulting Party, the Defaulting Party has failed to cure the default by the appropriate performance, and if the Defaulting Party fails within such period to cure such default, the Non-Defaulting Party may terminate this Agreement and be entitled to seek any other remedy it may have on account of such default.

17. SEVERABILITY

17.1 If any one or more of the provisions contained herein should be invalid, illegal or unenforceable in any respect in any jurisdiction, the validity, legality and enforceability of such provisions shall not in any way be affected or impaired thereby in any other jurisdiction and the validity, legality and enforceability of the remaining provisions contained herein shall not in any way be affected or impaired thereby.

18. AMENDMENT

18.1 This Agreement may not be changed orally but only by an agreement in writing, signed by the party against which the enforcement, waiver, change, modification or discharge is sought.

19. ENTIRE AGREEMENT

19.1 This Agreement constitutes and contains the entire agreement and understanding between the parties and supersedes all prior agreements, memoranda, correspondence, communications, negotiations and representations, whether oral or written, express or implied, statutory or otherwise between the parties or any of them with respect to the subject matter hereof.

20. OPTION ONLY

20.1 This Agreement provides for an option only, and except as specifically provided otherwise, nothing herein contained shall be construed as obligating the Optionee to do any acts or make any payments hereunder and any act or acts or payment or payments as shall be made hereunder and shall not be construed as obligating the Optionee to do any further act or make any further payment.

21. GOVERNING LAW AND ATTORNMENT

21.1 This Agreement shall be governed by and interpreted in accordance with the laws of the Province of Alberta.

21.2 All disputes arising out of or in connection with this Agreement, or in respect of any defined legal relationship associated with or derived therefrom, shall be referred to and finally resolved by arbitration under the rules of the Alberta Arbitration Act.

IN WITNESS WHEREOF the parties have executed this Agreement as of the day, month and year first above written.

766072 ALBERTA INC.

Per: _____ (C/S)
J.E. WALLS

Authorized Signatory

SIGNED, SEALED and DELIVERED by
HERBERT WAHL
in the presence of:

Signature of Witness

DAVID JAMIESON
Print Name

13 MacDonald Road
Address WHITEHORSE YUKON
Y1A 4L1

HERB WAHL

SIGNED, SEALED and DELIVERED by
JACK BROWN-JOHN
in the presence of:

Signature of Witness

DAVID JAMIESON
Print Name

13 MacDonald Road
Address WHITEHORSE YUKON
Y1A 4L1

JACK BROWN-JOHN

Received: 07 Dec.00 12:09 PM From: 7804263512 To: 5083555678 Powered by eFax.com Page: 13 of 13
12/07/2000 11:01 7804263512
01/25/2000 16:31 7804263512 PAGE 14/14

SCHEDULE "A"

To that Option Agreement
dated as of the 21st day of January, 2000,
between Herb Wahl and Jack Brown-John
and 766072 Alberta Inc.

DESCRIPTION OF PROPERTY

CLAIM NAME	UNITS	RECORD NO.	RECORD DATE	EXPIRY DATE
Stope Baby 1-6	6	373348-53	November 10, 1999	November 10, 2000
Stope Baby 7-19	13	373786-98	November 30, 1999	November 30, 2000
Stope Baby 20-32	13	373799-811	December 1, 1999	December 1, 2000

The above Stope Baby (32 two-post) mineral claims are located in the Quesnell Mining Division, Province of British Columbia. The said mineral claims are in good standing and have been validly located pursuant to the provisions of the British Columbia Mineral Tenure Act.

Received: 01.Mar.01 09:08 PM From: 7804263512 To: 5083555678 Powered by eFax.com Page: 1 of 2

03/01/2001 20:05 7804263512 PAGE 01/02

MINERAL PROPERTY OPTION AMENDING AGREEMENT

THIS AGREEMENT is dated for reference the 21st day of January, 2001.

BETWEEN:

HERB WAHL, of RR 10, 1416 Ocean Beach Espl, Gibsons, B.C., V0N 1V3, and,
JACK BROWN-JOHN, of Box 4248, Williams Lake, B.C., V2G 2V3,

(hereinafter referred to as the "Optionors")

OF THE FIRST PART

- and -

766072 ALBERTA LTD., a company duly incorporated under the laws of the Province of British Columbia and having an office at Suite 907, Empire Building, 10080 Jasper Avenue, Edmonton, Alberta, T5J 1V9,

(hereinafter referred to as the "Optionee")

OF THE SECOND PART

WHEREAS the parties have entered into a Mineral Property Option Agreement dated January 21, 2000 (herein called the "Option Agreement");

AND WHEREAS the parties wish to amend the Option Agreement as herein provided;

NOW THEREFORE THIS AGREEMENT WITNESSETH that in consideration of the premises and the mutual covenants and agreements herein contained and of the sum of $1.00 now paid by each party to the others, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

1. Section 3.2 of the Option Agreement is amended by deleting that section and replacing it with the following:

"3.2 The Optionors hereby grant to the Optionee, the sole and exclusive right and option to acquire an undivided one hundred percent (100%) interest in and to the Property, free and clear of all liens, charges, encumbrances, claims, rights or interest of any person such option to be exercisable by the Optionee by making expenditures of $1,050,000 and making the option payments in the amounts and not later than the dates set out hereunder:

Option Payment made no later than	Option Payment
January 28, 2000	$20,000
February 15, 2001	$40,000
January 15, 2002	$80,000"

2. Section 6.1 of the Option Agreement is amended by deleting that section and replacing it with the following:

"6.1 Forthwith upon the Optionee exercising the option by performing the requirements of section 3.2(a) and (b) and making cumulative expenditures of $550,000, an undivided fifty-five percent (55%) interest in and to the property shall vest, and shall be deemed for all purposes thereof to have vested, in the Optionee."

3. Section 6.3 of the Option Agreement is amended by deleting that section and replacing it with the following:

"6.3 Forthwith upon the Optionee exercising the option by performing the requirements of section 3.2(c) and making cumulative expenditures of $1,050,000, and additional undivided forty-five percent (45%) interest in and to the property shall vest, and shall be deemed for all purposes hereof to have vested, in the Optionee."

4. Section 8.2 of the Option Agreement is amended by deleting that section and replacing it with the following:

"8.2 In the event that production is not achieved on the Property prior to December 31, 2004, the Optionee agrees to pay the Optionor an advance royalty of $20,000 by January 15 of each following year until production is attainable. The total amount of these advance royalty payments shall be deductible against the initial Production Royalty."

5. The parties confirm and acknowledge that the Option Agreement is in good standing as at the date hereof.

IN WITNESS WHEREOF the parties have executed this Agreement as of the day, month and year as first above written.

766072 ALBERTA INC.

Per: _____

22 Feb 2001

HERB WAHL

JACK BROWN-JOHN

MEMORANDUM OF AGREEMENT is dated for reference this 12 day of March, 2002.

BETWEEN:

HERB WAHL, of R.R. 10, 1416 Ocean Beach ESP.L, Gibsons, B.C., V0N 1V3, and JACK BROWN-JOHN, of Box 4248 Williams Lake, B.C., V2G 2V3.

(hereinafter referred to as the "Optionors")

OF THE FIRST PART

- and -

7060072 ALBERTA INC., a corporation duly incorporated under the laws of the Province of Alberta and having an office at Suite 907, Empire Building, 10080 Jasper Avenue, Edmonton, Alberta, T5J 1V9.

(hereinafter referred to as the "Optionee")

OF THE SECOND PART

MINERAL PROPERTY OPTION AMENDING AGREEMENT

WHEREAS the parties have entered into a Mineral Property Option Agreement dated January 21, 2000, as amended by an Amending Agreement dated January 21, 2001 (which agreement, as amended, is herein called the "Option Agreement");

AND WHEREAS the parties wish to further amend the Option Agreement as herein provided;

NOW THEREFORE THIS AGREEMENT WITNESSETH that in consideration of the premises and the mutual covenants and agreements herein contained, and of the sum of $1.00 now paid by each party to the other, the receipt and sufficiency of which is hereby acknowledged, the parties hereto as follows:

1. Section 3.2 of the Option Agreement, as amended, is further amended by the deletion of that section and the substitution therefor of the following:

"3.2 The Optionors hereby grant to the Optionee the sole and exclusive right and option to acquire an undivided twenty-five (25%) percent interest and to the Property, free and clear of all liens, charges, encumbrances, claims, rights or interests of any person, such option to be exercisable by the Optionee by paying to the Optionors (in equal portions) the sum of $15,000 (payment of which is hereby acknowledged) and by the issuance to the Optionors (in equal proportions) of Common Shares of Erin Ventures Inc. having a value of $10,000, based upon the closing price of the Common Shares of Erin Ventures Inc. as of March 11, 2002.

3.3 The Optionors hereby grant to the Optionee the sole and exclusive option to acquire an additional seventy-five (75%) undivided interest in and to the Property, free and clear of all liens, charges, encumbrances, claims, rights or interest of any persons, such option to be exercisable by the Optionee by making the Expenditures in the amounts and by the dates set out as follows:

Date		Expenditures Required	Additional Interest Earned
(a)	March 1, 2003	$40,000	5%
(b)	March 1, 2004	$100,000	10%

(c)	March 1, 2005	$200,000	20%
(d)	March 1, 2006	$410,000	40%
	Total	$750,000	75%

The Optionee shall have the right to expend funds in advance of the above schedule."

2. Sections 6.1, 6.2 and 6.3 of the Option Agreement, as amended, are amended by the deletion of those sections and the substitution therefor of the following:

"6.1 Forthwith upon the Optionee exercising the option provided for in Section 3.2, an undivided twenty-five (25%) percent interest in and to the Property shall vest, and shall be deemed for all purposes hereof to a vested, in the Optionee.

6.2 Further additional undivided interests in and to the Property shall vest, and shall be deemed for all purposes hereof to a vested, upon performance of the requirements set out in Section 3.3 of this Agreement and, in particular:

(a) upon performing the requirements of Section 3.3(a) an additional undivided five (5%) percent interest (for a cumulative total of 30%) in and to the Property shall vest in the Optionee;

(b) upon the performance of the requirements of Section 3.2(b) an additional ten (10%) percent undivided interest (for a cumulative total of 40%) in and to the Property shall vest in the Optionee;

(c) upon the performance of the requirements of Section 3.2(b) an additional twenty (20%) percent undivided interest (for a cumulative total of 60%) in and to the Property shall vest in the Optionee;

(d) upon the performance of the requirements of Section 3.2(b) an additional forty (40%) percent undivided interest (for a cumulative total of 100%) in and to the Property shall vest in the Optionee.

6.3 Upon the vesting of any undivided interests, including additional undivided interests, in the Property, at the request of the Optionee the Optionors shall deliver to the Optionee recordable transfers, or such other instruments that may be required to permit the recording of the Optionee's interest in the Property."

3. Subsection (b) of Section 7.3 of the Option Agreement, as amended, is amended by the deletion of that subsection and the substitution therefor of the following:

"(b) keep the Property in good standing with the mining recorder's office for a minimum period of one (1) year, and file all exploration work assessed to the date of termination of this Agreement;"

4. Article 8 of the Option Agreement, as amended, is amended by the insertion of the following immediately following Section 8.1:

"8.2 In the event that production is not achieved on the Property by December 31, 2003, the Optionee agrees to pay the Optionors an advance royalty of $20,000, commencing December 31, 2003, and to be paid annually until such time as the Optionee has achieved production on the property. The advance royalty will be paid in the following manner:

(a) $15,000 in cash;

(b) $5,000 by the issuance of Common Shares of Erin Ventures Inc. based upon the closing price of Common Shares of Erin Ventures Inc., as at December 31 of each year that an advance royalty is payable. The total amount of this advance

royalty payment shall be deducted against the initial Production Royalty.

5. The parties confirm and acknowledge that the Option Agreement, as amended, is in good standing as at the date hereof.

IN WITNESS WHEREOF the parties hereto have executed this agreement as of the day and year first above written.

544072 Alberta Ltd.

Per:

WITNESS

HERB WAHL

WITNESS

JACK BROWNJOHN

MEMORANDUM OF AGREEMENT is dated for reference this 28th day of February, 2003.

BETWEEN:

HERB WAHL, of R.R. 10, 1410 Ocean Beach, ESPL, Gibsons, B.C., V0N 1V3, and JACK BROWN-JOHN, of Box 4248 Williams Lake, B.C., V2G 2V3,

(hereinafter referred to as the "Optionors")

OF THE FIRST PART

- and -

766072 ALBERTA INC., a corporation duly incorporated under the laws of the Province of Alberta and having an office at Suite 907, Empire Building, 10060 Jasper Avenue, Edmonton, Alberta, T5J 1V8,

(hereinafter referred to as the "Optionee")

OF THE SECOND PART

MINERAL PROPERTY OPTION AMENDING AGREEMENT

WHEREAS the parties have entered into a Mineral Property Option Agreement dated January 21, 2000, as amended by an Amending Agreement dated January 21, 2001, as amended by an Amending Agreement dated March 12, 2002 (which agreement, as amended, is herein called the "Option Agreement");

AND WHEREAS the parties wish to further amend the Option Agreement as herein provided;

NOW THEREFORE THIS AGREEMENT WITNESSETH that in consideration of the premises and the mutual covenants and agreements herein contained, and of the sum of $1.00 now paid by each party to the other, the receipt and sufficiency of which is hereby acknowledged, the parties hereto as follows:

1. Section 3.3(a) of the Option Agreement, as amended, is further amended by the deletion of references to a deadline of March 1, 2003 for the completion of $40,000 of expenditures and the substitution therefor of the following:

"Date	Expenditures Required	Additional Interest Earned
June 1, 2003	$40,000	5%"

2. The parties confirm and acknowledge that the Option Agreement, as amended, is in good standing as at the date hereof.

IN WITNESS WHEREOF the parties hereto have executed this agreement as of the day and year first above written.

766072 Alberta Ltd.

Per: _____

WITNESS — HERB WAHL

WITNESS — JACK BROWN-JOHN

FAXED To Jack @ 250-392-2940 03MAR03 HW

Tim Daniels
911-835 View St.
Victoria, B.C.
V8W 3W8

December 20, 2002

To Whom It May Concern:

Re: EV Mineral Claims

Dear Sir or Madam:

This letter confirms that I, Tim D Daniels, (FMC #141812) am holding the following mineral claims in trust for 766072 Alberta Inc.:

Claim name	Tenure #
EV- 1	374347
EV- 2	374386
EV- 3	376981
EV- 4	376982

Yours truly,

Tim D Daniels

BRITISH COLUMBIA

Ministry of Employment and Investment
Energy and Minerals Division
Mineral Titles Branch

EVENT NUMBER: _____ OFFICE USE ONLY

ACCOUNTING STAMP

Mineral Tenure Act
SECTION 57 & 58

BILL OF SALE ABSOLUTE

INDICATE TYPE OF TITLE: MINERAL (Mineral or Placer)

MINING DIVISION: Cariboo

SELLER

I, Gurdeep Singh Gill (Full name)

721 Pigeon Ave (Mailing Address)

Williams Lake (City) B.C. (Province)

(Postal Code) (Telephone)

Client Number: 102271

PURCHASER

Timothy D. Daniels

911 - 835 View St.

Victoria, B.C.

(City) V8W 1W8 250-386-6181 (Telephone)

(Postal Code) 141X12

Client Number: _____

For and in consideration of the sum of Ten dollars ($ 10.00) paid to me, do hereby sell the interest as specified below in the following mineral titles:

CLAIM NAME OR LEASE TYPE	TENURE NUMBER	PERCENTAGE OF TITLE BEING SOLD
EV-1	374347	100
EV-2	374386	100
EV-3	374981	100
EV-4	376992	100

12-18-02
(Date)

I declare that I have good title to these tenures and every right to sell the same, in witness whereof I have today used my legal name.

Gurdeep S. Gill
(Signature)

APPENDIX 2

Annual Returns for Alberta and Extra-Provincial Corp. - Proof of Filing

Amendment Date: 2001/11/15

Service Request Number:	3435806
Corporate Access Number:	207660721
Legal Entity Name:	766072 ALBERTA INC.
Legal Entity Type:	Alberta Business Corporation
Legal Entity Status:	Active
Registration Date:	1997/12/05

This confirms the Annual Return for 2000 has been filed as of 2001/11/15.

Director / Shareholder

Status:	Active
Relationship to Legal Entity:	Director
Individual / Legal Entity Type:	Individual
Appointment Date:	2000/02/28
Last Name / Legal Entity Name:	DANIELS
First Name:	TIM
Street / Box Number:	907-10080 JASPER AVE NW
City:	EDMONTON
Province:	ALBERTA
Postal Code:	T5J 1V9
Resident Canadian:	Y

Status:	Inactive
Relationship to Legal Entity:	Shareholder
Individual / Legal Entity Type:	Individual
Last Name / Legal Entity Name:	CHOPRA
First Name:	MANI
Street / Box Number:	907-10080 JASPER AVE NW
City:	EDMONTON
Province:	ALBERTA
Postal Code:	T5J 1V9
Percent Of Voting Shares:	100

Status:	Active
Relationship to Legal Entity:	Shareholder
Individual / Legal Entity Type:	Legal Entity
Corporate Access Number:	205723174
Last Name / Legal Entity Name:	ERIN VENTURES INC.
Street / Box Number:	907-10080 JASPER AVE NW
City:	EDMONTON
Province:	ALBERTA
Postal Code:	T5J 1V9
Percent Of Voting Shares:	100

REGISTERED ADDRESS

Street:	907-10080 JASPER AVE NW
City:	EDMONTON
Province:	ALBERTA
Postal Code:	T5J 1V9

RECORDS ADDRESS

Street:	907-10080 JASPER AVE NW
City:	EDMONTON
Province:	ALBERTA
Postal Code:	T5J 1V9

Registration Authorized By: MANI CHOPRA
SOLICITOR

Alberta REGISTRIES

INSTRUCTIONS FOR COMPLETION ON THE BACK OF THIS FORM

Annual Return

Numbered Alberta Corporation

Corporate Access No. 207660721 For Year Ending 2002

Date of Incorporation, Continuance, Amalgamation or Registration 1997/12/05 (YEAR MONTH DAY)

1. Name of Corporation
766072 ALBERTA INC.

2. Address
907-10080 JASPER AVE NW
EDMONTON, ALBERTA
T5J 1V9

3. Has there been any change of directors? ☐ Yes ☐ No

4. If Yes, have Corporate Registry Records been updated? ☐ Yes ☐ No If No, attach the update to this form.

5. SHAREHOLDER INFORMATION

Name and Address	% of voting shares issued	If a Director, check this box
ERIN VENTURES INC. 907-10080 JASPER AVE NW EDMONTON,ALBERTA T5J 1V9 Corporate Access Number 205723174	100	
Corporate Access Number		
Corporate Access Number		
Corporate Access Number		
Corporate Access Number		
Corporate Access Number		

6. CHANGES IN SHAREHOLDERS

Name and Address	% of voting shares issued	If a Director, check this box
Corporate Access Number		
Corporate Access Number		
Corporate Access Number		
Corporate Access Number		
Corporate Access Number		
Corporate Access Number		

7. IMPORTANT NOTICE TO CORPORATION

NOTICE OF INTENT TO DISSOLVE/STRIKE OFF

RE: BUSINESS CORPORATIONS ACT, SECTION 213

The 2002 annual return for the above corporation is now due and the 2001 annual return is one year past due. Please file the 2001 annual return by the end of May 2003. In accordance with legislation, failure to do so will result in the dissolution of this corporation.

APPENDIX 3

PROPERTY OPTION AGREEMENT

THIS AGREEMENT is dated for reference the 12 day of December, 2002.

BETWEEN:

OTISH MOUNTAIN EXPLORATION INC., of 206, 2145 York Avenue, Vancouver, B.C., V6K 1C4

(hereinafter referred to as "Otish")

OF THE FIRST PART

- and -

766072 ALBERTA INC., of Suite 907, Empire Building, 10080 Jasper Avenue, Edmonton, Alberta, T5J 1V9,

(hereinafter referred to as "766072")

OF THE SECOND PART

WHEREAS 766072 has, pursuant to a Mineral Property Option Agreement dated January 21, 2000, as amended by an Amending Agreement dated January 21, 2001 and as further amended by a further Amending Agreement dated March 12, 2002, (such Mineral Property Option Agreement and amendments thereto being herein collectively referred to as the "Underlying Option Agreement"), acquired an undivided 25% interest in and to those mineral claims described in Schedule "A" hereto (such claims being herein referred to the "Property"), and has acquired the right and option to acquire a further 75% undivided interest in and to the Property, subject to the terms and conditions set out in the Underlying Option Agreement;

AND WHEREAS 766072 has agreed to grant to Otish the option to acquire a 50% interest in and to the Property, as hereinafter provided;

NOW THEREFORE THIS AGREEMENT WITNESSETH that in consideration of the premises and the mutual covenants and agreements herein contained, the parties hereto agree as follows:

1. 766072 hereby represents and warrants to Otish that the Underlying Option Agreement, a copy of which is attached hereto as a schedule, is presently in good standing and 766072 is in compliance with all existing obligations under the Underlying Option Agreement.

2. 766072 hereby grants to Otish the right and option (herein called the "Option") to acquire an undivided 50% interest in and to the Property, free and clear of all liens, charges, encumbrances, claims, rights or interests of any purchase except for the payment of the

"Production Royalty" provided for in the Underlying Option Agreement, upon the terms and conditions set out in this Agreement.

3. In consideration of the grant of the Option, Otish hereby agrees to issue 100,000 common shares of Otish upon receipt of TSX Venture Exchange approval of the transaction constituted by this Agreement and commits to expend at least $50,000 on the Property by March 1, 2003.

4. The Option is exercisable by Otish by issuing to 766072 common shares of Otish (which are in addition to the shares to be issued pursuant section 3 of this Agreement) and making expenditures on the Property, such expenditures to be compliance with the requirements of the Underlying Option Agreement, in the amounts and by the dates set out as follows:

Date	Expenditure Required	Interest Earned	Stock Consideration
March 1, 2003	$ 40,000	0%	100,000 shares
March 1, 2004	100,000	10%	100,000 shares
March 1, 2005	200,000	15%	Nil
March 1, 2006	410,000	25%	Nil
Totals	$750,000	50%	200,000 shares

Otish shall have the right to expend funds and issue shares in advance of the above schedule. Upon expending the amounts set out above Otish shall earn the applicable undivided percentage interest in the Property set out above under the "Interest Earned" heading in the above table.

5. Otish acknowledges that its interest in the Property shall be subject to the Production Royalty as provided for in the Underlying Option Agreement.

6. The shares that may be issued pursuant to section 4 of this Agreement shall be issuable subject to the receipt by Otish of a Geologist's Report recommending a further phase of exploration on the Property following the initial expenditure of $50,000.

7. If this Agreement is terminated, Otish agrees that it will leave the Property in good standing with the Mining Recorder's for a minimum period of 1 year, and file all exploration accrued to the date of termination of this Agreement.

8. Otish acknowledges that 766072's interest in the Property and, in consequence, Otish's interest in the Property under this Agreement is subject to the terms and conditions in the Underlying Option Agreement and Otish agrees that it shall comply with the terms and conditions with the Underlying Option Agreement.

9. In the event that production on the Property is not achieved by December 31, 2003 and 766072 is required to pay an advance royalty as provided for in Section 8.2 of the Underlying Option Agreement (as amended), then Otish shall compensate 766072 for payment of such advance royalties in each year that it is required to be paid, in the following manner:

a. by paying to 766072 the amount of $7,500 in cash on December 31, 2003, and each year thereafter that the advance royalty is payable; and

b. paying to 766072 a further sum of $2,500 upon December 31, 2003 and each year thereafter that the advance royalty is payable which, at the option of Otish, may be paid either in cash or by the issuance of common shares of Otish at the closing price of the common shares as at December 31 of such year.

10. Unless and until otherwise agreed by the parties, Otish shall be the operator of the Property.

11. This Agreement represents the entire agreement of the parties with respect to the subject matters hereof and supersedes and replaces all contemporaneous or prior negotiations, understandings and agreements respecting the subject matters hereof.

12. This Agreement shall be governed and construed in accordance with the laws of the Province of Alberta.

IN WITNESS WHEREOF the parties have executed this Agreement as of the day, month and year as first above written.

OTISH MOUNTAIN EXPLORATION INC.

Per: _____

766072 ALBERTA INC.

Per: _____

PROPERTY OPTION AMENDING AGREEMENT

THIS AGREEMENT is dated for reference the 28 day of February, 2003.

BETWEEN:

OTISH MOUNTAIN EXPLORATION INC., of 206, 2145 York Avenue, Vancouver, B.C., V6K 1C4

(hereinafter referred to as "Otish")

OF THE FIRST PART

- and -

766072 ALBERTA INC., of Suite 907, Empire Building, 10080 Jasper Avenue, Edmonton, Alberta, T5J 1V9,

(hereinafter referred to as "766072")

OF THE SECOND PART

WHEREAS 766072 has, pursuant to a Mineral Property Option Agreement dated January 21, 2000, as amended by an Amending Agreement dated January 21, 2001 and as further amended by a further Amending Agreements dated March 12, 2002 and February 28, 2003, (such Mineral Property Option Agreement and amendments thereto being herein collectively referred to as the "Underlying Option Agreement"), acquired an undivided 25% interest in and to those mineral claims described in Schedule "A" of the Underlying Option Agreement (such claims being herein referred to the "Property"), and has acquired the right and option to acquire a further 75% undivided interest in and to the Property, subject to the terms and conditions set out in the Underlying Option Agreement;

AND WHEREAS 766072 has pursuant to a Mineral Property Option Agreement dated December 12, 2002 granted to Otish the option to acquire a 50% interest in and to the Property;

AND WHERRAS the Underlying Option Agreement was amended on February 28, 2003 to extend the deadline for completion of the first year's work from March 1, 2003 to June 1, 2003;

NOW THEREFORE THIS AGREEMENT WITNESSETH that in consideration of the premises and the mutual covenants and agreements herein contained, the parties hereto agree as follows:

1. 766072 hereby represents and warrants to Otish that the Underlying Option Agreement, a copy of which is attached hereto as a schedule, is presently in good standing and 766072 is in compliance with all existing obligations under the Underlying Option Agreement.

2. 766072 hereby amends the date of March 1, 2003 in each of paragraphs 3 and 4 of the Mineral Property Option Agreement dated December 12, 2002 to be June 1, 2003.

3. The parties confirm and acknowledge that the Mineral Property Option Agreement dated December 12, 2002, as amended, is in good standing as at the date hereof.

4. This Agreement shall be governed and construed in accordance with the laws of the Province of Alberta.

IN WITNESS WHEREOF the parties have executed this Agreement as of the day, month and year as first above written.

OTISH MOUNTAIN EXPLORATION INC.

Per: _____

766072 ALBERTA INC.

Per: _____

APPENDIX 4

Enzyme Leach Job #: A03-1541 **Report #: A03-1541** **Customer: Arctex Engineering Services** **Client: G. Hill**

Trace element values are in parts per billion. Negative values equal NOT DETECTED at that lower limit. Elements arranged by suite and by atomic mass.
Values = 999999 are greater than the working range of the instrument. S.Q. = That element is determined SEMIQUANTITATIVELY.

Enhanced Package:	*Oxidation Suite:*															*Base Metals:*					*Base Metal - (*	
Sample ID:	S.Q. Cl	Br	I	V	As	Se	Mo	Sb	Te	W	Re	Au	S.Q. Hg	Th	U	Co	Ni	Cu	Zn	Pb	Ga	Ge
15+00N 7+00E	17100	45	16	112	5.9	1	2.4	0.40	-0.5	0.2	-0.005	-0.005	-0.1	1.94	0.55	15.4	-0.8	11.7	-5	-0.1	-0.3	0.05
15+00N 7+50E	4630	53	14	69.8	3.5	1	3.9	0.45	-0.5	0.2	-0.005	-0.005	-0.1	1.03	0.42	8.5	-0.8	7.5	-5	-0.1	-0.3	-0.05
15+00N 8+00E	4860	54	8	88.8	5.5	2	11.1	0.24	-0.5	0.4	0.010	-0.005	-0.1	0.83	0.37	41.5	-0.8	6.2	-5	-0.1	-0.3	-0.05
15+00N 8+50E	1840	45	13	99.1	9.1	-1	5.7	0.37	-0.5	0.2	-0.005	-0.005	-0.1	1.37	0.55	19.7	-0.8	9.1	-5	-0.1	-0.3	0.08
15+00N 9+00E	5680	48	10	139	8.1	1	14.2	0.54	-0.5	0.4	-0.005	-0.005	-0.1	2.40	0.79	36.4	-0.8	15.3	-5	0.3	-0.3	0.07
15+00N 9+50E	6920	39	16	123	6.8	2	28.5	0.46	-0.5	0.2	0.018	-0.005	-0.1	0.91	0.86	21.0	-0.8	16.5	-5	-0.1	-0.3	0.08
15+00N 10+00E	23600	43	14	158	10.1	2	17.6	0.49	-0.5	0.4	0.023	-0.005	-0.1	1.51	0.49	18.9	-0.8	15.6	-5	-0.1	-0.3	0.16
15+00N 10+50E	5550	111	28	197	13.7	4	4.9	1.77	-0.5	0.4	0.013	-0.005	-0.1	2.89	1.47	37.3	41.6	67.4	-5	-0.1	-0.3	0.17
15+00N 11+00E	30700	91	26	108	6.9	5	7.5	0.59	-0.5	0.4	0.018	-0.005	-0.1	2.22	1.96	10.2	12.8	29.5	-5	-0.1	-0.3	0.18
15+00N 11+50E	49100	82	21	141	6.6	2	9.6	0.94	-0.5	0.3	0.020	-0.005	-0.1	2.04	1.09	69.2	19.2	28.2	307	2.1	0.6	0.28
15+00N 12+00E	9180	46	9	129	13.5	1	8.7	1.31	-0.5	0.5	0.025	-0.005	-0.1	0.92	0.85	49.1	25.6	42.1	-5	0.2	-0.3	0.09
15+00N 12+50E	4870	35	8	53.1	9.7	2	3.0	1.21	-0.5	0.2	0.020	-0.005	-0.1	1.01	0.97	43.8	41.4	52.8	-5	-0.1	-0.3	0.15
15+00N 13+00E	3130	28	12	70.7	8.9	2	15.7	0.95	-0.5	0.3	0.017	-0.005	-0.1	1.01	0.96	52.7	77.8	62.5	-5	-0.1	-0.3	0.09
15+00N 13+50E	6540	46	12	100	10.0	1	31.3	0.74	-0.5	0.1	-0.005	-0.005	-0.1	2.17	1.36	15.9	4.8	25.8	-5	-0.1	-0.3	0.05
15+00N 14+00E	21500	49	16	83.5	5.9	3	2.5	0.82	-0.5	-0.1	0.012	-0.005	-0.1	2.23	1.55	13.1	24.7	29.2	-5	-0.1	-0.3	0.11
15+00N 14+50E	15000	33	11	56.1	2.8	1	1.9	0.83	-0.5	-0.1	0.011	-0.005	-0.1	1.42	0.93	37.0	11.6	8.0	-5	-0.1	-0.3	-0.05
15+00N 15+00E	5990	51	25	80.6	3.7	7	9.4	0.50	-0.5	0.2	0.006	-0.005	-0.1	3.45	1.07	26.8	13.2	22.1	-5	-0.1	-0.3	-0.05
15+00N 15+50E	9700	68	24	125	5.9	4	8.1	0.57	-0.5	0.3	0.011	-0.005	-0.1	3.59	0.99	42.5	17.0	24.3	-5	-0.1	-0.3	0.12
15+00N 16+00E	7070	53	16	84.1	6.5	1	3.3	0.54	-0.5	0.2	0.019	-0.005	-0.1	1.59	1.04	6.8	-0.8	13.2	-5	-0.1	-0.3	-0.05
15+00N 16+50E	26300	84	31	137	12.1	7	13.4	0.91	-0.5	0.3	0.040	-0.005	-0.1	1.08	0.93	17.9	7.7	33.6	-5	-0.1	-0.3	0.14
15+00N 17+00E	7680	64	47	170	10.8	4	9.1	2.01	-0.5	0.3	0.076	-0.005	-0.1	0.73	2.67	33.8	7.8	44.8	-5	-0.1	-0.3	0.12
15+00N 17+50E	8330	78	43	183	15.1	4	5.7	1.57	-0.5	0.3	0.051	-0.005	-0.1	1.40	2.33	49.3	6.9	34.0	-5	-0.1	-0.3	0.12
15+00N 18+00E	7390	53	22	215	10.2	2	6.5	1.58	-0.5	0.2	0.035	-0.005	-0.1	1.71	2.23	72.9	13.8	32.5	-5	-0.1	-0.3	0.08
15+00N 18+50E	1780	41	16	141	7.2	1	2.9	0.80	-0.5	0.1	0.007	-0.005	-0.1	1.64	1.77	12.6	0.9	21.9	-5	-0.1	-0.3	0.07
15+00N 19+00E	5610	48	20	154	18.3	2	4.0	0.92	-0.5	0.1	0.015	-0.005	-0.1	1.60	0.96	73.1	6.1	30.8	-5	-0.1	-0.3	0.08
15+00N 19+50E	5110	70	21	128	9.5	2	4.6	0.49	-0.5	0.2	0.006	-0.005	-0.1	3.47	0.83	28.2	-0.8	22.0	-5	-0.1	-0.3	0.06
15+00N 20+00E	12100	56	18	60.2	3.6	1	4.7	0.58	-0.5	0.1	-0.005	-0.005	-0.1	1.93	0.90	20.3	1.7	13.7	-5	-0.1	-0.3	-0.05
15+00N 20+50E	25000	45	16	78.1	3.9	1	4.1	0.62	-0.5	0.2	0.008	-0.005	-0.1	1.57	0.62	91.0	6.7	9.7	16	-0.1	0.5	0.05
15+00N 21+00E	32700	35	11	46.2	4.4	1	4.5	0.64	-0.5	0.1	0.016	-0.005	-0.1	0.98	0.47	33.1	7.3	8.6	15	-0.1	-0.3	-0.05
15+00N 21+50E	5270	43	17	158	41.1	-1	3.2	0.65	-0.5	0.2	-0.005	-0.005	-0.1	1.62	0.67	55.1	-0.8	16.6	-5	-0.1	-0.3	-0.05
15+00N 22+00E	4010	50	17	57.2	10.4	2	3.3	0.41	-0.5	-0.1	0.010	-0.005	-0.1	1.59	0.71	36.6	-0.8	10.4	-5	-0.1	-0.3	-0.05
15+00N 22+50E	9180	53	14	68.5	4.0	-1	7.9	0.49	-0.5	0.2	0.006	-0.005	-0.1	1.47	0.83	21.0	-0.8	11.8	-5	-0.1	-0.3	0.15
15+00N 23+00E	31800	124	54	139	6.8	5	20.7	0.82	-0.5	0.2	0.053	-0.005	-0.1	1.60	8.01	25.4	78.5	45.8	-5	-0.1	-0.3	0.15
15+00N 23+50E	22300	127	73	293	25.4	5	11.7	1.00	-0.5	0.4	0.029	-0.005	-0.1	1.78	2.02	31.0	14.1	39.3	-5	-0.1	-0.3	0.07
15+00N 24+00E	43000	174	81	185	9.1	7	30.4	1.49	-0.5	0.4	0.135	-0.005	-0.1	1.02	1.49	16.1	18.7	48.9	-5	-0.1	-0.3	0.31
15+00N 24+50E	32200	77	33	66.2	2.6	2	6.2	0.56	-0.5	-0.1	0.012	-0.005	-0.1	1.60	0.88	39.0	19.5	20.3	-5	-0.1	0.8	0.11
12+50N 7+00E	33700	161	92	321	42.5	6	27.4	3.42	-0.5	0.5	0.105	-0.005	-0.1	0.70	0.57	27.5	25.1	66.3	-5	-0.1	-0.3	0.10
12+50N 7+50E	29200	84	24	166	8.0	4	17.5	0.48	-0.5	0.2	0.021	-0.005	-0.1	1.10	0.98	46.5	5.7	27.5	-5	-0.1	-0.3	0.08
12+50N 8+00E	33600	112	26	287	12.0	5	10.7	0.76	-0.5	0.2	0.027	-0.005	-0.1	1.01	0.56	38.3	25.2	57.1	-5	-0.1	-0.3	0.19
12+50N 8+50E	46400	94	34	212	6.8	2	45.7	0.41	-0.5	0.2	0.005	-0.005	-0.1	2.92	1.52	38.1	4.7	32.3	-5	0.4	-0.3	0.08
12+50N 9+00E	78100	250	57	601	36.1	8	32.7	4.46	-0.5	0.5	0.236	-0.005	-0.1	0.71	1.06	7.8	31.5	83.7	-5	-0.1	-0.3	0.36
12+50N 9+50E	27700	42	15	130	9.8	3	5.7	0.83	-0.5	0.2	0.010	-0.005	-0.1	1.05	0.99	35.8	11.9	27.8	-5	-0.1	-0.3	0.14
12+50N 10+00E	13400	19	6	148	10.6	-1	4.9	1.11	-0.5	0.5	0.008	-0.005	-0.1	1.03	0.65	49.1	38.6	32.2	-5	-0.1	-0.3	0.11
12+50N 10+50E	21200	48	10	112	14.3	4	11.3	1.68	-0.5	0.6	0.023	0.010	0.1	1.05	0.66	54.2	47.0	55.1	-5	-0.1	-0.3	0.16
12+50N 11+00E	22600	57	14	143	16.9	5	19.6	1.87	-0.5	0.8	0.023	-0.005	0.1	2.55	1.11	65.7	49.6	94.0	-5	-0.1	0.3	0.31
12+50N 11+50E	37100	49	21	38.7	4.7	2	5.8	0.93	-0.5	0.3	-0.005	-0.005	-0.1	3.27	1.10	58.5	75.6	36.1	14	-0.1	1.0	0.25
12+50N 12+00E	22100	63	16	122	5.9	2	5.8	0.48	-0.5	0.2	0.006	-0.005	-0.1	1.74	0.65	14.8	-0.8	9.8	-5	-0.1	0.9	-0.05
12+50N 12+50E	28900	75	15	107	6.0	3	4.3	0.55	-0.5	0.2	0.006	-0.005	-0.1	1.53	0.64	17.0	7.7	9.5	-5	-0.1	0.4	0.10
12+50N 13+00E	36200	97	41	152	9.2	5	12.3	0.94	-0.5	0.5	0.014	-0.005	-0.1	2.45	1.23	17.4	27.0	37.9	-5	-0.1	0.9	0.07
12+50N 13+50E	4620	27	14	68.2	2.6	2	2.4	0.34	-0.5	0.3	0.005	-0.005	-0.1	0.91	0.28	14.0	-0.8	8.4	-5	-0.1	-0.3	-0.05
12+50N 14+00E	23800	38	17	90.7	2.5	2	6.3	0.33	-0.5	0.3	0.006	-0.005	-0.1	1.42	0.43	78.5	16.1	11.5	140	-0.1	1.4	0.11
12+50N 14+50E	14400	35	14	42.4	3.5	2	6.9	0.44	-0.5	0.4	-0.005	-0.005	-0.1	1.16	0.50	35.3	6.9	11.7	-5	-0.1	0.5	0.06
12+50N 15+00E	19100	70	23	73.2	3.7	3	3.5	0.68	-0.5	0.2	0.009	-0.005	-0.1	2.13	0.51	44.5	-0.8	19.8	-5	-0.1	0.4	-0.05
12+50N 15+50E	21800	54	12	51.3	2.4	1	5.7	0.28	-0.5	0.3	-0.005	-0.005	-0.1	1.00	0.29	34.1	5.3	4.4	-5	0.7	0.5	-0.05
12+50N 16+00E	5510	49	20	82.7	4.5	1	5.2	0.67	-0.5	0.3	-0.005	-0.005	-0.1	1.29	0.88	24.7	-0.8	19.8	-5	-0.1	-0.3	0.08
12+50N 16+50E	23700	53	15	49.8	3.6	2	7.6	0.41	-0.5	0.4	-0.005	-0.005	-0.1	1.23	0.35	41.3	6.6	6.4	72	-0.1	1.0	-0.05
12+50N 17+00E	3780	30	16	66.5	3.3	-1	2.4	0.43	-0.5	0.2	0.010	-0.005	-0.1	1.17	0.57	8.2	-0.8	10.7	-5	-0.1	-0.3	-0.05
12+50N 17+50E	38900	71	16	60.9	3.3	1	6.6	0.43	-0.5	0.4	-0.005	-0.005	-0.1	0.56	0.28	47.8	11.1	6.1	89	-0.1	1.8	-0.05
12+50N 18+00E	12000	42	12	55.0	3.5	-1	6.5	0.44	-0.5	0.5	-0.005	-0.005	-0.1	1.84	0.69	37.9	1.8	12.8	-5	-0.1	0.4	-0.05
12+50N 18+50E	28900	100	27	70.8	3.5	2	2.7	0.52	-0.5	0.3	-0.005	-0.005	-0.1	2.92	0.75	29.7	20.7	28.9	-5	-0.1	0.8	-0.05
12+50N 19+00E	5920	48	13	75.1	3.5	-1	1.8	0.33	-0.5	0.6	-0.005	-0.005	-0.1	1.58	0.42	17.9	-0.8	9.4	-5	-0.1	-0.3	-0.05
12+50N 19+50E	27600	93	23	81.6	2.9	2	1.9	0.56	-0.5	0.5	-0.005	-0.005	-0.1	1.04	0.46	27.7	-0.8	5.8	-5	-0.1	-0.3	-0.05
12+50N 20+00E	17800	68	21	87.4	5.9	1	3.5	0.51	-0.5	0.3	0.005	-0.005	-0.1	2.13	0.64	53.3	-0.8	13.3	-5	-0.1	0.6	0.06

Enzyme Leach Job #: A03-1541 **Report #: A03-1541** **Customer: Arctex Engineering Services** **Client: G. Hill**

Trace element values are in parts per billion. Negative values equal NOT DETECTED at that lower limit. Elements arranged by suite and by atomic mass.
Values = 999999 are greater than the working range of the instrument. S.Q. = That element is determined SEMIQUANTITATIVELY.

Enhanced Package:	*Oxidation Suite:*															*Base Metals:*					*Base Metal - I*	
Sample ID:	S.Q. Cl	Br	I	V	As	Se	Mo	Sb	Te	W	Re	Au	S.Q. Hg	Th	U	Co	Ni	Cu	Zn	Pb	Ga	Ge
12+50N 20+50E	22600	83	41	142	7.0	4	9.7	0.69	-0.5	0.3	0.011	-0.005	-0.1	1.59	1.05	39.4	1.9	28.7	-5	-0.1	0.6	-0.05
12+50N 21+00E	22300	61	19	117	5.7	3	4.7	0.47	-0.5	0.3	0.021	-0.005	-0.1	3.12	0.80	28.1	-0.8	24.7	-5	-0.1	-0.3	-0.05
12+50N 21+50E	40000	60	4	4100	79.3	38	549	17.4	-0.5	1.0	0.387	-0.005	-0.1	0.47	1.29	21.0	28.3	28.6	-5	-0.1	-0.3	0.55
12+50N 22+00E	36300	232	111	553	132	4	21.9	3.65	-0.5	1.9	0.087	-0.005	-0.1	1.12	0.21	17.4	25.5	67.1	-5	-0.1	-0.3	0.18
12+50N 22+50E	22100	80	25	123	4.7	2	13.2	0.36	-0.5	0.2	-0.005	-0.005	-0.1	1.15	0.68	25.8	-0.8	12.3	-5	-0.1	-0.3	-0.05
12+50N 23+00E	29500	92	43	839	90.6	5	50.9	2.75	-0.5	1.1	0.018	-0.005	-0.1	2.29	0.35	33.4	33.8	27.2	-5	-0.1	-0.3	0.11
12+50N 23+50E	30800	127	73	235	11.3	8	7.6	1.72	-0.5	0.6	0.046	-0.005	-0.1	1.77	2.33	30.0	13.2	42.2	-5	-0.1	0.3	0.09
12+50N 24+00E	17500	73	45	131	6.4	6	5.2	0.81	-0.5	0.3	0.007	-0.005	-0.1	1.83	1.57	16.1	15.2	21.3	-5	-0.1	-0.3	0.11
12+50N 24+50E	22500	96	40	349	15.8	6	8.4	2.17	-0.5	0.5	0.038	-0.005	-0.1	0.90	1.94	18.3	13.6	51.4	-5	-0.1	-0.3	0.16
10+00N 5+50E	20900	87	25	114	9.7	3	6.1	0.47	-0.5	0.3	0.012	-0.005	-0.1	2.10	0.56	38.5	-0.8	19.9	-5	-0.1	0.9	0.12
10+00N 6+00E	18700	83	27	119	9.8	3	15.2	0.42	-0.5	0.4	-0.005	-0.005	-0.1	1.34	0.37	53.1	-0.8	13.1	-5	-0.1	0.7	-0.05
10+00N 6+50E	24700	62	18	102	7.1	3	6.5	0.73	-0.5	0.4	-0.005	-0.005	-0.1	1.07	0.48	25.8	-0.8	18.1	-5	-0.1	0.6	-0.05
10+00N 7+00E	32500	95	36	105	4.1	4	26.3	0.43	-0.5	0.3	-0.005	-0.005	-0.1	0.86	0.33	20.3	6.8	535	-5	-0.1	0.3	-0.05
10+00N 7+50E	41800	285	162	177	48.0	7	96.0	2.52	-0.5	0.7	0.187	-0.005	-0.1	0.40	0.27	30.1	54.7	111	-5	-0.1	-0.3	0.33
10+00N 8+00E	22900	66	26	84.5	10.9	6	4.5	4.54	-0.5	0.4	0.027	-0.005	-0.1	2.59	1.09	32.4	62.9	57.3	-5	-0.1	-0.3	0.25
10+00N 8+50E	26300	59	15	330	18.2	2	22.5	1.81	-0.5	0.5	0.028	-0.005	-0.1	0.88	0.57	102	42.5	59.6	-5	-0.1	-0.3	0.10
10+00N 9+00E	19300	69	7	187	14.5	2	4.8	2.11	-0.5	0.5	0.021	-0.005	-0.1	0.67	0.31	84.1	33.9	39.8	-5	-0.1	-0.3	0.16
10+00N 9+50E	34900	73	11	352	24.6	6	4.7	4.92	-0.5	0.4	0.018	-0.005	-0.1	1.38	0.41	73.0	38.8	118	-5	-0.1	-0.3	0.26
10+00N 10+00E	5400	32	9	67.4	7.3	2	8.5	1.26	-0.5	0.3	0.014	-0.005	-0.1	4.15	1.33	61.7	4.3	32.6	-5	-0.1	-0.3	0.08
10+00N 10+50E	48000	190	33	1940	63.4	89	345	15.9	-0.5	1.4	0.446	-0.005	-0.1	1.47	1.20	22.0	26.6	136	-5	-0.1	0.3	0.17
10+00N 11+00E	21400	146	73	316	25.6	4	7.3	1.01	-0.5	0.5	0.009	-0.005	-0.1	3.54	1.95	45.9	20.4	57.6	-5	-0.1	0.4	0.23
10+00N 11+50E	26900	76	28	88.4	4.4	3	4.1	0.36	-0.5	0.2	-0.005	-0.005	-0.1	1.16	0.54	18.7	-0.8	13.2	-5	-0.1	0.4	-0.05
10+00N 12+00E	29200	99	47	138	9.9	6	8.4	0.81	-0.5	0.3	0.022	0.016	0.2	1.74	1.09	24.4	4.8	30.2	-5	-0.1	-0.3	0.12
10+00N 12+50E	18100	138	60	251	15.8	3	5.2	0.56	-0.5	0.5	0.009	0.018	0.2	2.13	0.91	46.5	-0.8	32.1	-5	-0.1	0.5	0.23
10+00N 13+00E	26400	60	21	41.8	3.3	3	8.1	0.42	-0.5	0.3	-0.005	0.012	0.1	1.66	0.39	41.1	7.7	9.7	-5	-0.1	0.8	0.09
10+00N 13+50E	24500	45	18	118	7.8	2	5.7	0.44	-0.5	0.3	-0.005	0.011	0.1	3.44	0.88	84.0	-0.8	10.1	-5	-0.1	-0.3	0.22
10+00N 14+00E	26400	58	18	73.6	4.5	2	5.1	0.30	-0.5	0.2	-0.005	0.010	0.1	2.24	0.62	27.4	2.1	10.2	-5	0.3	-0.3	0.10
10+00N 14+50E	27700	117	67	202	13.5	7	16.2	1.18	-0.5	0.4	0.023	0.011	-0.1	2.14	2.70	21.6	4.0	63.7	-5	-0.1	0.3	0.18
10+00N 15+00E	20600	81	29	110	8.5	4	7.2	0.69	-0.5	0.2	0.012	0.010	-0.1	4.31	1.81	27.4	5.9	26.7	-5	-0.1	-0.3	0.16
10+00N 15+50E	23600	64	17	53.6	6.8	2	8.1	0.54	-0.5	0.3	-0.005	0.031	-0.1	1.29	0.55	29.8	128	21.4	214	1.7	0.8	0.08
10+00N 16+00E	18700	36	16	37.1	2.7	2	5.3	0.43	-0.5	0.2	-0.005	0.009	-0.1	1.23	0.42	31.9	8.3	9.8	-5	0.1	0.5	0.12
10+00N 16+50E	21100	73	25	100	5.6	4	4.8	0.43	-0.5	0.3	0.009	0.007	-0.1	1.85	0.56	18.8	-0.8	14.4	-5	-0.1	0.6	0.08
10+00N 17+00E	20900	65	17	76.8	5.2	2	3.5	0.38	-0.5	0.2	-0.005	-0.005	-0.1	1.47	0.27	34.6	16.6	6.9	-5	-0.1	0.6	0.06
10+00N 17+50E	24000	67	19	91.9	4.6	3	6.9	0.40	-0.5	0.3	-0.005	0.006	-0.1	1.37	0.57	38.8	7.4	22.0	26	-0.1	-0.3	0.10
10+00N 18+00E	20300	40	16	62.2	3.8	2	6.6	0.27	-0.5	0.3	-0.005	0.006	-0.1	1.60	0.42	19.2	-0.8	15.8	-5	-0.1	0.8	0.09
10+00N 18+50E	18200	54	20	80.8	5.1	2	3.5	0.43	-0.5	0.3	-0.005	-0.005	-0.1	1.49	0.72	16.1	2.1	19.1	-5	-0.1	-0.3	0.09
10+00N 19+00E	24600	73	23	88.2	5.9	4	7.0	0.44	-0.5	0.5	-0.005	0.013	-0.1	1.31	0.41	29.4	0.9	17.1	-5	-0.1	0.8	0.20
10+00N 19+50E	25800	113	28	86.8	6.6	4	4.4	0.72	-0.5	0.2	0.010	0.006	-0.1	2.47	0.61	28.8	11.1	31.0	-5	0.1	0.3	0.15
10+00N 20+00E	17800	81	36	159	7.0	2	3.9	0.54	-0.5	0.3	-0.005	-0.005	-0.1	1.39	1.44	31.1	6.3	22.3	-5	-0.1	-0.3	0.25
10+00N 20+50E	14800	42	25	98.6	5.7	2	2.6	0.91	-0.5	0.2	0.005	-0.005	-0.1	1.25	0.75	13.6	9.2	19.4	-5	-0.1	-0.3	0.10
10+00N 21+00E	24400	69	23	104	6.3	2	2.8	0.47	-0.5	0.2	-0.005	-0.005	-0.1	2.01	0.57	15.9	7.5	14.5	44	-0.1	-0.3	0.12
10+00N 21+50E	17900	75	23	130	10.8	2	2.7	0.76	-0.5	0.2	-0.005	-0.005	-0.1	2.13	0.64	4.1	-0.8	26.4	-5	-0.1	-0.3	0.10
10+00N 22+00E	19500	60	16	83.0	5.1	2	2.0	0.47	-0.5	0.2	-0.005	-0.005	-0.1	1.56	0.61	12.1	-0.8	13.3	-5	-0.1	-0.3	0.10
10+00N 22+50E	17100	48	22	95.5	6.9	2	3.2	0.45	-0.5	0.2	-0.005	-0.005	-0.1	0.97	0.57	31.6	2.1	11.5	-5	-0.1	0.3	0.15
10+00N 23+00E	27800	44	22	83.9	4.3	2	5.9	0.52	-0.5	0.3	0.006	-0.005	-0.1	0.71	0.33	24.1	1.4	10.0	-5	-0.1	-0.3	0.06
10+00N 23+50E	18900	66	35	120	6.1	4	8.1	0.49	-0.5	0.2	0.006	-0.005	-0.1	1.93	1.40	19.5	-0.8	12.8	-5	-0.1	-0.3	0.17
10+00N 24+00E	18300	133	72	132	6.9	6	10.3	1.00	-0.5	0.4	0.017	-0.005	-0.1	1.45	3.55	57.1	28.6	29.1	-5	-0.1	-0.3	0.16
10+00N 24+50E	17800	52	21	58.8	3.3	4	7.4	0.37	-0.5	0.2	0.006	-0.005	-0.1	2.39	0.83	21.9	4.6	15.6	-5	-0.1	0.6	0.09
7+50N 5+50E	16500	173	68	565	38.0	4	21.5	6.03	-0.5	0.6	0.005	0.006	-0.1	0.73	0.40	46.0	27.3	73.2	-5	-0.1	0.6	0.22
7+50N 6+00E	31900	163	59	214	15.7	24	80.2	1.36	-0.5	0.9	0.020	-0.005	-0.1	2.09	0.67	19.2	48.0	70.8	-5	0.5	0.5	0.35
7+50N 6+50E	11100	41	9	149	22.3	2	19.9	1.85	-0.5	0.8	0.008	-0.005	-0.1	0.96	0.40	109	68.4	68.3	42	0.2	-0.3	0.20
7+50N 7+00E	16300	68	13	227	34.6	6	40.2	2.95	-0.5	1.1	0.015	-0.005	-0.1	2.37	0.77	85.7	69.7	134	13	0.6	-0.3	0.33
7+50N 7+50E	17900	77	19	101	12.1	5	6.2	2.43	-0.5	0.5	0.019	-0.005	-0.1	1.55	1.27	55.6	33.6	57.2	-5	1.0	-0.3	0.38
7+50N 8+00E	35700	128	66	270	16.2	13	13.7	3.31	-0.5	0.5	0.081	-0.005	-0.1	3.34	3.57	17.8	27.9	100	-5	-0.1	0.4	0.50
7+50N 8+50E	21000	50	18	146	14.5	5	2.3	1.44	-0.5	0.6	0.015	-0.005	-0.1	5.88	1.00	40.6	9.6	53.5	-5	0.3	0.8	0.16
7+50N 9+00E	21500	79	21	217	28.6	5	3.7	1.99	-0.5	0.5	0.014	-0.005	-0.1	4.91	0.92	41.5	31.2	66.9	-5	2.1	-0.3	0.31
7+50N 9+50E	24300	64	8	72.2	7.4	5	23.1	0.52	-0.5	0.5	0.010	-0.005	-0.1	1.80	0.72	78.7	15.6	20.8	-5	0.7	0.4	0.21
7+50N 10+00E	20600	61	21	63.4	6.7	3	13.9	0.50	-0.5	0.3	-0.005	-0.005	-0.1	1.33	0.55	108	18.1	17.0	-5	0.2	1.2	0.10
7+50N 10+50E	16600	68	32	225	18.6	5	1.6	1.28	-0.5	0.5	0.006	-0.005	-0.1	5.27	1.93	55.3	26.4	75.1	-5	0.2	0.8	0.34
7+50N 11+00E	20300	41	22	57.7	4.1	2	3.6	0.48	-0.5	0.2	-0.005	-0.005	-0.1	1.13	0.42	31.3	19.7	10.6	-5	-0.1	0.5	0.07
7+50N 11+50E	14700	45	10	32.5	8.2	1	2.1	0.28	-0.5	0.3	-0.005	-0.005	-0.1	1.59	0.32	42.2	11.9	5.9	-5	0.2	0.3	0.07
7+50N 12+00E	19900	55	13	46.3	3.1	-1	1.2	0.25	-0.5	0.1	-0.005	-0.005	-0.1	0.86	0.31	23.5	2.5	3.2	-5	-0.1	0.7	0.09
7+50N 12+50E	24200	62	23	98.3	6.3	2	1.5	0.33	-0.5	0.2	-0.005	-0.005	-0.1	1.30	0.39	29.6	-0.8	9.0	-5	-0.1	-0.3	0.09

Enzyme Leach Job #: A03-1541 **Report #: A03-1541** **Customer: Arctax Engineering Services** **Client: G. Hill**

Trace element values are in parts per billion. Negative values equal NOT DETECTED at that lower limit. Elements arranged by suite and by atomic mass.
Values = 999999 are greater than the working range of the instrument. S.Q. = That element is determined SEMIQUANTITATIVELY.

Enhanced Package:	*Oxidation Suite:*															*Base Metals:*					*Base Metal - L*	
Sample ID:	S.Q. Cl	Br	I	V	As	Se	Mo	Sb	Te	W	Re	Au	S.Q. Hg	Th	U	Co	Ni	Cu	Zn	Pb	Ga	Ge
7+50N 13+00E	18500	85	42	130	5.9	3	1.8	0.55	-0.5	0.2	-0.005	-0.005	-0.1	1.72	0.37	10.3	-0.8	15.0	-5	-0.1	-0.3	0.17
7+50N 13+50E	19500	49	18	84.6	4.0	1	2.2	0.56	-0.5	0.2	-0.005	-0.005	-0.1	1.34	0.40	34.4	6.8	12.3	5	0.2	-0.3	0.10
7+50N 14+00E	19500	53	17	57.2	4.0	1	10.5	0.60	-0.5	0.4	0.006	-0.005	-0.1	1.54	0.33	63.4	14.2	9.1	-5	-0.1	1.5	0.12
7+50N 14+50E	36000	69	30	105	5.6	3	2.6	0.48	-0.5	0.3	-0.005	-0.005	-0.1	2.19	0.67	28.9	7.2	15.9	-5	0.4	0.4	0.08
7+50N 15+00E	32100	193	196	576	58.4	11	14.1	3.58	-0.5	1.1	0.145	-0.005	-0.1	4.52	0.53	42.6	65.6	102	-5	-0.1	0.4	0.33
7+50N 15+50E	29000	78	21	489	17.7	8	4.1	1.47	-0.5	0.6	-0.005	-0.005	-0.1	34.3	6.92	17.7	63.5	92.5	-5	2.5	2.1	0.48
7+50N 16+00E	27800	257	156	391	28.5	11	15.1	1.72	-0.5	0.9	0.074	0.021	0.1	8.15	3.47	36.1	18.8	55.1	-5	0.1	0.8	0.28
7+50N 16+50E	23100	93	54	98.8	5.4	6	16.7	0.71	-0.5	0.4	0.008	0.016	-0.1	4.46	5.42	56.9	44.1	40.2	-5	-0.1	0.8	0.23
7+50N 17+00E	25400	82	43	179	12.8	5	15.8	1.86	-0.5	0.9	-0.005	0.013	-0.1	3.85	1.42	82.5	52.4	38.5	31	0.5	1.4	0.17
7+50N 17+50E	33400	101	34	86.8	4.7	7	8.0	0.58	-0.5	0.3	0.017	0.016	-0.1	2.91	1.06	29.6	11.3	25.1	-5	-0.1	0.5	0.17
7+50N 18+00E	34000	105	57	166	7.8	6	5.2	1.01	-0.5	0.3	0.029	0.013	-0.1	2.14	1.42	21.1	9.4	25.1	-5	-0.1	-0.3	0.25
7+50N 18+50E	27300	72	21	199	15.6	3	7.1	0.39	-0.5	0.5	-0.005	0.011	0.1	3.02	0.74	99.2	3.6	19.3	-5	1.0	0.5	0.19
7+50N 19+00E	26900	40	22	219	13.6	2	3.3	1.05	-0.5	0.2	0.019	0.008	-0.1	1.17	0.89	51.9	16.9	28.0	-5	-0.1	0.4	0.18
7+50N 19+50E	15800	84	50	138	9.1	6	14.1	0.61	-0.5	0.3	0.030	0.009	-0.1	2.16	2.08	56.0	19.4	29.3	-5	-0.1	-0.3	0.17
7+50N 20+00E	29700	88	40	180	17.4	11	12.6	1.05	-0.5	0.4	0.033	0.022	-0.1	3.23	4.25	20.0	2.2	38.0	-5	0.2	-0.3	0.35
7+50N 20+50E	19600	117	91	168	12.6	5	6.1	1.45	-0.5	0.5	0.050	0.017	-0.1	1.72	2.64	6.5	4.7	59.3	-5	-0.1	0.8	0.23
7+50N 21+00E	23900	71	35	91.7	6.4	5	5.9	0.70	-0.5	0.3	0.026	0.011	-0.1	2.06	1.22	18.9	-0.8	19.9	-5	-0.1	-0.3	0.18
7+50N 21+50E	18200	67	46	121	8.3	4	4.7	0.75	-0.5	0.2	0.021	0.005	-0.1	1.91	1.69	19.0	3.3	25.5	-5	-0.1	-0.3	0.15
7+50N 22+00E	16000	56	48	116	5.9	3	6.7	0.84	-0.5	0.4	0.008	-0.005	-0.1	1.20	1.64	23.3	7.9	30.8	-5	-0.1	-0.3	0.19
7+50N 22+50E	20800	82	33	85.2	6.2	5	9.3	0.50	-0.5	0.3	0.007	-0.005	-0.1	1.91	1.04	18.9	-0.8	24.5	-5	-0.1	0.4	0.07
7+50N 23+00E	12300	70	35	121	7.2	3	3.2	0.62	-0.5	0.4	0.010	-0.005	-0.1	1.44	1.68	7.2	-0.8	24.5	-5	-0.1	0.4	0.14
7+50N 23+50E	24500	58	27	108	5.1	3	12.0	0.56	-0.5	0.2	-0.005	0.006	-0.1	0.85	0.65	17.4	-0.8	19.5	-5	0.6	-0.3	0.15
7+50N 24+00E	30900	64	37	102	7.1	6	13.7	0.83	-0.5	0.5	0.014	-0.005	-0.1	1.26	0.66	19.3	20.6	31.7	-5	0.2	-0.3	0.18
7+50N 24+50E	28500	94	57	154	6.8	5	15.9	1.61	-0.5	0.7	0.025	-0.005	-0.1	1.43	2.16	55.5	23.5	42.7	-5	-0.1	-0.3	0.25
5+00N 4+00E	17300	52	17	110	9.0	4	3.5	1.15	-0.5	0.3	0.014	0.008	-0.1	2.18	1.83	17.7	13.4	49.3	-5	0.3	0.6	0.20
5+00N 4+50E	17900	23	9	56.1	6.8	1	2.4	0.77	-0.5	0.3	0.012	0.005	-0.1	1.53	0.63	20.5	2.0	11.7	-5	-0.1	-0.3	0.14
5+00N 5+00E	13400	25	8	122	20.1	3	22.0	2.35	-0.5	0.5	0.007	-0.005	-0.1	1.10	0.50	91.3	62.2	72.6	-5	0.4	-0.3	0.16
5+00N 5+50E	11800	26	7	124	13.9	2	12.3	1.48	-0.5	0.6	0.015	-0.005	-0.1	0.86	0.54	57.1	32.8	49.7	-5	-0.1	-0.3	0.19
5+00N 6+00E	21800	109	41	145	14.7	7	16.5	1.03	-0.5	0.5	0.049	-0.005	-0.1	2.19	2.19	14.3	13.8	65.0	-5	-0.1	-0.3	0.20
5+00N 6+50E	19300	41	7	292	58.8	25	34.5	4.90	-0.5	1.1	0.019	0.007	-0.1	1.71	0.73	15.9	54.0	259	-5	0.7	0.8	0.35
5+00N 7+00E	16100	36	16	91.5	8.6	3	5.3	0.69	-0.5	0.3	0.013	-0.005	-0.1	2.80	1.08	30.2	12.7	39.6	-5	-0.1	-0.3	0.13
5+00N 7+50E	24600	79	31	213	28.7	4	14.6	2.08	-0.5	1.2	0.008	-0.005	-0.1	1.77	0.39	12.2	10.6	61.2	-5	-0.1	-0.3	0.07
5+00N 8+00E	20200	37	17	80.9	7.0	4	47.9	0.89	-0.5	1.1	-0.005	-0.005	-0.1	1.08	0.19	85.4	39.4	11.3	129	0.4	2.2	0.22
5+00N 8+50E	22100	56	24	92.8	6.5	2	7.3	0.52	-0.5	0.2	-0.005	-0.005	-0.1	1.74	0.75	47.9	8.1	16.0	-5	-0.1	-0.3	0.16
5+00N 9+00E	23800	78	27	71.0	4.2	2	6.7	0.54	-0.5	0.3	-0.005	-0.005	-0.1	1.87	0.71	33.6	16.9	20.5	10	-0.1	0.6	0.16
5+00N 9+50E	20400	64	22	62.1	4.2	2	6.9	0.63	-0.5	0.4	0.025	-0.005	-0.1	2.02	0.79	58.0	14.1	24.4	-5	-0.1	0.5	0.16
5+00N 10+00E	25300	47	31	106	9.1	3	7.3	1.01	-0.5	0.4	0.021	-0.005	-0.1	2.40	0.76	32.8	9.2	29.6	-5	-0.1	-0.3	0.12
5+00N 10+50E	15300	70	43	110	9.0	3	6.4	1.22	-0.5	0.5	0.009	-0.005	-0.1	2.63	1.12	47.7	21.8	34.8	-5	-0.1	0.8	0.09
5+00N 11+00E	13100	44	18	57.2	4.6	-1	3.1	0.61	-0.5	0.3	-0.005	-0.005	-0.1	1.61	0.73	40.1	10.0	20.0	-5	-0.1	-0.3	0.10
5+00N 11+50E	17100	68	27	72.8	7.1	2	4.7	0.46	-0.5	0.3	0.009	-0.005	-0.1	1.89	0.63	21.1	7.4	17.7	-5	-0.1	0.3	0.15
5+00N 12+00E	16400	43	21	79.2	5.7	2	4.8	0.63	-0.5	0.3	0.008	-0.005	-0.1	1.47	0.67	43.7	-0.8	11.0	-5	-0.1	0.3	0.08
5+00N 12+50E	25700	43	37	110	7.4	6	8.6	0.75	-0.5	0.3	0.021	-0.005	-0.1	0.97	1.18	15.9	1.3	25.7	-5	-0.1	-0.3	0.11
5+00N 13+00E	15900	70	39	132	8.3	2	2.3	0.54	-0.5	0.3	-0.005	-0.005	-0.1	1.56	0.50	16.8	4.0	665	-5	0.2	-0.3	0.08
5+00N 13+50E	25600	280	114	90.3	17.7	17	46.7	3.74	-0.5	0.5	0.159	-0.005	-0.1	2.08	1.79	39.2	109	101	-5	-0.1	0.3	0.50
5+00N 14+00E	20400	52	24	157	10.1	5	6.4	0.60	-0.5	0.3	0.015	-0.005	-0.1	5.07	0.69	31.9	7.1	29.8	-5	0.3	0.4	0.09
5+00N 14+50E	18000	37	21	44.3	2.4	2	2.2	0.54	-0.5	0.1	-0.005	-0.005	-0.1	1.11	0.27	44.3	-0.8	7.0	-5	1.8	0.3	0.10
5+00N 15+00E	19500	40	14	34.0	3.8	3	6.2	0.60	-0.5	0.3	-0.005	0.027	0.2	1.30	0.35	38.8	11.8	12.9	-5	-0.1	0.8	-0.05
5+00N 15+50E	13100	48	24	109	7.7	2	6.0	0.57	-0.5	0.3	-0.005	0.021	0.1	2.31	0.54	18.1	3.2	19.5	-5	-0.1	-0.3	0.09
5+00N 16+00E	27000	81	40	99.4	6.6	4	10.6	0.74	-0.5	0.7	-0.005	0.029	0.1	1.83	0.88	39.3	11.4	36.5	-5	-0.1	-0.3	-0.05
5+00N 16+50E	25500	41	17	78.7	4.8	3	8.2	0.47	-0.5	0.3	-0.005	0.018	0.1	0.88	0.39	17.5	-0.8	14.5	-5	-0.1	-0.3	-0.05
5+00N 17+00E	22500	108	67	154	22.0	8	15.1	1.45	-0.5	0.4	0.058	0.018	-0.1	1.41	1.79	27.9	11.3	58.7	-5	-0.1	-0.3	0.24
5+00N 17+50E	14700	73	40	119	19.8	5	7.9	0.84	-0.5	0.3	0.021	0.012	-0.1	4.24	3.02	28.5	17.8	43.2	-5	-0.1	0.3	0.14
5+00N 18+00E	29600	124	83	162	13.7	9	10.9	1.22	-0.5	0.4	0.097	0.015	-0.1	1.39	1.44	7.1	14.8	64.1	-5	-0.1	-0.3	0.25
5+00N 18+50E	11800	138	57	133	13.4	7	5.8	1.44	-0.5	0.4	0.037	0.011	-0.1	6.28	7.08	10.1	27.5	74.2	-5	-0.1	-0.3	0.17
5+00N 19+00E	21400	101	45	207	15.3	9	9.8	1.56	-0.5	0.5	0.080	0.009	-0.1	3.68	3.93	6.1	28.6	75.5	-5	-0.1	-0.3	0.21
5+00N 19+50E	9960	48	22	67.4	4.7	3	6.0	0.45	-0.5	0.3	-0.005	0.007	-0.1	1.99	0.96	25.9	8.8	18.1	-5	0.2	-0.3	-0.05
5+00N 20+00E	19800	53	27	131	7.2	2	3.0	0.63	-0.5	0.3	-0.005	0.008	-0.1	1.83	0.75	35.9	7.5	15.1	-5	-0.1	1.0	0.13
5+00N 20+50E	22300	104	48	142	8.1	6	17.7	0.81	-0.5	0.5	0.019	0.011	-0.1	1.56	1.39	58.1	1.4	24.9	-5	-0.1	0.5	0.07
5+00N 21+00E	20200	105	58	211	15.4	8	12.5	1.06	-0.5	0.4	0.077	0.017	-0.1	1.17	2.44	9.4	7.2	52.0	-5	-0.1	-0.3	0.20
5+00N 21+50E	19100	73	33	171	9.2	6	11.6	0.97	-0.5	0.7	0.075	0.017	-0.1	1.02	2.41	7.4	4.7	43.5	-5	-0.1	-0.3	0.18
5+00N 22+00E	19600	85	58	87.3	6.9	6	6.0	0.87	-0.5	0.4	0.025	0.008	-0.1	1.64	4.70	11.8	7.8	40.2	-5	-0.1	-0.3	0.16
5+00N 22+50E	26000	79	23	113	13.8	5	9.6	0.78	-0.5	0.2	0.005	-0.005	-0.1	2.54	1.27	15.1	-0.8	21.1	-5	-0.1	-0.3	-0.05
5+00N 23+00E	15300	125	62	214	11.7	6	6.5	1.33	-0.5	0.5	0.103	0.005	-0.1	1.78	3.22	5.0	13.7	44.3	-5	-0.1	-0.3	0.09

Enzyme Leach Job #: A03-1541 **Report #: A03-1541** **Customer: Arctex Engineering Services** **Client: G. Hill**

Trace element values are in parts per billion. Negative values equal NOT DETECTED at that lower limit. Elements arranged by suite and by atomic mass.
Values = 999999 are greater than the working range of the instrument. S.Q. = That element is determined SEMIQUANTITATIVELY.

Enhanced Package:	*Oxidation Suite:*															*Base Metals:*					*Base Metal - I*	
Sample ID:	S.Q. Cl	Br	I	V	As	Se	Mo	Sb	Te	W	Re	Au	S.Q. Hg	Th	U	Co	Ni	Cu	Zn	Pb	Ga	Ge
5+00N 23+50E	15000	78	44	148	8.2	7	5.0	1.03	-0.5	0.4	0.017	0.008	-0.1	1.17	1.96	26.6	5.6	35.0	-5	-0.1	-0.3	0.12
5+00N 24+00E	20600	130	54	179	11.0	5	6.8	1.47	-0.5	0.5	0.027	0.006	-0.1	2.04	2.78	31.2	6.3	39.8	-5	-0.1	-0.3	0.07
5+00N 24+50E	15400	76	28	88.0	3.9	7	19.0	0.41	-0.5	0.2	0.017	-0.005	-0.1	1.30	0.97	21.6	-0.8	21.2	-5	-0.1	-0.3	0.06
2+50N 2+50E	27800	88	37	177	11.8	5	13.3	1.00	-0.5	0.6	-0.005	0.007	-0.1	4.08	2.17	78.3	47.9	61.8	19	0.3	-0.3	0.20
2+50N 3+00E	13700	69	38	270	16.0	4	3.8	0.41	-0.5	0.5	-0.005	0.006	-0.1	2.06	1.57	27.8	2.1	42.2	-5	-0.1	-0.3	0.18
2+50N 3+50E	21300	63	27	143	15.4	3	10.2	0.79	-0.5	0.4	0.019	-0.005	-0.1	1.32	0.69	31.2	-0.8	24.2	-5	-0.1	-0.3	0.09
2+50N 4+00E	17100	47	17	55.8	5.5	2	4.6	0.44	-0.5	0.1	-0.005	-0.005	-0.1	3.28	1.11	13.8	-0.8	18.6	-5	0.1	-0.3	0.06
2+50N 4+50E	19300	84	34	97.7	7.0	3	5.3	0.79	-0.5	0.2	0.013	-0.005	-0.1	4.93	1.23	60.8	14.6	19.9	-5	-0.1	-0.3	0.13
2+50N 5+00E	17900	109	59	313	15.7	8	28.6	2.34	-0.5	0.9	0.034	0.007	-0.1	1.76	2.65	35.4	27.8	112	-5	-0.1	-0.3	0.24
2+50N 5+50E	15500	65	27	128	8.6	5	6.3	0.62	-0.5	0.4	0.007	-0.005	-0.1	3.41	0.94	34.4	7.9	27.0	-5	-0.1	-0.3	0.14
2+50N 6+00E	22400	89	32	387	17.0	11	66.0	1.29	-0.5	0.7	0.066	-0.005	-0.1	0.87	0.70	17.6	5.7	43.2	-5	-0.1	-0.3	0.17
2+50N 6+50E	23800	87	40	164	10.2	10	26.5	0.98	-0.5	0.5	0.020	-0.005	-0.1	1.04	1.16	28.6	14.8	32.5	-5	-0.1	0.7	0.15
2+50N 7+00E	29600	149	76	365	12.9	7	45.2	1.30	-0.5	1.3	0.031	0.009	-0.1	4.70	1.91	76.1	31.2	53.9	-5	0.3	1.3	0.30
2+50N 7+50E	11500	56	34	128	7.5	4	7.5	0.70	-0.5	0.5	-0.005	-0.005	-0.1	2.01	1.18	26.1	3.6	33.4	-5	-0.1	-0.3	0.16
2+50N 8+00E	16000	85	45	235	11.4	5	7.5	1.44	-0.5	0.4	0.010	-0.005	-0.1	2.58	2.40	53.5	20.8	53.3	-5	-0.1	0.4	0.18
2+50N 8+50E	15700	145	77	238	9.9	7	9.4	1.02	-0.5	0.5	0.012	-0.005	-0.1	2.18	2.56	88.7	23.8	52.6	-5	-0.1	-0.3	0.21
2+50N 9+00E	11200	99	47	246	10.3	5	4.9	0.89	-0.5	0.4	0.006	-0.005	-0.1	3.26	1.65	75.6	11.2	43.9	-5	-0.1	-0.3	0.20
2+50N 9+50E	12000	63	28	151	7.3	3	4.3	0.67	-0.5	0.4	-0.005	-0.005	-0.1	2.16	1.01	27.7	9.6	16.1	-5	-0.1	-0.3	-0.05
2+50N 10+00E	27300	95	39	119	8.0	4	8.3	1.16	-0.5	0.3	-0.005	-0.005	-0.1	1.65	1.58	32.7	13.3	34.0	-5	0.2	-0.3	0.20
2+50N 10+50E	11200	108	47	132	5.5	3	4.4	0.60	-0.5	0.4	-0.005	-0.005	-0.1	2.94	1.14	13.0	10.8	36.2	-5	-0.1	-0.3	-0.05
2+50N 11+00E	13700	81	29	103	4.0	3	4.6	0.47	-0.5	0.3	-0.005	-0.005	-0.1	1.53	0.68	21.8	14.9	14.2	-5	-0.1	0.6	-0.05
2+50N 11+50E	15300	103	38	69.5	5.9	4	8.9	0.34	-0.5	0.4	-0.005	-0.005	-0.1	2.56	0.67	46.5	32.4	13.6	52	-0.1	0.9	-0.05
2+50N 12+00E	21500	83	45	105	9.9	6	7.4	0.77	-0.5	0.5	-0.005	-0.005	-0.1	1.99	0.98	34.7	23.1	45.5	-5	-0.1	0.4	0.16
2+50N 12+50E	14500	87	30	101	9.2	2	4.3	0.45	-0.5	0.5	-0.005	-0.005	-0.1	1.96	0.56	54.2	2.4	11.3	-5	-0.1	-0.3	0.07
2+50N 13+00E	27100	142	63	94.4	6.5	3	5.4	0.49	-0.5	0.5	-0.005	-0.005	-0.1	4.20	1.24	61.1	31.6	33.5	66	0.8	1.8	0.11
2+50N 13+50E	42400	104	41	95.4	5.1	4	8.9	0.62	-0.5	0.5	-0.005	-0.005	-0.1	2.18	0.89	38.5	7.9	13.1	-5	-0.1	1.4	0.09
2+50N 14+00E	25900	51	21	135	6.6	2	23.0	0.51	-0.5	0.6	-0.005	-0.005	-0.1	1.74	0.69	66.0	15.7	17.3	-5	-0.1	0.7	0.22
2+50N 14+50E	17000	58	26	81.8	5.7	3	13.2	0.48	-0.5	0.4	-0.005	-0.005	-0.1	3.10	1.08	34.5	11.7	26.8	-5	0.2	0.5	0.09
2+50N 15+00E	30200	82	23	66.7	3.5	4	9.8	0.46	-0.5	0.3	-0.005	-0.005	-0.1	1.69	0.82	27.0	8.0	11.9	-5	-0.1	0.3	-0.05
2+50N 15+50E	38000	134	34	128	11.7	5	24.5	0.48	-0.5	0.7	-0.005	-0.005	-0.1	2.90	0.84	18.0	7.4	14.7	-5	0.2	0.5	0.20
2+50N 16+00E	14700	78	25	124	5.0	4	23.5	0.41	-0.5	0.6	-0.005	-0.005	-0.1	1.62	0.86	28.3	24.9	18.9	46	0.4	1.4	0.11
2+50N 16+50E	18500	80	38	92.5	4.4	4	29.6	0.64	-0.5	0.5	0.023	-0.005	-0.1	1.46	1.07	28.7	7.0	21.1	-5	-0.1	-0.3	0.14
2+50N 17+00E	29500	92	53	184	11.9	11	44.5	1.07	-0.5	0.5	0.023	0.025	-0.1	3.02	1.81	31.5	37.5	26.9	-5	0.3	1.3	0.23
2+50N 17+50E	14800	225	118	232	11.0	9	11.4	1.83	-0.5	0.5	0.097	0.021	-0.1	3.95	4.95	14.2	24.9	42.6	-5	-0.1	-0.3	0.32
2+50N 18+00E	17300	138	79	138	8.9	8	12.1	0.91	-0.5	0.6	0.026	0.020	-0.1	4.80	5.02	15.4	33.9	43.2	-5	-0.1	1.0	0.33
2+50N 18+50E	17800	185	104	130	11.6	7	18.3	0.97	-0.5	0.4	0.040	0.022	-0.1	4.67	12.40	15.4	32.2	48.2	-5	-0.1	0.3	0.25
2+50N 19+00E	14800	127	68	206	12.2	6	7.2	1.21	-0.5	0.4	0.059	0.015	-0.1	4.82	8.49	12.1	24.3	38.0	-5	-0.1	-0.3	0.21
2+50N 19+50E	18200	64	30	178	10.6	4	7.1	1.23	-0.5	0.5	0.013	0.015	-0.1	2.17	2.56	53.2	22.8	25.5	-5	-0.1	0.6	0.20
0+40S 18+50E	36100	112	51	465	16.3	8	18.9	1.99	-0.5	0.8	0.042	0.015	-0.1	1.90	2.79	65.7	54.6	44.7	-5	-0.1	-0.3	0.21
0+40S 19+00E	24600	32	11	1460	16.0	7	5.3	1.94	-0.5	0.7	0.029	0.014	-0.1	2.80	2.89	31.0	59.7	113	-5	-0.1	0.6	0.41
0+50S 3+50E	16300	47	19	72.1	2.9	3	6.2	0.41	-0.5	0.2	-0.005	0.013	-0.1	1.02	1.23	44.4	31.1	6.9	-5	-0.1	1.8	0.06
0+50S 4+00E	24500	74	24	104	3.7	5	17.9	0.40	-0.5	0.3	0.006	0.015	-0.1	1.32	0.82	54.0	9.3	15.2	23	-0.1	0.5	-0.05
0+50S 4+50E	36600	130	101	426	17.0	12	22.3	1.88	-0.5	0.6	0.095	0.015	-0.1	2.89	2.26	24.5	102	94.3	-5	-0.1	0.4	1.00
0+50S 5+00E	14900	111	43	412	14.0	6	6.2	1.72	-0.5	0.7	0.016	0.019	-0.1	2.27	1.00	65.2	58.2	75.2	-5	-0.1	0.5	0.41
0+50S 5+50E	18100	71	37	180	11.3	3	6.6	1.44	-0.5	0.4	0.006	0.012	-0.1	2.20	0.93	51.9	48.0	53.1	-5	-0.1	0.3	0.26
0+50S 6+00E	21600	77	25	44.1	2.2	2	3.4	0.50	-0.5	0.2	-0.005	0.014	-0.1	0.64	0.58	16.6	4.7	5.1	-5	-0.1	0.8	0.11
0+50S 6+50E	20700	42	16	59.5	2.8	3	7.2	0.58	-0.5	0.2	-0.005	0.007	-0.1	0.91	0.58	16.5	12.2	13.9	-5	-0.1	0.6	-0.05
0+50S 7+00E	16100	62	23	89.6	3.2	3	5.3	0.42	-0.5	0.2	0.019	0.013	-0.1	1.45	2.05	42.9	7.7	18.1	-5	-0.1	-0.3	0.18
0+50S 7+50E	16700	45	23	64.6	2.3	4	4.1	0.24	-0.5	0.1	-0.005	-0.005	-0.1	1.07	0.68	18.1	9.7	4.5	-5	-0.1	0.3	-0.05
0+50S 8+00E	18000	43	15	54.7	2.0	3	6.9	0.29	-0.5	0.2	-0.005	-0.005	-0.1	0.80	0.97	18.0	4.9	9.0	-5	-0.1	-0.3	-0.05
0+50S 8+50E	16300	47	20	57.4	3.6	3	3.4	0.46	-0.5	0.3	0.014	0.006	-0.1	2.23	0.92	45.9	14.5	27.6	-5	-0.1	0.3	0.14
0+50S 9+00E	15800	53	17	95.4	5.3	2	7.0	0.47	-0.5	0.3	0.007	-0.005	-0.1	1.21	0.64	15.0	12.2	12.4	-5	-0.1	0.5	-0.05
0+50S 9+50E	11800	42	17	64.9	3.0	2	5.1	0.39	-0.5	0.2	-0.005	-0.005	-0.1	0.83	0.52	17.1	11.4	16.6	-5	-0.1	-0.3	0.06
0+50S 10+00E	20100	95	26	211	11.5	4	13.6	1.30	-0.5	0.5	0.011	0.007	-0.1	4.87	1.69	72.9	63.4	102	-5	0.2	1.5	0.31
0+50S 10+50E	13600	45	20	72.4	5.5	2	5.6	0.37	-0.5	0.2	-0.005	-0.005	-0.1	1.61	0.66	43.7	14.2	14.6	57	0.3	0.4	0.08
0+50S 11+00E	17500	75	34	102	7.0	4	12.2	0.70	-0.5	0.3	0.006	0.007	-0.1	2.71	1.81	30.4	13.4	31.1	-5	-0.1	-0.3	0.23
0+50S 11+50E	17700	39	15	73.2	2.9	3	6.1	0.32	-0.5	0.2	-0.005	-0.005	-0.1	0.91	0.66	46.6	8.6	12.7	-5	-0.1	-0.3	0.08
0+50S 12+00E	12900	131	87	134	7.8	5	8.2	1.11	-0.5	0.5	0.070	0.008	-0.1	2.56	5.30	25.6	14.0	32.7	-5	-0.1	-0.3	0.10
0+50S 12+50E	10600	66	20	52.8	62.8	2	4.4	0.36	-0.5	0.1	0.006	-0.005	-0.1	1.41	1.15	33.7	12.8	11.0	-5	-0.1	-0.3	0.13
0+50S 13+00E	15600	51	29	145	8.5	5	7.6	0.81	-0.5	0.5	0.012	-0.005	-0.1	3.62	1.88	24.7	43.6	46.7	-5	0.1	0.6	0.19
0+50S 13+50E	18300	51	26	86.9	4.4	3	6.9	0.57	-0.5	0.3	-0.005	-0.005	-0.1	3.63	1.50	10.8	18.3	24.3	-5	0.2	0.7	0.10
0+50S 14+00E	15000	143	61	2490	100	8	19.8	8.63	-0.5	1.1	0.009	-0.005	-0.1	6.81	2.13	29.6	104	174	-5	0.2	0.3	0.29
0+50S 14+50E	33200	150	54	332	10.2	13	12.9	1.96	-0.5	0.5	0.215	-0.005	-0.1	2.17	4.82	5.2	48.3	87.5	-5	-0.1	0.5	0.68

Enzyme Leach Job #: A03-1541 **Report #: A03-1541** **Customer: Arctex Engineering Services** **Client: G. Hill**

Trace element values are in parts per billion. Negative values equal NOT DETECTED at that lower limit. Elements arranged by suite and by atomic mass.
Values = 999999 are greater than the working range of the instrument. S.Q. = That element is determined SEMIQUANTITATIVELY.

Enhanced Package:	*Oxidation Suite:*														*Base Metals:*					*Base Metal - I*	
Sample ID:	S.Q. Cl	Br	I	V	As	Se	Mo	Sb	Te	W	Re	Au	S.Q. Hg	Th	U	Co	Ni	Cu	Zn	Pb	Ga	Ge
0+50S 15+00E	19700	108	57	106	5.5	9	6.5	0.70	-0.5	0.3	0.028	-0.005	-0.1	2.87	3.90	33.4	21.1	44.2	-5	-0.1	0.4	0.12
0+50S 15+50E	14400	36	24	63.0	3.0	3	3.8	0.35	-0.5	0.2	0.016	-0.005	-0.1	1.77	0.73	32.0	11.1	4.9	-5	-0.1	-0.3	0.06
0+50S 16+00E	16300	66	27	35.7	2.6	3	5.8	0.39	-0.5	0.2	-0.005	-0.005	-0.1	1.27	0.74	32.4	11.5	5.4	-5	-0.1	-0.3	0.10
0+50S 16+50E	16000	62	27	38.6	1.7	4	4.8	0.33	-0.5	0.2	-0.005	-0.005	-0.1	0.93	0.51	40.8	20.7	21.1	-5	-0.1	0.8	-0.05
0+50S 17+00E	16700	53	24	52.2	2.3	3	4.1	0.36	-0.5	0.2	-0.005	-0.005	-0.1	1.93	0.62	22.3	13.1	9.5*	-5	-0.1	-0.3	-0.05
0+50S 17+50E	16600	63	26	81.0	5.3	5	5.3	0.57	-0.5	0.3	0.005	-0.005	-0.1	1.72	0.83	33.3	11.2	15.4	-5	0.3	-0.3	-0.05
0+50S 18+00E	24200	143	148	748	26.8	8	7.9	2.08	-0.5	0.6	0.032	-0.005	-0.1	1.10	0.89	23.0	20.0	42.4	-5	-0.1	0.8	0.12
0+50S 19+50E	15900	128	59	213	8.6	7	19.1	0.82	-0.5	0.6	0.006	-0.005	-0.1	1.00	0.99	59.4	22.6	25.1	-5	-0.1	0.5	0.08
0+50S 20+00E	13900	60	23	78.2	3.3	4	9.1	0.33	-0.5	0.4	-0.005	-0.005	-0.1	0.84	0.73	24.7	13.8	12.1	-5	-0.1	0.6	0.13
0+50S 20+50E	10500	75	28	67.4	3.0	3	5.7	0.36	-0.5	0.2	0.011	-0.005	-0.1	2.02	1.13	39.5	12.3	10.2	-5	-0.1	-0.3	0.11

Certified By:

C. Douglas Read, B. Sc.
Laboratory Manager, Activation Laboratories Ltd.

Date Received: 30-JUL-03

Date Reported: 13-AUG-03

Enzyme Leach Job #: A03-1541
Trace element values are in parts per bill
Values = 999999 are greater than the

Enhanced Package:	*Chalcophile Association Indicators:*						*High-Field Strength Elements:*							*Rare Earth Elements:*								
Sample ID:	Ag	Cd	In	Sn	Tl	Bi	S.Q. Tl	S.Q. Cr	Y	Zr	Nb	Hf	Ta	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er
15+00N 7+00E	-0.1	0.7	0.02	-0.2	0.159	1.1	409	-3	4.49	22.8	1.2	0.48	0.07	3.72	15.0	1.22	4.75	1.15	0.46	1.12	0.20	0.97	0.20	0.54
15+00N 7+50E	-0.1	0.5	0.02	-0.2	0.123	2.0	409	-3	1.68	8.2	0.9	0.19	0.08	1.56	4.19	0.47	1.77	0.43	0.30	0.42	0.08	0.34	0.08	0.22
15+00N 8+00E	-0.1	0.3	0.03	-0.2	0.126	2.7	342	-3	1.00	5.6	0.8	0.22	0.08	0.98	4.02	0.28	1.15	0.26	0.19	0.25	0.04	0.26	0.05	0.14
15+00N 8+50E	-0.1	0.5	0.03	-0.2	0.065	2.5	458	-3	1.31	7.3	1.0	0.24	0.10	1.51	5.22	0.43	1.94	0.41	0.20	0.41	0.08	0.33	0.07	0.19
15+00N 9+00E	-0.1	0.8	0.04	-0.2	0.147	2.0	325	-3	2.72	10.1	1.0	0.37	0.09	2.17	9.67	0.80	3.13	0.78	0.24	0.74	0.13	0.66	0.13	0.35
15+00N 9+50E	-0.1	0.4	0.03	-0.2	0.098	2.2	205	-3	2.84	5.0	0.5	0.18	0.07	2.11	4.51	0.64	2.77	0.61	0.19	0.53	0.11	0.60	0.13	0.36
15+00N 10+00E	-0.1	0.5	0.04	0.2	0.094	2.1	238	-3	4.02	11.3	0.6	0.34	0.11	2.68	7.46	0.86	3.52	0.87	0.25	0.82	0.15	0.76	0.16	0.42
15+00N 10+50E	-0.1	0.6	0.02	-0.2	0.105	0.9	271	-3	15.8	26.1	0.5	0.56	0.07	9.99	17.4	3.58	17.0	3.81	1.01	3.57	0.56	3.03	0.62	1.90
15+00N 11+00E	-0.1	0.6	0.05	0.3	0.322	1.1	219	-3	12.7	37.5	0.6	0.93	0.07	9.04	11.0	2.98	12.1	2.80	0.75	2.38	0.38	2.00	0.43	1.27
15+00N 11+50E	-0.1	2.4	0.03	0.2	0.209	1.1	495	-3	5.72	20.2	0.9	0.50	0.09	4.63	10.2	1.44	5.73	1.24	0.43	1.10	0.19	0.98	0.20	0.57
15+00N 12+00E	-0.1	2.0	0.01	-0.2	0.264	0.6	200	-3	4.64	7.3	0.6	0.16	0.09	3.39	8.39	1.21	5.19	1.07	0.34	1.07	0.17	0.88	0.19	0.55
15+00N 12+50E	-0.1	1.4	0.01	-0.2	0.465	0.6	179	-3	4.89	9.4	0.4	0.25	0.07	3.19	7.66	1.08	4.83	1.13	0.33	1.02	0.17	0.93	0.19	0.59
15+00N 13+00E	-0.1	2.5	-0.01	-0.2	0.413	0.6	147	-3	6.65	11.7	0.4	0.26	0.07	4.42	9.76	1.51	6.46	1.38	0.44	1.33	0.21	1.17	0.24	0.81
15+00N 13+50E	-0.1	0.4	0.04	-0.2	0.168	1.2	258	-3	4.76	13.6	0.3	0.41	0.07	5.21	12.3	1.64	7.40	1.53	0.39	1.37	0.21	1.03	0.21	0.54
15+00N 14+00E	-0.1	1.0	0.02	-0.2	0.199	0.6	199	-3	12.1	27.7	0.4	0.72	0.09	6.93	13.1	2.28	10.5	2.25	0.63	2.06	0.33	1.84	0.40	1.23
15+00N 14+50E	-0.1	1.1	0.02	-0.2	0.277	0.5	217	-3	5.18	11.6	0.3	0.37	0.06	4.99	12.1	1.46	6.46	1.35	0.42	1.30	0.20	1.11	0.21	0.57
15+00N 15+00E	-0.1	0.9	0.02	-0.2	0.167	0.6	603	-3	2.85	17.4	0.9	0.62	0.08	3.24	7.44	0.97	3.89	0.87	0.37	0.81	0.13	0.71	0.13	0.38
15+00N 15+50E	-0.1	1.8	0.02	3.1	0.143	0.6	499	-3	5.85	23.8	0.9	0.73	0.09	5.66	15.3	1.92	7.80	1.79	0.59	1.66	0.26	1.33	0.26	0.76
15+00N 16+00E	-0.1	0.4	-0.01	-0.2	0.216	0.6	169	-3	6.29	16.0	0.4	0.50	0.08	5.02	7.24	1.63	6.92	1.56	0.45	1.37	0.21	1.13	0.25	0.71
15+00N 16+50E	-0.1	0.6	0.03	0.4	0.098	0.7	186	-3	8.74	12.4	0.4	0.29	0.06	6.00	7.30	1.94	8.12	1.83	0.44	1.57	0.24	1.40	0.30	0.84
15+00N 17+00E	-0.1	0.3	0.02	-0.2	0.152	-0.5	157	-3	11.6	9.4	0.3	0.27	0.07	7.67	15.8	2.45	11.1	2.46	0.67	2.31	0.36	2.05	0.42	1.21
15+00N 17+50E	-0.1	0.4	-0.01	-0.2	0.130	-0.5	235	-3	8.31	17.6	0.5	0.53	0.07	5.58	13.5	1.84	8.34	1.98	0.52	1.86	0.26	1.52	0.34	0.94
15+00N 18+00E	-0.1	0.7	-0.01	-0.2	0.104	-0.5	354	-3	9.66	20.2	0.7	0.60	0.08	5.56	18.5	2.24	10.2	2.30	0.70	2.32	0.34	1.90	0.39	1.18
15+00N 18+50E	-0.1	0.5	-0.01	-0.2	0.069	-0.5	247	-3	8.60	16.3	0.7	0.51	0.06	4.78	9.80	1.77	8.64	2.05	0.57	1.79	0.29	1.68	0.36	1.04
15+00N 19+00E	-0.1	0.8	-0.01	-0.2	0.119	-0.5	431	-3	8.06	16.7	0.8	0.55	0.07	4.63	11.3	1.80	8.30	1.91	0.59	1.87	0.27	1.50	0.33	0.93
15+00N 19+50E	-0.1	0.8	0.02	-0.2	0.112	-0.5	388	-3	4.88	16.3	0.6	0.60	0.05	5.03	14.8	1.56	6.50	1.56	0.49	1.35	0.22	1.21	0.24	0.58
15+00N 20+00E	-0.1	0.7	0.02	-0.2	0.094	-0.5	431	-3	2.63	9.2	0.7	0.34	0.05	2.47	7.07	0.72	3.03	0.66	0.29	0.64	0.11	0.54	0.11	0.30
15+00N 20+50E	-0.1	1.5	0.03	0.3	0.079	-0.5	728	-3	2.00	10.8	1.1	0.33	0.07	2.12	6.85	0.53	2.29	0.44	0.30	0.42	0.07	0.39	0.08	0.22
15+00N 21+00E	-0.1	1.7	0.01	-0.2	0.067	-0.5	602	-3	1.55	6.4	0.8	0.22	0.05	1.40	4.11	0.36	1.46	0.33	0.31	0.34	0.05	0.28	0.06	0.17
15+00N 21+50E	-0.1	0.5	-0.01	-0.2	0.093	-0.5	440	-3	5.88	17.2	0.7	0.44	0.06	4.47	11.5	1.55	7.21	1.59	0.50	1.39	0.25	1.30	0.25	0.68
15+00N 22+00E	-0.1	0.7	0.01	-0.2	0.125	-0.5	278	-3	3.10	11.2	0.4	0.41	0.05	2.64	7.05	0.81	3.31	0.73	0.32	0.74	0.11	0.73	0.14	0.40
15+00N 22+50E	-0.1	0.8	0.01	-0.2	0.066	-0.5	360	-3	2.86	11.6	0.7	0.40	0.07	2.49	5.66	0.84	3.66	0.79	0.28	0.74	0.13	0.62	0.12	0.36
15+00N 23+00E	-0.1	0.7	0.02	-0.2	0.069	-0.5	195	-3	13.0	23.8	0.5	0.62	0.07	8.13	13.4	2.62	12.9	2.60	0.63	2.17	0.40	2.13	0.41	1.27
15+00N 23+50E	-0.1	0.5	0.02	-0.2	0.086	-0.5	278	-3	10.9	27.5	0.7	0.52	0.08	6.33	11.8	2.05	9.34	2.19	0.55	1.94	0.33	1.69	0.38	1.04
15+00N 24+00E	-0.1	0.6	0.02	0.2	0.095	-0.5	237	-3	10.7	21.6	0.6	0.52	0.06	6.62	9.90	2.09	9.26	2.10	0.55	1.90	0.33	1.68	0.36	1.06
15+00N 24+50E	-0.1	0.6	0.02	0.3	0.320	-0.5	491	-3	6.22	23.7	0.6	0.73	0.07	4.82	11.6	1.50	6.30	1.25	0.44	1.30	0.20	1.00	0.22	0.65
12+50N 7+00E	-0.1	0.5	0.02	-0.2	0.171	0.5	185	-3	8.83	5.4	0.5	0.14	0.06	5.53	14.9	1.79	8.14	1.92	0.47	1.67	0.29	1.52	0.32	0.95
12+50N 7+50E	-0.1	0.8	0.02	-0.2	0.118	-0.5	230	-3	6.61	11.0	0.3	0.33	0.06	3.99	8.28	1.29	5.50	1.30	0.36	1.16	0.19	1.08	0.23	0.72
12+50N 8+00E	-0.1	0.7	0.02	-0.2	0.087	-0.5	279	-3	11.3	21.5	0.3	0.49	0.05	6.08	7.83	1.99	9.16	2.06	0.61	1.98	0.32	1.82	0.41	1.16
12+50N 8+50E	-0.1	0.6	0.01	-0.2	0.080	-0.5	627	-3	6.19	27.9	1.1	0.68	0.06	5.72	15.3	1.77	7.06	1.72	0.53	1.60	0.26	1.31	0.26	0.68
12+50N 9+00E	-0.1	0.7	0.02	-0.2	0.097	-0.5	233	-3	6.77	12.8	0.8	0.16	0.08	4.59	7.35	1.44	6.42	1.52	0.36	1.24	0.20	1.09	0.22	0.64
12+50N 9+50E	-0.1	1.3	0.01	-0.2	0.171	-0.5	312	-3	6.33	16.0	0.4	0.36	0.06	4.67	9.11	1.46	6.54	1.37	0.41	1.31	0.18	0.97	0.22	0.65
12+50N 10+00E	-0.1	1.4	-0.01	-0.2	0.328	-0.5	239	-3	4.41	13.8	0.8	0.35	0.07	3.06	7.40	1.16	5.24	1.24	0.31	1.05	0.16	0.92	0.18	0.54
12+50N 10+50E	0.2	1.4	0.02	0.3	0.296	1.9	204	-3	6.68	13.8	0.8	0.34	0.08	3.71	10.6	1.34	5.72	1.36	0.37	1.16	0.22	1.03	0.22	0.62
12+50N 11+00E	0.1	2.8	0.03	0.2	0.559	3.3	268	-3	11.8	25.9	0.8	0.59	0.09	6.57	14.7	2.16	10.3	2.45	0.68	2.07	0.36	2.01	0.44	1.28
12+50N 11+50E	0.2	3.3	0.04	-0.2	0.392	2.7	408	-3	9.04	20.5	0.6	0.79	0.08	6.55	16.7	2.03	9.33	2.15	0.70	1.92	0.32	1.77	0.34	1.00
12+50N 12+00E	0.1	1.1	0.03	-0.2	0.141	1.6	327	-3	3.59	13.1	0.6	0.49	0.07	2.87	9.78	0.96	4.17	0.86	0.35	0.95	0.15	0.81	0.16	0.37
12+50N 12+50E	0.1	0.9	0.04	-0.2	0.143	1.8	262	-3	4.02	10.3	0.5	0.45	0.06	2.38	7.00	0.84	3.61	0.81	0.25	0.80	0.14	0.67	0.16	0.44
12+50N 13+00E	-0.1	0.7	0.03	-0.2	0.110	1.6	417	-3	9.51	32.1	1.1	0.95	0.08	6.76	11.9	2.36	10.1	2.18	0.58	1.93	0.35	1.61	0.33	1.03
12+50N 13+50E	-0.1	1.1	0.01	-0.2	0.123	0.7	394	-3	1.76	5.3	0.8	0.29	0.06	1.52	2.81	0.45	1.87	0.41	0.37	0.42	0.07	0.40	0.08	0.21
12+50N 14+00E	-0.1	1.8	0.02	0.3	0.097	0.8	876	-3	2.42	7.6	1.3	0.38	0.06	1.91	4.28	0.54	2.25	0.49	0.47	0.52	0.10	0.45	0.09	0.29
12+50N 14+50E	-0.1	1.3	0.02	-0.2	0.128	1.4	527	-3	1.63	4.2	0.8	0.29	0.05	1.38	3.92	0.45	1.89	0.42	0.24	0.38	0.08	0.38	0.08	0.21
12+50N 15+00E	-0.1	1.3	0.07	0.4	0.152	0.7	410	-3	5.26	18.6	0.9	0.60	0.05	3.61	9.43	1.26	5.70	1.30	0.50	1.11	0.19	1.10	0.22	0.61
12+50N 15+50E	-0.1	0.9	0.02	-0.2	0.103	0.6	759	-3	1.89	4.8	1.0	0.24	0.06	1.59	3.91	0.45	1.88	0.46	0.37	0.44	0.07	0.36	0.08	0.21
12+50N 16+00E	-0.1	0.8	0.03	-0.2	0.143	1.0	307	-3	7.99	10.3	0.7	0.56	0.06	4.59	7.58	1.67	7.60	1.83	0.56	1.61	0.27	1.44	0.34	0.98
12+50N 16+50E	-0.1	1.9	0.02	0.2	0.080	0.7	1010	-3	1.44	7.7	1.3	0.38	0.07	1.18	2.49	0.31	1.26	0.27	0.30	0.29	0.05	0.24	0.06	0.15
12+50N 17+00E	-0.1	0.6	-0.01	-0.2	0.104	0.5	334	-3	4.66	11.4	0.7	0.48	0.05	2.94	5.44	0.98	4.67	1.11	0.41	1.03	0.17	0.88	0.18	0.53
12+50N 17+50E	-0.1	2.4	0.01	-0.2	0.098	0.6	815	-3	1.38	5.3	0.8	0.25	0.06	1.01	1.87	0.27	1.16	0.26	0.27	0.28	0.04	0.24	0.05	0.13
12+50N 18+00E	-0.1	1.7	0.02	-0.2	0.100	0.7	459	-3	1.38	9.2	0.9	0.48	0.06	1.25	3.25	0.36	1.57	0.37	0.29	0.32	0.07	0.33	0.06	0.18
12+50N 18+50E	-0.1	0.9	0.04	-0.2	0.129	0.6	345	-3	6.11	20.2	0.6	0.70	0.05	4.72	10.3	1.26	5.38	1.23	0.56	1.17	0.22	1.21	0.24	0.63
12+50N 19+00E	-0.1	1.1	-0.01	-0.2	0.172	-0.5	225	-3	2.94	9.4	0.4	0.47	0.07	2.53	6.66	0.77	3.31	0.80	0.36	0.71	0.12	0.72	0.15	0.40
12+50N 19+50E	-0.1	0.8	0.02	-0.2	0.093	0.6	241	-3	2.42	9.2	0.5	0.36	0.06	1.83	4.71	0.49	2.05	0.48	0.28	0.42	0.09	0.43	0.09	0.25
12+50N 20+00E	-0.1	1.0	0.01	-0.2	0.135	-0.5	438	-3	4.11	16.9	0.8	0.65	0.05	3.04	11.3	0.96	3.99	0.91	0.39	0.92	0.16	0.83	0.15	0.45

Enzyme Leach Job #: A03-1541
Trace element values are in parts per bill
Values = 999999 are greater than the

Enhanced Package:	*Chalcophile Association Indicators:*						*High-Field Strength Elements:*							*Rare Earth Elements:*								
Sample ID:	Ag	Cd	In	Sn	Tl	Bi	S.Q. Ti	S.Q. Cr	Y	Zr	Nb	Hf	Ta	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er
12+50N 20+50E	-0.1	0.5	0.02	-0.2	0.109	0.6	321	-3	7.27	14.9	0.5	0.61	0.05	4.33	7.65	1.45	6.99	1.48	0.46	1.34	0.22	1.21	0.27	0.72
12+50N 21+00E	-0.1	0.5	0.02	-0.2	0.130	-0.5	338	-3	4.13	14.9	0.6	0.61	0.05	3.65	11.4	1.14	4.62	0.98	0.31	1.03	0.16	0.88	0.16	0.47
12+50N 21+50E	-0.1	1.2	0.01	-0.2	0.306	-0.5	472	-3	3.15	0.3	1.2	0.07	0.08	2.27	4.22	0.58	2.57	0.61	0.21	0.52	0.09	0.48	0.09	0.28
12+50N 22+00E	-0.1	0.2	-0.01	-0.2	0.118	-0.5	304	-3	8.97	6.1	1.7	0.09	0.09	5.59	9.35	1.92	9.16	1.93	0.43	1.71	0.25	1.42	0.30	0.82
12+50N 22+50E	-0.1	0.2	0.01	-0.2	0.071	-0.5	244	-3	3.19	9.9	0.4	0.43	0.06	2.17	4.70	0.62	3.09	0.79	0.21	0.61	0.10	0.60	0.12	0.35
12+50N 23+00E	-0.1	0.2	0.01	-0.2	0.109	-0.5	434	-3	12.8	9.6	1.8	0.16	0.10	8.86	20.9	3.35	15.3	3.75	0.88	2.91	0.48	2.41	0.49	1.47
12+50N 23+50E	-0.1	0.8	0.01	-0.2	0.088	0.5	320	-3	14.1	19.6	0.8	0.66	0.08	8.62	13.2	2.74	12.6	2.76	0.73	2.52	0.40	2.14	0.45	1.34
12+50N 24+00E	-0.1	0.8	0.01	-0.2	0.104	-0.5	372	-3	4.53	16.8	0.8	0.64	0.06	3.15	6.74	0.96	4.51	1.09	0.34	0.88	0.15	0.82	0.18	0.50
12+50N 24+50E	-0.1	0.3	-0.01	-0.2	0.155	-0.5	581	-3	13.0	15.5	0.6	0.35	0.07	8.07	10.9	2.76	13.4	3.06	0.76	2.70	0.39	2.22	0.47	1.31
10+00N 5+50E	-0.1	1.0	-0.01	-0.2	0.184	-0.5	440	-3	5.71	24.3	1.0	0.86	0.07	4.19	7.21	1.35	5.95	1.31	0.54	1.16	0.20	0.98	0.22	0.63
10+00N 6+00E	-0.1	1.2	-0.01	-0.2	0.088	-0.5	490	-3	6.26	16.4	1.0	0.50	0.06	4.33	5.99	1.41	6.02	1.46	0.50	1.22	0.20	1.03	0.23	0.62
10+00N 6+50E	-0.1	0.8	0.02	-0.2	0.110	-0.5	378	-3	2.80	8.8	0.7	0.36	0.06	2.35	4.63	0.66	2.88	0.64	0.35	0.60	0.10	0.55	0.12	0.30
10+00N 7+00E	-0.1	0.8	0.01	16.8	0.148	-0.5	296	-3	3.95	9.2	0.5	0.42	0.05	2.60	5.90	0.80	3.66	0.77	0.23	0.84	0.12	0.65	0.14	0.41
10+00N 7+50E	-0.1	1.8	-0.01	0.4	0.662	-0.5	163	-3	4.61	-0.1	0.5	0.01	0.07	1.96	4.23	0.62	2.80	0.60	0.16	0.60	0.11	0.58	0.14	0.50
10+00N 8+00E	-0.1	2.6	-0.01	0.3	0.331	-0.5	176	-3	12.1	34.6	0.6	0.94	0.06	6.16	11.2	2.09	9.43	2.31	0.61	1.88	0.33	1.95	0.44	1.26
10+00N 8+50E	-0.1	2.9	-0.01	-0.2	0.444	-0.5	196	-3	6.61	10.6	0.6	0.26	0.07	4.03	10.2	1.35	6.10	1.38	0.38	1.05	0.19	1.06	0.22	0.67
10+00N 9+00E	-0.1	1.2	-0.01	-0.2	0.311	-0.5	264	-3	2.99	5.0	0.9	0.13	0.08	1.86	5.07	0.62	2.66	0.57	0.18	0.54	0.10	0.48	0.10	0.30
10+00N 9+50E	-0.1	2.1	-0.01	-0.2	0.342	-0.5	233	-3	11.0	15.0	1.0	0.32	0.07	5.93	15.9	2.23	9.92	2.37	0.61	2.04	0.35	1.69	0.33	1.08
10+00N 10+00E	-0.1	0.6	-0.01	-0.2	0.386	-0.5	165	-3	11.2	24.7	0.4	0.86	0.06	7.54	25.7	2.64	12.4	2.98	0.73	2.60	0.40	2.26	0.50	1.34
10+00N 10+50E	-0.1	0.9	0.02	-0.2	0.294	-0.5	338	-3	12.1	10.9	1.6	0.29	0.13	6.93	17.2	2.19	10.1	2.30	0.60	2.23	0.38	1.91	0.38	1.23
10+00N 11+00E	-0.1	0.4	0.01	-0.2	0.109	-0.5	407	-3	27.6	76.6	0.9	1.94	0.06	15.3	17.0	5.77	26.4	5.98	1.68	5.10	0.91	4.89	1.09	3.08
10+00N 11+50E	-0.1	1.1	-0.01	-0.2	0.165	-0.5	386	-3	6.03	11.9	0.5	0.42	0.04	6.71	14.3	1.97	8.11	2.29	0.68	1.51	0.27	1.31	0.25	0.73
10+00N 12+00E	0.2	0.5	0.03	0.3	0.101	1.9	364	-3	10.8	24.7	0.9	0.71	0.07	5.59	5.57	2.06	9.26	2.33	0.62	1.67	0.35	1.74	0.37	1.05
10+00N 12+50E	-0.1	0.2	0.02	-0.2	0.141	1.4	384	-3	15.0	51.4	0.7	1.44	0.07	8.55	6.19	3.54	16.3	3.64	1.01	2.99	0.59	3.10	0.66	1.80
10+00N 13+00E	0.2	0.7	0.02	0.4	0.121	1.6	837	-3	2.91	15.2	1.2	0.49	0.07	2.25	3.91	0.69	2.68	0.67	0.52	0.59	0.11	0.58	0.11	0.29
10+00N 13+50E	-0.1	0.5	0.02	-0.2	0.188	1.4	410	-3	9.41	34.6	0.8	1.13	0.06	6.71	19.8	2.64	11.8	2.65	0.87	2.29	0.39	2.05	0.42	1.14
10+00N 14+00E	-0.1	0.5	0.02	-0.2	0.170	1.3	433	-3	4.08	17.1	0.6	0.61	0.05	3.45	10.6	1.20	4.89	1.14	0.48	0.90	0.17	0.89	0.17	0.50
10+00N 14+50E	-0.1	-0.1	0.04	0.3	0.110	2.5	305	-3	20.4	27.3	0.7	0.76	0.09	11.3	12.8	3.82	17.2	3.89	1.01	3.28	0.58	2.97	0.64	1.85
10+00N 15+00E	-0.1	0.2	0.02	0.3	0.215	1.2	404	-3	9.99	39.9	0.8	1.28	0.08	6.41	16.9	2.47	10.7	2.36	0.69	2.08	0.40	2.01	0.40	1.08
10+00N 15+50E	-0.1	1.2	0.04	0.7	0.136	1.0	769	-3	1.57	10.3	1.0	0.37	0.07	1.36	3.27	0.42	1.64	0.38	0.16	0.37	0.07	0.34	0.07	0.19
10+00N 16+00E	-0.1	1.6	0.01	-0.2	0.113	0.8	531	-3	2.11	14.9	0.8	0.49	0.05	1.81	5.04	0.57	2.30	0.48	0.44	0.47	0.09	0.41	0.08	0.27
10+00N 16+50E	-0.1	0.6	-0.01	-0.2	0.080	1.0	669	-3	3.26	16.9	1.1	0.55	0.06	2.38	6.05	0.79	4.01	0.76	0.35	0.71	0.13	0.68	0.13	0.36
10+00N 17+00E	-0.1	0.7	-0.01	-0.2	0.099	0.6	592	-3	1.40	13.6	1.1	0.43	0.04	1.22	4.48	0.37	1.54	0.34	0.37	0.30	0.06	0.31	0.06	0.13
10+00N 17+50E	-0.1	0.5	0.02	0.3	0.052	0.9	667	-3	1.99	11.1	1.0	0.39	0.05	1.53	3.97	0.51	2.15	0.40	0.19	0.38	0.08	0.42	0.08	0.22
10+00N 18+00E	-0.1	0.6	-0.01	0.2	0.058	0.8	611	-3	1.57	14.5	1.1	0.46	0.07	1.22	3.06	0.37	1.63	0.36	0.23	0.27	0.06	0.32	0.06	0.20
10+00N 18+50E	-0.1	0.7	0.02	0.3	0.109	0.8	455	-3	1.35	12.9	0.8	0.44	0.06	1.28	3.16	0.36	1.38	0.32	0.36	0.27	0.06	0.32	0.06	0.17
10+00N 19+00E	-0.1	0.3	0.02	-0.2	0.093	1.0	511	-3	2.62	13.6	1.1	0.41	0.06	1.79	6.03	0.55	2.39	0.54	0.23	0.52	0.10	0.51	0.09	0.26
10+00N 19+50E	-0.1	0.8	0.03	0.9	0.132	1.0	277	6	7.86	22.2	0.6	0.71	0.05	4.96	12.6	1.66	7.16	1.60	0.42	1.41	0.26	1.37	0.30	0.69
10+00N 20+00E	-0.1	0.2	-0.01	-0.2	0.119	-0.5	262	-3	10.6	27.0	0.5	0.89	0.05	6.80	6.29	2.38	10.3	2.20	0.62	1.95	0.35	1.90	0.37	1.13
10+00N 20+50E	-0.1	0.4	-0.01	0.4	0.094	-0.5	342	-3	11.4	23.5	0.7	0.77	0.05	5.75	7.53	2.23	10.4	2.33	0.69	2.06	0.34	1.81	0.41	1.26
10+00N 21+00E	-0.1	1.4	-0.01	0.3	0.180	-0.5	561	-3	5.78	18.8	1.0	0.70	0.06	4.76	7.13	1.52	6.54	1.47	0.56	1.30	0.20	1.15	0.23	0.64
10+00N 21+50E	-0.1	0.2	-0.01	-0.2	0.075	-0.5	393	-3	7.79	29.8	0.8	1.03	0.06	4.81	8.72	1.92	8.67	2.14	0.63	1.64	0.31	1.65	0.31	0.86
10+00N 22+00E	-0.1	0.5	-0.01	-0.2	0.066	-0.5	469	-3	3.98	16.6	1.0	0.57	0.06	3.28	6.79	1.10	4.65	1.08	0.35	0.89	0.15	0.76	0.13	0.40
10+00N 22+50E	-0.1	0.6	-0.01	-0.2	0.083	-0.5	314	-3	6.88	18.1	0.4	0.56	0.06	4.71	4.76	1.64	7.37	1.57	0.53	1.40	0.24	1.26	0.25	0.73
10+00N 23+00E	-0.1	1.1	-0.01	-0.2	0.071	0.5	535	-3	2.06	10.5	0.9	0.36	0.05	1.69	3.26	0.46	1.89	0.41	0.19	0.35	0.06	0.34	0.07	0.21
10+00N 23+50E	-0.1	-0.1	-0.01	-0.2	0.074	-0.5	374	-3	4.71	23.4	0.8	0.67	0.06	3.04	6.95	1.09	4.54	1.15	0.33	0.90	0.19	0.77	0.18	0.54
10+00N 24+00E	-0.1	-0.1	-0.01	-0.2	0.144	-0.5	247	7	13.4	27.5	0.5	0.83	0.06	7.80	13.5	2.67	12.4	2.59	0.70	2.34	0.37	2.05	0.48	1.27
10+00N 24+50E	-0.1	0.8	-0.01	-0.2	0.135	-0.5	548	-3	5.89	17.1	0.9	0.66	0.06	4.60	10.7	1.47	6.19	1.47	0.52	1.17	0.21	1.10	0.22	0.57
7+50N 5+50E	-0.1	0.2	-0.01	-0.2	0.052	-0.5	292	-3	14.4	9.7	0.5	0.22	0.05	6.60	17.0	2.42	12.2	2.67	0.76	2.48	0.41	1.99	0.46	1.30
7+50N 6+00E	-0.1	1.3	0.02	0.3	0.128	0.9	434	-3	10.3	21.9	1.2	0.63	0.08	7.33	11.0	2.21	9.75	2.00	0.57	1.81	0.35	1.76	0.36	0.99
7+50N 6+50E	-0.1	3.1	-0.01	-0.2	0.389	-0.5	236	-3	5.69	13.2	0.6	0.31	0.06	2.72	6.87	1.03	5.02	1.16	0.36	0.92	0.18	1.04	0.20	0.55
7+50N 7+00E	-0.1	2.3	-0.01	0.3	0.222	-0.5	326	-3	18.4	27.9	1.0	0.57	0.08	8.82	25.1	3.38	15.7	3.48	0.89	3.09	0.55	3.06	0.64	1.80
7+50N 7+50E	-0.1	0.7	-0.01	-0.2	0.252	-0.5	185	-3	11.3	26.5	0.5	0.60	0.06	6.94	14.6	2.43	10.6	2.13	0.58	1.86	0.34	1.81	0.35	1.04
7+50N 8+00E	-0.1	1.4	-0.01	0.3	0.197	-0.5	549	15	22.9	57.1	1.3	1.48	0.09	9.92	15.8	3.39	16.4	3.83	1.04	3.37	0.56	3.11	0.70	2.17
7+50N 8+50E	-0.1	1.4	-0.01	0.2	0.166	-0.5	257	-3	32.4	57.9	0.7	1.30	0.07	14.5	20.5	6.07	28.2	6.71	1.65	5.46	1.04	5.82	1.21	3.60
7+50N 9+00E	-0.1	1.6	-0.01	-0.2	0.148	-0.5	258	-3	31.9	47.9	0.6	0.91	0.08	15.7	23.1	5.87	27.0	5.98	1.63	5.66	1.02	5.32	1.12	3.19
7+50N 9+50E	-0.1	1.5	-0.01	0.3	0.193	-0.5	443	-3	4.48	13.8	0.6	0.39	0.06	3.06	6.77	1.01	4.46	0.93	0.31	0.77	0.16	0.88	0.16	0.45
7+50N 10+00E	-0.1	2.1	-0.01	0.3	0.153	-0.5	443	-3	2.69	10.7	0.5	0.32	0.05	1.96	5.90	0.64	2.87	0.71	0.37	0.59	0.10	0.64	0.12	0.32
7+50N 10+50E	-0.1	0.2	-0.01	-0.2	0.108	-0.5	399	-3	62.5	88.8	0.6	2.15	0.07	26.8	43.9	12.3	56.5	13.5	3.29	11.7	2.15	11.5	2.43	7.08
7+50N 11+00E	-0.1	1.6	-0.01	-0.2	0.121	-0.5	390	-3	8.76	14.1	0.4	0.44	0.04	5.12	11.2	1.78	7.31	1.67	0.92	1.63	0.28	1.49	0.31	0.81
7+50N 11+50E	-0.1	0.9	-0.01	-0.2	0.129	-0.5	618	-3	2.55	14.6	1.0	0.45	0.05	2.19	5.96	0.63	2.61	0.52	0.58	0.59	0.09	0.54	0.10	0.28
7+50N 12+00E	-0.1	1.1	-0.01	-0.2	0.126	-0.5	253	-3	6.42	19.2	0.3	0.54	0.04	4.08	11.4	1.21	4.93	1.10	0.92	1.08	0.19	1.08	0.22	0.63
7+50N 12+50E	-0.1	0.2	0.01	-0.2	0.115	-0.5	349	-3	5.13	18.6	0.5	0.56	0.04	3.26	7.36	1.12	4.96	1.16	0.45	0.92	0.17	0.90	0.20	0.52

Enzyme Leach Job #: A03-1541
Trace element values are in parts per bil
Values = 999999 are greater than the

Enhanced Package:	*Chalcophile Association Indicators:*						*High-Field Strength Elements:*							*Rare Earth Elements:*									
Sample ID:	Ag	Cd	In	Sn	Tl	Bi	S.Q. Ti	S.Q. Cr	Y	Zr	Nb	Hf	Ta	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er
7+50N 13+00E	-0.1	0.4	-0.01	0.6	0.083	-0.5	420	-3	9.45	29.8	0.8	0.84	0.05	5.87	8.73	2.21	10.1	2.21	0.80	1.72	0.33	1.65	0.35	1.02
7+50N 13+50E	-0.1	2.4	-0.01	-0.2	0.090	-0.5	766	-3	4.09	19.0	1.2	0.57	0.06	2.28	4.26	0.85	3.52	0.81	0.60	0.78	0.13	0.70	0.14	0.39
7+50N 14+00E	-0.1	1.2	-0.01	0.2	0.194	-0.5	993	-3	2.30	13.0	1.1	0.50	0.05	2.02	5.79	0.67	2.84	0.66	0.39	0.59	0.09	0.49	0.10	0.28
7+50N 14+50E	-0.1	0.4	-0.01	-0.2	0.206	-0.5	487	-3	7.51	27.8	0.8	0.93	0.05	4.61	16.6	1.55	6.76	1.50	0.70	1.40	0.25	1.32	0.26	0.82
7+50N 15+00E	-0.1	0.1	-0.01	-0.2	0.224	-0.5	494	-3	38.8	57.6	2.4	1.14	0.12	24.2	32.5	8.01	37.0	8.33	1.95	6.66	1.13	6.36	1.32	3.82
7+50N 15+50E	-0.1	0.2	0.02	0.6	0.508	-0.5	961	92	17.8	192	2.5	5.99	0.14	18.9	46.1	6.96	30.7	6.68	1.67	5.29	0.95	4.70	0.83	2.29
7+50N 16+00E	-0.1	0.5	0.03	0.3	0.204	3.7	602	5	22.4	73.7	1.6	1.93	0.11	13.3	29.8	5.13	22.0	4.93	1.31	4.07	0.85	4.19	0.89	2.51
7+50N 16+50E	-0.1	0.6	0.04	0.3	0.146	2.6	645	9	23.4	55.1	1.0	1.86	0.06	15.3	31.7	5.71	24.7	5.30	1.55	4.49	0.76	4.04	0.78	2.56
7+50N 17+00E	-0.1	2.3	0.02	0.7	0.319	2.2	1150	100	9.01	51.1	2.4	1.42	0.11	6.40	18.0	2.19	9.17	1.97	0.88	1.80	0.35	1.65	0.33	1.00
7+50N 17+50E	0.1	0.2	0.05	0.3	0.160	2.9	443	-3	9.85	22.3	0.8	0.77	0.06	9.30	18.3	2.82	12.7	2.58	0.73	1.99	0.34	1.76	0.32	0.95
7+50N 18+00E	-0.1	0.2	0.04	-0.2	0.133	2.2	312	-3	9.28	26.1	0.5	0.84	0.05	5.29	11.7	1.78	7.93	1.85	0.62	1.56	0.30	1.58	0.34	0.98
7+50N 18+50E	-0.1	0.3	0.02	0.3	0.217	1.9	490	-3	5.91	25.8	0.6	0.90	0.05	3.82	16.2	1.38	5.95	1.37	0.40	1.20	0.22	1.28	0.24	0.68
7+50N 19+00E	-0.1	0.3	-0.01	-0.2	0.160	0.6	294	-3	6.07	20.5	0.6	0.67	0.05	3.11	10.6	1.42	6.34	1.43	0.45	1.30	0.23	1.11	0.24	0.75
7+50N 19+50E	-0.1	0.1	0.03	-0.2	0.156	1.4	268	-3	13.5	32.1	0.4	1.01	0.06	8.18	14.1	2.97	13.9	3.34	0.87	2.72	0.47	2.46	0.50	1.50
7+50N 20+00E	-0.1	-0.1	0.01	-0.2	0.174	1.3	254	10	20.5	47.8	0.6	1.22	0.06	12.3	14.2	4.75	21.0	4.73	1.14	3.67	0.73	3.77	0.78	2.13
7+50N 20+50E	-0.1	-0.1	0.02	-0.2	0.129	1.1	210	-3	16.0	27.0	0.5	0.78	0.06	9.63	13.8	3.30	14.7	3.13	0.81	2.80	0.50	2.63	0.56	1.61
7+50N 21+00E	-0.1	-0.1	-0.01	-0.2	0.176	0.9	241	-3	6.40	22.9	0.6	0.81	0.05	5.50	12.0	1.76	7.35	1.58	0.43	1.27	0.25	1.26	0.24	0.67
7+50N 21+50E	-0.1	-0.1	-0.01	-0.2	0.154	0.6	226	-3	10.3	23.3	0.5	0.76	0.07	7.01	11.5	2.46	11.0	2.33	0.63	2.00	0.34	1.81	0.36	1.03
7+50N 22+00E	-0.1	-0.1	-0.01	-0.2	0.105	0.6	268	-3	14.6	25.3	0.6	0.71	0.05	8.57	9.05	2.97	13.7	3.00	0.89	2.48	0.40	1.99	0.44	1.34
7+50N 22+50E	-0.1	0.3	-0.01	0.2	0.083	0.8	355	8	7.17	20.5	0.8	0.61	0.06	5.23	9.57	1.72	7.13	1.51	0.46	1.32	0.22	1.20	0.24	0.71
7+50N 23+00E	-0.1	-0.1	-0.01	-0.2	0.120	0.5	211	-3	9.40	15.6	0.4	0.47	0.04	5.83	8.47	2.23	10.0	2.24	0.60	1.77	0.35	1.78	0.35	1.03
7+50N 23+50E	-0.1	-0.1	-0.01	-0.2	0.085	0.7	282	-3	4.53	12.2	0.6	0.44	0.04	2.79	4.98	0.89	4.08	0.88	0.30	0.77	0.14	0.76	0.16	0.42
7+50N 24+00E	-0.1	-0.1	-0.01	0.2	0.095	0.7	372	4	8.09	15.4	0.7	0.48	0.06	5.20	6.98	1.59	7.28	1.66	0.48	1.35	0.24	1.31	0.24	0.76
7+50N 24+50E	-0.1	0.5	-0.01	0.3	0.176	0.7	373	9	12.8	24.7	1.0	0.75	0.07	7.83	21.2	2.57	11.7	2.65	0.78	2.39	0.39	2.06	0.45	1.28
5+00N 4+00E	-0.1	0.5	0.01	-0.2	0.296	0.5	185	-3	13.0	30.5	0.5	0.81	0.05	8.13	12.1	2.71	12.0	2.77	0.71	2.19	0.39	2.03	0.42	1.30
5+00N 4+50E	-0.1	0.9	-0.01	-0.2	0.383	-0.5	360	-3	2.89	11.4	0.5	0.38	0.06	2.43	4.83	0.76	3.21	0.73	0.25	0.57	0.11	0.53	0.11	0.27
5+00N 5+00E	-0.1	1.8	-0.01	-0.2	0.358	-0.5	167	-3	6.87	10.9	0.4	0.21	0.04	3.88	13.0	1.37	5.96	1.29	0.42	1.27	0.22	1.20	0.25	0.72
5+00N 5+50E	-0.1	1.2	-0.01	-0.2	0.276	-0.5	180	-3	5.35	11.7	0.6	0.22	0.05	3.59	11.5	1.28	5.36	1.18	0.37	1.03	0.20	0.98	0.19	0.54
5+00N 6+00E	-0.1	0.5	0.02	-0.2	0.117	0.6	214	-3	27.1	39.7	0.7	0.96	0.07	16.2	19.9	5.73	25.3	5.36	1.21	4.42	0.82	4.26	0.89	2.61
5+00N 6+50E	-0.1	1.4	-0.01	-0.2	0.734	-0.5	250	-3	5.53	6.8	0.9	0.16	0.09	3.79	7.03	1.08	4.87	1.05	0.30	0.95	0.17	0.97	0.20	0.61
5+00N 7+00E	-0.1	1.2	-0.01	-0.2	0.278	-0.5	232	-3	16.0	30.5	0.6	0.84	0.03	9.18	14.0	3.37	14.7	3.31	0.91	2.83	0.54	2.85	0.57	1.71
5+00N 7+50E	-0.1	0.3	-0.01	-0.2	0.184	-0.5	182	-3	11.0	7.1	0.3	0.15	0.06	5.94	9.74	2.04	9.26	2.07	0.56	1.84	0.36	1.77	0.37	1.03
5+00N 8+00E	-0.1	4.7	-0.01	0.4	0.195	-0.5	1350	-3	2.00	14.2	1.8	0.44	0.07	1.62	3.38	0.48	1.85	0.48	0.40	0.39	0.07	0.39	0.07	0.19
5+00N 8+50E	-0.1	1.1	-0.01	-0.2	0.167	-0.5	524	-3	4.08	22.6	1.1	0.65	0.05	2.99	10.0	0.98	4.39	1.06	0.40	0.84	0.15	0.94	0.16	0.47
5+00N 9+00E	-0.1	1.4	-0.01	-0.2	0.113	-0.5	920	-3	7.84	37.9	2.8	1.20	0.11	4.88	7.94	1.65	7.63	1.76	0.62	1.48	0.26	1.44	0.33	0.83
5+00N 9+50E	-0.1	0.7	-0.01	-0.2	0.127	-0.5	507	-3	8.23	22.9	1.1	0.71	0.06	5.20	10.4	1.82	8.61	2.01	0.61	1.57	0.29	1.57	0.31	0.86
5+00N 10+00E	-0.1	0.4	-0.01	-0.2	0.071	-0.5	597	-3	9.62	24.6	1.2	0.75	0.07	5.79	13.2	2.17	9.63	2.13	0.63	1.88	0.33	1.78	0.36	1.03
5+00N 10+50E	-0.1	0.4	-0.01	0.3	0.103	-0.5	514	5	10.2	27.6	1.3	0.82	0.08	5.74	13.2	2.19	9.93	2.21	0.74	1.91	0.35	1.75	0.41	1.14
5+00N 11+00E	-0.1	1.1	-0.01	-0.2	0.123	-0.5	495	-3	7.27	14.8	0.8	0.46	0.06	4.37	9.66	1.67	8.03	1.86	0.58	1.49	0.27	1.36	0.30	0.86
5+00N 11+50E	-0.1	0.6	-0.01	-0.2	0.087	-0.5	652	-3	4.09	23.2	1.0	0.62	0.04	3.79	9.28	1.15	4.67	1.05	0.57	1.01	0.17	0.90	0.18	0.46
5+00N 12+00E	-0.1	0.4	-0.01	-0.2	0.072	-0.5	503	-3	3.84	15.4	0.9	0.52	0.06	2.93	6.11	1.03	4.32	0.99	0.42	0.83	0.14	0.77	0.16	0.39
5+00N 12+50E	-0.1	0.2	-0.01	-0.2	0.091	-0.5	281	-3	5.53	11.5	0.6	0.39	0.05	3.98	7.04	1.28	5.54	1.20	0.39	0.91	0.18	0.89	0.19	0.51
5+00N 13+00E	-0.1	0.3	-0.01	-0.2	0.107	-0.5	499	-3	4.74	25.3	1.0	0.76	0.05	3.17	6.57	0.98	4.30	0.96	0.55	0.90	0.16	0.89	0.18	0.47
5+00N 13+50E	-0.1	0.8	-0.01	-0.2	0.414	-0.5	226	-3	13.2	32.8	0.7	0.66	0.06	7.60	13.7	2.31	11.0	2.41	0.63	2.08	0.38	2.16	0.46	1.34
5+00N 14+00E	-0.1	1.1	-0.01	0.3	0.110	-0.5	599	-3	3.76	33.4	1.1	1.21	0.06	3.41	11.6	1.12	4.67	1.06	0.38	0.92	0.16	0.82	0.17	0.42
5+00N 14+50E	-0.1	0.5	-0.01	-0.2	0.148	-0.5	349	-3	2.18	12.3	0.5	0.41	0.04	1.76	5.05	0.55	2.42	0.53	0.59	0.54	0.07	0.48	0.09	0.22
5+00N 15+00E	0.2	1.2	0.03	0.5	0.157	2.6	543	-3	2.08	10.2	0.6	0.34	0.04	2.25	5.92	0.54	1.96	0.48	0.62	0.44	0.10	0.35	0.10	0.24
5+00N 15+50E	0.1	1.7	0.04	-0.2	0.117	2.3	397	-3	7.19	22.7	0.8	0.76	0.06	4.43	9.33	1.62	7.83	1.79	0.59	1.61	0.29	1.49	0.30	0.90
5+00N 16+00E	0.1	1.7	0.03	0.2	0.146	3.0	259	-3	12.4	26.4	0.6	0.94	0.07	6.89	17.4	2.49	11.1	2.53	0.79	2.40	0.42	2.22	0.47	1.47
5+00N 16+50E	0.1	0.5	0.03	0.3	0.073	2.5	449	-3	1.94	9.5	0.7	0.38	0.05	1.60	3.76	0.54	2.00	0.49	0.23	0.42	0.09	0.32	0.08	0.21
5+00N 17+00E	-0.1	0.1	0.04	-0.2	0.087	2.8	250	-3	10.7	15.9	0.6	0.48	0.07	5.67	10.2	1.96	8.88	1.90	0.57	1.85	0.32	1.83	0.37	1.10
5+00N 17+50E	-0.1	0.5	0.02	-0.2	0.158	1.8	322	-3	11.0	32.8	0.7	1.17	0.06	7.66	15.5	2.68	11.8	2.69	0.79	2.23	0.42	2.15	0.45	1.29
5+00N 18+00E	-0.1	0.2	0.03	-0.2	0.093	2.0	179	-3	16.0	20.6	0.4	0.62	0.06	9.39	11.8	3.37	14.9	3.27	0.84	2.81	0.47	2.54	0.57	1.75
5+00N 18+50E	-0.1	0.4	0.03	-0.2	0.237	1.1	332	-3	19.9	54.2	0.9	1.62	0.07	11.7	22.1	4.64	20.3	4.90	1.32	4.13	0.70	3.77	0.80	2.32
5+00N 19+00E	-0.1	0.1	0.02	-0.2	0.137	1.8	246	-3	22.5	37.6	0.6	1.11	0.06	15.1	19.9	5.42	23.9	5.17	1.40	4.71	0.77	3.80	0.81	2.35
5+00N 19+50E	-0.1	0.7	0.02	-0.2	0.190	0.8	616	-3	2.96	13.3	1.0	0.49	0.06	2.93	5.82	0.83	3.44	0.64	0.47	0.76	0.11	0.64	0.14	0.33
5+00N 20+00E	-0.1	0.9	0.02	-0.2	0.184	0.6	519	-3	4.94	26.2	1.0	0.79	0.04	3.73	7.43	1.34	5.76	1.27	0.57	1.16	0.19	1.03	0.21	0.64
5+00N 20+50E	-0.1	0.6	0.04	-0.2	0.125	1.4	378	-3	8.19	23.8	0.8	0.76	0.07	5.92	13.9	2.06	8.35	1.85	0.55	1.53	0.27	1.60	0.33	0.96
5+00N 21+00E	-0.1	0.2	0.02	-0.2	0.132	1.1	218	-3	12.3	15.0	0.5	0.45	0.06	7.87	10.5	2.62	12.1	2.71	0.70	2.26	0.41	2.11	0.44	1.29
5+00N 21+50E	-0.1	-0.1	-0.01	-0.2	0.096	1.1	162	-3	9.82	15.0	0.3	0.36	0.04	5.09	6.27	1.77	7.87	1.75	0.50	1.65	0.30	1.50	0.32	1.03
5+00N 22+00E	-0.1	0.2	0.02	-0.2	0.241	0.8	210	-3	10.5	23.7	0.6	0.72	0.06	7.36	11.7	2.63	10.7	2.37	0.64	2.10	0.34	1.88	0.36	1.14
5+00N 22+50E	-0.1	0.3	-0.01	-0.2	0.155	0.8	416	-3	3.84	20.3	0.9	0.68	0.05	3.66	9.07	1.15	4.76	0.94	0.35	0.85	0.15	0.74	0.14	0.48
5+00N 23+00E	-0.1	-0.1	0.01	-0.2	0.136	0.7	246	-3	13.1	26.3	0.6	0.67	0.06	8.85	12.5	3.09	14.5	3.06	0.86	2.64	0.47	2.34	0.48	1.42

Enzyme Leach Job #: A03-1541
Trace element values are in parts per bill
Values = 999999 are greater than the

Enhanced Package:	*Chalcophile Association Indicators:*						*High-Field Strength Elements:*							*Rare Earth Elements:*									
Sample ID:	Ag	Cd	In	Sn	Tl	Bi	S.Q. Tl	S.Q. Cr	Y	Zr	Nb	Hf	Ta	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er
5+00N 23+50E	-0.1	0.2	-0.01	-0.2	0.152	0.7	267	-3	7.32	17.4	0.7	0.59	0.06	5.56	13.8	1.95	8.20	1.78	0.50	1.40	0.24	1.34	0.29	0.82
5+00N 24+00E	-0.1	0.2	-0.01	-0.2	0.182	0.6	281	-3	9.90	32.3	0.7	0.95	0.07	6.79	15.3	2.36	10.4	2.33	0.64	2.02	0.36	1.91	0.43	1.18
5+00N 24+50E	-0.1	0.2	0.01	-0.2	0.097	0.7	303	-3	3.43	14.1	0.6	0.58	0.05	3.31	7.05	1.01	3.78	1.04	0.33	0.73	0.13	0.70	0.14	0.43
2+50N 2+50E	-0.1	1.7	0.01	0.2	0.206	0.6	423	9	24.8	69.9	1.0	1.96	0.09	15.5	25.0	5.56	24.6	5.25	1.48	4.42	0.87	4.58	0.94	2.90
2+50N 3+00E	-0.1	0.4	0.01	-0.2	0.098	-0.5	311	-3	17.1	35.7	0.5	0.96	0.07	15.2	18.9	5.17	22.4	4.58	1.15	3.91	0.64	3.38	0.66	1.92
2+50N 3+50E	-0.1	1.0	0.01	-0.2	0.079	0.5	225	-3	4.10	15.7	0.6	0.78	0.05	3.58	10.2	1.17	4.59	0.99	0.29	0.99	0.17	0.86	0.18	0.50
2+50N 4+00E	-0.1	0.4	-0.01	-0.2	0.233	0.5	254	-3	3.64	22.9	0.5	0.76	0.05	4.35	11.2	1.42	5.68	1.25	0.39	1.03	0.16	0.93	0.18	0.48
2+50N 4+50E	-0.1	0.5	0.01	-0.2	0.345	-0.5	266	-3	10.7	38.2	0.7	1.19	0.05	9.64	21.6	3.40	14.1	3.18	0.80	2.54	0.44	2.24	0.47	1.35
2+50N 5+00E	-0.1	1.5	0.02	-0.2	0.110	0.6	248	-3	17.8	19.7	0.6	0.51	0.06	10.5	12.2	3.22	15.3	3.39	0.91	2.90	0.53	2.89	0.63	1.85
2+50N 5+50E	-0.1	0.8	-0.01	-0.2	0.118	-0.5	521	-3	5.04	25.5	1.1	0.74	0.05	4.06	11.3	1.35	5.87	1.30	0.49	1.13	0.21	1.08	0.22	0.67
2+50N 6+00E	-0.1	0.5	0.02	-0.2	0.112	0.7	287	-3	5.14	6.5	0.7	0.19	0.07	3.41	8.73	1.05	4.35	1.11	0.31	0.98	0.17	0.91	0.19	0.56
2+50N 6+50E	-0.1	0.8	0.02	-0.2	0.093	-0.5	621	-3	3.65	14.9	1.4	0.46	0.08	2.33	5.48	0.72	3.24	0.70	0.34	0.62	0.12	0.65	0.13	0.44
2+50N 7+00E	-0.1	1.9	0.02	0.4	0.193	0.7	833	22	13.6	43.8	2.0	1.35	0.14	7.90	16.7	2.72	12.5	2.63	0.91	2.63	0.45	2.46	0.54	1.54
2+50N 7+50E	-0.1	0.5	-0.01	-0.2	0.079	-0.5	460	-3	9.45	21.0	0.9	0.70	0.06	6.16	11.3	2.19	9.49	2.34	0.68	2.05	0.36	1.96	0.38	1.19
2+50N 8+00E	-0.1	0.4	-0.01	0.2	0.179	-0.5	396	-3	16.5	34.8	1.0	1.15	0.07	8.43	23.5	3.38	15.9	3.65	1.07	3.24	0.60	3.16	0.67	1.99
2+50N 8+50E	-0.1	0.5	-0.01	-0.2	0.163	-0.5	328	-3	19.6	32.7	0.7	1.06	0.07	10.8	22.8	3.99	17.3	4.12	1.13	3.44	0.61	3.48	0.76	2.13
2+50N 9+00E	-0.1	0.3	-0.01	-0.2	0.187	-0.5	395	-3	14.0	40.6	0.8	1.36	0.07	8.07	25.3	3.19	13.7	3.36	0.97	2.92	0.54	2.90	0.65	1.79
2+50N 9+50E	-0.1	0.3	-0.01	-0.2	0.183	-0.5	650	-3	3.75	15.5	1.3	0.50	0.04	3.02	7.49	1.05	4.55	1.08	0.51	0.89	0.17	0.90	0.19	0.51
2+50N 10+00E	-0.1	0.4	0.01	-0.2	0.151	-0.5	611	15	6.06	20.4	0.9	0.70	0.05	3.83	10.4	1.26	5.64	1.30	0.54	1.20	0.21	1.14	0.24	0.72
2+50N 10+50E	-0.1	0.7	0.01	-0.2	0.144	-0.5	959	-3	7.35	26.8	2.0	0.89	0.08	5.35	11.4	1.99	8.86	2.13	0.76	1.74	0.31	1.64	0.31	0.94
2+50N 11+00E	-0.1	0.7	-0.01	0.2	0.115	-0.5	1310	-3	2.17	16.0	2.0	0.53	0.05	1.84	4.08	0.58	2.39	0.62	0.62	0.50	0.08	0.52	0.10	0.28
2+50N 11+50E	-0.1	1.8	0.02	-0.2	0.116	-0.5	851	-3	4.32	20.5	1.2	0.69	0.04	3.37	10.4	1.04	4.37	1.01	0.91	0.96	0.18	0.98	0.18	0.53
2+50N 12+00E	-0.1	0.9	0.02	-0.2	0.137	-0.5	375	-3	13.1	29.3	0.8	0.84	0.04	6.91	14.2	2.49	11.0	2.63	0.76	2.30	0.42	2.41	0.50	1.43
2+50N 12+50E	-0.1	1.0	-0.01	-0.2	0.180	-0.5	511	-3	3.37	22.3	0.9	0.68	0.05	2.66	11.6	0.89	3.59	0.74	0.58	0.80	0.13	0.69	0.17	0.44
2+50N 13+00E	-0.1	1.3	0.01	-0.2	0.145	-0.5	969	-3	22.9	45.5	1.7	1.34	0.07	15.4	32.6	4.94	22.2	4.75	1.76	4.56	0.81	4.44	0.87	2.51
2+50N 13+50E	-0.1	0.8	0.01	0.2	0.097	-0.5	737	-3	7.83	23.6	1.2	0.78	0.06	5.90	13.5	1.72	6.99	1.52	0.80	1.54	0.29	1.59	0.28	0.82
2+50N 14+00E	-0.1	1.2	-0.01	-0.2	0.083	-0.5	1000	-3	5.38	22.9	2.2	0.86	0.08	4.11	7.49	1.26	5.70	1.12	0.65	1.10	0.19	1.09	0.22	0.64
2+50N 14+50E	-0.1	1.1	-0.01	0.2	0.129	-0.5	693	-3	3.66	27.2	1.2	0.93	0.05	2.98	9.12	1.02	4.17	0.91	0.44	0.88	0.16	0.79	0.15	0.49
2+50N 15+00E	-0.1	2.0	0.02	-0.2	0.104	-0.5	709	-3	2.33	19.7	1.0	0.74	0.05	2.05	5.64	0.58	2.29	0.56	0.54	0.53	0.11	0.51	0.11	0.28
2+50N 15+50E	-0.1	0.8	-0.01	-0.2	0.063	-0.5	868	-3	1.73	23.9	1.6	0.75	0.07	1.98	5.29	0.53	2.09	0.42	0.26	0.43	0.09	0.34	0.09	0.21
2+50N 16+00E	-0.1	1.5	0.03	-0.2	0.064	-0.5	1310	-3	1.78	14.3	2.1	0.55	0.09	1.53	3.59	0.46	1.96	0.61	0.40	0.39	0.08	0.44	0.09	0.20
2+50N 16+50E	-0.1	0.4	0.01	-0.2	0.089	-0.5	573	-3	3.52	26.3	1.6	0.90	0.08	2.33	5.30	0.80	3.87	0.82	0.31	0.83	0.14	0.73	0.14	0.42
2+50N 17+00E	-0.1	0.6	0.07	0.5	0.165	4.0	657	13	4.22	27.0	1.7	0.69	0.08	2.60	6.81	0.92	4.05	0.94	0.36	0.79	0.18	0.66	0.17	0.43
2+50N 17+50E	-0.1	0.2	0.03	0.2	0.181	2.5	404	-3	15.6	64.2	1.2	1.65	0.08	8.16	16.9	3.32	15.1	3.64	1.02	3.11	0.59	3.20	0.61	1.93
2+50N 18+00E	-0.1	0.3	0.06	0.2	0.115	3.1	522	-3	17.1	56.7	1.4	1.73	0.09	12.1	21.9	4.29	20.5	4.62	1.18	3.77	0.67	3.48	0.67	2.05
2+50N 18+50E	-0.1	0.1	0.05	0.2	0.197	2.6	387	-3	15.6	45.0	1.1	1.35	0.07	11.3	19.5	4.00	18.4	4.10	1.10	3.25	0.58	3.04	0.61	1.82
2+50N 19+00E	-0.1	-0.1	0.03	-0.2	0.228	1.4	359	-3	17.1	59.8	0.9	1.65	0.06	11.3	19.8	4.46	21.9	4.73	1.24	4.06	0.73	3.76	0.70	2.07
2+50N 19+50E	-0.1	0.8	0.04	0.2	0.131	1.3	601	10	7.76	28.7	1.4	0.89	0.07	5.79	17.1	2.14	9.56	2.23	0.72	1.84	0.33	1.68	0.37	0.95
0+40S 18+50E	-0.1	0.4	0.04	0.4	0.118	1.7	632	-3	11.0	38.1	2.2	0.94	0.11	10.2	26.2	3.65	17.1	3.51	0.86	2.81	0.47	2.18	0.45	1.28
0+40S 19+00E	-0.1	-0.1	0.03	0.3	0.195	0.9	585	20	25.7	47.7	2.2	1.07	0.10	15.3	40.7	6.13	30.7	6.87	1.73	5.99	0.95	4.87	1.04	2.96
0+50S 3+50E	-0.1	1.5	0.05	-0.2	0.118	1.2	803	-3	3.60	12.0	0.9	0.43	0.06	2.94	6.73	0.89	3.83	0.99	0.70	0.85	0.13	0.78	0.15	0.37
0+50S 4+00E	-0.1	1.6	0.04	0.2	0.127	1.9	418	5	2.25	12.8	0.6	0.45	0.08	1.93	9.07	0.56	2.35	0.48	0.30	0.51	0.10	0.54	0.11	0.26
0+50S 4+50E	-0.1	2.7	0.03	-0.2	0.134	1.4	339	9	22.4	41.7	0.9	0.91	0.07	13.0	12.6	4.28	20.4	4.47	1.12	3.80	0.70	3.65	0.74	2.06
0+50S 5+00E	-0.1	0.5	0.02	-0.2	0.138	0.8	317	-3	51.8	42.2	0.7	0.81	0.07	23.8	38.7	9.47	48.5	11.0	2.54	9.36	1.66	8.64	1.85	5.59
0+50S 5+50E	-0.1	1.2	0.02	-0.2	0.144	0.7	462	-3	21.9	43.5	0.8	0.91	0.05	10.9	19.1	4.25	21.0	4.99	1.43	4.17	0.76	4.12	0.88	2.48
0+50S 6+00E	-0.1	0.2	0.04	-0.2	0.081	0.7	301	-3	5.27	9.5	0.5	0.31	0.05	3.25	5.83	1.02	4.48	1.04	0.43	0.95	0.18	0.94	0.19	0.48
0+50S 6+50E	-0.1	1.8	0.04	-0.2	0.047	0.7	502	-3	4.68	9.7	0.7	0.34	0.06	3.21	4.81	1.03	4.91	1.28	0.39	0.93	0.17	0.90	0.19	0.56
0+50S 7+00E	-0.1	-0.1	0.01	-0.2	0.078	0.8	192	-3	9.61	15.5	0.3	0.45	0.06	5.24	5.55	1.82	8.74	2.04	0.59	1.74	0.34	1.70	0.36	1.10
0+50S 7+50E	-0.1	0.4	0.02	-0.2	0.105	-0.5	307	-3	3.11	11.1	0.5	0.38	0.05	2.72	6.45	0.84	3.51	0.86	0.41	0.77	0.14	0.69	0.14	0.37
0+50S 8+00E	-0.1	-0.1	0.02	-0.2	0.063	0.7	259	-3	1.74	7.6	0.4	0.27	0.04	1.29	3.59	0.40	1.81	0.47	0.18	0.43	0.08	0.39	0.07	0.22
0+50S 8+50E	-0.1	0.3	0.03	-0.2	0.070	0.7	349	-3	9.10	25.3	0.7	0.75	0.04	5.72	16.0	2.15	9.89	2.30	0.73	1.91	0.39	1.80	0.39	1.14
0+50S 9+00E	-0.1	0.4	0.03	-0.2	0.070	0.5	437	-3	2.39	9.2	0.8	0.28	0.05	2.09	5.03	0.63	2.58	0.53	0.22	0.56	0.11	0.57	0.10	0.31
0+50S 9+50E	-0.1	1.0	0.03	-0.2	0.063	-0.5	606	-3	1.41	7.9	0.9	0.21	0.05	1.12	2.67	0.31	1.46	0.32	0.28	0.32	0.05	0.22	0.07	0.15
0+50S 10+00E	-0.1	1.8	0.04	-0.2	0.082	0.8	524	16	41.7	52.5	1.0	1.24	0.07	21.5	41.7	8.00	37.7	8.86	2.23	7.67	1.41	7.30	1.51	4.44
0+50S 10+50E	-0.1	0.7	0.02	-0.2	0.040	-0.5	741	-3	3.74	13.8	1.2	0.46	0.05	2.96	6.14	0.87	3.93	0.91	0.46	0.75	0.13	0.74	0.14	0.39
0+50S 11+00E	-0.1	1.3	0.02	-0.2	0.120	0.6	312	-3	10.6	30.4	0.5	0.95	0.05	6.57	12.3	2.39	11.1	2.48	0.64	2.11	0.39	1.90	0.42	1.16
0+50S 11+50E	-0.1	0.6	0.03	1.8	0.051	-0.5	434	-3	2.26	10.1	0.7	0.31	0.04	1.76	4.30	0.56	2.43	0.60	0.34	0.43	0.10	0.53	0.10	0.25
0+50S 12+00E	-0.1	-0.1	0.02	-0.2	0.068	0.5	330	-3	11.6	25.3	0.5	0.70	0.05	6.05	14.9	2.31	10.4	2.53	0.67	2.36	0.43	2.19	0.45	1.38
0+50S 12+50E	-0.1	-0.1	0.02	-0.2	0.092	-0.5	392	-3	2.58	13.7	0.7	0.53	0.05	1.84	7.44	0.64	2.68	0.62	0.33	0.59	0.11	0.53	0.10	0.31
0+50S 13+00E	-0.1	0.7	0.02	-0.2	0.058	-0.5	705	-3	7.18	28.5	1.6	0.95	0.07	5.34	15.2	2.00	9.08	2.11	0.60	1.81	0.30	1.60	0.31	0.87
0+50S 13+50E	-0.1	0.2	0.03	-0.2	0.130	0.9	665	-3	7.78	19.4	1.0	0.71	0.06	6.42	16.8	2.24	10.0	2.23	0.62	1.85	0.34	1.71	0.32	0.93
0+50S 14+00E	-0.1	0.3	0.02	-0.2	0.005	-0.5	305	15	41.2	103	1.5	1.28	0.08	17.2	34.7	6.55	31.7	7.12	1.93	6.61	1.19	7.08	1.53	4.79
0+50S 14+50E	-0.1	0.1	0.03	-0.2	0.087	-0.5	229	4	30.9	29.8	0.7	0.82	0.07	18.3	19.7	6.24	29.7	6.29	1.51	5.48	0.90	4.80	1.01	2.96

Enzyme Leach Job #: A03-1541
Trace element values are in parts per bill
Values = 999999 are greater than the

Enhanced Package:	*Chalcophile Association Indicators:*						*High-Field Strength Elements:*							*Rare Earth Elements:*								
Sample ID:	Ag	Cd	In	Sn	Tl	Bi	S.Q. Tl	S.Q. Cr	Y	Zr	Nb	Hf	Ta	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er
0+50S 15+00E	-0.1	-0.1	0.03	-0.2	0.033	-0.5	297	-3	18.1	28.3	0.7	0.90	0.06	12.9	20.2	4.31	19.1	4.25	1.12	3.67	0.65	3.33	0.68	1.93
0+50S 15+50E	-0.1	0.7	-0.01	-0.2	0.110	-0.5	440	-3	4.73	23.0	0.9	0.68	0.05	4.35	10.5	1.35	5.86	1.25	0.71	1.11	0.20	1.09	0.19	0.61
0+50S 16+00E	-0.1	0.2	0.03	-0.2	0.050	-0.5	384	-3	3.75	13.8	0.6	0.41	0.04	3.12	8.88	1.00	4.41	0.97	0.45	0.80	0.16	0.71	0.13	0.38
0+50S 16+50E	-0.1	0.7	0.02	0.4	0.045	-0.5	483	-3	2.74	12.8	0.8	0.47	0.04	2.06	6.38	0.64	2.80	0.70	0.38	0.67	0.10	0.49	0.10	0.30
0+50S 17+00E	-0.1	0.8	0.02	-0.2	0.048	-0.5	427	-3	3.75	20.1	1.0	0.63	0.04	3.08	7.78	1.11	4.77	1.08	0.42	0.90	0.16	0.85	0.16	0.49
0+50S 17+50E	-0.1	0.6	0.02	-0.2	0.066	-0.5	399	-3	5.06	19.0	0.9	0.52	0.05	3.65	9.74	1.29	5.68	1.27	0.43	1.11	0.20	1.00	0.21	0.57
0+50S 18+00E	-0.1	-0.1	0.02	-0.2	0.096	-0.5	299	-3	16.1	19.2	1.3	0.34	0.08	8.78	14.9	3.14	15.1	3.36	0.85	2.85	0.52	2.84	0.56	1.71
0+50S 19+50E	-0.1	0.1	0.04	0.3	0.057	1.2	317	-3	7.10	9.2	0.8	0.30	0.07	4.85	15.2	1.50	6.58	1.45	0.43	1.51	0.25	1.18	0.25	0.70
0+50S 20+00E	-0.1	0.4	0.02	0.3	0.040	-0.5	585	-3	2.68	11.1	1.2	0.36	0.06	2.41	6.71	0.68	3.00	0.59	0.29	0.57	0.10	0.49	0.10	0.29
0+50S 20+50E	-0.1	0.1	0.03	-0.2	0.121	-0.5	377	-3	4.94	22.8	0.7	0.72	0.05	4.11	10.2	1.40	5.99	1.38	0.50	1.14	0.21	1.06	0.21	0.56

Enzyme Leach Job #: A03-1541
Trace element values are in parts per bill
Values = 999999 are greater than the

Enhanced Package:

				Lithophile Elements:								*P.G.E.s:*			
Sample ID:	Tm	Yb	Lu	S.Q. Li	Be	S.Q. Sc	Mn	Rb	Sr	Cs	Ba	Ru	Pd	Os	Pt
15+00N 7+00E	0.08	0.51	0.08	2.9	1.4	-10	948	36.4	1160	0.11	1420	-0.5	-0.5	-0.5	-0.5
15+00N 7+50E	0.03	0.19	0.04	2.1	0.7	-10	1150	28.9	950	0.09	1600	-0.5	-0.5	-0.5	-0.5
15+00N 8+00E	0.03	0.15	0.03	3.3	0.3	-10	12400	21.3	696	0.04	911	-0.5	-0.5	-0.5	-0.5
15+00N 8+50E	0.03	0.14	0.03	0.7	0.2	-10	3570	17.8	1260	0.01	628	-0.5	-0.5	-0.5	-0.5
15+00N 9+00E	0.05	0.35	0.06	2.1	0.8	-10	4100	10.3	888	0.04	664	-0.5	-0.5	-0.5	-0.5
15+00N 9+50E	0.06	0.29	0.06	3.8	0.4	-10	3590	10.3	1010	0.01	273	-0.5	-0.5	-0.5	-0.5
15+00N 10+00E	0.07	0.44	0.07	7.5	0.3	-10	4300	7.0	1310	-0.01	229	-0.5	-0.5	-0.5	-0.5
15+00N 10+50E	0.25	1.88	0.31	22.2	0.7	-10	2810	11.8	826	0.06	300	-0.5	-0.5	-0.5	-0.5
15+00N 11+00E	0.18	1.24	0.22	8.2	0.9	-10	1580	44.9	1020	0.16	582	-0.5	-0.5	-0.5	-0.5
15+00N 11+50E	0.08	0.48	0.08	2.7	1.4	-10	6120	53.6	2690	0.21	1070	-0.5	-0.5	-0.5	-0.5
15+00N 12+00E	0.08	0.52	0.09	4.3	0.5	-10	3960	17.8	664	0.17	446	-0.5	-0.5	-0.5	-0.5
15+00N 12+50E	0.09	0.58	0.10	6.5	0.4	-10	3820	32.6	786	0.16	452	-0.5	-0.5	-0.5	-0.5
15+00N 13+00E	0.12	0.71	0.13	4.0	0.4	-10	15100	8.9	765	0.04	516	-0.5	-0.5	-0.5	-0.5
15+00N 13+50E	0.08	0.45	0.08	0.6	0.6	-10	407	26.9	489	-0.01	390	-0.5	-0.5	-0.5	-0.5
15+00N 14+00E	0.19	1.35	0.23	1.7	1.3	-10	1080	27.4	1160	0.13	888	-0.5	-0.5	-0.5	-0.5
15+00N 14+50E	0.08	0.49	0.09	4.1	0.9	-10	2090	47.7	1010	0.19	795	-0.5	-0.5	-0.5	-0.5
15+00N 15+00E	0.05	0.32	0.06	3.5	0.6	-10	4230	36.9	1200	0.07	1680	-0.5	-0.5	-0.5	-0.5
15+00N 15+50E	0.11	0.71	0.10	6.7	0.7	-10	9330	41.2	1610	0.05	1660	-0.5	-0.5	-0.5	-0.5
15+00N 16+00E	0.11	0.71	0.11	-0.5	0.6	-10	366	37.0	1590	0.15	495	-0.5	-0.5	-0.5	-0.5
15+00N 16+50E	0.12	0.81	0.12	9.6	0.4	-10	1830	10.7	1050	-0.01	263	-0.5	-0.5	-0.5	-0.5
15+00N 17+00E	0.16	1.19	0.20	6.3	0.4	-10	6210	17.4	940	0.02	487	-0.5	-0.5	-0.5	-0.5
15+00N 17+50E	0.14	0.95	0.16	6.9	0.4	-10	5400	11.2	1050	-0.01	595	-0.5	-0.5	-0.5	-0.5
15+00N 18+00E	0.17	1.26	0.20	6.1	1.0	-10	9610	8.7	967	0.04	960	-0.5	-0.5	-0.5	-0.5
15+00N 18+50E	0.14	1.10	0.19	8.3	0.6	-10	3100	15.7	793	0.14	625	-0.5	-0.5	-0.5	-0.5
15+00N 19+00E	0.13	0.92	0.16	4.1	0.9	-10	7450	19.6	997	0.04	705	-0.5	-0.5	-0.5	-0.5
15+00N 19+50E	0.08	0.47	0.09	-0.5	1.2	-10	2680	23.3	1010	0.13	939	-0.5	-0.5	-0.5	-0.5
15+00N 20+00E	0.04	0.28	0.04	2.6	0.7	-10	1720	45.1	999	0.06	1010	-0.5	-0.5	-0.5	-0.5
15+00N 20+50E	0.03	0.15	0.03	7.8	1.0	-10	9750	62.8	1400	0.10	1820	-0.5	-0.5	-0.5	-0.5
15+00N 21+00E	0.03	0.13	0.02	16.6	1.4	-10	4170	48.2	1270	0.07	2040	-0.5	-0.5	-0.5	-0.5
15+00N 21+50E	0.11	0.72	0.11	1.6	0.6	-10	4200	26.8	1150	0.02	799	-0.5	-0.5	-0.5	-0.5
15+00N 22+00E	0.06	0.43	0.08	1.8	0.9	-10	2580	39.9	875	0.06	804	-0.5	-0.5	-0.5	-0.5
15+00N 22+50E	0.05	0.32	0.04	2.0	0.5	-10	3560	15.4	780	0.01	710	-0.5	-0.5	-0.5	-0.5
15+00N 23+00E	0.17	1.23	0.19	5.3	0.6	10	5500	23.9	1350	0.01	440	-0.5	-0.5	-0.5	-0.5
15+00N 23+50E	0.14	1.12	0.17	32.6	0.5	-10	2940	15.6	1070	0.03	619	-0.5	-0.5	-0.5	-0.5
15+00N 24+00E	0.15	1.05	0.18	12.1	0.4	12	4500	23.5	1440	0.03	563	-0.5	-0.5	-0.5	-0.5
15+00N 24+50E	0.09	0.59	0.09	3.4	0.7	-10	12300	64.9	1200	0.16	970	-0.5	-0.5	-0.5	-0.5
12+50N 7+00E	0.13	0.80	0.15	28.1	0.3	-10	3250	19.4	1500	0.01	273	-0.5	-0.5	-0.5	-0.5
12+50N 7+50E	0.09	0.59	0.10	3.6	0.6	-10	5920	24.0	1780	-0.01	594	-0.5	-0.5	-0.5	-0.5
12+50N 8+00E	0.15	1.15	0.21	6.1	0.5	-10	3650	12.4	1680	-0.01	308	-0.5	-0.5	-0.5	-0.5
12+50N 8+50E	0.08	0.54	0.08	2.6	1.1	-10	3460	15.3	1010	0.02	906	-0.5	-0.5	-0.5	-0.5
12+50N 9+00E	0.10	0.63	0.11	16.8	0.6	-10	497	10.2	1800	0.02	262	-0.5	-0.5	-0.5	-0.5
12+50N 9+50E	0.10	0.56	0.09	-0.5	0.6	-10	3770	31.3	1700	0.03	723	-0.5	-0.5	-0.5	-0.5
12+50N 10+00E	0.08	0.60	0.10	5.2	0.8	-10	6410	27.7	916	0.15	664	-0.5	-0.5	-0.5	-0.5
12+50N 10+50E	0.11	0.72	0.14	10.1	0.5	-10	5690	25.8	999	0.14	471	-0.5	-0.5	-0.5	-0.5
12+50N 11+00E	0.20	1.37	0.24	6.8	0.8	-10	7960	40.0	1790	0.17	541	-0.5	-0.5	-0.5	-0.5
12+50N 11+50E	0.14	0.96	0.15	5.8	1.3	-10	7790	43.6	1150	0.28	1470	-0.5	-0.5	-0.5	-0.5
12+50N 12+00E	0.06	0.43	0.05	4.4	0.8	-10	407	12.2	1600	0.03	814	-0.5	-0.5	-0.5	-0.5
12+50N 12+50E	0.06	0.47	0.07	2.7	0.3	-10	1920	35.6	1650	0.10	297	-0.5	-0.5	-0.5	-0.5
12+50N 13+00E	0.15	1.04	0.16	5.7	0.7	-10	2010	16.6	1690	0.04	630	-0.5	-0.5	-0.5	-0.5
12+50N 13+50E	0.03	0.19	0.04	21.4	0.7	-10	2230	36.8	1160	0.01	2280	-0.5	-0.5	-0.5	-0.5
12+50N 14+00E	0.04	0.29	0.05	16.7	1.5	-10	3280	48.8	1240	0.13	3140	-0.5	-0.5	-0.5	-0.5
12+50N 14+50E	0.04	0.21	0.04	10.9	0.6	-10	7080	42.9	1120	0.11	1100	-0.5	-0.5	-0.5	-0.5
12+50N 15+00E	0.09	0.62	0.11	4.5	1.2	-10	4800	82.7	1450	0.11	1760	-0.5	-0.5	-0.5	-0.5
12+50N 15+50E	0.03	0.20	0.03	10.4	1.1	-10	5770	32.3	846	0.06	2310	-0.5	-0.5	-0.5	-0.5
12+50N 16+00E	0.15	1.00	0.18	12.8	0.4	-10	4250	38.8	1440	0.05	907	-0.5	-0.5	-0.5	-0.5
12+50N 16+50E	0.03	0.10	0.02	5.9	1.1	-10	16600	37.1	1400	0.04	2240	-0.5	-0.5	-0.5	-0.5
12+50N 17+00E	0.08	0.57	0.09	3.2	0.6	-10	3760	45.8	1090	0.08	1320	-0.5	-0.5	-0.5	-0.5
12+50N 17+50E	0.02	0.14	0.02	12.6	1.8	-10	1600	30.5	1380	0.09	1970	-0.5	-0.5	-0.5	-0.5
12+50N 18+00E	0.03	0.18	0.03	6.3	1.0	-10	3290	40.1	1140	0.08	1940	-0.5	-0.5	-0.5	-0.5
12+50N 18+50E	0.10	0.59	0.08	4.0	1.4	-10	1200	50.7	946	0.11	2220	-0.5	-0.5	-0.5	-0.5
12+50N 19+00E	0.05	0.46	0.06	4.0	1.1	-10	1920	42.3	1070	0.06	1590	-0.5	-0.5	-0.5	-0.5
12+50N 19+50E	0.04	0.22	0.03	0.7	0.6	-10	2840	51.9	1110	0.09	1570	-0.5	-0.5	-0.5	-0.5
12+50N 20+00E	0.08	0.48	0.07	5.3	1.0	-10	4790	48.9	1240	0.09	1410	-0.5	-0.5	-0.5	-0.5

Enzyme Leach Job #: A03-1541
Trace element values are in parts per bill
Values = 999999 are greater than the \
Enhanced Package:

				Lithophile Elements:								*P.G.E.s:*			
Sample ID:	Tm	Yb	Lu	S.Q. Li	Be	S.Q. Sc	Mn	Rb	Sr	Cs	Ba	Ru	Pd	Os	Pt
12+50N 20+50E	0.11	0.79	0.13	12.3	0.6	-10	5480	26.8	1270	0.06	683	-0.5	-0.5	-0.5	-0.5
12+50N 21+00E	0.07	0.44	0.06	4.3	0.8	-10	1780	34.3	1120	0.05	552	-0.5	-0.5	-0.5	-0.5
12+50N 21+50E	0.04	0.25	0.05	40.2	0.3	-10	347	18.2	3120	-0.01	582	-0.5	-0.5	-0.5	-0.5
12+50N 22+00E	0.13	0.84	0.14	35.2	0.2	-10	370	12.4	1200	0.05	157	-0.5	-0.5	-0.5	-0.5
12+50N 22+50E	0.05	0.31	0.06	7.1	0.4	-10	2300	16.5	1430	0.03	482	-0.5	-0.5	-0.5	-0.5
12+50N 23+00E	0.21	1.59	0.24	13.9	0.5	-10	3470	22.9	1060	0.06	208	-0.5	-0.5	-0.5	-0.5
12+50N 23+50E	0.20	1.28	0.21	8.6	0.5	-10	3150	14.8	1490	-0.01	634	-0.5	-0.5	-0.5	-0.5
12+50N 24+00E	0.08	0.48	0.09	9.8	0.5	-10	2810	22.1	1460	-0.01	1060	-0.5	-0.5	-0.5	-0.5
12+50N 24+50E	0.19	1.41	0.20	37.0	0.5	-10	2400	33.4	1200	0.07	516	-0.5	-0.5	-0.5	-0.5
10+00N 5+50E	0.11	0.61	0.11	3.0	0.8	-10	4910	48.3	1700	0.15	1960	-0.5	-0.5	-0.5	-0.5
10+00N 6+00E	0.10	0.66	0.10	3.7	0.6	-10	6970	18.0	1490	-0.01	1670	-0.5	-0.5	-0.5	-0.5
10+00N 6+50E	0.04	0.25	0.04	0.8	0.4	-10	5260	24.2	1870	0.05	1490	-0.5	-0.5	-0.5	-0.5
10+00N 7+00E	0.05	0.38	0.06	0.7	0.2	-10	11700	23.0	1450	0.04	450	-0.5	-0.5	-0.5	-0.5
10+00N 7+50E	0.07	0.47	0.08	16.8	0.3	-10	4750	15.9	1500	0.11	128	-0.5	-0.5	-0.5	-0.5
10+00N 8+00E	0.18	1.61	0.24	11.1	0.8	-10	4410	27.8	1610	0.12	544	-0.5	-0.5	-0.5	-0.5
10+00N 8+50E	0.11	0.69	0.11	13.3	0.8	-10	10600	11.6	974	0.06	604	-0.5	-0.5	-0.5	-0.5
10+00N 9+00E	0.04	0.34	0.04	18.1	0.6	-10	8170	18.3	1070	0.05	449	-0.5	-0.5	-0.5	-0.5
10+00N 9+50E	0.17	1.16	0.20	12.0	0.5	-10	3840	27.3	1230	0.09	322	-0.5	-0.5	-0.5	-0.5
10+00N 10+00E	0.21	1.54	0.24	0.5	0.5	-10	6010	21.2	755	0.18	515	-0.5	-0.5	-0.5	-0.5
10+00N 10+50E	0.17	1.18	0.21	42.6	0.2	-10	3130	21.8	2150	0.07	208	-0.5	-0.5	-0.5	-0.5
10+00N 11+00E	0.48	3.10	0.55	12.2	1.1	-10	2640	8.7	1760	0.02	1440	-0.5	-0.5	-0.5	-0.5
10+00N 11+50E	0.09	0.58	0.08	3.0	1.2	-10	2090	55.6	1830	0.17	2870	-0.5	-0.5	-0.5	-0.5
10+00N 12+00E	0.16	1.07	0.19	9.3	0.6	-10	1690	21.0	1360	0.04	758	-0.5	-0.5	-0.5	-0.5
10+00N 12+50E	0.27	1.98	0.28	6.8	1.0	-10	3170	10.4	1330	0.07	1040	-0.5	-0.5	-0.5	-0.5
10+00N 13+00E	0.04	0.29	0.05	11.5	1.3	-10	13700	59.4	1130	0.10	3020	-0.5	-0.5	-0.5	-0.5
10+00N 13+50E	0.18	1.07	0.17	9.2	2.1	-10	5720	70.9	1430	0.15	2010	-0.5	-0.5	-0.5	-0.5
10+00N 14+00E	0.08	0.46	0.06	13.3	1.7	-10	1230	68.6	1150	0.30	1910	-0.5	-0.5	-0.5	-0.5
10+00N 14+50E	0.26	1.66	0.27	5.1	0.3	-10	1780	9.7	1130	0.04	675	-0.5	-0.5	-0.5	-0.5
10+00N 15+00E	0.17	1.01	0.17	9.8	0.8	-10	2590	61.7	1290	0.27	854	-0.5	-0.5	-0.5	-0.5
10+00N 15+50E	0.03	0.17	0.03	117.0	1.0	-10	2550	26.0	1030	0.10	757	-0.5	-0.5	-0.5	-0.5
10+00N 16+00E	0.04	0.25	0.03	11.6	0.7	-10	9550	44.3	1180	0.09	2550	-0.5	-0.5	-0.5	-0.5
10+00N 16+50E	0.05	0.35	0.06	5.6	0.7	-10	1040	47.5	1480	0.09	1510	-0.5	-0.5	-0.5	-0.5
10+00N 17+00E	0.02	0.15	0.03	6.9	0.7	-10	2730	37.4	1400	0.11	2310	-0.5	-0.5	-0.5	-0.5
10+00N 17+50E	0.03	0.23	0.03	16.6	0.3	-10	1610	6.0	1120	0.03	766	-0.5	-0.5	-0.5	-0.5
10+00N 18+00E	0.02	0.16	0.03	6.8	0.3	-10	2170	20.2	1140	0.02	1220	-0.5	-0.5	-0.5	-0.5
10+00N 18+50E	0.02	0.17	0.02	5.8	0.7	-10	264	34.2	1640	0.11	2110	-0.5	-0.5	-0.5	-0.5
10+00N 19+00E	0.04	0.25	0.03	1.7	0.3	-10	3730	29.1	1750	0.06	709	-0.5	-0.5	-0.5	-0.5
10+00N 19+50E	0.12	0.81	0.11	4.7	0.4	-10	2820	47.3	1600	0.05	535	-0.5	-0.5	-0.5	-0.5
10+00N 20+00E	0.14	1.09	0.19	12.6	0.3	-10	4170	40.3	1470	0.07	692	-0.5	-0.5	-0.5	-0.5
10+00N 20+50E	0.17	1.30	0.20	8.1	0.7	-10	1970	36.5	1110	0.04	1070	-0.5	-0.5	-0.5	-0.5
10+00N 21+00E	0.09	0.56	0.10	12.5	1.0	-10	325	51.5	1480	0.27	1900	-0.5	-0.5	-0.5	-0.5
10+00N 21+50E	0.12	0.86	0.15	6.0	0.7	-10	313	30.2	1030	0.07	1080	-0.5	-0.5	-0.5	-0.5
10+00N 22+00E	0.07	0.47	0.05	5.1	0.6	-10	755	25.3	969	0.05	1090	-0.5	-0.5	-0.5	-0.5
10+00N 22+50E	0.09	0.67	0.12	7.7	1.0	-10	5040	32.5	1190	0.05	1360	-0.5	-0.5	-0.5	-0.5
10+00N 23+00E	0.03	0.18	0.03	2.5	0.4	-10	4460	42.3	1930	0.05	719	-0.5	-0.5	-0.5	-0.5
10+00N 23+50E	0.07	0.51	0.07	3.3	0.3	-10	1830	32.2	1410	0.07	913	-0.5	-0.5	-0.5	-0.5
10+00N 24+00E	0.20	1.32	0.21	9.2	0.6	-10	14100	15.8	1480	0.01	806	-0.5	-0.5	-0.5	-0.5
10+00N 24+50E	0.08	0.59	0.08	5.1	0.9	-10	2840	80.0	1420	0.11	1650	-0.5	-0.5	-0.5	-0.5
7+50N 5+50E	0.19	1.36	0.24	10.3	0.2	-10	3660	3.2	993	-0.01	237	-0.5	-0.5	-0.5	-0.5
7+50N 6+00E	0.12	0.90	0.14	3.3	-0.1	-10	3510	15.1	2640	0.02	863	-0.5	-0.5	-0.5	-0.5
7+50N 6+50E	0.09	0.72	0.12	6.8	0.8	-10	8120	22.3	1110	0.11	719	-0.5	-0.5	-0.5	-0.5
7+50N 7+00E	0.27	1.91	0.28	8.3	0.3	-10	5570	19.8	1490	0.02	674	-0.5	-0.5	-0.5	-0.5
7+50N 7+50E	0.15	1.14	0.18	10.9	0.5	-10	3960	27.6	1350	0.07	620	-0.5	-0.5	-0.5	-0.5
7+50N 8+00E	0.30	2.07	0.41	21.2	0.3	-10	3300	33.5	2360	0.12	573	-0.5	-0.5	-0.5	-0.5
7+50N 8+50E	0.52	3.68	0.59	9.2	0.6	-10	2350	19.8	1060	0.06	393	-0.5	-0.5	-0.5	-0.5
7+50N 9+00E	0.49	3.22	0.52	19.0	0.6	-10	3010	14.3	1130	0.01	285	-0.5	-0.5	-0.5	-0.5
7+50N 9+50E	0.06	0.41	0.07	17.4	0.5	-10	7470	28.8	1500	0.06	610	-0.5	-0.5	-0.5	-0.5
7+50N 10+00E	0.04	0.26	0.04	4.3	1.1	-10	9770	34.5	1700	0.10	1790	-0.5	-0.5	-0.5	-0.5
7+50N 10+50E	1.08	7.59	1.16	21.1	2.4	18	1690	17.4	1640	0.05	994	-0.5	-0.5	-0.5	-0.5
7+50N 11+00E	0.11	0.76	0.11	8.6	2.0	-10	7510	61.2	1170	0.20	4070	-0.5	-0.5	-0.5	-0.5
7+50N 11+50E	0.03	0.19	0.03	15.6	1.4	-10	8520	66.3	1000	0.12	4060	-0.5	-0.5	-0.5	-0.5
7+50N 12+00E	0.08	0.62	0.09	1.7	1.8	-10	3000	53.5	1280	0.13	5330	-0.5	-0.5	-0.5	-0.5
7+50N 12+50E	0.08	0.56	0.08	1.7	0.7	-10	1600	46.4	1540	0.08	1450	-0.5	-0.5	-0.5	-0.5

Enzyme Leach Job #: A03-1541
Trace element values are in parts per bill
Values = 999999 are greater than the
Enhanced Package:

				Lithophile Elements:								*P.G.E.s:*			
Sample ID:	Tm	Yb	Lu	S.Q. Li	Be	S.Q. Sc	Mn	Rb	Sr	Cs	Ba	Ru	Pd	Os	Pt
7+50N 13+00E	0.15	0.99	0.16	4.0	0.6	-10	538	23.2	1550	0.03	2180	-0.5	-0.5	-0.5	-0.5
7+50N 13+50E	0.05	0.37	0.07	13.7	0.6	-10	3290	72.7	1220	0.09	2930	-0.5	-0.5	-0.5	-0.5
7+50N 14+00E	0.03	0.24	0.03	11.3	1.1	-10	49800	51.1	1060	0.08	2170	-0.5	-0.5	-0.5	-0.5
7+50N 14+50E	0.13	0.77	0.11	4.1	1.3	-10	3390	87.0	2420	0.19	2580	-0.5	-0.5	-0.5	-0.5
7+50N 15+00E	0.56	3.78	0.64	54.1	1.1	-10	4180	54.0	2000	0.29	557	-0.5	-0.5	-0.5	-0.5
7+50N 15+50E	0.32	2.18	0.33	42.5	2.0	37	722	133	1560	0.80	933	-0.5	-0.5	-0.5	-0.5
7+50N 16+00E	0.38	2.49	0.40	17.2	1.4	11	1890	72.2	2640	0.13	926	-0.5	-0.5	-0.5	-0.5
7+50N 16+50E	0.32	2.26	0.37	11.5	2.8	-10	9770	9.5	1560	0.06	2280	-0.5	-0.5	-0.5	-0.5
7+50N 17+00E	0.15	0.99	0.17	6.9	1.9	-10	9480	48.1	2590	0.27	2920	-0.5	-0.5	-0.5	-0.5
7+50N 17+50E	0.14	0.90	0.15	4.0	0.9	-10	1850	29.3	2230	0.27	708	-0.5	-0.5	-0.5	-0.5
7+50N 18+00E	0.15	0.98	0.16	5.2	0.7	-10	1360	33.4	1980	0.06	1270	-0.5	-0.5	-0.5	-0.5
7+50N 18+50E	0.11	0.71	0.11	1.7	0.7	-10	4290	51.5	1040	0.03	346	-0.5	-0.5	-0.5	-0.5
7+50N 19+00E	0.11	0.76	0.13	5.3	1.0	-10	5340	46.6	1010	0.09	936	-0.5	-0.5	-0.5	-0.5
7+50N 19+50E	0.22	1.57	0.27	5.1	0.7	-10	7120	38.2	1340	0.10	1020	-0.5	-0.5	-0.5	-0.5
7+50N 20+00E	0.34	2.20	0.33	6.4	0.6	-10	2000	41.8	1280	0.10	626	-0.5	-0.5	-0.5	-0.5
7+50N 20+50E	0.22	1.53	0.26	9.4	0.3	-10	663	17.2	852	0.07	266	-0.5	-0.5	-0.5	-0.5
7+50N 21+00E	0.10	0.65	0.10	0.9	0.4	-10	1450	57.6	1130	0.16	701	-0.5	-0.5	-0.5	-0.5
7+50N 21+50E	0.15	0.92	0.16	5.8	0.4	-10	2090	39.3	1060	0.11	739	-0.5	-0.5	-0.5	-0.5
7+50N 22+00E	0.20	1.36	0.22	10.1	0.5	-10	4840	50.8	1390	0.07	1540	-0.5	-0.5	-0.5	-0.5
7+50N 22+50E	0.13	0.65	0.11	2.9	0.4	-10	1470	25.9	1250	0.04	853	-0.5	-0.5	-0.5	-0.5
7+50N 23+00E	0.15	1.02	0.15	8.0	0.3	-10	718	57.9	788	0.10	512	-0.5	-0.5	-0.5	-0.5
7+50N 23+50E	0.07	0.46	0.07	2.9	-0.1	-10	1810	34.5	1310	0.05	711	-0.5	-0.5	-0.5	-0.5
7+50N 24+00E	0.12	0.68	0.12	4.6	0.1	-10	3090	30.9	1790	0.11	749	-0.5	-0.5	-0.5	-0.5
7+50N 24+50E	0.19	1.34	0.22	14.8	0.4	-10	17600	46.8	1330	0.08	957	-0.5	-0.5	-0.5	-0.5
5+00N 4+00E	0.19	1.34	0.22	4.5	0.1	-10	1580	45.5	1120	0.14	410	-0.5	-0.5	-0.5	-0.5
5+00N 4+50E	0.04	0.21	0.04	0.8	0.3	-10	1940	61.2	1160	0.27	568	-0.5	-0.5	-0.5	-0.5
5+00N 5+00E	0.09	0.75	0.12	5.9	0.2	-10	7420	31.5	621	0.15	326	-0.5	-0.5	-0.5	-0.5
5+00N 5+50E	0.09	0.54	0.10	4.7	0.2	-10	6900	23.6	815	0.12	386	-0.5	-0.5	-0.5	-0.5
5+00N 6+00E	0.37	2.49	0.41	4.8	0.4	-10	632	9.2	901	0.03	242	-0.5	-0.5	-0.5	-0.5
5+00N 6+50E	0.09	0.50	0.08	11.1	-0.1	-10	2500	78.8	1800	0.47	284	-0.5	-0.5	-0.5	-0.5
5+00N 7+00E	0.25	1.64	0.24	11.3	0.4	-10	2000	37.0	822	0.11	396	-0.5	-0.5	-0.5	-0.5
5+00N 7+50E	0.17	0.95	0.15	6.9	-0.1	-10	1440	8.5	1760	0.05	212	-0.5	-0.5	-0.5	-0.5
5+00N 8+00E	0.03	0.16	0.03	7.5	0.3	-10	65500	21.8	1850	0.04	2240	-0.5	-0.5	-0.5	-0.5
5+00N 8+50E	0.06	0.47	0.07	4.3	1.1	-10	3480	51.4	1240	0.17	1470	-0.5	-0.5	-0.5	-0.5
5+00N 9+00E	0.12	0.85	0.15	9.1	0.7	-10	1660	40.5	1430	0.08	1420	-0.5	-0.5	-0.5	-0.5
5+00N 9+50E	0.13	0.88	0.14	14.2	0.9	-10	6090	38.4	1320	0.06	1160	-0.5	-0.5	-0.5	-0.5
5+00N 10+00E	0.15	1.02	0.17	8.7	0.3	-10	2110	21.8	1330	0.08	863	-0.5	-0.5	-0.5	-0.5
5+00N 10+50E	0.17	1.12	0.18	10.5	0.9	-10	7760	26.3	1630	0.05	1040	-0.5	-0.5	-0.5	-0.5
5+00N 11+00E	0.12	0.83	0.14	8.3	0.9	-10	4200	67.1	1090	0.10	1250	-0.5	-0.5	-0.5	-0.5
5+00N 11+50E	0.07	0.40	0.06	9.0	1.1	-10	1480	57.0	1200	0.22	2510	-0.5	-0.5	-0.5	-0.5
5+00N 12+00E	0.05	0.38	0.07	4.4	0.6	-10	3190	35.3	1370	0.05	1590	-0.5	-0.5	-0.5	-0.5
5+00N 12+50E	0.07	0.49	0.07	4.4	0.2	-10	1730	30.6	1470	0.04	825	-0.5	-0.5	-0.5	-0.5
5+00N 13+00E	0.08	0.54	0.07	3.5	0.7	-10	1500	34.2	2350	0.08	2450	-0.5	-0.5	-0.5	-0.5
5+00N 13+50E	0.19	1.40	0.21	35.1	0.9	-10	12300	29.0	1970	0.14	329	-0.5	-0.5	-0.5	-0.5
5+00N 14+00E	0.07	0.42	0.06	9.4	1.1	-10	1460	29.3	1320	0.05	940	-0.5	-0.5	-0.5	-0.5
5+00N 14+50E	0.04	0.26	0.03	4.2	1.2	-10	5670	60.4	1160	0.16	3830	-0.5	-0.5	-0.5	-0.5
5+00N 15+00E	0.04	0.23	0.05	13.9	2.2	-10	5760	23.3	466	0.06	3350	-0.5	-0.5	-0.5	-0.5
5+00N 15+50E	0.13	0.93	0.15	10.4	0.5	-10	1740	30.7	1100	0.06	844	-0.5	-0.5	-0.5	-0.5
5+00N 16+00E	0.21	1.36	0.24	6.9	0.8	-10	10500	16.2	1170	0.03	745	-0.5	-0.5	-0.5	-0.5
5+00N 16+50E	0.04	0.22	0.04	6.4	0.6	-10	1920	29.0	1130	0.06	668	-0.5	-0.5	-0.5	-0.5
5+00N 17+00E	0.18	1.08	0.17	13.1	0.3	-10	3130	17.5	1240	0.02	343	-0.5	-0.5	-0.5	-0.5
5+00N 17+50E	0.20	1.30	0.21	3.5	1.0	-10	1800	38.8	1330	0.08	1340	-0.5	-0.5	-0.5	-0.5
5+00N 18+00E	0.25	1.66	0.27	17.5	0.2	-10	1030	22.4	1250	0.02	327	-0.5	-0.5	-0.5	-0.5
5+00N 18+50E	0.33	2.30	0.36	18.5	1.3	-10	464	67.1	1050	0.14	753	-0.5	-0.5	-0.5	-0.5
5+00N 19+00E	0.34	2.19	0.39	18.1	0.6	-10	359	35.9	1570	0.06	473	-0.5	-0.5	-0.5	-0.5
5+00N 19+50E	0.05	0.33	0.04	9.6	0.8	-10	2110	107	1120	0.15	1810	-0.5	-0.5	-0.5	-0.5
5+00N 20+00E	0.09	0.63	0.10	3.6	0.9	-10	4250	60.6	1740	0.15	2010	-0.5	-0.5	-0.5	-0.5
5+00N 20+50E	0.12	0.85	0.13	4.0	0.5	-10	8330	29.4	1790	0.04	1020	-0.5	-0.5	-0.5	-0.5
5+00N 21+00E	0.18	1.30	0.18	9.3	0.4	-10	1580	30.9	1190	0.04	333	-0.5	-0.5	-0.5	-0.5
5+00N 21+50E	0.15	1.02	0.16	10.7	0.2	-10	1410	24.9	1030	0.03	301	-0.5	-0.5	-0.5	-0.5
5+00N 22+00E	0.16	1.04	0.19	9.1	0.3	-10	2000	68.3	1060	0.12	659	-0.5	-0.5	-0.5	-0.5
5+00N 22+50E	0.06	0.39	0.06	2.3	0.4	-10	2240	105	1610	0.09	826	-0.5	-0.5	-0.5	-0.5
5+00N 23+00E	0.20	1.31	0.22	17.0	0.3	-10	400	54.3	1150	0.16	353	-0.5	-0.5	-0.5	-0.5

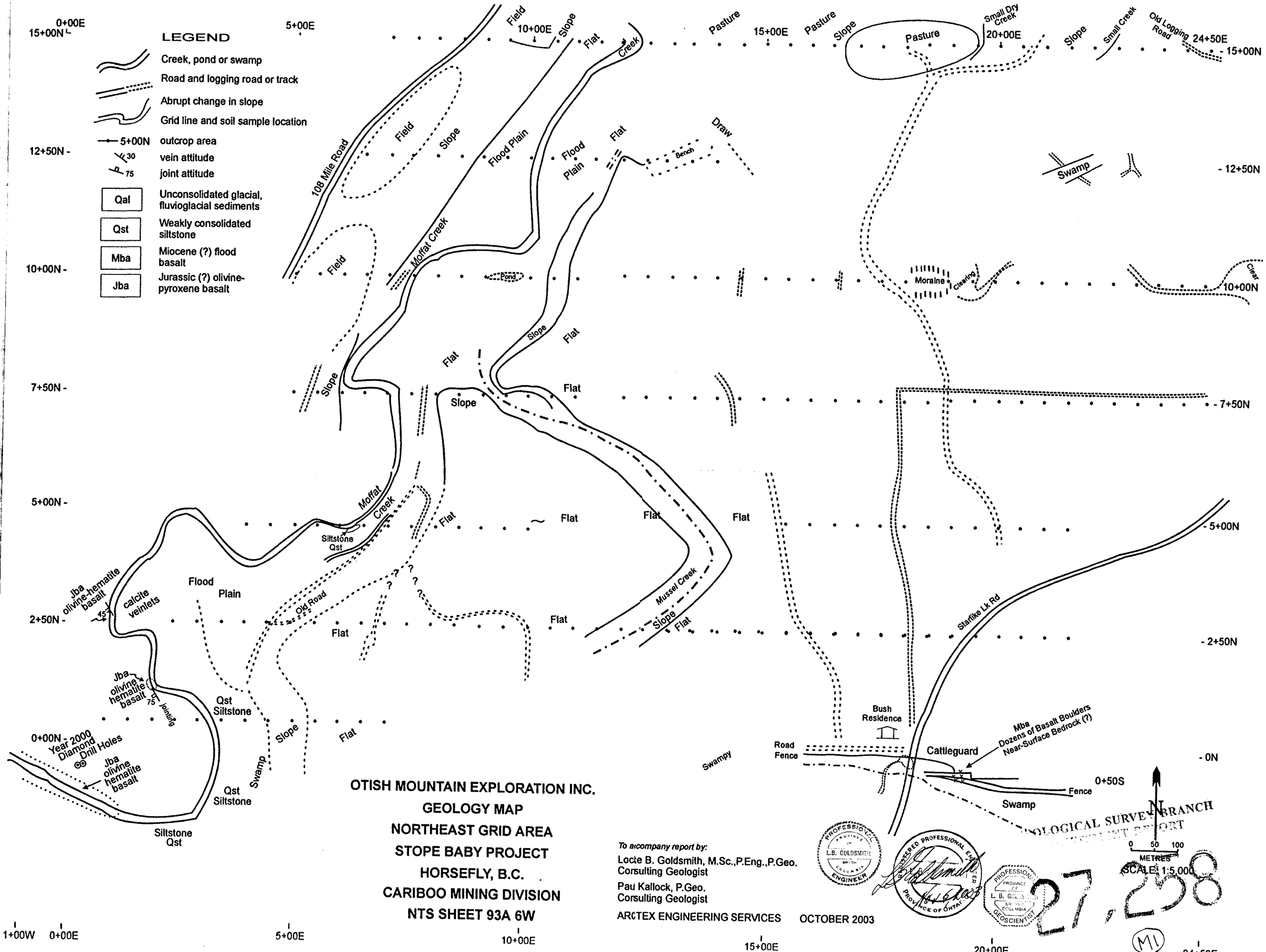
Enzyme Leach Job #: A03-1541
Trace element values are in parts per bill
Values = 999999 are greater than the \
Enhanced Package:

				Lithophile Elements:								*P.G.E.s:*			
Sample ID:	Tm	Yb	Lu	S.Q. Li	Be	S.Q. Sc	Mn	Rb	Sr	Cs	Ba	Ru	Pd	Os	Pt
5+00N 23+50E	0.12	0.73	0.12	2.8	0.3	-10	3710	82.0	1390	0.14	727	-0.5	-0.5	-0.5	-0.5
5+00N 24+00E	0.18	1.13	0.17	3.6	0.4	-10	2120	55.8	1400	0.11	755	-0.5	-0.5	-0.5	-0.5
5+00N 24+50E	0.05	0.40	0.05	1.1	0.1	-10	3730	52.5	1430	0.04	775	-0.5	-0.5	-0.5	-0.5
2+50N 2+50E	0.39	2.62	0.47	6.0	1.1	-10	9010	45.1	2170	0.07	1350	-0.5	-0.5	-0.5	-0.5
2+50N 3+00E	0.25	1.79	0.27	2.6	1.0	-10	785	18.9	1640	0.03	676	-0.5	-0.5	-0.5	-0.5
2+50N 3+50E	0.07	0.41	0.06	5.2	0.2	-10	2350	18.7	1470	0.04	312	-0.5	-0.5	-0.5	-0.5
2+50N 4+00E	0.07	0.39	0.06	0.7	0.8	-10	259	35.5	1100	0.49	804	-0.5	-0.5	-0.5	-0.5
2+50N 4+50E	0.18	1.23	0.19	4.6	1.2	-10	2590	73.8	1240	0.28	809	-0.5	-0.5	-0.5	-0.5
2+50N 5+00E	0.22	1.56	0.27	11.2	0.4	-10	3750	10.3	1280	0.04	311	-0.5	-0.5	-0.5	-0.5
2+50N 5+50E	0.10	0.68	0.10	8.1	0.8	-10	3090	29.2	1060	0.05	836	-0.5	-0.5	-0.5	-0.5
2+50N 6+00E	0.09	0.45	0.06	13.0	-0.1	-10	5130	20.3	1580	-0.01	361	-0.5	-0.5	-0.5	-0.5
2+50N 6+50E	0.05	0.34	0.06	8.1	0.2	-10	13400	17.1	1570	-0.01	1160	-0.5	-0.5	-0.5	-0.5
2+50N 7+00E	0.21	1.54	0.24	13.0	1.0	-10	24900	40.2	2420	0.06	1580	-0.5	-0.5	-0.5	-0.5
2+50N 7+50E	0.16	1.17	0.17	5.5	0.5	-10	3030	17.1	1190	0.02	1140	-0.5	-0.5	-0.5	-0.5
2+50N 8+00E	0.29	2.10	0.31	14.2	0.9	-10	5070	52.0	1130	0.10	814	-0.5	-0.5	-0.5	-0.5
2+50N 8+50E	0.30	2.13	0.35	9.5	0.9	-10	8290	34.8	1330	0.06	928	-0.5	-0.5	-0.5	-0.5
2+50N 9+00E	0.27	1.75	0.30	6.7	1.2	-10	6110	34.7	1120	0.08	982	-0.5	-0.5	-0.5	-0.5
2+50N 9+50E	0.07	0.46	0.07	4.6	0.8	-10	855	63.1	1620	0.15	1750	-0.5	-0.5	-0.5	-0.5
2+50N 10+00E	0.10	0.70	0.11	11.9	0.9	-10	3030	21.2	1180	0.02	1680	-0.5	-0.5	-0.5	-0.5
2+50N 10+50E	0.13	0.84	0.14	6.2	1.4	-10	256	45.5	1120	0.06	1820	-0.5	-0.5	-0.5	-0.5
2+50N 11+00E	0.04	0.31	0.03	6.2	1.4	-10	577	74.1	1180	0.07	3480	-0.5	-0.5	-0.5	-0.5
2+50N 11+50E	0.08	0.49	0.07	13.4	2.8	-10	2030	34.9	581	0.06	4240	-0.5	-0.5	-0.5	-0.5
2+50N 12+00E	0.20	1.46	0.24	14.3	0.4	-10	7820	28.5	1680	0.01	754	-0.5	-0.5	-0.5	-0.5
2+50N 12+50E	0.06	0.41	0.06	1.9	1.2	-10	3360	45.7	1400	0.11	2660	-0.5	-0.5	-0.5	-0.5
2+50N 13+00E	0.35	2.37	0.36	6.7	1.6	-10	6330	46.8	1450	0.07	3110	-0.5	-0.5	-0.5	-0.5
2+50N 13+50E	0.12	0.84	0.13	0.7	0.5	-10	7810	31.5	1900	0.05	2710	-0.5	-0.5	-0.5	-0.5
2+50N 14+00E	0.08	0.67	0.08	8.6	0.9	-10	6790	21.9	1730	0.05	2130	-0.5	-0.5	-0.5	-0.5
2+50N 14+50E	0.05	0.41	0.07	10.6	1.0	-10	6040	30.9	1330	0.07	1860	-0.5	-0.5	-0.5	-0.5
2+50N 15+00E	0.04	0.27	0.05	5.5	1.4	-10	2330	20.6	1270	0.01	2860	-0.5	-0.5	-0.5	-0.5
2+50N 15+50E	0.03	0.16	0.02	2.7	0.8	-10	1650	18.7	1540	0.09	816	-0.5	-0.5	-0.5	-0.5
2+50N 16+00E	0.03	0.22	0.02	25.9	1.4	-10	1050	23.5	1440	0.03	1910	-0.5	-0.5	-0.5	-0.5
2+50N 16+50E	0.05	0.45	0.07	14.1	0.4	-10	4860	32.3	1530	0.04	873	-0.5	-0.5	-0.5	-0.5
2+50N 17+00E	0.08	0.43	0.11	18.4	0.4	-10	3830	44.5	2020	0.09	925	-0.5	-0.5	-0.5	-0.5
2+50N 17+50E	0.30	2.15	0.31	25.5	1.2	-10	1970	96.3	1400	0.12	710	-0.5	-0.5	-0.5	-0.5
2+50N 18+00E	0.30	2.15	0.32	20.3	1.1	-10	1120	49.4	1510	0.10	919	-0.5	-0.5	-0.5	-0.5
2+50N 18+50E	0.27	1.82	0.29	14.2	1.1	-10	2300	83.8	1540	0.19	958	-0.5	-0.5	-0.5	-0.5
2+50N 19+00E	0.31	2.34	0.33	29.2	1.2	-10	867	73.6	1190	0.19	823	-0.5	-0.5	-0.5	-0.5
2+50N 19+50E	0.14	0.91	0.16	6.7	0.9	-10	5510	29.4	1450	0.08	1610	-0.5	-0.5	-0.5	-0.5
0+40S 18+50E	0.17	1.29	0.21	24.9	1.2	-10	5220	13.7	1810	0.02	1180	-0.5	-0.5	-0.5	-0.5
0+40S 19+00E	0.46	3.13	0.53	57.5	1.7	-10	2170	63.6	1350	0.18	727	-0.5	-0.5	-0.5	-0.5
0+50S 3+50E	0.05	0.33	0.05	8.2	1.7	-10	5190	30.1	1170	0.04	4240	-0.5	-0.5	-0.5	-0.5
0+50S 4+00E	0.04	0.21	0.04	-0.5	1.0	-10	9680	36.7	1940	-0.01	1180	-0.5	-0.5	-0.5	-0.5
0+50S 4+50E	0.30	2.19	0.35	21.4	1.1	-10	3370	10.0	1500	0.04	417	-0.5	-0.5	-0.5	-0.5
0+50S 5+00E	0.75	5.32	0.89	18.7	0.8	-10	3050	16.3	433	0.05	209	-0.5	-0.5	-0.5	-0.5
0+50S 5+50E	0.35	2.73	0.48	14.8	1.4	-10	8460	24.7	649	-0.01	1170	-0.5	-0.5	-0.5	-0.5
0+50S 6+00E	0.08	0.48	0.08	-0.5	0.6	-10	2020	23.6	514	0.04	1200	-0.5	-0.5	-0.5	-0.5
0+50S 6+50E	0.08	0.46	0.08	6.0	0.7	-10	2110	14.4	567	-0.01	921	-0.5	-0.5	-0.5	-0.5
0+50S 7+00E	0.14	1.11	0.16	1.5	0.8	-10	2350	23.0	553	0.04	741	-0.5	-0.5	-0.5	-0.5
0+50S 7+50E	0.06	0.37	0.04	1.8	1.2	-10	1670	60.1	458	0.07	1590	-0.5	-0.5	-0.5	-0.5
0+50S 8+00E	0.03	0.26	0.03	3.9	0.9	-10	795	32.9	429	0.07	655	-0.5	-0.5	-0.5	-0.5
0+50S 8+50E	0.17	1.03	0.16	3.5	1.1	-10	4630	16.9	460	0.02	1570	-0.5	-0.5	-0.5	-0.5
0+50S 9+00E	0.04	0.25	0.03	4.2	1.1	-10	2020	27.6	494	0.04	832	-0.5	-0.5	-0.5	-0.5
0+50S 9+50E	0.02	0.15	0.03	6.3	1.0	-10	997	28.1	398	0.06	1410	-0.5	-0.5	-0.5	-0.5
0+50S 10+00E	0.62	4.58	0.73	16.7	1.0	-10	7490	11.3	1080	-0.01	725	-0.5	-0.5	-0.5	-0.5
0+50S 10+50E	0.06	0.36	0.06	7.2	0.7	-10	986	11.4	522	0.03	1480	-0.5	-0.5	-0.5	-0.5
0+50S 11+00E	0.16	1.11	0.17	5.6	0.9	-10	2630	32.0	670	0.09	693	-0.5	-0.5	-0.5	-0.5
0+50S 11+50E	0.04	0.20	0.03	5.1	1.1	-10	2580	29.7	527	0.05	1500	-0.5	-0.5	-0.5	-0.5
0+50S 12+00E	0.19	1.31	0.21	5.6	0.9	-10	2610	21.8	1070	0.05	652	-0.5	-0.5	-0.5	-0.5
0+50S 12+50E	0.05	0.27	0.03	9.0	1.0	-10	4000	24.4	488	0.06	1140	-0.5	-0.5	-0.5	-0.5
0+50S 13+00E	0.11	0.88	0.11	13.9	1.6	-10	653	23.2	757	0.07	937	-0.5	-0.5	-0.5	-0.5
0+50S 13+50E	0.11	0.75	0.12	11.3	1.0	-10	259	41.9	542	0.13	795	-0.5	-0.5	-0.5	-0.5
0+50S 14+00E	0.79	5.82	0.92	9.4	1.5	-10	262	0.6	1060	0.04	419	-0.5	-0.5	-0.5	-0.5
0+50S 14+50E	0.41	2.89	0.46	20.4	0.6	-10	203	22.7	1310	0.04	351	-0.5	-0.5	-0.5	-0.5

Enzyme Leach Job #: A03-1541
Trace element values are in parts per bill
Values = 999999 are greater than the

Enhanced Package:

				Lithophile Elements:								*P.G.E.s:*			
Sample ID:	Tm	Yb	Lu	S.Q. Li	Be	S.Q. Sc	Mn	Rb	Sr	Cs	Ba	Ru	Pd	Os	Pt
0+50S 15+00E	0.25	1.78	0.27	3.0	1.1	-10	1220	10.4	678	-0.01	759	-0.5	-0.5	-0.5	-0.5
0+50S 15+50E	0.07	0.53	0.08	2.1	1.1	-10	3770	51.8	995	0.10	2940	-0.5	-0.5	-0.5	-0.5
0+50S 16+00E	0.06	0.39	0.06	1.0	0.9	-10	2640	19.9	450	0.05	1890	-0.5	-0.5	-0.5	-0.5
0+50S 16+50E	0.04	0.30	0.05	7.9	1.0	-10	6590	15.9	492	0.03	1610	-0.5	-0.5	-0.5	-0.5
0+50S 17+00E	0.06	0.49	0.08	11.2	1.0	-10	2210	29.8	510	0.04	1170	-0.5	-0.5	-0.5	-0.5
0+50S 17+50E	0.08	0.55	0.10	2.2	1.1	-10	2440	33.0	538	0.04	901	-0.5	-0.5	-0.5	-0.5
0+50S 18+00E	0.24	1.64	0.26	32.4	0.8	-10	1110	22.6	1180	0.07	515	-0.5	-0.5	-0.5	-0.5
0+50S 19+50E	0.09	0.62	0.09	0.9	0.4	-10	7470	32.8	1550	-0.01	523	-0.5	-0.5	-0.5	-0.5
0+50S 20+00E	0.04	0.28	0.04	2.4	0.6	-10	3370	22.1	750	0.02	1210	-0.5	-0.5	-0.5	-0.5
0+50S 20+50E	0.08	0.63	0.09	5.7	1.0	-10	4230	94.0	1060	0.12	1250	-0.5	-0.5	-0.5	-0.5



OTISH MOUNTAIN EXPLORATION INC.

GEOLOGY MAP

NORTHEAST GRID AREA

STOPE BABY PROJECT

HORSEFLY, B.C.

CARIBOO MINING DIVISION

NTS SHEET 93A 6W

To accompany report by:

Locte B. Goldsmith, M.Sc.,P.Eng.,P.Geo.
Consulting Geologist

Paul Kallock, P.Geo.
Consulting Geologist

ARCTEX ENGINEERING SERVICES

OCTOBER 2003