GEOLOGICAL, PHYSICAL WORK AND GEOCHEMICAL

REPORT ON THE

ISKUT-PALMIERE PROPERTY

Liard Mining Division, British Columbia
NTS 104B/10E & 15E
Latitude 56°44'N
Longitude 130°36'W

Prepared for

CANADIAN CARIBOO RESOURCES LTD.
Vancouver, B.C.

Prepared by

Rex Pegg, BASc., P.Eng.
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#800 - 900 West Hastings Street
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January 14, 1990

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INTRODUCTION

The Iskut-Palmiere property is located within the "Golden Triangle" area of northwestern British Columbia which hosts the mesothermal shear/vein Snip gold deposit and the polymetallic Eskay Creek deposit. The Snip, which is undergoing production preparation by Cominco Ltd., has ore reserves, cut and diluted, of 1.032 million tons grading 0.875 oz/ton gold (Vancouver Stockwatch, November 7, 1989). The Eskay Creek deposit has geological reserves of 4.364 million tons grading 0.77 oz/ton gold and 29.12 oz/ton silver (Vancouver Stockwatch, September 18, 1990). The Iskut-Palmiere property is located some 30 km east-northeast of the Snip and 13 km north-northwest of the Eskay Creek deposit.

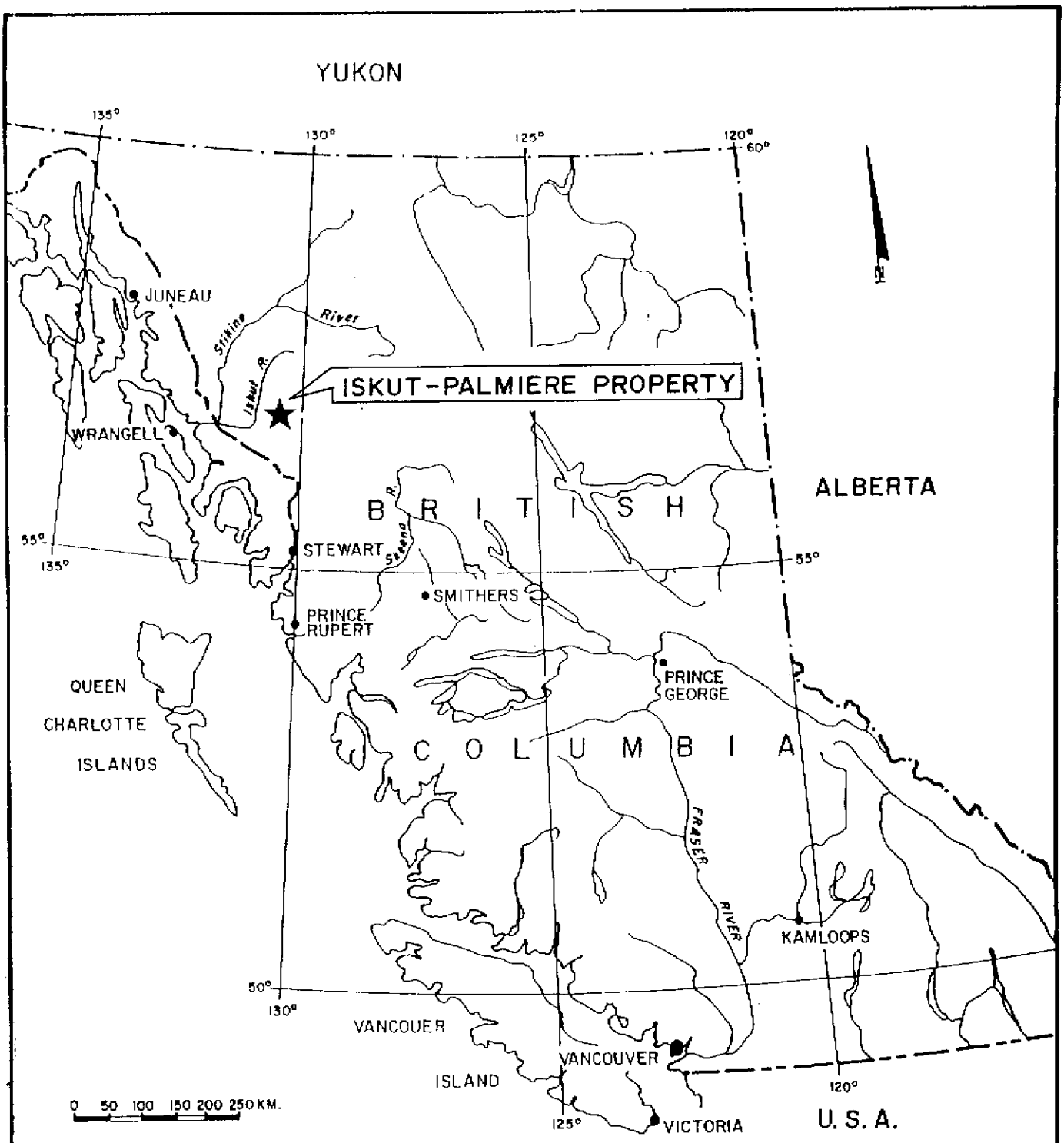
During August of 1990, Keewatin Engineering Inc. was engaged by Canadian Cariboo Resources Ltd., the project operator, for the purpose of conducting a preliminary exploration program on the property. The target was economic gold ± silver ± base metal mineralization, in particular an Eskay Creek and/or Snip-type of deposit.

1. Location, Access, Physiography and Climate

The Iskut-Palmiere property is located in northwestern British Columbia, approximately 90 km northwest of the town of Stewart (Figure 1). The property is centred upon 56°-44' North latitude and 130°-36' West longitude. This is within the 104B/10E and 15E NTS map sheets.

Access is by fixed-wing aircraft from Smithers or Terrace (290 km to the southeast) to the Bronson creek airstrip which services the Snip deposit. Transprovincial Airlines Ltd. of Terrace provided daily scheduled trips into the area and would land at Bronson Creek on request. Central Mountain Airlines of Smithers serviced the area with trips on Monday, Wednesday and Friday, as well as numerous unscheduled supply flights. Alternate fixed-wing access is from Wrangell, Alaska which is located at tidewater, 80 km to the west of the airstrip. The Bronson Creek airstrip was lengthened to 1,600 metres during 1988 and is now capable of accommodating Hercules aircraft. Small aircraft are also able to land at the Forrest Kerr airstrip.

Access to the property from Bronson Creek can be made by helicopter, a distance of some 28 kilometres. Landing spots are found along the Iskut River, at helipads cut in the northwestern corner of the property during 1990 and above treeline in the eastern portion of the claims.



PROPERTY LOCATION MAP
ISKUT-PALMIERE PROPERTY

Figure 1

KEEWATIN ENGINEERING INC.

Future road access to the area will follow the Iskut River Valley from Bob Quinn Lake on the Stewart-Cassiar Highway to Bronson Creek. This road, whose construction was announced by the B.C. government in 1990, will pass through the Iskut-Palmiere property.

The property straddles the Iskut River, approximately one kilometre upstream of the river's junction with Forrest Kerr Creek. The northwestern portion of the property covers most of a heavily treed, steep topographic knob which displays several small cliffs. The eastern side of the property covers very steep west facing slopes which exhibit deeply incised drainages. The rest of the Iskut Palmiere property is occupied by the flats of the Iskut River valley. Elevations range from less than 300 m along the Iskut River to 670 m on the knob in the northwest corner to over 1,700 m in the southeastern corner of the property.

A transitional tree line occurs at, approximately, the 1,066 m elevation. The lower elevations are covered by stands of mature hemlock and spruce. Numerous patches of dwarfed shrubs, slide alder and devil's club were also observed.

The climate is typified by cold, snowy winters and warm, wet summers. Snow accumulations at the higher elevations normally exceed five metres.

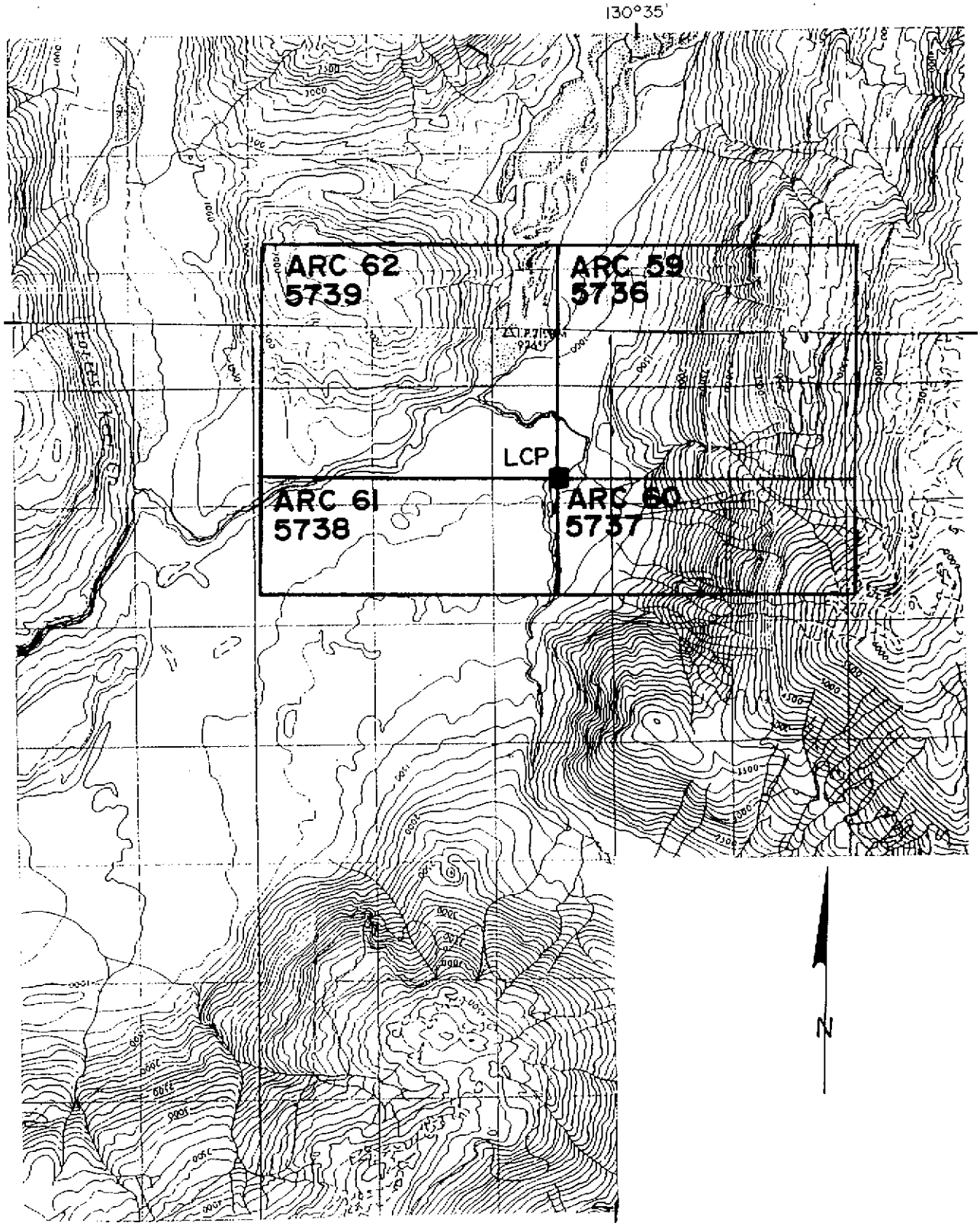
2. Property Status

The property consists of four contiguous mineral claims (60 units). These claims are registered in the name of Canadian Cariboo Resources Ltd. and are located within the Liard Mining Division. Their status (Figure 2) is summarized as follows:

TABLE 1: Claim Status

Claim Name	No. of Units	Record No.	Date Recorded	Expiry Year
Arc 59	20	5736	January 23, 1989	1997
Arc 60	10	5737	January 23, 1989	1998
Arc 61	10	5738	January 23, 1989	1998
Arc 62	20	5739	January 23, 1989	1997

It should be noted that the claims were located by a common Legal Corner Post only, due to steep terrain and deep snow conditions at the time of staking. No effort was made to locate this post.



■ LEGAL CORNER POST (LCP)

ISKUT-PALMIERE PROPERTY
LIARD MINING DIVISION

0 1 2 km

Scale 1:50,000

NTS 104B/10,15

CLAIM MAP

Fig. 2

KEEWATIN ENGINEERING INC.

3. History of Exploration

The area drained by the upper reaches of the Stikine, Iskut, Unuk, Craig and Bell-Irving Rivers has been explored since the late 1800's when prospectors passed through the region on their way to the interior. In the 1950's and 1960's, the porphyry copper-molybdenum boom brought numerous mining companies into the area. During this time, the Galore Creek porphyry copper-gold deposit was discovered.

Intense exploration began again in the early 1980's, and was then, as now, primarily for gold. At that time the Johnny Mountain property was acquired by Skyline Exploration Ltd. (now Skyline Gold Corp.), the Snip property by Cominco Ltd. (now owned and operated by the Prime Resources Corporation and Cominco Ltd.), and the Sulphurets property by Esso Minerals Ltd. (now owned by Newhawk Gold Mines Ltd./Corona Corporation/Granduc Mines Ltd.). Since 1990, well over 100 new gold prospects have been found in the Iskut-Unuk-Sulphurets-Stewart-Galore areas (Golden Triangle), establishing the entire region as a major gold 'camp'.

The Eskay Creek deposit, a joint venture between Stikine Resources Ltd. and Prime Resources Group Inc., appears to be the most significant discovery found to date. Gold was first discovered in the Eskay Creek area in 1932 and exploration has continued there, sporadically, since then. Prior to the current Eskay Creek joint venture, eleven companies carried out exploration on the present claim area. This included diamond drilling (over 13,000 feet) and underground development to the south of the recent discovery (after Idziszek et al., Mining Magazine, March 1990). In September of 1988, the first significant, high grade gold, silver and base metal mineralization was intersected in a drill hole, on what is called the #21 Zone. Mineralized drill intercepts up to 660 feet long have been reported. In drill hole 109, a 200 foot section averaged 2.9 oz/ton gold, 0.85 oz/ton silver, 1.9% lead and 3.4% zinc. By September 1990, 657 drill holes had been completed. The #21 Zone has been extended for 4,600 feet along strike and remains open, both along strike and down dip. Preliminary geological reserves of 4,364,000 tons uncut and undiluted, grading 0.77 oz/ton gold and 29.12 oz/ton silver have been calculated (Vancouver Stockwatch, September 18, 1990).

In the Iskut River area are the Johnny Mountain and Snip deposits. The Johnny Mountain Gold Mine began production in 1988 and closed in 1990, currently has proven and possible ore reserves of 740,000 tons grading 0.52 oz/ton gold, 1.00 oz/ton silver and 0.75% copper (D. Yeager, Skyline Gold Corp., personal communication). The adjacent Snip deposit presently has ore reserves,

cut and diluted, of 1.032 million tons grading 0.875 oz/ton gold (Vancouver Stockwatch, November 7, 1989). Cominco Ltd. expects to bring the Snip into production in early 1991.

On the north side of the Iskut River, numerous gold occurrences have been reported. Avondale Resources' Forrest claims and Kestral Resources' KRL claims were subjected to extensive exploration during 1989 and 1990. Drilling was done on both of these properties during 1990. Gulf International Minerals carried out a successful drill program on their McLymont Creek property. They have drilled over 31 holes from which results include 17.37 metres of 0.346 oz/ton gold and 9.63 metres of 2.122 oz/ton gold (Vancouver Stockwatch, July 24 and August 30, 1990).

During 1990, exploration intensified further north, in the More Creek-Forrest Kerr Creek area, after Noranda announced the discovery of high grade, polymetallic boulders on their GOZ-RDN property. Noranda's exploration evidently revealed four mineralized zones (George Cross Newsletter, September 13, 1990). Boulders from the Carcass Creek zone reportedly assayed up to 2.69 oz/ton gold, 2.43 oz/ton silver, 3.2% copper, 43.7% zinc and 3.96% lead. Initial results from their Waterfall zone returned 0.154 oz/ton gold across an estimated true width of 7.73 metres. Noranda has completed an airborne EM and magnetometer survey and drilled fifteen holes. Final drill results are still to be reported. Noranda has a number of other joint ventured properties in the More Creek area on which mineralized and altered, auriferous structural zones have been reported.

No record of exploration work, with the exception of that mentioned on the claims' record form, has been indicated on the area covered by the Iskut-Palmiere property. This 1989 exploration program consisted of rock, silt and pan concentrate sampling as well as prospecting. A total of 7 rock, 13 silt and 6 pan concentrate samples were collected and analyzed for gold, silver, copper, lead and zinc. A few of the silt and pan concentrate results from the southeastern portion of the property were elevated in gold, copper, lead and zinc. On the southern boundary of the property one pan concentrate sample contained 215 ppb Au and one silt sample returned 34 ppb Au.

Recent regional, geological mapping by the G.S.C. (Read et al., 1990) and the BCMEMPR (Alldrick et al., 1989 and Logan et al., 1990) covered the area of the Iskut-Palmiere property.

4. 1990 Work Program Summary

During August and September, field personnel carried out geological, geochemical and prospecting surveys over selected portions of the property. This work included grid soil sampling,

silt and rock sampling, grid and helipad establishment and preliminary follow-up of most of the anomalous soil sample results (see Table 2). The grid and helipad establishment were completed in conjunction with the geochemical sampling.

TABLE 2: Summary of 1990 Field Work

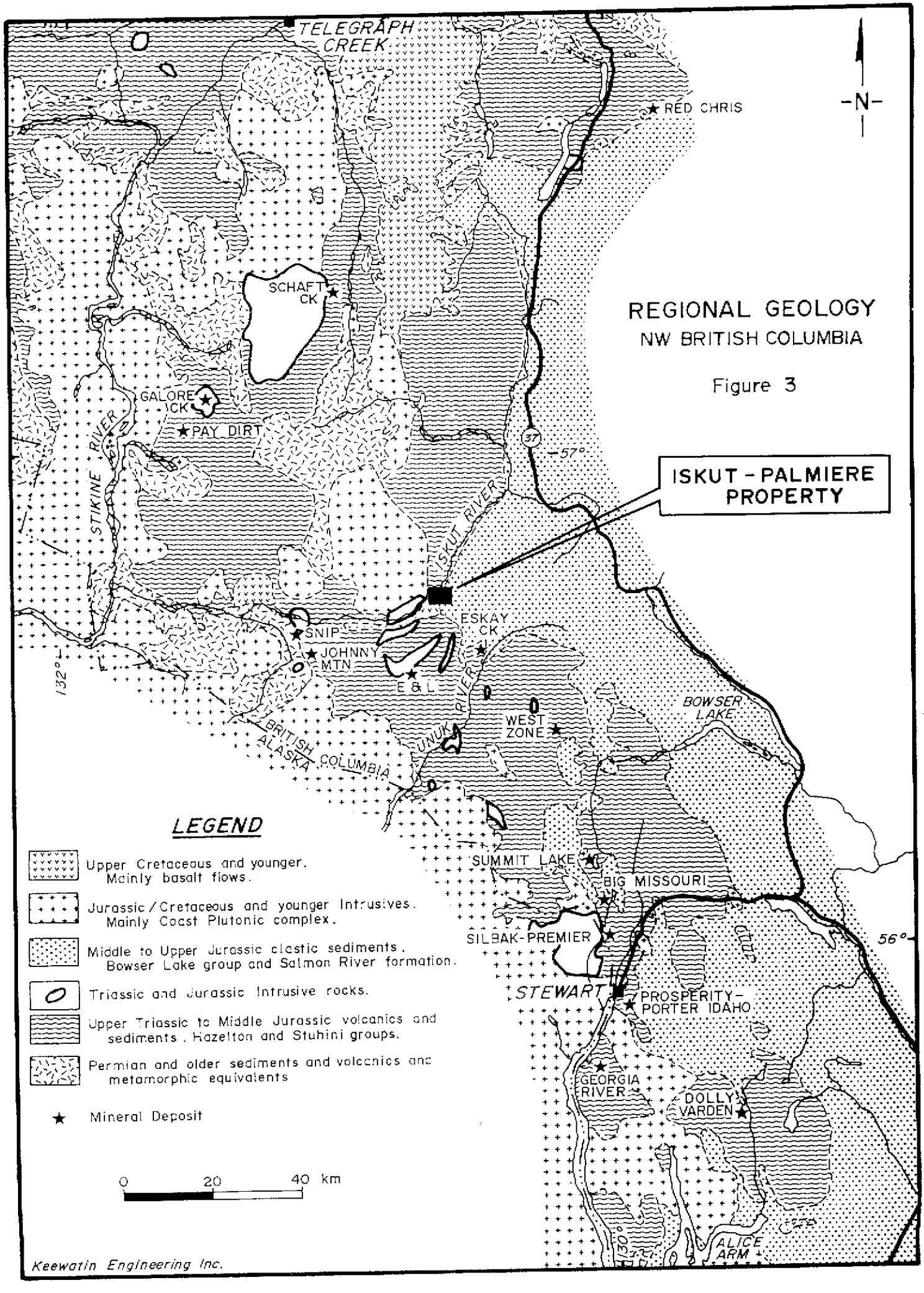
Type of Work	Description
Soil Sampling	725 samples
Rock Sampling	8 samples
Silt Sampling	5 samples
Linecutting	0.550 line-km (cut, blazed and chained)
Grid Established	12.350 line-km (hip chained and blazed/flagged)
Helipads Established	4
Helicopter Toe-Ins Established	2
Soil Anomaly Investigations	28
Geological Mapping & Prospecting	mostly in the northwest corner of the property (1:5,000)

The two areas targeted for exploration included the northwestern and southeastern corners of the property. The northwestern portion was selected because of potentially favourable strata. The southeastern area was targeted due to the elevated gold results previously obtained from pan concentrate and silt samples collected from creeks draining this area.

GEOLOGY

1. Regional Geology

The Forrest Kerr Creek-Iskut River area lies within the Intermontane tectono-stratigraphic belt - one of five, parallel, northwest/southeast trending belts which comprise the Canadian Cordillera. This belt of Permian to Middle Jurassic volcanic and sedimentary rocks defines the Stikinia/Stikine terrain (Figure 3). This is bounded on the west by the Coast Plutonic Complex and overlapped on the east by sediments of the Bowser Basin. The belt has been intruded by at least four episodes of plutonic rocks, from Late Triassic to Oligocene-Miocene. These include synvolcanic


TELEGRAPH CREEK
RED CHRIS
N
REGIONAL GEOLOGY
NW BRITISH COLUMBIA
Figure 3
ISKUT - PALMIERE PROPERTY
SCHAFT CK
GALORE CK
PAY DIRT
STIKINE RIVER
ISKUT RIVER
37
57°
SNIP
JOHNNY MTN
E & L
ESKAY CK
132°
BRITISH COLUMBIA
ALASKA
EUNUK RIVER
WEST ZONE
BOWSER LAKE
SUMMIT LAKE
BIG MISSOURI
SILBAK-PREMIER
56°
STEWART
PROSPERITY-PORTER IDAHO
GEORGIA RIVER
DOLLY VARDEN
ALICE ARM
LEGEND
Upper Cretaceous and younger. Mainly basalt flows.
Jurassic / Cretaceous and younger Intrusives. Mainly Coast Plutonic complex.
Middle to Upper Jurassic clastic sediments. Bowser Lake group and Salmon River formation.
Triassic and Jurassic Intrusive rocks.
Upper Triassic to Middle Jurassic volcanics and sediments. Hazelton and Stuhini groups.
Permian and older sediments and volcanics and metamorphic equivalents
Mineral Deposit
0 20 40 km
Keewatin Engineering Inc.

plugs, small stocks, dyke swarms, isolated dykes and sills, as well as batholiths belonging to the Coast Plutonic Complex.

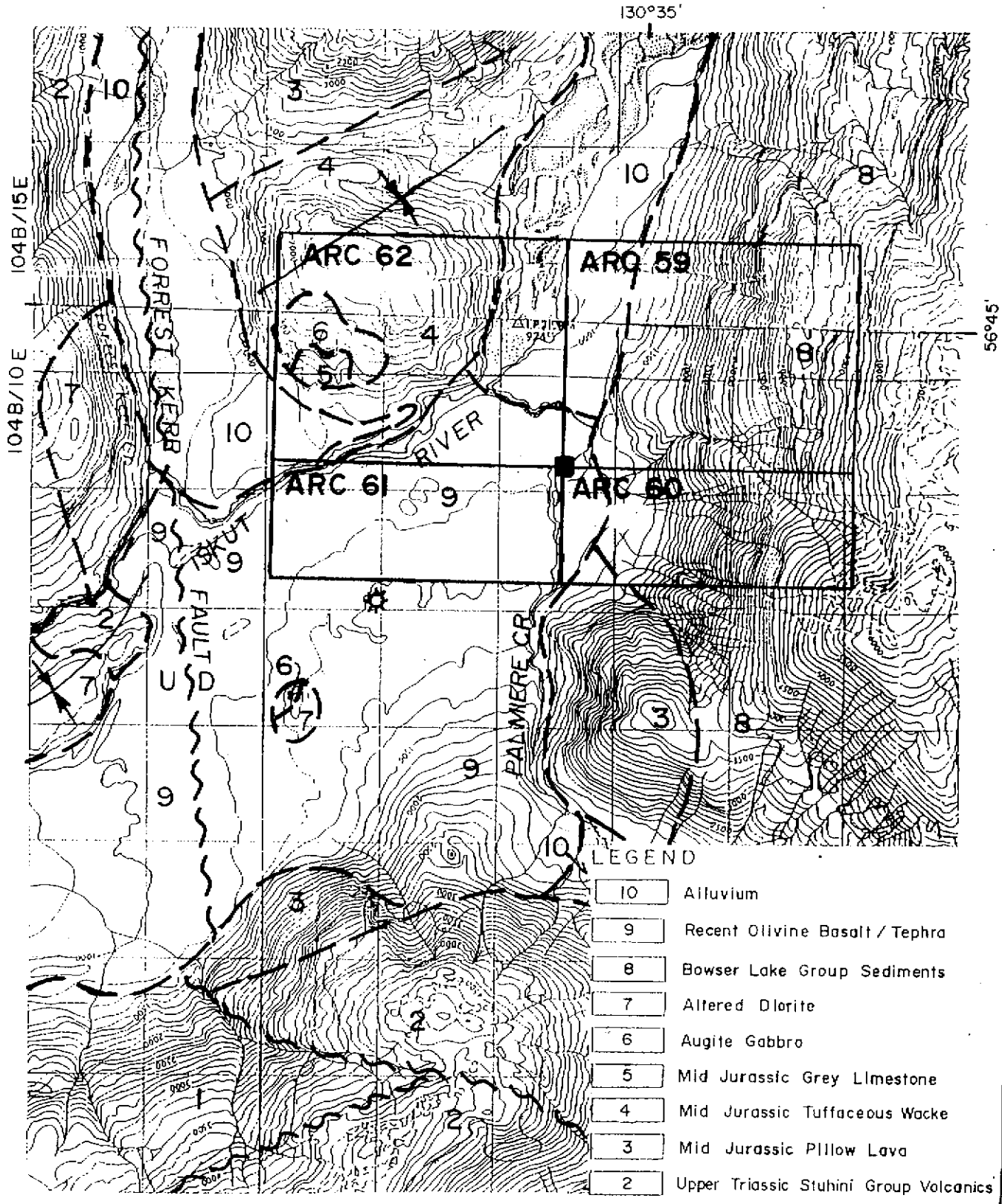
The entire sequence has undergone various degrees of folding, faulting and metamorphism.

2. Property Geology (Figure 4 and Map 1)

Governmental mapping (Britton et al., 1989 and Logan et al., 1990) indicates that recent basalts and alluvial gravels underlie the Iskut River and Forrest Kerr Creek valleys. They have also mapped Lower to Middle Jurassic tuffs and wackes (Salmon River Formation?) in the northwestern portion of the Iskut-Palmiere property and Bowser Lake Group sediments (Middle Jurassic) on the property's east side. Read et al. (1990) noted a gabbroic plug and lenses of limestone within the tuffaceous strata, north of the Iskut River.

Keewatin field personnel observed few bedrock exposures within the grid established in the northwestern corner of the property. These exposures consist, predominantly, of monolithic, brecciated tuffs (debris flows?). These rocks are composed of, up to 80%, dark grey to black, cherty, angular to subangular fragments, 2 to 150 mm in diameter, within a medium greyish green matrix. These have been mapped in the field as lapilli tuffs and tuff breccias. Field personnel also observed greenish grey, polylithic, tuffaceous wackes with 3 mm sized, rounded fragments. Minor cherty argillites were also noted. The southwestern portion of this grid is partly underlain by a strongly altered augite gabbro to feldspar porphyry plug. The exposures observed within this grid area display a weak carbonate alteration. Locally, strong hematite and manganese staining and silicification were noted. East-west trending topographic depressions are found throughout the grid area and may be reflecting underlying structures.

The southeastern portion of the property is underlain by Bowser Lake Group sediments which are 'fining' towards the west. Interbedded polymictic conglomerate and greywacke underlie interbedded argillites, greywackes and sandstones which overlie phyllitic siltstones. The bedded sediments exhibit quite variable attitudes (north-northeast/50°-75°E to NNW/steep) and display small scale isoclinal folding. Generally, these rocks are relatively unaltered, but the numerous, steep sided creek gullies may be reflecting underlying structures. Boulders of Recent basalt were found along the Iskut River flats.



ISKUT-PALMIERE PROPERTY GEOLOGY

Fig. 4

KEEWATIN ENGINEERING INC.

3. Mineralization

Mineralization observed within the northwestern grid area is restricted to disseminated pyrite, in amounts ranging from trace to 3%. The sediments in the southeastern corner of the property locally display small (<30 cm) and irregular, concordant quartz (± carbonate and barite(?)) veins/sweats. These carry only trace amounts of pyrite.

GEOCHEMISTRY

1. Sampling

A total of 725 soil, 5 silt and 8 rock samples were collected during the 1990 field season (see Appendix 4). The soils were taken at 25 metre intervals along north-south and east-west grid lines in the northwestern portion of the property. Follow-up soil sampling included duplicate samples and surrounding soils at 12.5 metre east-west and 25 north-south intervals (see Appendix 4). Generally, the soil samples were collected from the "B" horizon with the use of a long handled shovel.

The silts were collected from the active portion of the sampled drainages in the southeastern portion of the property.

The rocks represent grab samples of mineralized and/or altered outcrops observed during geological mapping and prospecting traverses.

2. Analysis

All of the samples were shipped to Min-En Laboratories in Smithers for preparation and then to their lab in North Vancouver for analysis. This analysis consisted of fire assay preparation - atomic absorption finish gold and an eight element ICP package (Ag, As, Cu, Mo, Pb, Sb, Zn and Hg).

3. Discussion of Soil Horizon Development

Soil horizons in the northwestern portion of the property appear to be moderately well developed, although several, small swampy areas were observed locally. The dark brown 'A' horizon is 2 to 50 cm thick and overlies a 'B' horizon which is found at an average depth of 30 cm. The 'B' horizon is commonly medium red-brown in colour, occasionally gritty and locally contains phyllitic

rock fragments. Mixtures of the 'A' and 'B' horizons were observed in the swampy areas. Definitive soil horizon development studies could not be detailed as bedrock was not reached at any of the soil sample sites.

The soil horizons in the southeastern portion of the property are poorly developed. The steep terrain in this area has resulted in extensive colluvium which contains abundant, angular, phyllitic rock fragments.

4. Description and Discussion of Results

The initial soil sampling on the grid established in the northwestern corner of the property revealed numerous geochemically enhanced to anomalous values. These included 12 in silver (>3.0 ppm), 14 in arsenic (>50 ppm), 4 in zinc (>340 ppm), 1 in lead (>100 ppm) and 2 in molybdenum (>27 ppm). All but one of these anomalous samples underwent subsequent investigation. This work included the collection of duplicate and surrounding soil samples (see Appendix 5), as well as geological mapping and prospecting. Duplicate sample results, especially the arsenic, are much lower than those from the original samples. In many instances, it was noted that the sites of interest are situated within topographic depressions. These may represent areas of groundwater concentration and/or colluvial deposition. Three of the anomaly follow-ups returned zinc-in-soil results (625, 462 and 1,187 ppm) which require additional investigation. Of the 28 anomaly follow ups, none located sources for the relatively high values. Soil results from the northwestern corner of the property ranged up to 280 ppb gold, 6.6 ppm silver, 110 ppm copper, 125 ppm lead, 1,187 ppm zinc, 101 ppm arsenic, 4 ppm antimony, 151 ppm molybdenum and 1,150 ppb mercury. All of the soil results from the southeastern portion of the property are at background levels.

The five silt samples were collected from creeks draining the southeastern corner of the property. Results ranged up to 6 ppb gold, 1.3 ppm silver, 55 ppm copper, 42 ppm lead, 167 ppm zinc, 55 ppm arsenic, 4 ppm antimony, 4 ppm molybdenum and 160 ppb mercury. These results are at background levels.

The rock samples collected from the two investigated portions of the property returned results at background levels. The results ranged up to 8 ppb gold, 2.4 ppm silver, 146 ppm copper, 39 ppm lead, 110 ppm zinc, 67 ppm arsenic, 6 ppm antimony, 6 ppm molybdenum and 200 ppb mercury.

CONCLUSIONS

Mapping on the property's steep slopes, east of the Iskut River, confirms the presence of relatively unaltered Bowser Lake Group sediments. The sample results from this area are at background levels. These strata do not appear to hold much potential to host economic mineralization.

The few bedrock exposures found within the northwestern portion of the property consist, primarily, of brecciated tuffs and tuffaceous wackes. Numerous anomalous silver and arsenic-in-soil results were obtained from this area. Subsequent follow-up investigations did not locate their sources and in many cases could not duplicate the original results. Three zinc-in-soil anomalies, ranging from 462 to 1,187 ppm, still require further investigation. In addition, an isolated, anomalous result of 280 ppb gold was obtained from a soil sample collected at 5+00N/7+25W. This site still requires follow-up. The few rock samples collected from the limited exposures in this portion of the property returned values at background levels. The steep ground south and east of the northwestern grid are still relatively unexplored and may be prospective.

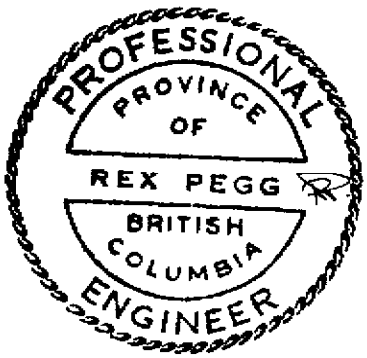
RECOMMENDATIONS

It is recommended that the Iskut-Palmiere property be subjected to a small exploration program which would focus on the northwestern portion of the property. The work should include the investigation of the unchecked, anomalous soil results obtained during 1990 and the extension of the prospecting and mapping coverage, to the south and east of the established grid. The possibility of skarn mineralization on the south side of the intrusive plug should be investigated.

Respectfully submitted,

KEEWATIN ENGINEERING INC.

Rex Pegg, BA~~Sc.~~, P.Eng.



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Vancouver Stockwatch.

APPENDIX 1

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, REX STEPHEN PEGG, of #1 - 410 Mahon Avenue in the District of North Vancouver in the Province of British Columbia, do hereby certify that:

1) I am a graduate of the University of Toronto, BA.Sc. (1976) in Geological Engineering (Exploration option) and have practised my profession continuously since graduation.

2) I have over 14 years of experience in exploration for base and precious metals in the Canadian Cordillera.

3) I am a member in good standing of the Association of Professional Engineers of British Columbia.

4) I am an independent consulting geologist with an office at #1-410 Mahon Avenue, North Vancouver, British Columbia.

5) I am presently under contract to Keewatin Engineering Inc. with offices at Suite 800 - 900 West Hastings Street, Vancouver, British Columbia.

6) I am the author of the report entitled "Geological, Physical Work and Geochemical Report on the Iskut-Palmiere Property, Liard Mining Division, British Columbia", dated January 14, 1991.

7) I have personally supervised the work referenced in this report and I am familiar with the regional geology and geology of nearby properties.

8) I do not own or expect to receive any interest (direct, indirect or contingent) in the property described herein nor in the securities of Canadian Cariboo Resources Ltd., in respect of services rendered in the preparation of this report.

9) I consent to and authorize the use of the attached report and my name in the Company's Statement of Material Facts or other public document.

Dated at Vancouver, British Columbia this 14th day of January, 1991.

Respectfully submitted,

Rex S. Pegg, BA.Sc., P.Eng.

Keewatin Engineering Inc.

APPENDIX 2

Summary of Field Personnel

SUMMARY OF FIELD PERSONNEL

R. Pegg	-	Senior Geologist	August 9, 15; September 13, 28, 20; October 7, 10
R. Honsinger	-	Project Geologist	September 13, 16-18
A. Travis	-	Project Geologist	August 13, 20, 21; September 13
P. Lutynski	-	Geologist	August 12; September 16-18
A. Muirhead	-	Prospector	August 13; September 26; October 9
R. Geszler	-	Assistant	August 12, 13, 15-18
S. Sheffield	-	Assistant	August 12
V. Malo	-	Assistant	August 13
A. Kaplan	-	Assistant	August 12-16
T. Paquette	-	Assistant	August 8, 12, 13, 15, 16, 19
S. McTague	-	Assistant	August 13, September 13, 16-18
S. Novak	-	Technician	August 12, 15-19; September 11, 13
D. Barker	-	Assistant	August 17, 18; September 11
J. Cleland	-	Assistant	August 13, 17-20
C. Davies	-	Assistant	September 16-18; October 8
P. Dunlevy	-	Assistant	September 20; October 9
V. Hutchings	-	Draftswoman	August 27; September 6, 11, 18, 19, 23, 26, 29
S. Chandler	-	Cook/1st Aid Attendant	August 12, 15-18; September 11, 13
S. Patterson	-	Cook/1st Aid Attendant	September 14, 16-18

APPENDIX 3

Statement of Expenditures

STATEMENT OF EXPENDITURES

i)	**Pre-Field** (base map preparation)			$ 384.90
ii)	**Labour**			
	R. Pegg	7.0 days @ $400/day	$2,800.00	
	R. Honsinger	4.0 days @ $335/day	1,340.00	
	A. Travis	3.5 days @ $325/day	1,137.50	
	P. Lutynski	4.0 days @ $325/day	1,300.00	
	A. Muirhead	3.0 days @ $300/day	900.00	
	R. Geszler	6.0 days @ $250/day	1,500.00	
	S. Sheffield	1.0 days @ $200/day	200.00	
	V. Malo	1.0 days @ $215/day	215.00	
	A. Kaplan	5.0 days @ $160/day	800.00	
	T. Paquette	6.0 days @ $175/day	1,050.00	
	S. McTague	5.0 days @ $(160/175)/day	860.00	
	S. Novak	8.0 days @ $225/day	1,800.00	
	D. Barker	3.0 days @ $(160/175)/day	495.00	
	J. Cleland	4.5 days @ $160/day	720.00	
	C. Davies	4.0 days @ $200/day	800.00	
	P. Dunlevy	2.0 days @ $175/day	350.00	
	V. Hutchings	8.0 days @ $225/day	1,800.00	
	S. Chandler	7.0 days @ $260/day	1,820.00	
	S. Patterson	4.0 days @ $260/day	1,040.00	
				20,927.50
iii)	**Geochemical Analysis** (faa Au + 8 element ICP)			
	Soils	725 samples @ $11.30 ea.	$8,192.50	
	Silts	5 samples @ $11.30 ea.	56.50	
	Rocks	8 samples @ $13.75 ea.	110.00	
				8,359.00
iv)	**Helicopter** (Hughes 500D)	12.0 hours @ $705/hour		8,460.00
v)	**Room & Board**	95.0 man days @ $60 (includes pilot)		5,700.00
vi)	**Rentals** (binocular microscope, radios, rock saw, generator, field equipment, truck, ATV, copier, etc. - split)			2,860.07
vii)	**Consumables** (sample bags, tags, copies, paint, flagging, etc.)			1,487.34
viii)	**Fixed Wing Support** (split)			2,418.40
ix)	**Expediting** (split)			452.69
x)	**Travel** (split)			469.91
xi)	**Camp Costs** (fuel, etc. - split)			674.32
xii)	**Courier Charges** (split)			8.74
xiii)	**Mobilization/Demobilization**			3,000.00
xiv)	**Report** (writing, drafting, processing, copying)			6,297.13
	TOTAL EXPENDITURES:			$61,500.00

Keewatin Engineering Inc.

APPENDIX 4

Geochemical Sample Descriptions

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: Iskut - Palmiere
Area (Grid): NORTH
Collectors: TRAVIS

Results Plotted By:
Map: NTS: 104 B/15
Date: August 13/90 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
								TUFFACEOUS	GREY WITH 1-3% disseminated pyrite,	
90T284CR-001	7+68 N / 1+00W		✓					WACKE	minor carbonate in matrix, finer grained than most of the wackes	

KEEWATIN E[illegible]INEERING INC.

ROCK SAMPLES

Project: Iskut-Palmiere
Area (Grid):
Collectors: TRAVIS / NOVAK

Results Plotted By:
Map: NTS: 104 B/15
Date: SEPT 13/90 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
	3950' IN CREEK							Qtz/	Concordant vein up to 30 cm wide,	
90T284	LOCATED ~360m SOUTH		✓					CARB	trace barite?, 90/65 in bedded	
R-002	OF LAKE AT 4200'							VEIN	Siltstone/argillite, minor sandstone	
	SE SIDE OF ISKUT									
	3050' IN SAME							Qtz/	356/42, concordant vein, traced	
R-003	CREEK AS R-002		✓					CARB.	for 20m, 25 cm wide, ribboned	
								VEIN	(abundant wall rock inside vein)	
									in siltstone, minor sandstone	

KEEWATIN E' INEERING INC.

ROCK SAMPLES

Project: Iskut Palmiere
Area (Grid): North.
Collectors: P. Lutynski

Results Plotted By:
Map: NTS: 104 B/15
Date: September 16th, 1990 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90L2B4cR-001	4+35W / 5+75 N		✓					bx. tuff (cataclasite)	Grey greenish rock with ~20% angular fragments (< 0.5cm diameter of the fragments Dissem Py ty ~3(4)% Outcrop ~0.7m high × 7m long.	
90L2B4cR-002	3+75W / 7+37.5N		✓					bx tuff (cataclastic?)	Strongly altered rock weathered (?) white/beige, No mineralization (possible some 2% S). Rock outcrop occurs on side of the depression.	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: Iskut Palmiere
Area (Grid): North
Collectors: F. Lutynski

Results Plotted By:
Map: NTS: 104B/15
Date: September 17th, 1990 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90L284cR003	~5+25W / 0+50N		✓					a. Tuff (?)	Beige-yellowish rock, ankerite(?) rich with Ca CO_3 veinlets and lenses. Orientated with the shearing of the rock (could be bedding) 286°/64°N - attitude of shearing (bedding) Possible some gypsum mineralization Outcrop forms a diff ~10m high ~20m long	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: Ishut Palmtere
Area (Grid): North.
Collectors: P. Lutynski.

Results Plotted By:
Map: NTS: 104B/15
Date: September 18th, 1990 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90L284cR-004	9+25W/1+57 S		✓					Carbonate vein.	White carbonate vein (?) up to 20cm wide (?) interbedded in tuffaceous rock (brownish), fine. Minor Pyrite ≤ 1% Outcrop(?) 0.5m x 1m.	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: Iskut Tallmenté 284c
Area (Grid): North
Collectors: R. Hawkington

Results Plotted By:
Map: NTS: 104 B/15
Date: Sept 18/90 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90H284c R-001	L8+75W/5+37N		✓					Bxd Lap T	Monolithic brecciated Lap T dk grey to green w angular 3mm fragments (30%). Intrusive Trachyte Proximal to 90K284c. SN: L9+00W/5+25N 54 ppm As in soil anomaly ✓	

KEEWATIN ENGINEERING INC.

STREAM SEDIMENTS

Project: ISKUT PALMIERE. Results Plotted By: _____

Area (Grid): _____ Map: _____ N.T.S.: 104B/15

Collectors: SHAWN NOWAK, ADAM TRAVIS Date: SEPT. 13 1990

Sample Number	NOTES	SEDIMENT DATA					STREAM DATA					SPRING	DRY GULLY				
		Gravel	Sand	Silt	Clay	Organic	Bank	Active	Width	Depth	Velocity						
90FF294CL-001:	SAMPLE TAKEN AT 4070 FT. MOSTLY SAND AND GRAVEL. 469m. SOUTH OF LAKE.	X	X					X	1m	10cm	M						
90FF294CL-002:	SAMPLE TAKEN AT 4200 FT. MOSTLY SAND AND GRAVEL. 1266 m SOUTH OF LAKE.	X	X					X	3m	10cm	F						
90FF294CL-003:	SAMPLE TAKEN AT 4200FT. SAMPLE CONSISTS MOSTLY OF SANDSTONE GRAVEL. 1358 m. SOUTH OF LAKE.	X		X				X	50cm	15cm	F						
90FF294CL-004	SAMPLE MOSTLY SANDSTONE GRAVEL. ELV. 2720FT.	X						X	2m	5cm	F						
90FF294CL-005	SAMPLE TAKEN AT 2720 FT. 20m up TRIBUTARY FROM NORTH. MOSTLY SAND, SOME GRAVEL AND SILT.	90%	10%	10%				X	2m	5cm	F						

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Ishut Palmiere

Area (Grid):

Collectors: Adam + John

Results Plotted By:

Map: _____ N.T.S.: 104 B/15

Date Aug 13/90

Sample Number	Sample Location		Notes	Topography				Vegetation						Soil Data						
	Line	Station		Valley Bottom	Direction of slope	Hill Top	Level Ground	Heavily Wooded	Sparsely Wooded	Burnt	Logged	Grassland	Swampy	Horizon Sampled	Depth to Horizon Sample	Horizon Development: Good	Horizon Development: Poor	Parent Material: Drift	Parent Material: Bedrock	Colour
90Y4284C5-N:	0+00 W	5+00 N		10°	NE			X						B	30		X		X	D
		5+25 N		10°	NE			X						B	30		X		X	LB
		5+50 N		5°	W			X						B	30		X		X	LB
		5+75 N		5°	N			X						B	40		X		X	DB
		6+00 N		5°	W			X						B	30		X		X	RB
		6+25 N		5°	W			X						B	30		X		X	DB
		6+50 N		10°	N			X						B	20		X		X	MB
		6+75 N		10°	N			X						B	30		X		X	LB
		7+00 N		5°	S			X						B	20		X		X	RB
		7+25 N		10°	NE			X						B	20		X		X	LB
		7+50 N		15°	NE			X						B	30		X		X	LB
		7+75 N		10°	W			X						B	30		X		X	LB
		8+00 N		10°	W			X						B	30		X		X	MB
		8+25 N		20°	N			X						B	30		X		X	MB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Iskut Palmiere — Results Plotted By: _____

Area (Grid): _____ — Map: _____ N.T.S.: 104 B/15

Collectors: Adam + John — Date Aug 13/90

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90YY28%C5-N:	1+00W	5+00N		10°	S			X						B	30	X			X	LB
		5+25N		5°	S			X						B	30	X			X	RB
		5+50N		10°	S			X						B	40	X			X	MB
		5+75N		5°	N			X						B	40	X			X	MB
		6+00N	3 m. from station	5°	N			X						B	40	X			X	MB
		6+25N		5°	N			X						B	40	X			X	MB
		6+50N		20°	N			X						B	50	X			X	MB
		6+75N		10°	S			X						B	50	X			X	MB
		7+00N		20°	N			X						B	40	X			X	LB
		7+25N		5°	E			X						B	30	X			X	MB
		7+50N		30°	N			X						B	30	X			X	MB
		7+75N		40°	N			X						B	30	X			X	MB
		8+00N	Bottom of Gulley	5°	N			X						A/B	60	X			X	DB
		8+25N		20°	N			X						B	50	X			X	MB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Ishut Palmiere — Results Plotted By: _____

Area (Grid): _____ — Map: _____ N.T.S.: 104 B/15

Collectors: Adam + John — Date Aug 13/90

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90YY284C5-N1	2+00W	5+00N		5°	N			X						B	40		X		X	HLB
		5+25N		10°	S			X						B	40		X		X	MB
		5+50N		25°	S			X						B	30		X		X	LRB
		5+75N		5°	S			X						B	40		X		X	MB
		6+00N		5°	S			X						B	30		X		X	LB
N/S		6+25N	Dug 6 spots. Roots, vegetation, Talus																	
90YY284C5-N2		6+50N		15°	N			X						B	30		X		X	DB
		6+75N		15°	N			X						B	40		X		X	DB
		7+00N		20°	N			X						B	30		X		X	MB
		7+25N		20°	N			X						B	40		X		X	LB
		7+50N		10°	N			X						B	40		X		X	MB
		7+75N		5°	N			X						B	40		X		X	MB
		8+00N		10°	N			X						B	60		X		X	MB
		8+25N		10°	N			X						B	60		X		X	MB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Iskut Palmiere

Area (Grid):

Collectors: Adam + John

Results Plotted By:

Map: N.T.S.: 104 B/15

Date Aug 13/90

Sample Number	Sample Location		Notes	Topography				Vegetation						Soil Data						
	Line	Station		Valley Bottom	Direction of slope	Hill Top	Level Ground	Heavily Wooded	Sparsely Wooded	Burnt	Logged	Grassland	Swampy	Horizon Sampled	Depth to Horizon Sample	Horizon Development: Good	Horizon Development: Poor	Parent Material: Drift	Parent Material: Bedrock	Colour
90YY284c S-N:	3+00W	5+00N					X	X						B	35		X		X	DB
		5+25N		5°	N			X						B	50		X		X	DB
		5+50N		5°	N			X						B	20		X		X	LB
		5+75N		5°	S			X						B	20		X		X	RB
		6+00N		5°	S			X						B	30		X		X	LRB
		6+25N		10°	E			X						B	40		X		X	RB
		6+50N		10°	E			X						B	50		X		X	MB
		6+75N		30°	S			X						B	20		X		X	RB
		7+00N		10°	N			X						B	50		X		X	MB
		7+25N		10°	N			X						B	30		X		X	MRB
		7+50N		5°	S			X						B	20		X		X	LB
		7+75N		5°	N			X						B	60		X		X	DB
		8+00N		10°	N			X						B	60		X		X	RB
		8+25N		20°	N			X						B	30		X		X	B

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Islet Palmiere — Results Plotted By: _____

Area (Grid): _____ — Map: _____ N.T.S.: 104 B/15

Collectors: John & Adam — Date Aug 13/90

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90YY284C 5-N:	4+00N	5+00N		10°	E			X						B	30		X			MRB
		5+25N		10°	E			X						B	30		X			MRB
		5+50N		5°	E			X						B	35		X			MRB
		5+75N					X	X						B	35		X			MRB
		6+00N					X	X						B	35		X			MRB
		6+25N					X	X						B	40		X			MRB
		6+50N		5°	NE			X						B	30		X			MRB
		6+75N	Mysterious C Horizon. (Dark Grey)	10°	NE			X						B/C	35		X			MB
		7+00N	4m. East of station	10°	NE			X						B	60		X			MRB
		7+25N	4m. West of station				X	X						B	30		X			MB
		7+50N		5°	NE			X						B	30		X			MB
		7+75N		10°	NE			X						B	35		X			B
		8+00N		25°	N			X						B	40		X			B
		8+25N		20°	N			X						B	40		X			MB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: (284c) Iskut Palmiere — Results Plotted By: _____

Area (Grid): _____ — Map: _____ N.T.S.: 104 B/15

Collectors: Steve McTague — Date Aug. 13, 90

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90LL284 sph	BL	0+00 N			2°S			X						B	30	X				O
N/S		0+25 N	A Horizon up to 30cm deep, in circular outcrop area																	
90LL284 S-N:		0+50 N			5°S			X						B	25	X				LO
		0+75 N			3°S			X						B	20	X				O
		1+00 N			3°S			X						B	25	X				O
		1+25 N			5°S			X						B	20	X				RB
		1+50 N			0°			X						B	25	X				RB
		1+75 N			0°			X						B	30	X				RB
		2+00 N			3°S			X						B	25	X				RB
		2+25 N			5°S			X						B	20	X				RB
		2+50 N			2°S			X						B	35	X				DRB
		2+75 N			5°S			X						B	30	X				RB
		3+00 N			3°S			X						B	30	X				LOB
		3+25 N			5°S			X						B	30	X				LOB
		3+50 N			15°N			X						B	25	X				OB
		3+75 N			3°E			X						B	35	X				OB
		4+00 N			0°			X						B	40	X				OB
		4+25 N	side of small gulley		15°N			X						B	40	X				LOB
		4+50 N			10°E			X						B	35	X				PB
		4+75 N			15°E			X						B	25	X				LOB
N/S	1+00 W	4+75 N	Edge of Small Hill, Rock under 15cm A Horizon																	
90LL284 S-N:		4+50 N			5°E			X						B	20	X				OB
		4+25 N			3°E			X						B	25	X				OB
		4+00 N			5°N			X						B	20	X				OB
		3+75 N			5°N			X						B	35	X				OB
		3+50 N			5°N			X						B	35	X				OB
N/S		3+25 N																		
90LL284 S-N:		3+00 N			10°E			X						B	35	X				OB
		2+75 N			15°E			X						B	20	X				OB
		2+50 N			17°E			X						B	25	X				OB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: (284c) Iskut Palmiere

Area (Grid):

Collectors: Steve McTague

Results Plotted By:

Map: N.T.S.: 104 B/15

Date Aug. 13, 190

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90LL284c S-10	1+00 W	2+25 N	taken from uprooted tree base		15°S			X						B	30	X				OB
		2+00 N			S/W			X						B	20	X				OB
		1+75 N			0°			X						B	25	X				OB
		1+50 N			0°			X						B	30	X				OB
N/S		1+25 N	moss covered rock, at edge of meadow to SE.																	
90LL284c S-11		1+00 N	Edge of meadow in trees		0°			X						B	25	X				DB
		0+75 N	Edge of meadow in trees, gravelly		5°E			X						B	15	X				RB
N/S		0+50 N																		
90LL284c S-12		0+25 N	B Horizon on many outcrops at south end of meadow in forest		20°S			X						B	25	X				RB
		0+00 N			20°S			X						B	20	X				OB
		0+25 S			20°S			X						B	20	X				OB
		0+50 S			20°S			X						B	15	X				OB
		0+75 S			15°S			X						B	25	X				LRB
		1+00 S	small course stones in soil		35°S			X						B	25	X				LOB
		1+75 S			35°S			X						B	25	X				LB
		1+50 S			40°S			X						B	25	X				B

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Iskut Palmiere 284c.
Area (Grid):
Collectors: Tim Paquette

Results Plotted By:
Map: N.T.S.: 104B/15
Date Aug. 15/90

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
ROPP284cS-N:	L 5+00 W	5+00 N					✓	✓					✓	B	45		✓			DRB
		5+25 N					✓	✓						B	100	✓				MRB
		5+50 N					✓	✓						B	60	✓				MRB
		5+75 N					✓	✓						B	55		✓			MRB
		6+00 N					✓	✓						B	30	✓				MRB
		6+25 N					✓	✓						B	35	✓				MRB
		6+50 N					✓	✓						B	40	✓				MRB
		6+75 N					✓	✓						B	50	✓				MRB
		7+00 N					✓	✓						B	50	✓				MRB
		7+25 N					✓	✓						B	45	✓				MRB
		7+50 N		K°	N			✓						B	55		✓			MRB
		7+75 N		5°	N			✓						B	50		✓			MRB
		8+00 N		10°	N			✓						B	45	✓				MRB
	L 5+00 W	8+25 N	E.O.L	5°	N			✓						B	40		✓			MRB
	L 6+00 W	5+00 N																		MRB
		5+25 N												B	40					MRB
		5+50 N												B	45			✓		MRB
		5+75 N												B	40					MRB
		6+00 N												B	45					MRB
		6+25 N												B	45					MRB
		6+50 N												B	40					MRB
		6+75 N												B	45					MRB
		7+00 N												B	45					MRB
		7+25 N												B	40					MRB
		7+50 N	2m W station											B	40					MRB
		7+75 N												B	45					MRB
		8+00 N												B	50				✓	MRB
ROPP284cS-N:	L 6+00 W	8+25 N	angular Frag. 2m E Stat.											B	40				✓	MRB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Iskut Palmiere 284c

Area (Grid):

Collectors: Tim Paquette

Results Plotted By:

Map: N.T.S.: 104B/15

Date Aug. 15/90

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90PP284cS-N	L3+00W	4+75 N					✓	✓						B	40	✓		—	—	MRB
↓		4+50 N		10°				✓						B	35	✓		✓		MRB
90PP284cS-N		4+25 N	50% angular frag	20°	N			✓						B	45		✓		✓	MRB
N/S		4+00 N	swamp					✓												
N/S		3+75 N	swamp					✓												
90PP284cS-N		3+50 N					✓	✓						B	25	✓		—	—	MRB
↓		3+25 N					✓	✓						B	40	✓		—	✓	MRB
		3+00 N					✓	✓						B	35	✓		—	—	MRB
		2+75 N					✓	✓						B	45	✓		—	—	LRB
		2+50 N					✓	✓						B	35	✓		—	—	MRB
		2+25 N	talus				✓	✓						AB	35		✓		✓	LB
↓		2+00 N		5°	W			✓						B	35	✓		—	—	MRB
90PP284cS-N		1+75 N						✓												
N/S		1+50 N		20°	S			✓						B	35	✓			✓	MRB
90PP284cS-N		1+25 N					✓	✓						B	40	✓		—	—	MRB
↓		1+00 N	base cliff, outcrop	5°	N			✓						B	35	✓			✓	DRB
90PP284cS-N		0+75 N						✓												
N/S		0+50 N		5°	N			✓						B	30	✓		—	—	MRB
90PP284cS-N		0+25 N	finely broken down rock.	5°	N			✓						B	40		✓		✓	MRB
↓		0+00		15°	N			✓						B	25		✓		✓	MRB
		0+25 S		10°	N			✓						B	30	✓		—	—	MRB
		0+50 S		20°	N			✓						B	30	✓		—	—	MRB
↓		0+75 S		10°	SW			✓						B	35	✓		—	—	MRB
90PP284cS-N	L3+00W	1+00 S	E.O.L	30°	N			✓						B	30		✓		✓	MRB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Iskut Palmiere 284c

Area (Grid):

Collectors: Tim Paquette

Results Plotted By:

Map: N.T.S.: 104B/15

Date Aug. 15/90

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
KPP284cS-N	BL 5+00 N	2+75 W		5°	E			✓						B	30	✓		—		MRB
		2+50 W	near swamp				✓	✓						B	35	✓		—		MRB
		2+25 W					✓	✓						B	25	✓		—		MRB
		2+00 W					✓	✓						B	15	✓		—		MRB
		1+75 W					✓	✓						B	20	✓		—		MRB
		1+50 W					✓	✓						B	40	✓		—		MRB
		1+25 W					✓	✓						B	30	✓		—		MRB
		1+00 W	already taken				✓	✓												
		0+75 W					✓	✓						B	20	✓		—		MRB
		0+50 W					✓	✓						B	30	✓		—		MRB
KPP284cS-N	BL 5+00 N	0+25 W	3m E of Stat.				✓	✓						B	30	✓		—		MRB
KPP284cS-N	L 5+00 N	5+75 W		5°	S			✓						AB	50		✓	—		MRB
		5+50 W		10°	S			✓						B	30	✓		—		MRB
KPP284cS-N	L 5+00 N	5+25 W					✓	✓						B	20	✓		—		MRB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Iskut Palmiere 284c

Area (Grid): N

Collectors: A. kaplan

Results Plotted By:

Map: N.T.S.: 104B/15

Date Aug 15/90

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90K284S-	10+00W	1+00S		10	N			X						B	40	X			X	mrb
		0+75S		10	N			X						B	40	X			X	mrb
		0+50S		10	N			X						B	40	X			X	mrb
		0+25S		20	S			X						B	40	X			X	mrb
		0+00N		20	S			X						B	40	X			X	mrb
		0+25N		5	S			X						B	40	X			X	mrb
		0+50N		5	S			X						B	30	X			X	mrb
		0+75N		5	S			X						B	40	X			X	mrb
		1+00N		5	S			X						B	40	X			X	mrb
		1+25N		5	S			X						B	40	X			X	mrb
		1+50N		5	S			X						B	45	X			X	mrb
		1+75N		5	S			X						B	45	X			X	mrb
		2+00N		5	S			X						B	45	X			X	mrb
		2+25N		5	S			X						B	45	X			X	mrb
		2+50N		5	S			X						B	45	X			X	mrb
		2+75N		5	S			X						B	45	X			X	mrb
		3+00N		15	S			X						B	40	X			X	mrb
		3+25N		15	S			X						B	40	X			X	mrb
		3+50N		15	S			X						B	40	X			X	mrb
		3+75N		25	S			X						B	30	X			X	mrb
		4+00N		5	S			X						B	40	X			X	mrb
		4+25N		20	S			X						B	40	X			X	mrb
		4+50N		20	S			X						B	30	X			X	mrb
		4+75N		20	S			X						B	40	X			X	mrb
		5+00N		20	S			X						B	20	X			X	drb
		5+25N		20	S			X						B	40	X			X	drb
		5+50N		5	S			X						B	40	X			X	mrb
		5+75N		5	S			X						B	40	X			X	mrb
		6+00N		5	S			X						B	40	X			X	mrb
		6+25N		5	S			X						B	40	X			X	mrb

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Iskut Palmiere 284c

Area (Grid): N

Collectors: A. Kaplan

Results Plotted By:

Map: N.T.S.: 104B/15

Date Aug 15/90

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90K284cS-	10+00W	6+50N		5	2			X						B	40	X			X	mrb
		6+75N		5	2			X						B	40	X			X	mrb
		7+00N		5	2			X						B	40	X			X	mrb
		7+25N		5	2			X						B	40	X			X	mrb
		7+50N		5	2			X						B	40	X			X	mrb
		7+75N		5	2			X						B	40	X			X	mrb
	↓	8+00N		5	2			X						B	40	X			X	mrb
90K284cS-	5+00N	9+75W		5	2			X						B	40	X			X	mrb
		9+50W		5	2			X						B	40	X			X	mrb
	↓	9+25W		5	2			X						B	40	X			X	mrb
																X				
90K284cS-	9+00W	5+00N		5	2			X						B	40	X			X	mrb
		5+25N		5	2			X						B	40	X			X	mrb
		5+50N		5	2			X						B	40	X			X	mrb
		5+75N		5	2			X						B	40	X			X	mrb
		6+00W		5	2			X						B	40	X			X	mrb
		6+25N		5	2			X						B	40	X			X	mrb
		6+50W		5	2			X						B	40	X			X	mrb
		6+75N		15	2			X						B	40	X			X	mrb
		7+00N		15	2			X						B	40	X			X	mrb
		7+25N		15	2			X						B	40	X			X	mrb
		7+50N		15	2			X						B	40	X			X	mrb
		7+75N		15	2			X						B	60	X			X	mrb
	↓	8+00N		15	2			X						B	40	X			X	mrb

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Iskut Palmiere 284c — Results Plotted By:

Area (Grid): N (North) — Map: — N.T.S.: 104B/15

Collectors: A. Kaplan — Date Aug 16/90

Sample Number	Sample Location: Line	Sample Location: Station	Note:	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Scarsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90K284cSN:	9+00W	1+50S		40	S				X					B	40	X			X	mrb
		1+25S		30	SW				X					B	40	X			X	mrb
		1+00S		30	SW				X					B	40	X			X	mrb
		0+75S		30	SW				X					B	40	X			X	mrb
		0+50S		30	SW				X					B	40	X			X	mrb
		0+25S		30	SW				X					B	40	X			X	mrb
		0+00S		30	SW				X					B	40	X			X	mrb
		0+25N		30	SW				X					B	40	X			X	mrb
		0+50N		30	SW				X					B	40	X			X	mrb
		0+75N		30	SW				X					B	40	X			X	mrb
		1+00N		30	S				X					B	40	X			X	mrb
		1+25N		30	SW				X					B	40	X			X	mrb
		1+50N		30	S				X					B	40	X			X	mrb
		1+75N		30	S				X					B	40	X			X	mrb
		2+00N		5	S				X					B	40	X			X	mrb
		2+25N		5	S				X					B	40	X			X	mrb
		2+50N		5	S				X					B	40	X			X	mrb
		2+75N		5	S				X					B	40	X			X	mrb
		3+00N		20	S				X					B	40	X			X	mrb
		3+25N		20	S				X					B	40	X			X	mrb
		3+50N		20	S				X					B	40	X			X	mrb
		3+75N		20	S				X					B	40	X			X	mrb
		4+00N		20	S				X					B	40	X			X	mrb
		4+25N		20	S				X					B	40	X			X	mrb
		4+50N		10	S				X					B	40	X			X	mrb
		4+75N		10	NE				X					B	40	X			X	mrb

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Iskut Palmiere 284c — Results Plotted By: _____

Area (Grid): NO (North) — Map: _____ N.T.S.: 104B/15

Collectors: A. Kaplan — Date: Aug 16/90

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Boundary: Sharp	Soil Data: Horizon Boundary: Gradual	Soil Data: Percent Gravel	Soil Data: Material: Bedrock	Soil Data: Material: Colour
90K284S-N:	8+00W	2+00N		35	S			X						B	40	X			X	
		2+25N		35	S			X						B	40	X			X	
		2+50N		15	S			X						B	40	X			X	
		2+75N		15	S			X						B	40	X			X	
		3+00N		15	S			X						B	40	X			X	
		3+25N		15	S			X						B	40	X			X	
		3+50N		15	S			X						B	40	X			X	
		3+75N		15	S			X						B	40	X			X	
		4+00N		15	S			X						B	40	X			X	
		4+25N		15	S			X						B	40	X			X	
		4+50N		15	S			X						B	40	X			X	
		4+75N		15	S			X						B	40	X			X	
		5+00N		15	S			X						B	40	X			X	
		5+25N		15	S			X						B	40	X			X	
		5+50N		15	S			X						B	40	X			X	
		5+75N		15	S			X						B	40	X			X	
		6+00N		15	S			X						B	40	X			X	
		6+25N		15	S			X						B	40	X			X	
		6+50N		15	S			X						B	40	X			X	
		6+75N		15	S			X						B	40	X			X	
		7+00N		15	S			X						B	40	X			X	
		7+25N		20	S			X						B	40	X			X	
		7+50N		20	S			X						B	40	X			X	
		7+75N		20	S			X						B	40	X			X	
		8+00N		20	N			X						B	40	X			X	
90K284S-N:	5+00N	8+25N		5	W			X						B	40	X			X	
		8+50N		5	W			X						B	40	X			X	
		8+75N	Swampy area	5	W			X						B	50		X			mb

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Iskut Palmiere 284c

Area (Grid): _____

Collectors: Tim Paquette

Results Plotted By: _____

Map: _____ N.T.S.: 104B/15

Date Aug. 16/90

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90PP284cS-N:	L2+00W	4+75 N					✓	✓						B	35		✓	—		MRB
		4+50 N		10°	N			✓						B	35		✓		✓	MRB
		4+25 N	swampy				✓	✓					✓	B	55		✓	—		DRB
↓		4+00 N	swampy				✓	✓					✓	B	45	✓				MRB
90PP284cS-N		3+75 N	swampy				✓	✓					✓	B	35		✓		✓	MRB
N/S		3+50 N	swampy										✓							MRB
90PP284cS-N:		3+25 N					✓	✓						B	30	✓		—		MRB
		3+00 N					✓	✓						B	30	✓		—		MRB
		2+75 N					✓	✓						B	45	✓		—		DRB
		2+50 N					✓	✓						B	35	✓		—		MRB
		2+25 N					✓	✓						B	40	✓		—		MRB
		2+00 N					✓	✓						B	5	✓		—		MRB
		1+75 N					✓	✓						B	45	✓		—		MRB
		1+50 N					✓	✓						B	40	✓		—		MRB
		1+25 N		5°	S			✓						B	35	✓		—		MRB
		1+00 N		✓				✓						B	30	✓		—		MRB
↓		0+75 N		5°	SW			✓						B	20	✓			✓	MRB
90PP284cS-N:		0+50 N	2m S Station	5°	N			✓						B	25	✓			✓	MRB
N/S		0+25 N																		
90PP284cS-N:		0+00 N		10°	N			✓						B	15	✓			✓	MRB
		0+25 S		10°	N			✓						B	20	✓		—		MRB
		0+50 S		5°	N			✓						B	30	✓		—		MRB
		0+75 S		5°	N			✓						B	30	✓		—		MRB
↓		1+00 S		5°	N			✓						B	40	✓		—		LRB
90PP284cS-N:	L2+00W	1+25 S		25°	N			✓						B	30	✓		—		MRB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Iskut Palmiere 284c

Area (Grid): _____

Collectors: Tim Paquette

Results Plotted By: _____

Map: _____ N.T.S.: 104B/15

Date Aug. 16 /90

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon: Good	Soil Data: Horizon: Development: Poor	Soil Data: Parent: Drift	Soil Data: Parent: Bedrock	Soil Data: Material: Colour
QUPP284cS-N	L 4+00 W	4+75 N					✓	✓						B	30	✓			—	MRB
		4+50 N		5°	N			✓						B	40	✓			—	MRB
		4+25 N		5°	N			✓						B	30	✓			—	MRB
		4+00 N	edge cliff	80°	N			✓						AB	30		✓		✓	MRB
		3+75 N					✓	✓						B	40	✓			✓	MRB
		3+50 N		5°	N			✓						B	15	✓			—	MRB
		3+25 N	taken fallen tree roots.	5°	N			✓						B	—	✓			✓	MRB
		3+00 N					✓	✓						B	25	✓			✓	MRB
		2+75 N		5°	N			✓						AB	20		✓		✓	DRB
		2+50 N		10°	N			✓						B	35	✓			—	MRB
		2+25 N					✓	✓						B	30	✓			✓	MRB
		2+00 N					✓	✓						B	25	✓			—	MRB
		1+75 N					✓	✓						B	35	✓			—	MRB
		1+50 N					✓	✓						B	35	✓			—	MRB
		1+25 N		✓				✓						B	40	✓			—	MRB
		1+00 N		10°	S			✓						B	45	✓			—	MRB
		0+75 N	top cliff				✓	✓						B	50	✓			—	MRB
		0+50 N		10°	N			✓						B	30	✓			—	DRB
QUPP284cS-N	L 4+00 W	0+25 N		5°	N			✓						B	30	✓			—	LRB
	L 5+00 W	4+75 N					✓	✓						B	50		✓		—	DRB
		4+50 N					✓	✓						B	35	✓			—	MRB
		4+25 N					✓	✓						B	45	✓			—	MRB
	L 5+00 W	4+00 N					✓	✓						B	30	✓			✓	MRB
QUPP284cS-N	BL 5+00 N	4+75 W					✓	✓						B	32	✓			—	MRB
		4+50 W					✓	✓						B	40	✓			—	MRB
		4+25 W					✓	✓						B	30	✓			—	MRB
		3+75 W					✓	✓						B	30	✓			—	MRB
		3+50 W		5°	NE			✓						B	30	✓			—	MRB
QUPP284cS-	N: 4+80 W	0+10 N		20°	SW		✓	✓						B	25	✓	✓		✓	MRB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: 284C Iskut Polmiere

Area (Grid):

Collectors: Dave Barker

Results Plotted By:

Map: N.T.S.: 104B/15

Date Aug 17/1990

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90UW284C5	N 8+00W	0+50N					✓		✓					B	35	✓				ORB
90UW284C6	N 8+00W	0+25N		10	5			X	✓					B	30	✓			✓	ORB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Iskut Palmiere

Area (Grid):

Collectors: John and Sean

Results Plotted By:

Map: _____ N.T.S.: 104B/15

Date Aug 17/90

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent	Soil Data: Material: Bedrock	Soil Data: Colour
N/S	5+00W	3+75N	Outcrop w. Bedrock at 20cm.				✓	X						B	20	X			X	MRB
90YY28#cs-N		3+50N																		
		3+25N	Some charred wood @ B Horizon	5°	SE			X						B	30	X			X	LRB
		3+00N		5°	S			X						B	30	X			X	MRB
		2+75N		10°	S			X						B	30	X			X	MRB
		2+50N		8°	S			X						B	20	X			X	LB
		2+25N		20°	S			X						B	10	X			X	DB
		2+00N					✓	X						B	20	X			X	MB
		1+75N	4m. South of station. Beside Talus outcrop	40°	W			X						B	20	X			X	MRB
		1+50N		10°	W			X						B	20	X			X	MRB
		1+25N		10°	SW			X						B	10	X			X	MRB
		1+00N		15°	SW			X						B	10	X			X	MRB
		0+75N		5°	W			X						B	20		X		X	LB
		0+50N	Patch of devil's club	5°	S			X						B	20	X			X	MRB
		0+25N					✓	X						B	10	X			X	MRB
		0+00N		5°	S			X						B	10	X			X	MRB
		0+25S		5°	S			X						B	10	X			X	MRB
		0+50S	Thin A Horizon 2cm.	15°	S			X						B	5	X			X	MRB
		0+75S		20°	S			X						B	10	X			X	MRB
		1+00S		30°	S			X						B	10	X			X	DRB
		1+25S					✓	X						B	20	X			X	DRB
		1+50S		5°	SW			X						B	20	X			X	LRB
		1+75S		15°	S			X						B	20	X			X	LRB
		2+00S		20°	S			X						B	20	X			X	MRB
		2+25S					✓	X						B	20	X			X	LB
		2+50S		20°	E			X						B	20	X			X	MRB
		2+75S					✓	X						B	10	X			X	LRB
↓	↓	3+00S					✓	X						B	20	X			X	LRB
90YY28#cs-S	7+00W	5+25N		30°	S			X						B	20	X			X	MRB
		5+50N		5°	SW			X						B	20	X			X	MRB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Iskut Palmiere

Area (Grid):

Collectors: John and Sean

Results Plotted By:

Map: N.T.S.: 104B/15

Date Aug 17/90

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90YY284C5-N:	7+00 W	5+75N		30°	S			X						B	20	X			X	MRB
↓	↓	6+00N		5°	SW			X						B	20	X			X	MRB
		6+25N		5°	SW			X						B	20	X			X	MRB
		6+50N					✓	X						B	30	X			X	LRB
↓	↓	6+75N	4m. W. of station				✓	X						B	30	X			X	DB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: 284C Iskut Palmiere

Area (Grid):

Collectors: Dale Barker

Results Plotted By:

Map: N.T.S.: 104B/15

Date Aug 18/1990

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent: Drift	Soil Data: Parent: Bedrock	Soil Data: Material: Colour
90VV284KS-N	11+00W	2+50N		100° W				X						B	40	✓			✓	DRB
	11+00W	2+25N		50° S				X						B	30	✓				MRB
	11+00W	2+00N		100° W				X						B	30	✓			✓	LRB
	11+00W	1+75N		100° W				X						B	30	✓			✓	LRB
	11+00W	1+50N		>50° W				✓						B	40	✓			✓	MRB
	11+00W	1+25N						✓												
	11+00W	1+00N		75° W				X						B	40	✓			✓	DRB
	11+00W	0+75N					✓	X						B	40	✓			✓	LRB
↓	11+00W	0+50N	Just A horizon found than Bedrock																	
N/S	11+00W	0+25N		50° to 100° W				X						B	20	✓			✓	MRB
90VV284KS-N	11+00W	0+00N		>50° W				X						B	35	✓			✓	LRB
	11+00W	0+25S					✓		✓					B	30	✓		✓	✓	LRB
	11+00W	0+50S		>50° W				X						B	20	✓		-	✓	LRB
	8+00W	0+00		20° W				X						B	10	✓			✓	MRB
	8+00W	0+25S					✓	X						B	30	✓			✓	MRB
	8+00W	0+50S		100° N				X						B	30	✓			✓	MRB
	8+00W	0+75S		75° N				X						B	35	✓			✓	MRB
	8+00W	1+00S		>25° N				X						B	30	✓		-	✓	MRB
	8+00W	1+25S					✓	X						B	35	✓			✓	MRB
↓	8+00W	1+50S		5° S W				X						B	25	✓			✓	MRB
90VV284KS-N																				

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: 284C Iskut Palmiere

Area (Grid):

Collectors: Dave Barker

Results Plotted By:

Map: N.T.S.: 104-B/15

Date Aug 18/1990

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swamp	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90VV284CSN	5+00N	10+00W					✓		X					B	35	✓				MRB
	5+00N	10+25W			5° to 8W				X					B	40	✓				MRB
	5+00N	10+50W			> 5°W				X					B	50	✓				MRB
	5+00N	10+75W			> 5°W				X					B	40	✓				MRB
N/S	5+00N	11+00W	Out Crop Hill																	
N/S	5+00N	11+25W	Out Crop Hill																	
90VV284CSN	5+00N	11+50W	>5°W at base of hill		> 5°W				X					B	30	✓			✓	LRB
	11+00W	5+25N					✓		X					B	35	✓			✓	MRB
	11+00W	5+50N					✓		X					B	40	✓			✓	MRB
	11+00W	5+75N	3m to E		8° S				✓					B	40	✓			✓	MRB
	11+00W	6+00N	25% Bedrock in sample		5° to 8°S				X					B	15	✓			✓	LRB
	11+00W	6+25N	4m to S.E.		> 5°S				X					B	30	✓			✓	LRB
	11+00W	6+50N					✓		X					B	25	✓			✓	MRB
	11+00W	6+75N			> 5°W					✓				B	35	✓			✓	MRB
	11+00W	7+00N			10° W				X					B	30	✓			✓	MRB
	11+00W	7+25N			5° S				X					B	30	✓			✓	MRB
	11+00W	7+50N			5° W				X					A-B	25	✓			✓	LRB
	11+00W	7+75N					✓		X					B	30	✓			✓	MRB
	11+00W	8+00N			20° W					✓				B	30	✓			✓	MRB
N/S	11+00W	4+75N	STR. ON OUTCROP Slope 30° to 40°																	
90VV284CSN	11+00W	4+50N			10° S				X					B	30	✓				ORB
	11+00W	4+25N			5° to 10°W				X					B	25	✓			✓	ORB
	11+00W	4+00N			> 5° SW					✓				B	50	✓			✓	MRB
N/S	11+00W	3+75N	base of outcrop hitting rock																	
90VV284CSN	11+00W	3+50N					✓			✓				B	40	✓			✓	ORB
	11+00W	3+25N			10° W					✓				B	30	✓			✓	MRB
	11+00W	3+00N			15° SW					✓				B	35	✓			✓	MRB
	11+00W	2+75N			10° W				X					B	30	✓			✓	MRB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Iskut Palmiera — Results Plotted By: _____

Area (Grid): _____ — Map: _____ N.T.S.: 104B/15

Collectors: John and Sean — Date Aug 18/90

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90YY28#c S-N:	7+00 W	7+00N					✓	X						B	20	X			X	MRB
		7+25N		10°	S			X						B/A	50		X		X	MRB
		7+50N					✓	X						B	30	X			X	LRB
		7+75N					✓	X						B	50	X			X	DRB
		8+00N					✓	X						B	50	X			X	MRB
↓	↓	8+25N	3m. East of station. Base of outcrop	5°	SW			X						B	40	X			X	LB
90YY28#c S-N:	7+00 W	4+75N		20°	W			X						B	30	X			X	MRB
		4+50N		20°	S			X						B	40	X			X	MRB
		4+25N		10°	SW			X						B	20	X			X	LRB
		4+00N		35°	S			X						B	10	X			X	LRB
		3+75N		15°	SE			X						B	10	X			X	DRB
		3+50N		50	S			X						B	70	X			X	DB
		3+25N		15°	W			X						B	20	X			X	DB
		3+00N		35°	SW			X						B	20	X			X	MRB
		2+75N	3m. from station	5°	W			X						B	20	X			X	MRB
		2+50N					✓	X						B	20	X			X	MRB
↓	↓	2+25N	Rocky on hill	10°	SW				X					B	20		X		X	LB
N/S		2+00N																		
90YY28#c S-N:	7+00 W	1+75N		30°	S			X						B	30	X			X	LB
		1+50N	4m. South of station. Lake to West	15°	W			X						B	30	X			X	DB
		1+25N					✓	X						B	30	X			X	MRB
		1+00N		5°	N			X						B	30	X			X	MRB
		0+75N					✓	X						B	30	X			X	MRB
		0+50N		5°	N			X						B	40	X			X	DRB
		0+25N	Incredibly rocky. Beside outcrop	15°	S				X					B	30		X		X	LB
		0+00N		25°	S			X						B	5	X			X	MB
		0+25S		20°	S			X						B	10	X			X	MRB
		0+50S		10°	S			X						B	10	X			X	MRB
↓		0+75S					✓	X						B	20	X			X	LRB
90YY29#c S-N:	7+00 W	1+00S					✓	X						B	20	X			X	MRB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Iskut Palomino

Area (Grid):

Collectors: John and Sean

Results Plotted By:

Map: N.T.S.: 104B/15

Date Aug 18/90

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90YY284CS-N1	7+00W	1+25S					✓	X						B	20	X			X	RRB
		1+50S		100	S			X						B	30	X			X	LRB
		1+75S	Dry + Rocky	15°	S			X						B	30		X		X	LB
		2+00S	4m North of station. Swampy Area	5°	S			X						B	50		X		X	DB
90YY284CS-N2	BL/5+00N	8+00W	5m. W. of station	10°	E			X						B	15		X		X	LB
		7+75W					✓	X						B	15	X			X	LRB
		7+50W		40	SW			X						B	30	X			X	LB
		7+25W		5°	S			X						B	20	X			X	LRB
		7+00W		5°	S			X						B	30	X			X	LB
		6+75W		6°	S			X						B	30	X			X	DB
		6+50W		5°	S			X						B	20	X			X	DRB
		6+25W		6°	S			X						B	35	X			X	LRB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Iskut Palmiere

Area (Grid):

Collectors: John and Sean

Results Plotted By:

Map: N.T.S.: 104B/15

Date Aug 19/90

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90YY28#c S-N:	6+00 W	4+75N		5°	S			X						B	40		X		X	DRB
		4+50N					✓	X						B	20	X			X	MRB
		4+25N	3m. W. of station. On outcrop	5°	S			X						B	20		X		X	DRB
		4+00N		5°	S			X						B	30	X			X	MRB
		3+75N	5m. SE of station	10°	S			X						B	30	X			X	MRB
		3+50N					✓	X						B	40	X			X	MRB
		3+25N		5°	W			X						B	40	X			X	LRB
		3+00N		25°	W			X						B	30		X		X	LB
		2+75N	4m. W. of station	25°	W			X						B	40	X			X	DRB
		2+50N		25°	SW			X						B	30		X		X	DRB
		2+25N		25°	W			X						B	20	X			X	MRB
90YY28#c S-N:		2+00N					✓	X						B	30	X			X	MRB
		1+75N		5°	SW			X						B	40	X			X	LRB
		1+50N		5°	S			X						B	30	X			X	LRB
		1+25N		10°	SW			X						B	40		X		X	MRB
		1+00N		5°	W			X						B	20	X			X	DRB
		0+75N					✓	X						B	20	X			X	MRB
		0+50N		10°	W			X						B	20	X			X	MRB
		0+25N		35°	S			X						B	40	–	X		X	MRB
		0+00N	10cm of A Hor. then Talus	30°	SW			X						B	10		X		X	MRB
		0+25S		5°	W			X						B	20		X		X	DRB
		0+50S		20°	W			X						B	20	X			X	MB
		0+75S		10°	W			X						B	20	X			X	MRB
		1+00S		10°	W			X						B	20	X			X	MRB
		1+25S	3m. W. of station	5°	W			X						B	40	X			X	LB
		1+50S		40°	S			X						B	30	X			X	MB
		1+75S	Dug under overturned tree	15°	W			X						B	5	X			X	MRB
		2+00S		5°	S			X						B	20	X			X	DRB
		2+25S	Took ½ from trunk, ½ from ground	5°	S			X						B	10	X			X	LB
90YY28#c S-N:		2+50S		5°	SW			X						B	50	X			X	DB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: *Iskut Palmiere*

Area (Grid):

Collectors: *John and Sean*

Results Plotted By:

Map: N.T.S.: *104B/15*

Date *Aug 19/90*

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90YY294c5-N:	6+00 W	2+75 S	Devil's club patch	5°	S				X					B	30	X			X	DRB
90YY294c5-N:	6+00W	3+00S		20°	S			X						B	40	X			X	DRB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: (284c) Iskut Palmiere

Area (Grid):

Collectors: Steve McTague

Results Plotted By:

Map: N.T.S.: 104 B/15

Date Sept. 13/90

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90LL284c S-S:	L0+00S	0+00W	W. of lake/Course soil		0°							X		B	50	X				DB
N/S		0+50W	N.W. of lake/outcrop slope		8°W							X		B	25		X			DB
90LL284c S-S:		1+00W	60% rock in soil/course		25°W							X		B	25		X			B
↓		1+50W	Angular Fragments		26°W				X			X		B	25		X			DB
		2+00W	Shalley																	
N/S		2+50W	Shalley soil		40°W				X					B	25		X			DB
90LL284c S-S:		3+00W	B/B with Shale																	
N/S		3+50W	55°W Slope / Rock																	
N/S		4+00W	base of Slide/Shale area		45°W				X					AB	20		X			DB
90LL284c S-S:		4+50W	Shalley																	
N/S		5+00W	Shalley Bc Horizon		0°				X					B	15	X				DB
90LL284c S-S:		5+50W			20°W				X					B	20	X				DRB
↓		6+00W																		
N/S		6+50W	outcrop Area on 40% Slope																	
90LL284c S-S:		7+00W			35°W			X						B	30	X				DB
↓		7+50W			28°W			X						B	25	X				DB
N/S	L1+25N	8+00W	Rock Slide Slope																	
N/S	↓	8+50W	Too Steep																	
90LL284c S-S:	L700F	1+25N	Course Fragments		35°W			X						B	25		X			B
90LL284c S-S:	L600F	1+25N			30°W			X						B	30		X			B
↓	L500F	1+25N	Angular Fragments		35°W			X						B	30		X			DB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Iskut Palmiere (284c)

Area (Grid):

Collectors: Steve McTague / Rick Hensinger

Results Plotted By:

Map: N.T.S.: 104 B/15

Date Sept 16/90

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swamay	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
TO #B45-N	L0+00W	5+27 N	Small rocks in soil / below outcrop		7° SE			X						B	35	X				OB
	↓	5+25 N	2m E of Stn.		0°			X						B	30	X				OB
	↓	5+13 N	5m W of heli Pad		0°			X						B	30	X				RB
	0+25 W	5+37 N	Outcrop to S.E.		5° N			X						B	20	X				RB
	↓	5+25 N			0°			X						B	25	X				OR
	↓	5+13 N			0°			X						B	30	X				ROB
	0+25 E	5+37 N	outcrop to W.		3° N			X						B	30	X				OB
	↓	5+25 N			3° N			X						B	30	X				LOB
	↓	5+13 N	W. of heli Pad		2° N			X						B	25	X				OB
	0+00 W	7+63 N			0°			X						B	30	X				RB
	↓	7+75 N			5° E			X						B	35	X				ORB
	↓	7+87 N			17° N			X						B	35	X				LB
	0+25 E	7+63 N			5° S			X						B	30	X				ROB
	↓	7+75 N			15° S			X						B	35	X				MRB
	↓	7+87 N			13° N			X						B	50	X				RB
	0+25 W	7+63 N			0°			X						B	30	X				RB
	↓	7+75 N	gravelly		0°			X						B	25	X				RB
	↓	7+87 N	gravelly		0°			X						B	30	X				ROB
	L1+00 W	6+87 N			10° N			X						B	35	X				RB
	↓	6+75 N			0°			X						B	50	X				RB
	↓	6+63 N			0°			X						B	35	X				RB
	0+75 W	6+87 N			0°			X						B	30	X				RB
	↓	6+75 N			0°			X						B	30	X				RB
	↓	6+63 N			5° N			X						B	30	X				ORB
	1+25 W	6+87 N			3° S			X						B	35	X				ROB
	↓	6+75 N			5° N			X						B	30	X				RDB
					OR			X						B	30					ROB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Eshut Palmiere (284c)

Area (Grid):

Collectors: Steve McTague / Rich Hansinger

Results Plotted By:

Map: N.T.S.: 104 B/15

Date Sept 16/90

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development Good	Soil Data: Horizon Development Poor	Soil Data: Parent Material Drift	Soil Data: Parent Material Bedrock	Soil Data: Colour
90H284S-N	2+00W	7+25N			28°N			X						B	30	X				LOB
	↓	7+37N			25°N			X						B	30	X				RDB
		7+50N	Coarse soil		20°N			X						B	35	X				OB
	↓	7+62N			0°			X						B	50	X				RB
	2+25W	7+62N	rocky B Horizon		2°N			X						B	40	X				OR
		7+50N			13°N			X						B	40	X				RB
		7+37N	coarse soil		15°N			X						B	35	X				RO
		7+25N			10°N			X						B	30	X				RB
	↓	7+13N	Small rocks in soil		4°N			X						B	25	X				ORB
	L2+00W	7+13N			0°			X						B	35	X				RB
	L1+75W	7+13N			18°N			X						B	35	X				RB
		7+25N			20°N			X						B	30	X				RB
		7+37N			20°NW			X						B	40	X				RB
		7+50N			15°NW			X						B	35	X				RB
	↓	7+62N			25°NW			X						B	40	X				RDB
	L2+00W	6+67N			15°N			X						B	40	X				RB
		6+50N			8°N			X						B	40	X				RB
	↓	6+38N			5°N			X						B	35	X				RB
	2+25W	6+67N	layers of orange + red soil Horizon		5°N			X						B	35	X				GRB
		6+50N			6°N			X						B	30	X				RB
	↓	6+38N			5°N			X						B	30	X				RB
	1+75W	6+67N			15°N			X						B	40	X				ORB
		6+50N			12°N			X						B	35	X				RDB
	↓	6+38N			10°N			X						B	40	X				ORB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Ichut Palmiere (284c)

Area (Grid): _____

Collectors: Steve McTague / Rich Honsinger

Results Plotted By: _____

Map: _____ N.T.S.: 104 B/15

Date Sept 16/90

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90HAB45-N	4+00W	7+12N	Andesitic Brecciated stones in soil		18°N			X						B	35	X				OB
	↓	7+00N			10°N			X						B	30	X				ROB
	↓	6+88N			3°N			X						B	30	X				LOB
	3+25W	7+12N			20°N			X						A	35	X				OB
	↓	7+00N			25°N			X						B	40	X				ORB
	↓	6+88N			0°			X						B	50	X				RB
	2+75W	7+12N			0°			X						B	35	X				RDB
	↓	7+00N			0°			X						B	35	X				RB
	↓	6+88N			3°SE			X						A	25	X				RB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Iskut Palmlere

Area (Grid): North

Collectors: C Davis D Lutynski

Results Plotted By:

Map: N.T.S.: 104B/15

Date September 16, 1990

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample (cm)	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90L284S-N	4+00W	5+75N			0°				S					B	28	✓				OB
	↓	5+87.5N			30E				↓					↓	24		X			DB
	4+25W	5+62.5N			20E										30	✓				OB
	↓	5+75N			0°										33	✓				DB
		5+87.5N			5°										33	✓				OB
	3+75W	5+62.5N			0°										31	✓				DB
	↓	5+75N			20W										31	✓				DB
		5+87.5N			20E										28	✓				OOB
		5+62.5N			50E										30	✓				OB
90L284S-N	4+00W	6+12.5N			30W										38	✓				OOB
	↓	6+25N			0°										37		X			B
		6+37.5N			0°										45	✓				OB
		6+50N			0°										35		X			ODB
		6+62.5N			20W										44		X			B
	4+25W	6+62.5N			50W										39	✓				OB
	↓	6+50N			0°										46	✓				OB
		6+37.5N			0°										36	✓				B
		6+25N			0°										34	✓				DB
		6+12.5N			30N										46	✓				DOB
	3+75W	6+12.5N			0°										40		X			B
	↓	6+25N			50N										43	✓				OO
		6+37.5N			50E										45	✓				OB
		6+50N			30E										33		X			B
		6+62.5N			30N										35	✓				ODB

OB → Orange Brown
ODB → Orange Dark Brown
DB → Dark Brown

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Robert Palmiere

Area (Grid): North

Collectors: C. Davies P. Latynski

Results Plotted By:

Map: N.T.S.: 104B/15

Date September 16, 1990

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample (cm)	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90L24-C-SM	3+75 W	8+12.5 N			15°N				✓					B	35	✓				DoB
		8+00 N			15°N										33	✓				DoB
		7+87.5 N			3°N										34	✓				DoB
		7+75 N			2°N										36	✓				DoB
		7+62.5 N			5°N										33	X				DoB
		7+50 N			10°E										39	✓				DoB
		7+37.5 N			2°E			*							34	✓				DoB
		7+25 N			15°N										38	✓				DoB
		7+12.5 N			10°N										36	✓				DoB
	4+00 W	8+12.5 N			12°N										42	✓				DoB
		8+00 N			20°N										36	✓				DoB
		7+87.5 N			5°N										36	✓				DoB
		7+75 N			2°N										33	✓				DoB
		7+62.5 N			0°N										33	✓				ORB
		7+50 N			0°N										26	✓				DoB
		7+37.5 N			15°E										42	✓				DB
		7+25 N			30°E										36	✓				DB
		7+12.5 N			5°N										28	✓				DB
	4+25 W	8+12.5 N			3°N										40	✓				RB
		8+00 N			15°N										30	✓				ORB
		7+87.5 N			15°N										40	✓				RB
		7+75 N			15°W										35	✓				RB
		7+62.5 N			5°N										50	✓				LB
		7+50 N			0°N										45	✓				RB
		7+37.5 N			0 N										32	✓				LB
		7+25 N			5°N										37	✓				DoB
		7+12.5 N			0°N										30	X				DoB

RB → Red Brown

DoB → Dark Orange Brown

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Iskut Palmiere (284c)
Area (Grid): N
Collectors: Steve McTague / Piotri Lutynski

Results Plotted By:
Map: N.T.S.: 104 B/15
Date Sept 17/90

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90284s-N	2+00 W	0+37.5 S			8°W			X						B	35	X				OB
	↓	0+50 S	charcoal pieces in top layer of B. Hor.		5°W			X						B	30	X				RB
		0+62.5 S			3°W			X						B	35	X				RB
	1+75 W	0+37.5 S			10°W			X						B	30	X				RB
N/S	↓	0+50 S																		
90284s-N		0+62.5 S	Course Soil		8°W			X						B	30	X				ROB
	2+25 W	0+37.5 S			8°W			X						B	30	X				ROB
		0+50 S			8°W			X						B	30	X				ORB
	↓	0+62.5 S	Small rocks in soil		10°W			X						B	25	X				RB
	6+00 W	1+37.5 S	below outcrop / gravelly		37°W			X						B	30	X				ORB
		1+50 S	large angular Fragments		37°W			X						B	35	X				DB
	↓	1+62.5 S	very gravelly B. horizon		37°W			X						B/C	45	X				DB
	5+75 W	1+37.5 S	gravelly		38°W			X						B	30	X				OLB
		1+50 S	gravelly		38°W			X						B	30	X				OLB
	↓	1+62.5 S	very gravelly		35°W			X						B	30	X				DB
	6+25 W	1+37.5 S	angular Fragments		35°W			X						B	30	X				OB
		1+50 S	2 layers LB/RB/LB 3-5cm pieces		35°W			X						B	30	X				RB/LB
	↓	1+62.5 S	large angular pieces		35°W			X						B	30	X				ROB
	6+00 W	1+87.5 S			30°S			X						B	40	X				RB
		2+00 S			45°S			X						B	35	X				ROB
	↓	2+12.5 S			28°S			X						B	40	X				RB
	6+25 W	1+87.5 S			20°S			X						B	30	X				ORB
		2+00 S			28°S			X						B	30	X				ROB
	↓	2+12.5 S	gravelly		25°S			X						B	30	X				RB
	5+75 W	1+87.5 S			15°E			X						B	30	X				LOB
		2+00 S			8°S/E			X						B	30	X				RB
								X						B						RB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Eskut Palmiere (284c)
Area (Grid): W
Collectors: Steve McTague / Piotri Cutymski

Results Plotted By:
Map: N.T.S.: 104 B/15
Date Sept. 17/90

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90LBVcS-N1	7+00W	0+68.5S			2° NW			X						B	35	X				ORB
	↓	0+75 S			0°			X						B	35	X				ORB
	↓	0+87.5 S			0°			X						B	35	X				DRB
	6+75W	0+62.5 S	Course Soil		0°			X						B	40	X				RB
	↓	0+75 S			0°			X						B	40	X				LOB
	↓	0+87.5 S			0°			X						B	40	X				LOB
	7+25W	0+62.5 S			0°			X						B	35	X				RB
	↓	0+75 S			0°			X						B	35	X				DRB
↓	↓	0+87.5 S			2° NW			X						B	35	X				DRB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Iskut Palmiere
Area (Grid): North
Collectors: C. Dawes R. Honsinger

Results Plotted By:
Map:
N.T.S.: 104B/15
Date: September 17, 1990

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample cm	Horizon Development: Good	Horizon Development: Poor	Parent Material: Drift	Parent Material: Bedrock	Colour
90H28½ 3N	9+00 W	5+37 N			0°			✓						B	31	✓				DRB
↓	9+00 W	5+25 N			0°			↓						↓	38	✓				DRB
	9+00 W	5+13 N			0°										33	✓				DRB
	9+25 W	5+13 N	There seemed to be an Ashy layer.		0°										34	✓				LOB
	9+25 W	5+25 N			0°										46	✓				DOB
	9+25 W	5+37 N			0°										45	✓				DRB
	8+75 W	5+37 N			5°W										33		X			LGB
	8+75 W	5+25 N			0°										27	✓				LRB
↓	8+75 W	5+13 N			3°W			↓						↓	31	✓				LOB
90H28½ 5N	9+00 W	7+87 N			4°NE			✓						B	43	✓				DRB
↓	9+00 W	7+75 N			0°			↓						↓	38		X			DB
	9+00 W	7+63 N			2°E										40		X			DB
	9+25 W	7+63 N			0°										36	✓				DRB
	9+25 W	7+75 N			5°NE										40	✓				LOB
	9+25 W	7+87 N			0°										36	✓				DB
	8+75 W	7+87 N			0°										40		X			DRB
	8+75 W	7+75 N	These two were taken from an old		0°									A	45	✓				Black
↓	8+75 W	7+63 N	pond bottom. Lots of Devil's club		0°			↓						A	37	✓				Black

DRB → Dark Reddish Brown
LOB → Light Orange Brown
DOB → Dark Orange Brown
LGB → Light Greyish Brown
LRB → Light Reddish Brown
DB → Dark Brown

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Ishut Palmers (284)
Area (Grid): North
Collectors: C. Davies R. Honsinger

Results Plotted By:
Map: N.T.S.: 104B/15
Date September 17, 1990

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample (cm)	Soil Data: Horizon: Development: Good	Soil Data: Horizon: Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90H284-5	L 3+00W	5+00N			0				✓					B	30	✓				DRB
	3+00W	4+87.5N			5NW										40	X				RB
	3+00W	4+75N			5NW										33	X				LB
	3+00W	4+62.5N			0										39	X				RB
	3+00W	4+50N			10S										26	✓				DRB
	3+00W	4+37.5N			20S										30	✓				DRB
	3+00W	5+12.5N			0										33	✓				DB
	3+25W	4+37.5N			20S										29	X				DB
	3+25W	4+50N			0										33	✓				DOB
	3+25W	4+62.5N			30W										38	✓				RB
	3+25W	4+75N			20W										25	✓				DRB
	3+25W	4+87.5N			0										41	✓				Black
	3+25W	5+00N			20W										33	✓				Black
	3+25W	5+12.5N			0										39	✓				DB
	2+75W	5+12.5N			30E										35		✓			DB
	2+75W	5+00N			30E										38	✓				DB
	2+75W	4+87.5N			30E										33	✓				DOB
	2+75W	4+75N			0										28	✓				DOB
	2+75W	4+62.5N			5SE										40	✓				OB
	2+75W	4+50N			15SE										22	✓				DB
	2+75W	4+37.5N			10SE										22		✓			DB

DRB – Dark Reddish Brown
RB – Reddish Brown
LB – Light Brown
DB – Dark Brown
DOB – Dark Orangy Brown
OB – Orangy Brown

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Ishut Palmiere (284c)
Area (Grid): North
Collectors: C. Davies R. Honsinger

Results Plotted By:
Map: N.T.S.: 104B/15
Date September 17, 1980

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample (cm)	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
104B/284c-5N	5+00W	7+12N			35°NE				✓					B	28	✓				OB
	5+00W	7+00N			0										32		X			OB
	5+00W	6+88N			0										38	✓				OB
	5+25W	6+88N			0										33	✓				BB
	5+25W	7+00N			5°W										35	✓				DOB
	5+25W	7+12N			0										41		X			OB
	4+75W	7+12N			0										30	✓				DRB
	4+75W	7+00N			20°NE										40	✓				DRB
	4+75W	6+88N			5°NE										29		✓			RB
104B/284c-5N	7+00W	7+62N			15°NE				✓					B	32	✓				DB
	7+00W	7+75N			0										33		X			DB
	7+00W	7+87N			10°NE										35		X			DB
	7+25W	7+87N			2°NE										36	✓				DRB
	7+25W	7+75N			5°SW										36	✓				DRB
	7+25W	7+63N			15°NE										33	✓				DRB
	6+75W	7+63N			0										33	✓				DB
	6+75W	7+75N			5°NE										40	✓				DRB
	6+75W	7+87N			2°NE										36	✓				DB

OB → Orangy brown
DB → Dark Brown
DOB → Dark Orangy Brown
DRB → Dark Reddish Brown
RB → Reddish Brown

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Ishut Palmare (284c)

Area (Grid): North

Collectors: Steve McTague / Piotr Lutynski

Results Plotted By: _____

Map: _____ N.T.S.: 104 B/15

Date Sept. 18/90

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
906284c5-m	9+00 W	1+37.5 S	Coarse rocky soil		10°E			X						B	30	X				RB
		1+50 S	gravelly		35°SE			X						B	25	X				DB
		1+62.5 S	Angular rocks in B Hor		10°S			X						B	30	X				B
	9+25 W	1+37.5 S			5°SE			X						B	35	X				LOB
		1+50 S	heavily gravelled		40°S			X						B/C	50	X				Chemical Block
		1+62.5 S	gravelly		40°S			X						B	50	X				B
	8+75 W	1+37.5 S			5°S			X						B	30	X				LOB
		1+50 S	Gravelly		20°S			X						B	30	X				LOB
N/S		1+62.5 S	Top of outcrop edge / Gray Ash colored A Hor.					X												
	10+00 W	0+12.5 N			18°SW			X						B	30	X				RB
		0+25 N			18°SW			X						B	35	X				ROB
		0+37.5 N			10°SW			X						B	30	X				LOB
	10+25 W	0+12.5 N			15°S			X						B	40	X				RB
		0+25 N			15°S			X						B	35	X				ROB
		0+37.5 N	Shallow A Horizon		5°SE			X						B	30	X				RB
	9+75 W	0+12.5 N			15°S			X						B	25	X				ORB
		0+25 N	Shallow A Horizon		15°S			X						B	25	X				ORB
		0+37.5 N	Shallow A Horizon		15°S			X						B	25	X				ORB
	9+00 W	2+12.5 N			3°S				X					B	30	X				ORB
		2+25 N			0°				X					B	30	X				OB
		2+37.5 N			0°				X					B	30	X				OB
	9+25 W	2+12.5 N			0°				X					B	30	X				DB
		2+25 N			0°				X					B	30	X				ROB
		2+37.5 N			0°				X					B	30	X				ORB
	8+75 W	2+12.5 N			0°				X					B	30	X				OB
		2+25 N	Easy to reach B Hor. / A Hor. 5cm deep		0°				X					B	30	X				OB

APPENDIX 5

Soil Anomaly Investigations

TABLE 3: Summary of Soil Anomalies Investigations		
Location	**Anomalous Result (Duplicate Result(s))**	**Remarks**
0+00N/5+25N	3.3 ppm Ag (2.3)	- surrounding soil results up to 2.5 ppm Ag; anomaly site located in a NE trending depression; outcrop of barren lapilli tuff nearby
0+00N/7+75N	3.1 ppm Ag (2.2)	- anomaly site in east-west depression; surrounding results up to 2.6 ppm Ag; barren lapilli tuff nearby
1+00W/6+75N	3.4 ppm Ag (2.3)	- anomaly site near edge of east-west depression; surrounding results up to 3.4 ppm Ag; silicified and brecciated lapilli tuff nearby
2+00W/0+50S	53 ppm As (1)	- surrounding results at background levels; tuff breccia exposures nearby
2+00W/6+50N	4.6 ppm Ag (2.6)	- anomaly site in east-west depression; other soils up to 2.6 ppm Ag; no outcrop in the vicinity
2+00W/7+25N /7+50N	623 ppm Zn, 28 ppm Mo, (625, 49) 125 ppm Pb, 528 ppm Zn, 51 ppm As, 151 ppm Mo (8, 91, 1, 1)	- surrounding soils returned up to 30 ppm Pb, 282 ppm Zn, 1 ppm As and 1 ppm Mo; no bedrock exposed in area; large northeast to east trending depression in the area
3+00W/5+00N /4+75N /4+50N	4.1 ppm Ag (1.8) 70 ppm As (1) 58 ppm As (1)	- surrounding soils up to 2.7 ppm Ag and 1 ppm As; a few exposures of tuffaceous wacke and brecciated lapilli tuff in the area
3+00W/7+00N	3.6 ppm Ag (2.1)	- anomaly site in north trending depression; other soil results up to 2.5 ppm Ag; no outcrop
4+00W/5+75N	3.7 ppm Ag (2.4)	- surrounding soils up to 2.9 ppm Ag; a few tuff breccia exposures and gullies in the area
4+00W/6+25N /6+50N	6.6 ppm Ag (1.1) 3.9 ppm Ag (3.6)	- surrounding results up to 3.2 ppm Ag; a few exposures of tuff breccia and depressions in the vicinity

4+00W/7+25N /7+50N /7+75N /8+00N	360 ppm Zn (83) 3.3 ppm Ag (3.0) 3.6 ppm Ag (2.6) 4.0 ppm Ag (2.1)	- surrounding results up to 3.1 ppm Ag and 1, 187 ppm Zn; a few gullies and tuff breccia outcrops in the area; no source(s) found
5+00W/7+00N	62 ppm As (1)	- other soils returned 1 ppm As; tuffaceous wacke and tuff breccia to southeast and southwest
6+00W/1+50S /2+00S	70 ppm As (1) 68 ppm As (1)	- all soils returned 1 ppm As; tuff breccias and silicified feldspar porphyries in the area
7+00W/0+75S	69 ppm As (1)	- all soils returned 1 ppm As; anomaly site in depression
7+00W/7+75N	101 ppm As (3)	- site within depression; surrounding soils returned up to 41 ppm As
9+00W/1+50S	64 ppm As (21)	- soil to the west returned 24 ppm As; other results are 1 ppm As; exposures of silicified feldspar porphyry and tuff in the area; several gullies
9+00W/2+25N	53 ppm As (1)	- surrounding soils at 1 ppm As; Zn results ranged from 73 to 205 ppm; no outcrop in the area
9+00W/5+25N	54 ppm As (1)	- all soils returned 1 ppm As; flat area with no outcrop and several swampy areas nearby
9+00W/7+75N	57 ppm As (1)	- all samples returned 1 ppm As; swampy area with no outcrops
10+00W/0+25N	344 ppm Zn (462)	- surrounding results ranged from 30 to 221 ppm Zn; a few tuff breccia exposures nearby

Ishut Palmere (284c)

PREVIOUS SOIL ANOMALY (Ag 1990 INVESTIGATION
File:)

1) **Location:** 0+00W/5+25N

2) **Previous Value(s):** 3.3ppm Ag

3) **Year Collected:** '90

4) **Date of Investigation:** Sept. 16/90

5) **Investigator(s):** Steve McTague/Rich Honsinger

6) **Description of Previous Sample Collected:**
90YY 284c S-N: L0+00W/5+25N
Sample was located 2m North of Stn. with a depth of 30 cm. a B Horizon of orange Brown colour was reached.

7) **Description of New Sample:**
A soil was taken from a depth of 30cm with orange Brown colour. The B Horizon was well developed and a level area of heavy wooded forest.

8) **Description of Topography:**
The anomaly area was fairly level and heavyly wooded with a mature forest. very little outcrop was found.

9) **Results of Investigation:**
The anomaly centre is located in a small gulley/depression which trends ENE. A small moss covered outcrop is composed of andesitic, monolithic tuff/breccia, highly fractured & calcite ff. locally silic.

10) **Conclusions:**
No immediate source for the Ag in soils was determined.

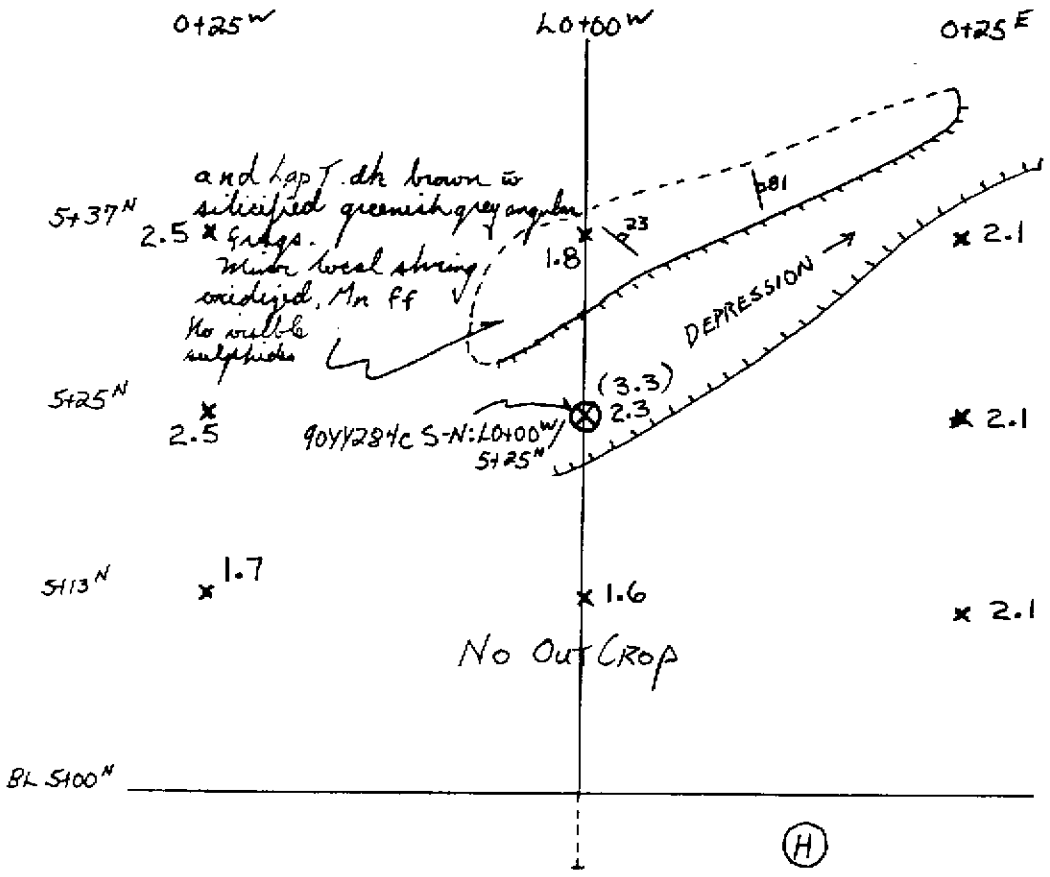
ISKUT - PALMIERE (284c)
SOIL ANOMALY FOLLOW-UP

SEPT 16th/90

J. HONSINGER / S. McTAGUE

PREVIOUS ANOMALY: 90YY284c S-N: L0+00W / 5+25N

ANOMALOUS VALUE : 3.3ppm Ag



SLOPE DIRECTION:

x FOLLOW UP SOIL SAMPLE LOC'N

O PREVIOUS SOIL ANOMALY LOC'N

(3.3) original result (ppm Ag)

and lapT andesitic lapilli tuff

0 5 10 15 20 25 M

1:500

Ickut Palmiere (284c)

PREVIOUS SOIL ANOMALY (Ag 1990 INVESTIGATION

1) **Location:** 0+00W/7+75N

2) **Previous Value(s):** 3.1ppm Ag

3) **Year Collected:** '90

4) **Date of Investigation:** Sept. 16/90

5) **Investigator(s):** Steve McTague / Rick Hansingen

6) **Description of Previous Sample Collected:**
90YY 284c S-N: 0+00W/7+75N
a red Brown Soil was reached at 25cm.
a good development was noticed.

7) **Description of New Sample:**

At a depth of 35cm a B horizon with Dark Red Brown colour was reached.

8) **Description of Topography:**

Area of anomaly is fairly level and heavyly wooded with nature forest.

9) **Results of Investigation:**

The anomaly centre is located in a small gulley which trends ?ESE. A moss covered outcrop 15m due south of the anomaly centre is composed of tuff breccia no visible sulphides, w cal ff.

10) **Conclusions:**

No immediate source was discovered to account for the silver in soils anomaly.

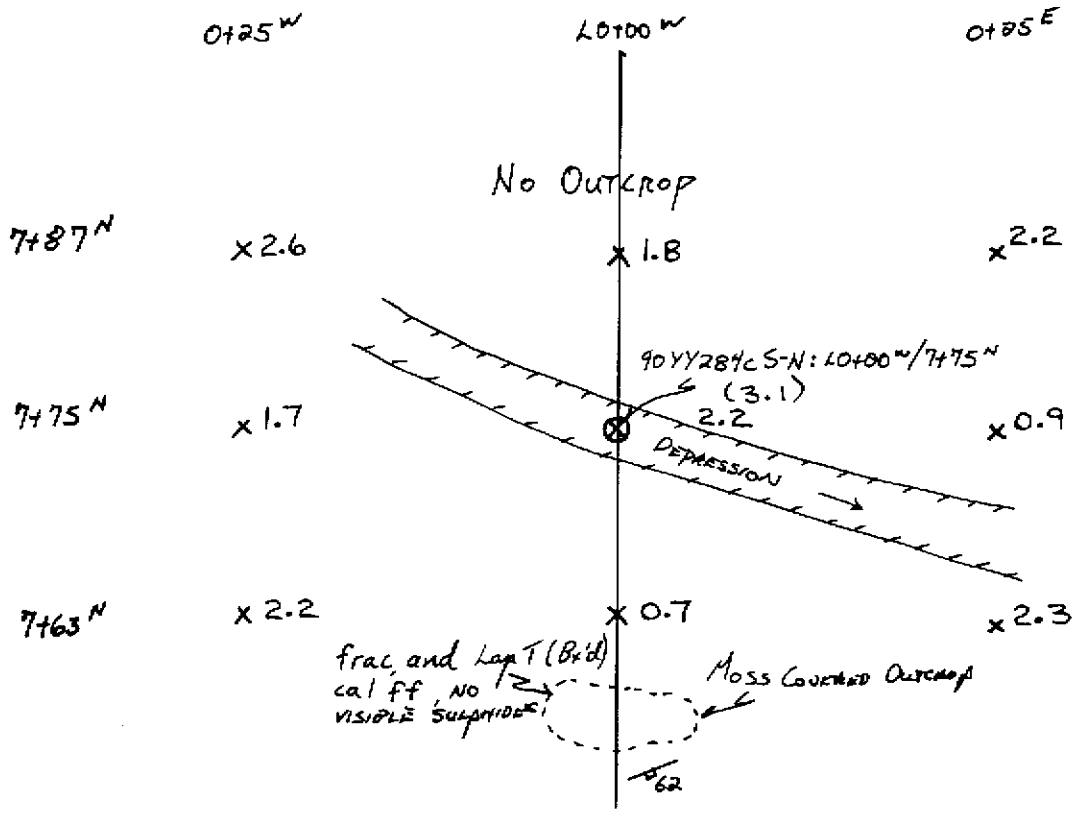
ISKUT PALMIERE (284c)
SOIL ANOMALY FOLLOW-UP

SEPT 16th/90

J. HONSINGER / S. McTAGUE

PREVIOUS ANOMALY: 90YY284c S-N: L0+00W/7+75N

ANOMALOUS VALUE: 3.1ppm Ag



SLOPE DIRECTION: ↓

x FOLLOW-UP SOIL SAMPLE LOC'N

O PREVIOUS SOIL ANOMALY LOC'N

(3.1) original result (ppm Ag)

LapT lapilli tuff

0 5 10 15 20 25 M

1:500

Ishut Palmiere (284c)

PREVIOUS SOIL ANOMALY : Ag 1990 INVESTIGATION

1) **Location:** 1+00W/6+75N

2) **Previous Value(s):** 3.4 ppm Ag

3) **Year Collected:** '90

4) **Date of Investigation:** Sept. 16/90

5) **Investigator(s):** Steve McTague / Rich Honsinger

6) **Description of Previous Sample Collected:**
90YY284C S-N: 1+00W/6+75N
a soil of red orange brown at 20cm was reached.

7) **Description of New Sample:**
a red brown soil was reached at a depth of 50cm with a good B horizon development.

8) **Description of Topography:**
area of anomaly is fairly level and heavily wooded with mature forest.

9) **Results of Investigation:**
The anomaly centre is located on the north flank of a small E-W trending gully. Small outcrop 25m to the SE is composed of andesitic, monolithic tuff breccia, silicified to Mn5%Fe Ok ff. Fracture 123/85S No visible sulphides.

10) **Conclusions:**
No immediate source for the silver in soil anomaly was located.

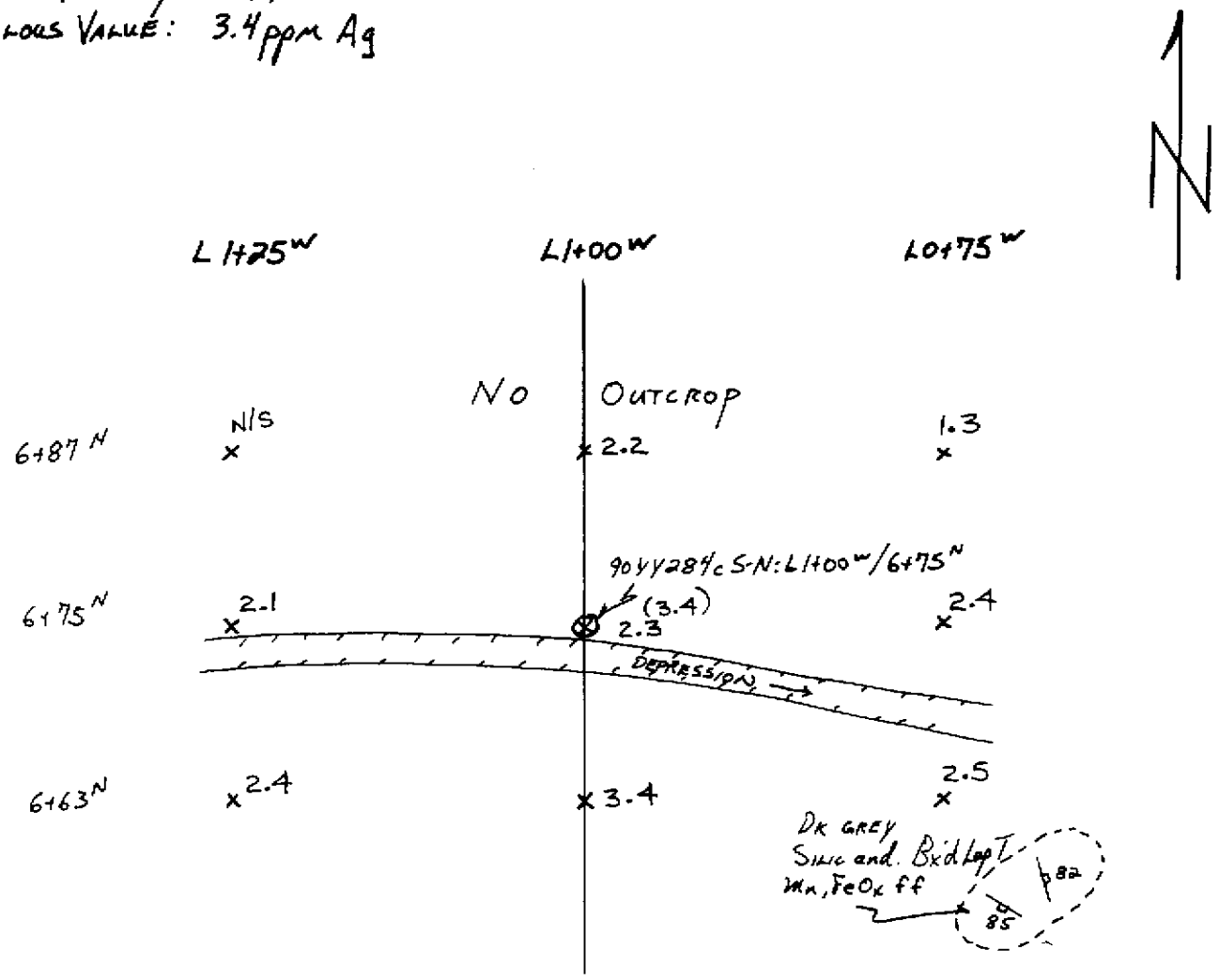
Iskut Palmiere (284c)
Soil Anomaly Follow-Up

Sept 16th/90

R. Honsinger / S. McTague

Previous Anomaly: 90yy 284c S-N: L1+00W/6+75N

Anomalous Value: 3.4ppm Ag



Slope Direction: 1

x Follow-Up Soil Sample Loc'n

O Previous Soil Anomaly Loc'n

(3.4) original anomaly (ppm Ag)

LapT lapilli tuff

0 5 10 15 20 25 M

1:500

Eskut Palmiere (284c) PROJECT

PREVIOUS SOIL ANOMALY (As Element) 1990 INVESTIGATION

1) **Location:** 2+00W/0+50S

2) **Previous Value(s):** 53 ppm As

3) **Year Collected:** '90

4) **Date of Investigation:** Sept. 17/90

5) **Investigator(s):** Steve McTague / Piotr Lutynski

6) **Description of Previous Sample Collected:**
Sample taken from the depth ~30cm.
Soil colour: orange brown

7) **Description of New Sample:**
A new sample was reached at 30 cm in depth with a color of Red brown. a good B horizon. was found.

8) **Description of Topography:**
Area sloped to the north. a few outcrops to the South of anomaly in a heavy wooded forest.

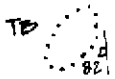
9) **Results of Investigation:**
Investigated area is underlain by tuff breccia. exposed in several small outcrops.
Rock consists of angular fragment, highly siliceous (up to 80%) and a little bit softer matrix.

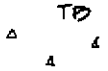
10) **Conclusions:**
Source of the mineralization was not found.

Keewatin Engineering Inc

Iskut Palmiere
Soil anomaly follow up
2+00W/0+50S
Sept. 17/90

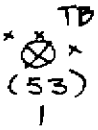
2+25W | 2+00W | 1+75W





0+37.5S

•1 | depression | •1 | •1



0+50S

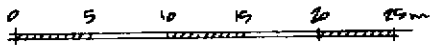
•1 | •1 | •N/S

0+62.5S

•1 | •1

Prefix 90L284c S-N:

- • detailed soil site
- ⊗ duplicate soil site
- (53) original result (ppm As)
- ⁘, x outcrop (large, small)
- Δ float
- TB tuff breccia
- N/S no sample



Scale 1:500

Ishut Palmiere (284c)

PREVIOUS SOIL ANOMALY (Ag Element) 1990 INVESTIGATION

1) **Location:** L2+00W/6+50N

2) **Previous Value(s):** 4.6 ppm Ag

3) **Year Collected:** '90

4) **Date of Investigation:** Sept. 16/90

5) **Investigator(s):** Steve McTague/Rick Honsinger

6) **Description of Previous Sample Collected:**
90XY284c S-N: L2+00W/6+50N
Previous sample was Red brown at a depth of 15 cm with a good B horizon development.

7) **Description of New Sample:**
At a depth of 40 cm a red brown soil was reached with a good B horizon development.

8) **Description of Topography:**
The area of anomaly sloped generally to the North from 5° – 15° in slope.

9) **Results of Investigation:**
A small depression/gully trending ENE is present immediately north of the original soil anomaly.
No exposed outcrop exists in the area.

10) **Conclusions:**
No source for the Ag in soil anomaly was discovered.

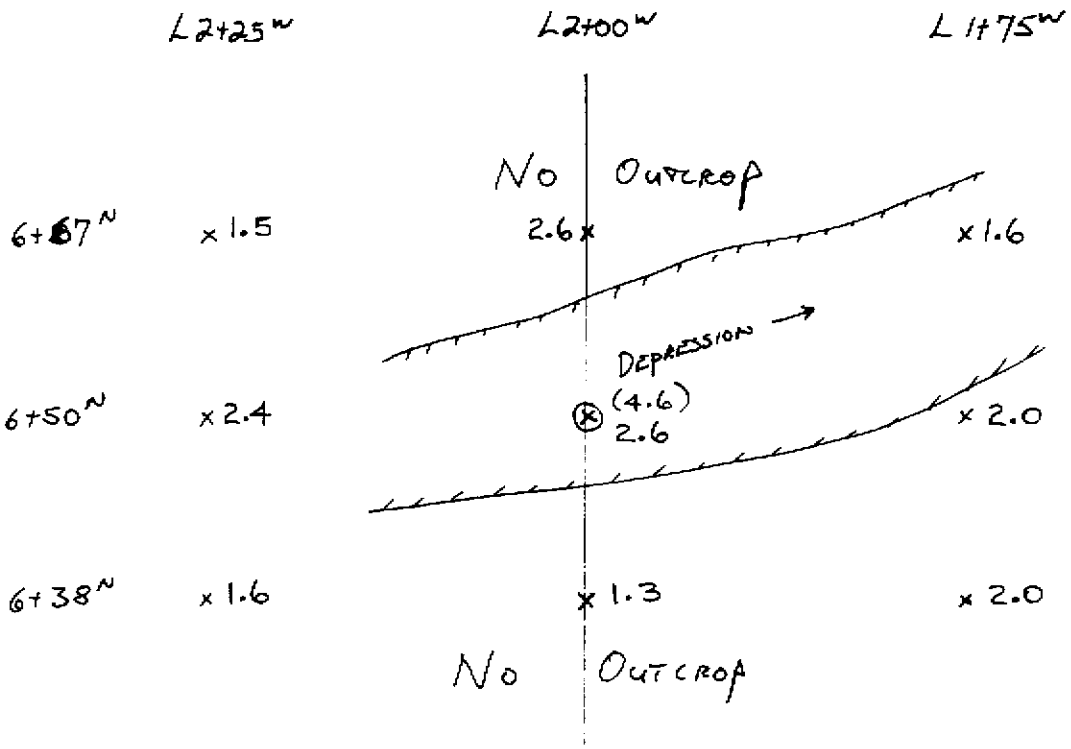
Iskut Palmiere (284c) Soil Anomaly Follow-Up

Sept 16th/90

R. Honsinger / S. McTague

Previous Anomaly: 90YY284c S-N: L2+00W/6+50N

Anomalous Value: 4.6ppm Ag

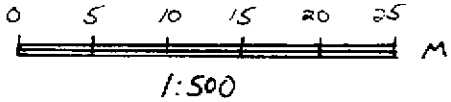


Slope Direction: ↑

x Follow-Up Soil Sample Loc'n

O Previous Soil Anomaly Loc'n

(4.6) original result (ppm Ag)



1:500

Ishut Palmiere (28%) PROJECT

PREVIOUS SOIL ANOMALY (Zn, Mo 1990 INVESTIGATION
Electrum

1) **Location:** L2+00W / 7+25N

2) **Previous Value(s):** 623ppm Zn, 28ppm Mo

3) **Year Collected:** '90

4) **Date of Investigation:** Sept. 16/90

5) **Investigator(s):** Steve McTague / Rich Honsinger

6) **Description of Previous Sample Collected:**
90YY284C S-N: L2+00W / 7+25N
A orange brown soil was reached at 15 cm with a good B horizon development.

7) **Description of New Sample:**

A Light orange brown soil was sampled at 30 cm with a good B Horizon development.

8) **Description of Topography:**

Area of anomaly has rolling hills running to the N., N.W. in a heavy wooded area.

9) **Results of Investigation:**

A series of gently undulating hills trending NNE crossing the general NNW 10° slope. The area has no exposed outcrop.

10) **Conclusions:**

The series of undulating NNE trending hills may represent underlying structures enriched in Zn and Mo (Completely hypothetical - no outcrop observed)

Iskut Palmiere (284c) GRID

PREVIOUS SOIL ANOMALY (Pb, Zn / As, Mo Elements) 1990 INVESTIGATION

1) **Location:** L2+00W/7+50N

2) **Previous Value(s):** 125ppm Pb, 528ppm Zn, 51ppm As, 151ppm Mo

3) **Year Collected:** '90

4) **Date of Investigation:** Sept. 16/90

5) **Investigator(s):** Steve McTague / Rick Honsinger

6) **Description of Previous Sample Collected:**
90YW284C S-N: L2+00W/7+50N
Previous sample was taken at 30cm with Orange brown. a good B horizon development was noticed with small rock Fragments found in soil.

7) **Description of New Sample:**
A orange brown soil was taken at 35cm. a good B horizon was noticed in a course soil.

8) Description of Topography:
Area of anomaly does rolling hills running to the the N., N.W. in a heavy wooded area.

9) **Results of Investigation:**
No exposed outcrop is found in the area.

10) **Conclusions:**
No immediate source for the anomaly was determined although the NNE trending hills may represent underlying mineralized structures.

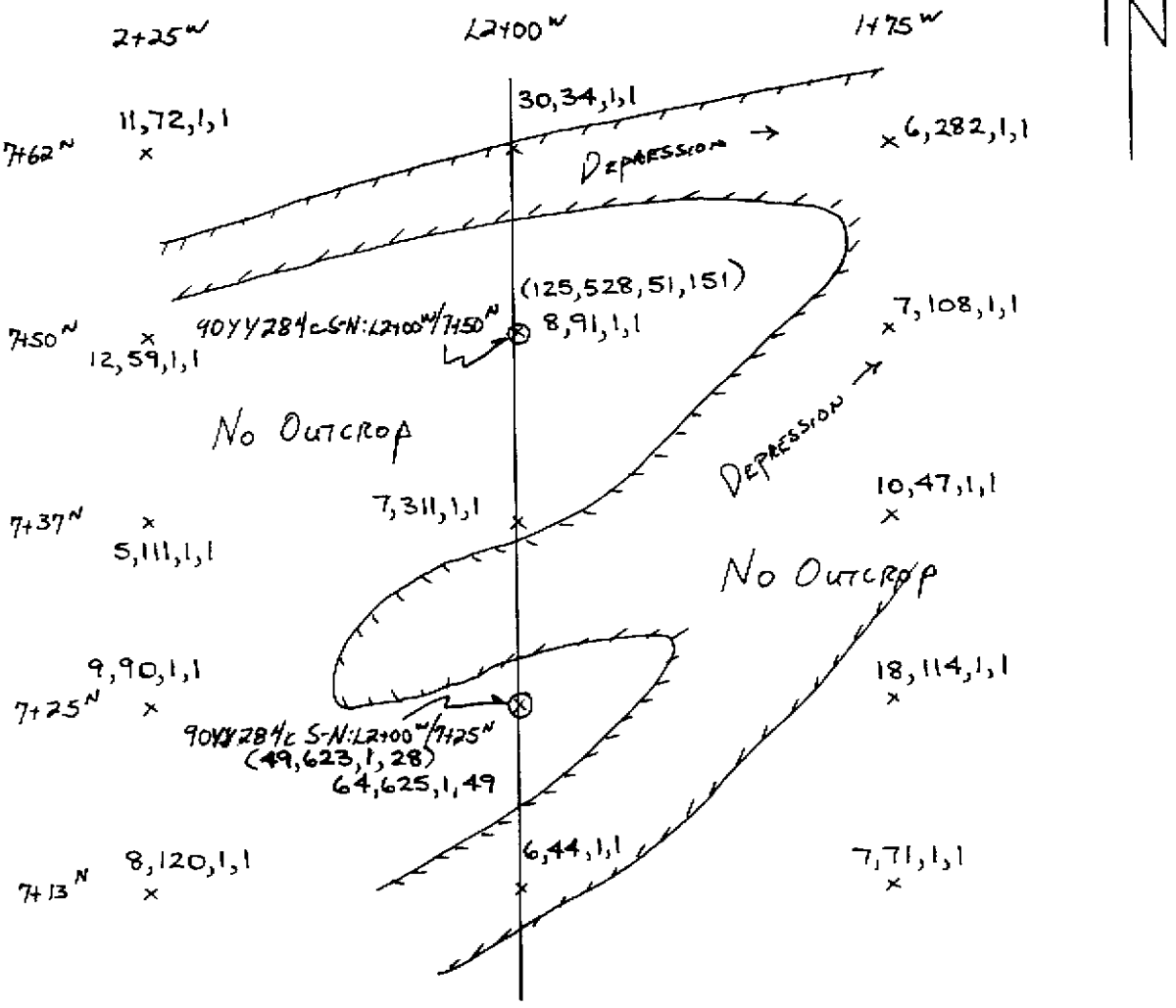
Iskut Palmiere (284c)
Soil Anomaly Follow-Up

Sept 16th/90

K. Honsinger / S. McTague

Previous Anomalies: 90YY284c S-N: L2+00W/7+50N & 90YY284c S-N: L2+00W/7+75N

Anomalous Values: 125 ppm Pb, 528 ppm Zn, 51 ppm As, 151 ppm Mo — 623 ppm Zn, 28 ppm Mo



Slope Direction:

x Follow-up Soil Sample Loc'n

O Previous Soil Anomaly Loc'n

(125,528,51,151) original result (ppm Pb, Zn, As, Mo)

Isbut Falmere

PREVIOUS SOIL ANOMALY (Ag, As Elements) '90 INVESTIGATION

1) **Location:** L 3+00W/5+00N, L 3+00W/4+75N, 3+00W/4+50N

2) **Previous Value(s):** → 4.1 ppm Ag, → 70 ppm As, → 58 ppm As

3) **Year Collected:** 1990

4) **Date of Investigation:** September 17, 1990

5) **Investigator(s):** C. Davies + R. Honinger

6) **Description of Previous Sample Collected:**
L 3+00W/5+00N → Not found (90YY284C S-N: BL 5+00N/3+00W
L 3+00W/4+75N → 25cm deep, very rooty + mossy, dark brown soil (90PP284C S-N: L3+00W/4+
L 3+00W/4+50N → 25cm deep. Light dark brown soil (90PP284C S-N: L3+00W/4+5

7) **Description of New Sample:**
L 3+00W/5+00N → 30cm deep, no rock fragments, 0° slope, dark reddish brown soil, good development.
L 3+00W/4+75N → 33cm deep, 5° slope facing NW. Light brown soil. Fair soil dev.
L 3+00W/4+50N → 26cm deep 10° slope facing S. Dark orangy brown soil. Good soil dev.

8) **Description of Topography:**
Sparse forest, mature stands w little underbrush
Gently sloping hills, 10° to the north, w a slope break to the south (30°) @ 4+50N.

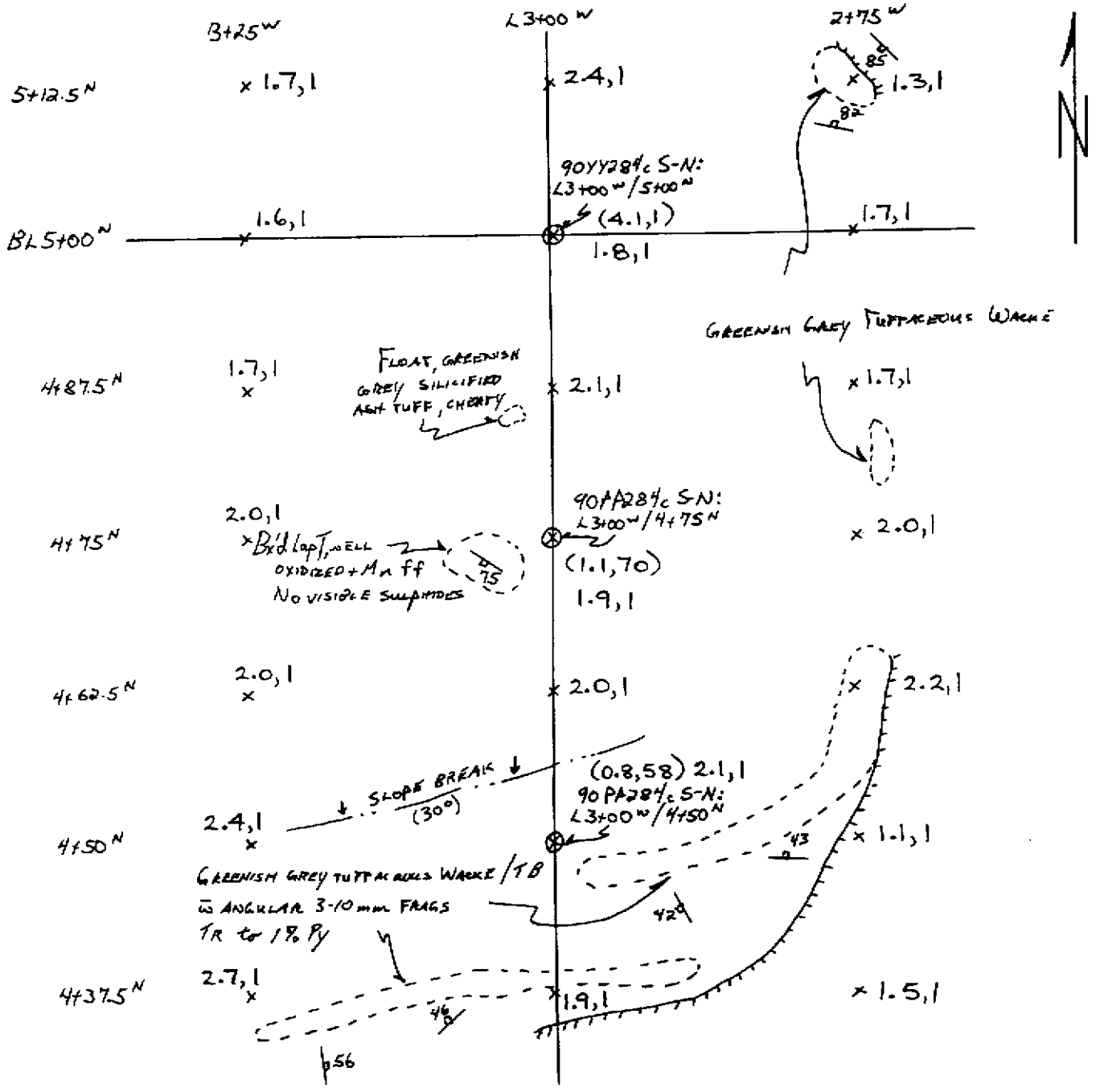
9) **Results of Investigation:**
Outcrop is exposed south of 4+50N along the ridge trending E-W, and is composed of greenish grey Tuff ox w Fy - 1% Py, strongly oxidized (Mn, FeOx) Fract. Proximal to 4+75N/3+00W, float of greenish grey silicified ash tuff is present.

10) **Conclusions:**
No immediate source for the anomalous As and Ag in soils was determined

Iskut Palmiere (284c)
Soil Anomaly Follow-Up

Sept 17th/90
R. Honsinger / C. Davies
Previous Anomaly: 90YY284c S-N: L3+00W/5+00N, 90PP284c S-N: L3+00W/4+75N, 90PP284c S-N: L3+00W, 4+50N

Anomalous Values: 4.1 ppm Ag , 70 ppm As , 58 ppm As



0 5 10 15 20 25 M
1:500

Slope Direction:
x Follow-Up Soil Sample Loc'n
O Previous Soil Anomaly Loc'n
(1.1,70) original result (ppm Ag, As)
LapT lapilli tuff

Ishut Palmiere (284c) PROJECT

PREVIOUS SOIL ANOMALY (Ag Element) 1990 INVESTIGATION

1) **Location:** L3+00 W / 7+00 N

2) **Previous Value(s):** 3.6ppm Ag

3) **Year Collected:** '90

4) **Date of Investigation:** Sept. 16/90

5) **Investigator(s):** Steve McTague / Rick Honsinger

6) **Description of Previous Sample Collected:**
90XY284C S-N: L3+00 W / 7+00 N
Previous sample was taken at 15 cm. a Grey Soil Sampled with Good B Horizon development with red brown colour.

7) **Description of New Sample:**
A red orange brown soil was taken at 30cm with good B horizon development.

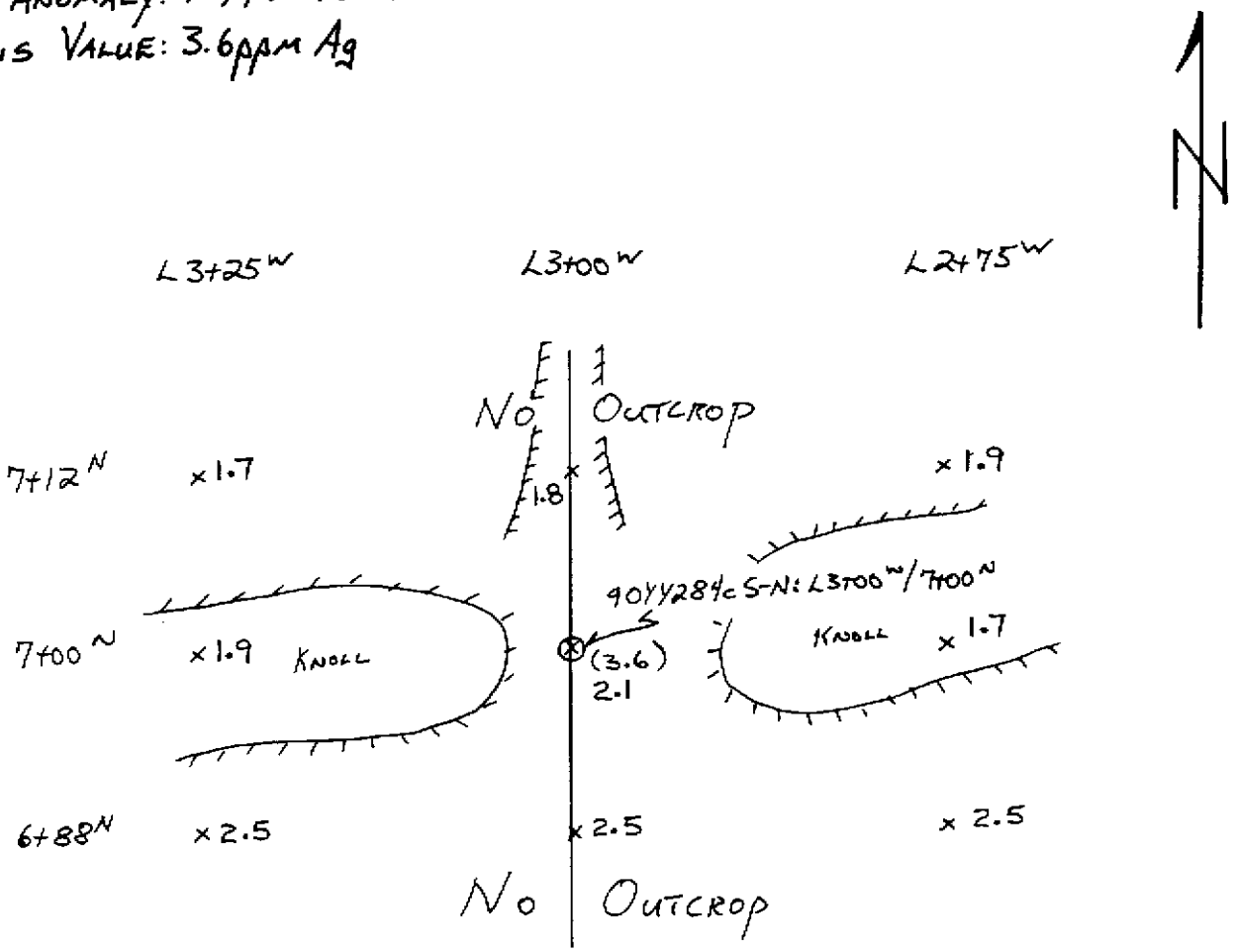
8) **Description of Topography:**
Area of anomaly sloped North (10°) to S.E (5°) at the lower area in a heavy wooded area.

9) **Results of Investigation:**
The anomalous sample was collected at the head of a small gulley trending north. No exposed outcrop exists in the area.

10) **Conclusions:**
The source for the Ag in soil anomaly is at present undetermined.

Iskut Palmiere (284c)
Soil Anomaly Follow Up

Sept 16th /90
R. Honsinger / S. McTague
Previous Anomaly: 90YY284c S-N: L3+00W/7+00N
Anomalous Value: 3.6ppm Ag



Slope Direction 1
x Follow Up Soil Sample Loc'n
O Previous Soil Anomaly Loc'n
(3.6) original result (ppm Ag)

0 5 10 15 20 25 m
1:500

Iskut Palmers

PREVIOUS SOIL ANOMALY (Fig B) 1990 INVESTIGATION

1) **Location:** 4100W 5+75N

2) **Previous Value(s):** 3.7 PPM

3) **Year Collected:** '90

4) **Date of Investigation:** Sept. 16/90

5) **Investigator(s):** C. Davies, P. Lutynski

6) **Description of Previous Sample Collected:**
- previous hole was 23cm deep
- very rooty + rooty
- B horizon
- 0° slope W.

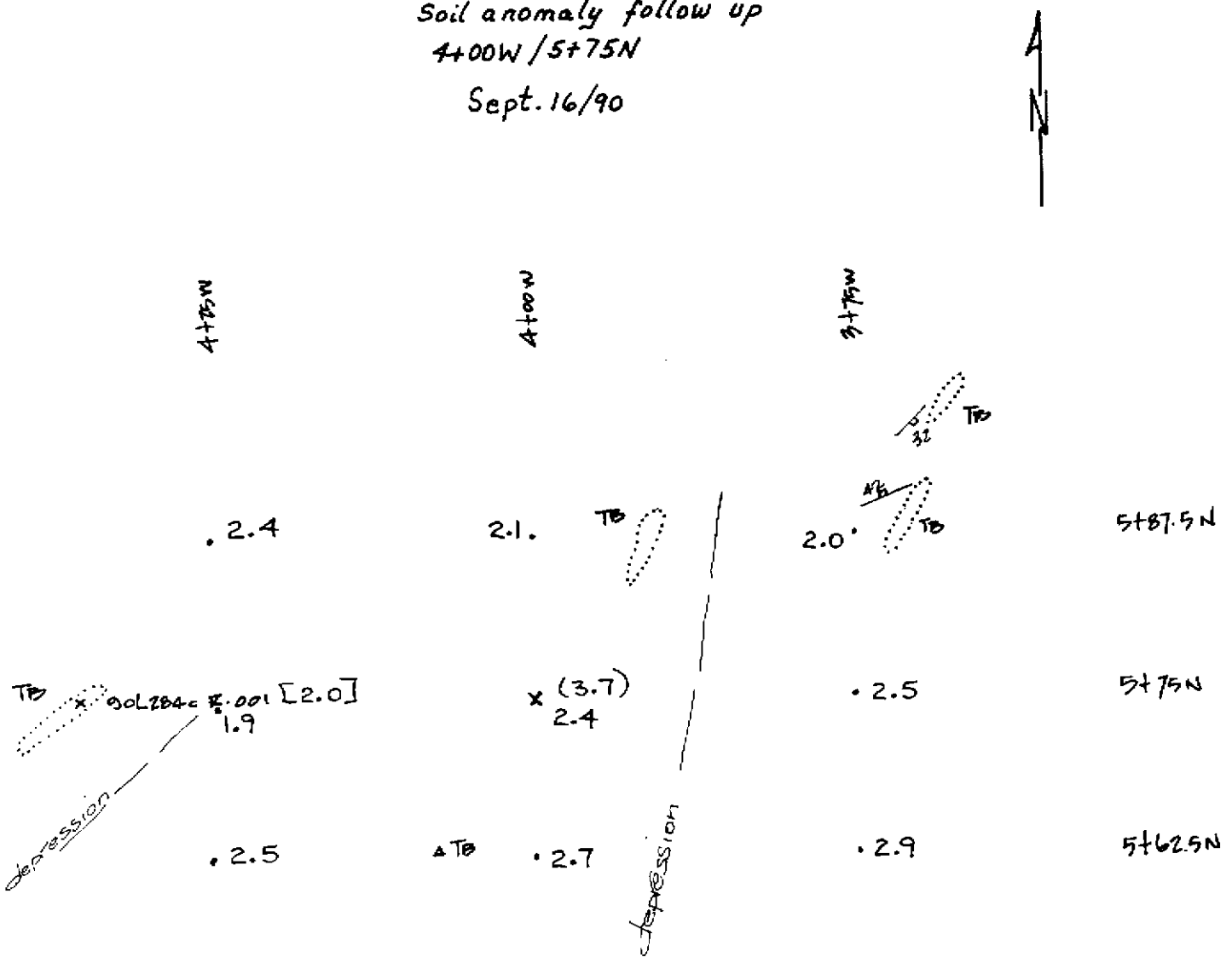
7) **Description of New Sample:**
- hole is 28cm deep
- Orange Brown soil no rock fragments.
- rooty & many
- good development.

8) **Description of Topography:**
Sparse forest
slight slopes.

9) **Results of Investigation:**
Investigated area is underlain by tuff breccia. Rock exposed is fine grained grey, consists of 2% to angular (up to 5cm diameter) rock fragments.
Rock sample 90L284cR-001 was taken from the tuff breccia which contains up to 3(4)% disseminated pyrite.

10) **Conclusions:**
No immediate source of the mineralization was found

Iskut Palmiere
Soil anomaly follow up
4+00W / 5+75N
Sept. 16/90



Prefix 90L284c S-N:

- • detailed soil site
- x duplicate soil site
- (3.7) original result (ppmAg)
- x 90L284cR-001 rock sample
- ∴ outcrop
- Δ float
- TB tuff breccia

0 5 10 15 20m

Scale 1:500

Isabit Palmer

PREVIOUS SOIL ANOMALY (Ag ppm) 1990 INVESTIGATION

1) **Location:** L4+00W 6+25N

2) **Previous Value(s):** 6.6 PPM

3) **Year Collected:** '90

4) **Date of Investigation:** Sept 16/90

5) **Investigator(s):** C Davies – P. Lutynski

6) **Description of Previous Sample Collected:**
Previous sample collected from a depth of 40cm., medium red brown B/horizon.

7) **Description of New Sample:**
Sample was taken from the B horizon 37cm deep. Very mossy. Sample has organics in it. No rock fragments, brown in colour. The soil development is fair.

8) **Description of Topography:**
Sparse forest
Gently sloping hills.

9) **Results of Investigation:**
Two outcrops of tuff breccia were mapped within the investigated area. Rock appears to be siliceous. (especially rock fragments).

10) **Conclusions:**
Source of the mineralization was not found.

Iskut Palmiet

PREVIOUS SOIL ANOMALY (Au Element) 1990 INVESTIGATION

1) **Location:** L 400W 6+50N

2) **Previous Value(s):** 3.9PPM.

3) **Year Collected:** '90

4) **Date of Investigation:** Sept 16/90

5) **Investigator(s):** C. Davies P. Lutynski

6) **Description of Previous Sample Collected:**
Collected from 5° NE slope, 30cm deep medium red brown B horizon soils.

7) **Description of New Sample:**
Sample was taken from B horizon 35cm deep. There is a lot of moss + roots. The sample has a lot of organics in it. The sample was taken at a 0° slope. No rock fragments and the soil development was fair. Dark orange brown in colour.

8) **Description of Topography:**
Sparse forests
Gently sloping hills.

9) **Results of Investigation:**
see L400W/6+25N

10) **Conclusions:**
Source of the mineralization was not found.

Iskut Palmiere
Soil anomaly follow up
4+00W/6+25N, 6+50N
Sept. 16/90

4+25W	4+00W	3+75W	
. 2.3	. 2.1	. 2.5	6+62.5N
. 0.9	⊗ (3.9) 3.6	. 3.2	6+50N
. 1.8	. 2.5	. 2.3	6+37.5N
. 1.8	⊗ (6.6) 1.1	. 3.0	6+25N
. 2.9	. 2.9	. 3.1	6+12.5N

TB
depression
TB
depression

Prefix 90L284c S-N:

. detailed soil site
⊗ duplicate soil site
(3.9) original result (ppm Ag)
TB tuff breccia

0 5 10 15 20 25m
Scale 1:500

Isabel Palmiere

PREVIOUS SOIL ANOMALY (ZN Elements) 1990 INVESTIGATION

1) **Location:** L 4100W 7+25N

2) **Previous Value(s):** 360 ppm

3) **Year Collected:** '90

4) **Date of Investigation:** Sept 16/90

5) **Investigator(s):** C. Davis – P. Lutynski

6) **Description of Previous Sample Collected:**
Taken 4m west of stn. 30 cm deep medium brown B horizon. Moderately well developed soil. Relatively level ground.

7) **Description of New Sample:**
Sample was taken from B horizon 36cm deep. The soil is a dark brown colour taken on a slight 3° slope facing the NE. There were no rock fragments and the soil development was good.

8) **Description of Topography:**
Sparse forest
Gently sloping hills.

9) **Results of Investigation:**
Investigated area is underlain by tuff breccia. Rock consists of ~80% angular fragments (highly siliceous) ±20% soft matrix
Rock sample 90L284cR-002 was taken from altered Tuff breccia with oxidation on the rock surface.

10) **Conclusions:**
Source of the mineralization was not found

Talbut Palmiere

PREVIOUS SOIL ANOMALY (Hy Bleiwas) 1990 INVESTIGATION

1) **Location:** L 4400W 7+50N

2) **Previous Value(s):** 3.3 PPM

3) **Year Collected:** '90

4) **Date of Investigation:** Sept 16/90

5) **Investigator(s):** C. Davis P- Lutynski

6) **Description of Previous Sample Collected:**
Taken from a 5° NE trending slope. 30cm deep B horizon, medium brown, moderate development.

7) **Description of New Sample:**
Sample was taken from B horizon 26cm deep. The soil was a dark orangy brown colour. The ground was flat and there were no rock fragments. The soil developement was good.

8) **Description of Topography:**
Sparse forests
Gently sloping hills.

9) **Results of Investigation:**
see L 4400W / 7+25N

10) **Conclusions:**
see L 4400W / 7+25N

Isbut Palmer PROJECT

PREVIOUS SOIL ANOMALY (Ag Element) 1990 INVESTIGATION

1) **Location:** L 4+00W 7+75N

2) **Previous Value(s):** 3.6 PPM

3) **Year Collected:** '90

4) **Date of Investigation:** Sept 16/90

5) **Investigator(s):** C. Davies P. Lutynski

6) **Description of Previous Sample Collected:**
Taken from 10° NE trending slope. 35 cm deep B horizon brown color, moderate development.

7) **Description of New Sample:**
Sample was taken from B horizon 33cm deep. The soil was a dark orangy brown and taken from a gentle 2° slope facing North. There were no rock fragments and the the soil development was good.

8) **Description of Topography:**
Sparse forest
Gentley sloping hills

9) **Results of Investigation:**
see L4+00W/7+25N

10) **Conclusions:**
see L4+00W/7+25N

Iskut Palomino[?]

PREVIOUS SOIL ANOMALY (Ag Element) 1990 INVESTIGATION

1) Location: L 4100W 8+00N

2) Previous Value(s): 4.0 PPM.

3) Year Collected: '90

4) Date of Investigation: Sept 16/1990

5) Investigator(s): C. Davies & P. Lutynski

6) Description of Previous Sample Collected:
From 25° N trending slope, 40cm deep, brown, moderately developed B horizon.

7) Description of New Sample:
Sample was taken from B horizon 36cm deep. Soil was coloured a dark orangey brown, taken on a 20° slope facing North.
There were no rock fragments and the soil development was good.

8) Description of Topography:
Sparse Forest
Gentle Sloping hills

9) Results of Investigation:

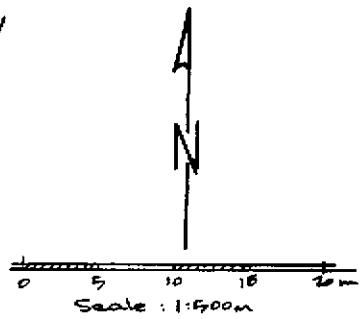
see L 4100W/7+25N

10) Conclusions:

see L4100W/7+25N

. detailed soil site
⊗ duplicate soil site
(4.0,360) original result (ppm Ag, Zn)
TB tuff breccia

Iskut Palmiere
Soil anomaly follow up
4+00W/7+25N 7+50N, 7+75N, 8+00N
Sept. 16/90



4+25W	4+00W	3+75W	
. 2.1, 50	. 1.4, 311	. 3.1, 63	8+12.5N
. 2.7, 60	(4.0, 112) ⊗ 2.1, 174	. 1.4, 430	8+00N
TB TB . 1.4, 113	TB . 2.3, 130	. 1.3, 1187	7+87.5N
TB depression . 1.1, 159	(3.6, 64) ⊗ 2.6, 95	. 2.7, 92	7+75N
TB depression 1.7, 117	. 2.5, 86	. 2.5, 174	7+62.5N
2.0, 81 TB	(3.3, 123) ⊗ 3.0, 179	TB . 3.1, 62	7+50N
TB 1.8, 123 depression	. 2.3, 84	depression TB(?) 1.9, 55 90L284c R.002 [0.1, 30]	7+37.5N
. 1.5, 47	(1.6, 360) ⊗ 1.8, 83	. 2.5, 114	7+25N
. 0.8, 115	. 3.0, 77	. 3.0, 72	7+12.5N

depression

Prefix 90L284c S-N:

Isabel Palmiere PROJECT

PREVIOUS SOIL ANOMALY (As 1990 INVESTIGATION
Pb

1) **Location:** L5100W/7+00N

2) **Previous Value(s):** 62 ppm As

3) **Year Collected:** 1990

4) **Date of Investigation:** September 17, 1990

5) **Investigator(s):** C. Davies & K. Hornsinger.

6) **Description of Previous Sample Collected:** 90PP284CS-N: L5100W/7100N
30cm deep. Very rooty & mossy
Dark brown soil.

7) **Description of New Sample:**
L5100W/7100N → 28cm deep, good soil developement, very little roots, but moss is still heavy. An orangy-brown soil colour. On a slope of 30 NE.

8) **Description of Topography:**
Sparse forests, mature stands of timber, little underbrush. Gentle sloping slopes. (15° to the north.)

9) **Results of Investigation:**
Slightly bleached, polylithic tuffaceous wacke w 3mm carb >> qtz w <1 to 1% Py as scattered <1mm cubes is present in an outcrop located 30m SE of the anomaly centre. felsic tuff BK is present 25m SW of the anomaly centre.

10) **Conclusions:**
No immediate source for the As in soils was determined. <1 to 1% Py in tuffaceous wackes to the SE may be an indication of significant mineralization relatively proximal

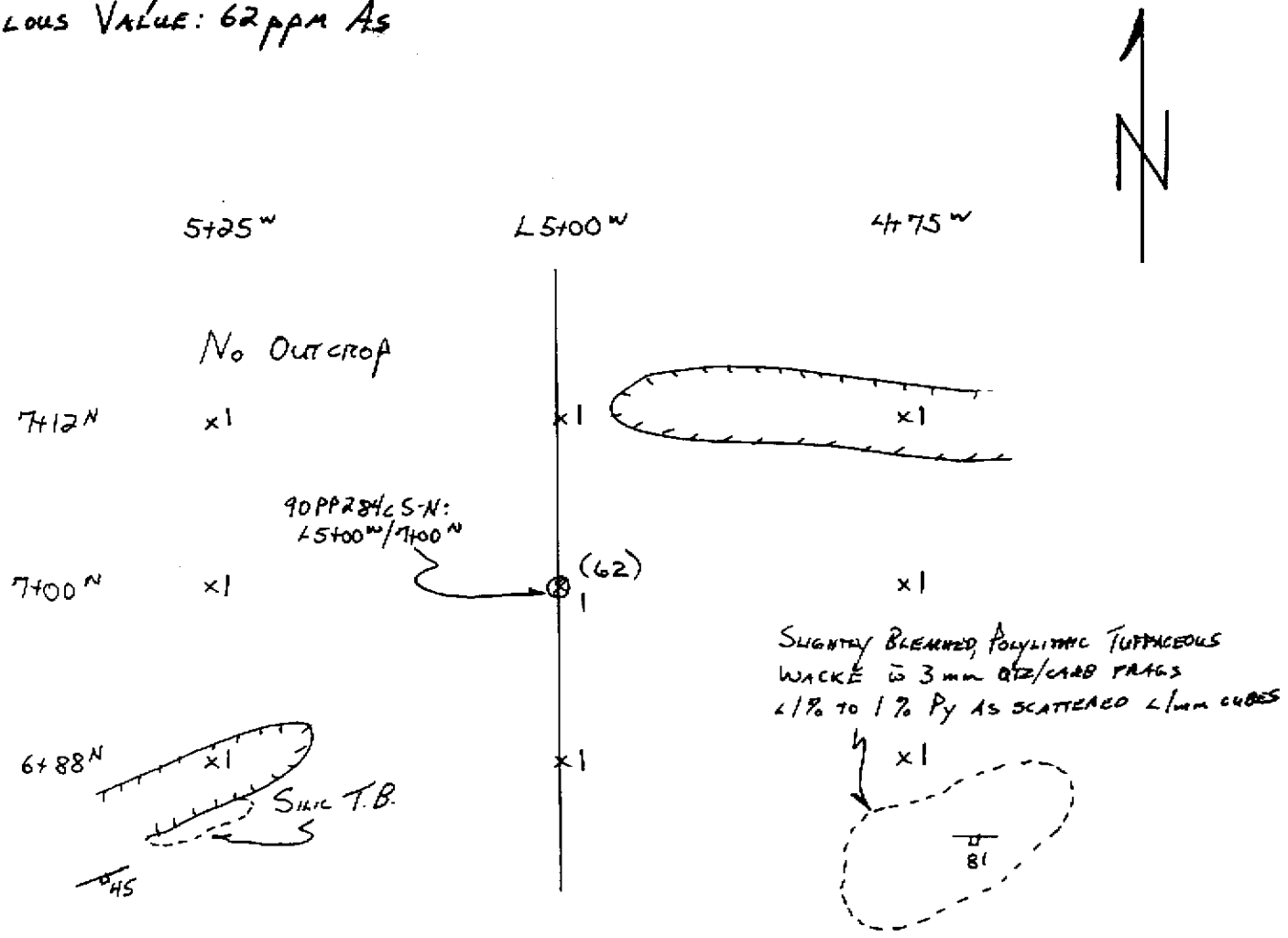
Iskut Palmiere (284c)
Soil Anomaly Follow-Up

Sept 18th/90

R. Honsinger / C. Davies

Previous Anomaly: 90PP284c S-N: L5+00W/7+00N

Anomalous Value: 62 ppm As



Slope Direction: 1

x Follow-Up Soil Sample Loc'n

o Previous Soil Anomaly Loc'n

(62) original result (ppm As)

TB tuff breccia

0 5 10 15 20 25 M

1:500

Iskut Palmiere (Ast)

PREVIOUS SOIL ANOMALY (As 1990 INVESTIGATION
Element

1) **Location:** 6+00W/1+50S

2) **Previous Value(s):** 70 ppm As

3) **Year Collected:** '90

4) **Date of Investigation:** Sept. 17/90

5) **Investigator(s):** Steve McTague / Piotr Lutynski

6) **Description of Previous Sample Collected:**
From 40° S facing slope 30 cm deep, well developed, medium brown B. Horizon soil.

7) **Description of New Sample:**
A new soil of Red brown with a good B horizon development was reached at 35 cm. large Angular Fragments. was in soil.

8) **Description of Topography:**
see 6+00W/2+00S

9) **Results of Investigation:**
see 6+00W/2+00S

10) **Conclusions:**
see 6+00W/2+00S

Isaac Palmiere (284c)

PREVIOUS SOIL ANOMALY (As 1990 INVESTIGATION
Elements)

1) **Location:** 6+00W / 2+00S

2) **Previous Value(s):** 68 ppm As

3) **Year Collected:** '90

4) **Date of Investigation:** Sept. 17/90

5) **Investigator(s):** Steve McTague / Piotri Lutynski

6) **Description of Previous Sample Collected:**
From 5° S facing slope. Well developed, dark red brown 20cm deep B horizon soil.

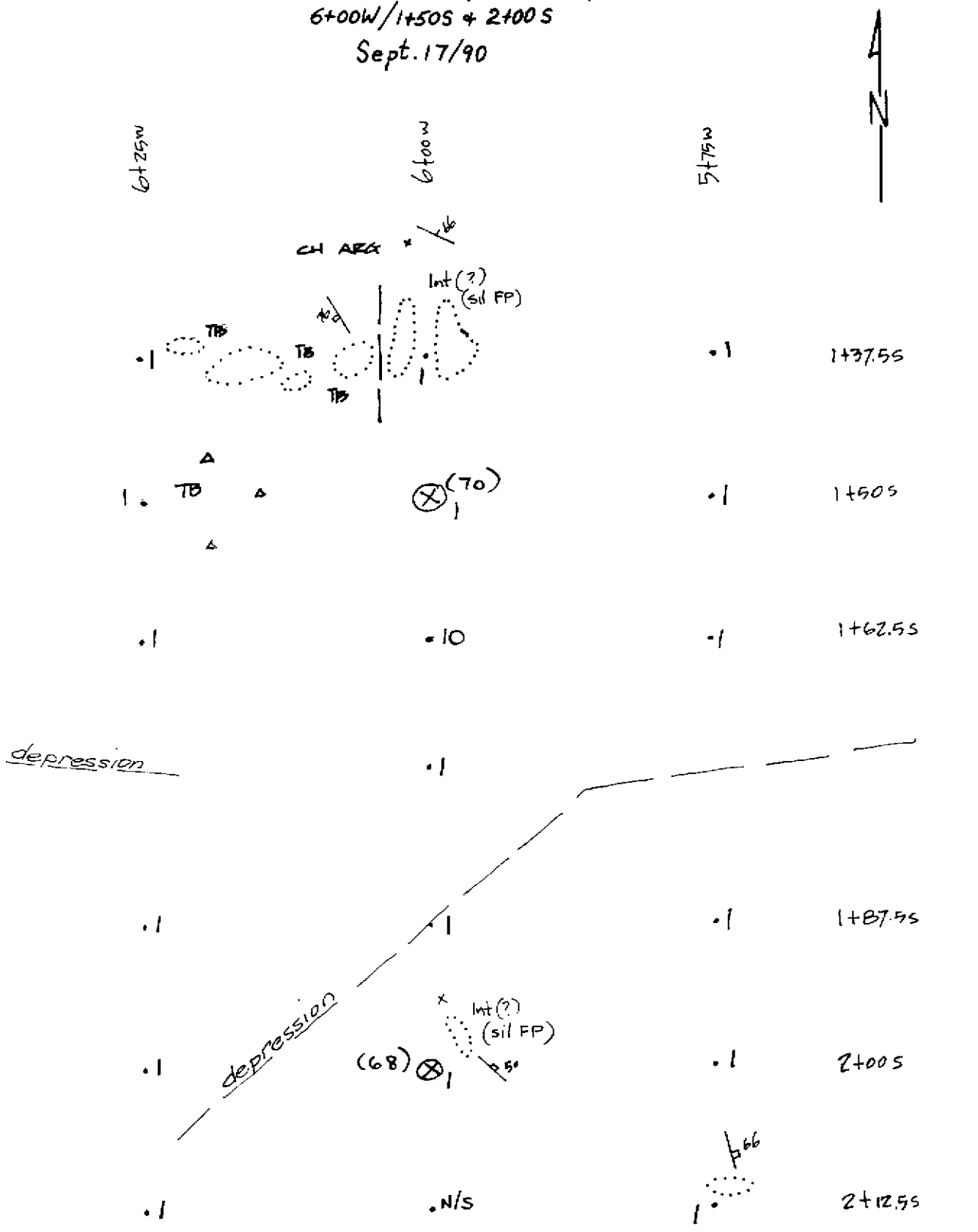
7) **Description of New Sample:**
At a depth of 35cm a red orange brown soil was taken. A/B horizon was sampled.

8) **Description of Topography:**
The area of anomaly sloped to the S.E. to the S. Outcrop can be found to the north of anomaly. in gulley

9) **Results of Investigation:**
Investigated area consists of two types of rock.
- Tuff breccia with 80% angular fragments highly siliceous.
- Intrusive rock(?) highly siliceous, locally chloritized. with qtz. (F) phenocrysts (?). Rock could be tuff porphyry, qtz porphyry, or altered mafic intrusive

10) **Conclusions:**
Source of the mineralization was not found.

Soil anomaly follow up
6+00W/1+50S & 2+00S
Sept. 17/90



Pre fix 90-284c S-N:

- • detailed soil site
- ⊗ duplicate soil site
- (70) original result (ppm As)
- TB tuff breccia
- Int intrusive
- FP feldspar porphyry

0 5 10 15 20 25 m

Scale 1:500

Eskut Palmiere (3844) PROJECT

PREVIOUS SOIL ANOMALY (As 1990 INVESTIGATION
Element

1) **Location:** 7+00E/0+75S

2) **Previous Value(s):** 69 ppm As

3) **Year Collected:** '90

4) **Date of Investigation:** Sept. 17/90

5) **Investigator(s):** Steve McTague / Piotr Lutynski

6) **Description of Previous Sample Collected:**
Taken from relatively level ground. 20cm deep medium red brown well developed B horizon.

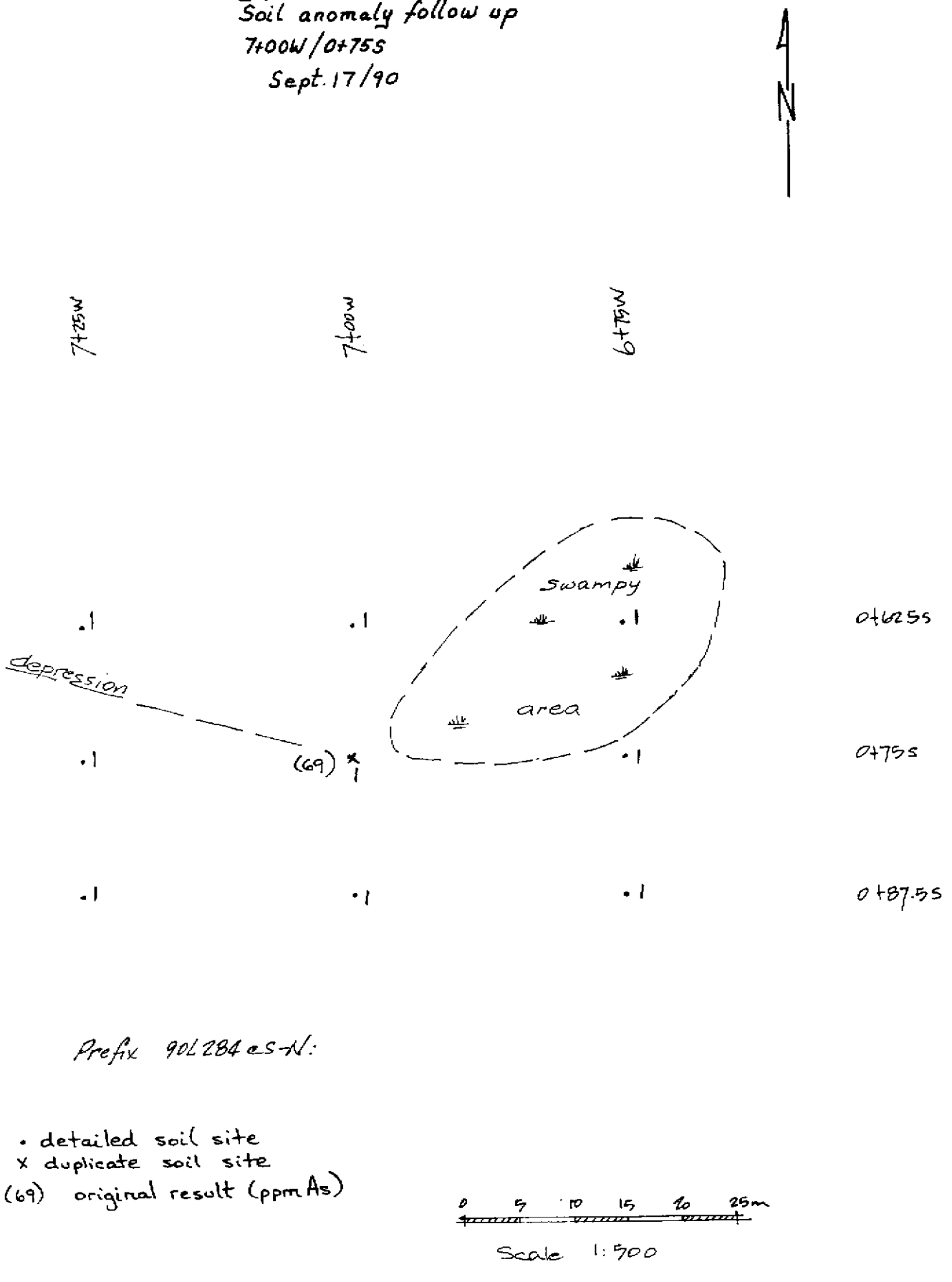
7) **Description of New Sample:**
A orange red brown soil at 35 cm in depth was reached with a good B horizon development.

8) **Description of Topography:**
Area of anomaly sloped to the North. Outcrop is found to the north of anomaly is gulleyed area.

9) **Results of Investigation:**
Investigated area is located in the depression with a swampy ground in the middle. There were no outcrops mapped on and close to the investigated area.

10) **Conclusions:**
Source of the mineralization was not found.

Iskut Palmiere
Soil anomaly follow up
7+00W/0+75S
Sept. 17/90



Prefix 90L284 eS-N:

• detailed soil site
x duplicate soil site
(69) original result (ppm As)

0 5 10 15 20 25m

Scale 1:500

Detail Palmer

PREVIOUS SOIL ANOMALY (As Element) 1990 INVESTIGATION

1) **Location:** L 7+00W / 7+75N

2) **Previous Value(s):** 10 ppm As

3) **Year Collected:** 1990

4) **Date of Investigation:** September 17, 1990

5) **Investigator(s):** C. Davies R. Honsinger

6) **Description of Previous Sample Collected:** 90YY284 cS-N: L 7+00W / 7+75N
- 21 cm deep, mossy + rooty.
- dark brown soil.

7) **Description of New Sample:**
- 33 cm deep on a 0° slope. The soil development is fair. the soil is a dark brown colour.

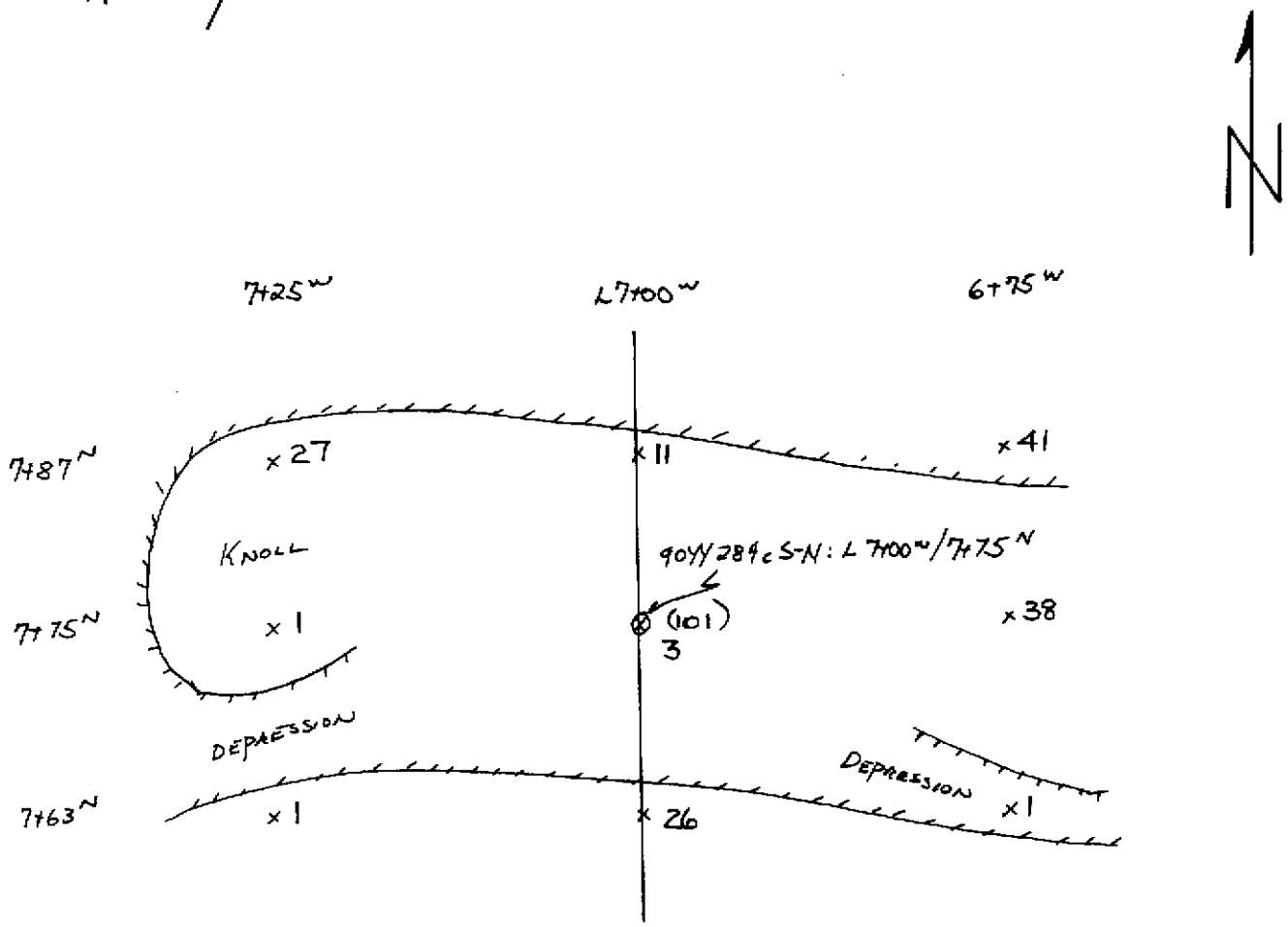
8) **Description of Topography:**
Sparse forest, mature stands of timber, little underbrush. Gentle sloping hills, 10° to the north.

9) **Results of Investigation:**
No exposed outcrop is present in the area.

10) **Conclusions:**
No immediate source for the arsenic in soils was determined

Iskut Palmiere (284c)
Soil Anomaly Follow-Up

Sept 17th/90
R. Honsinger/C. Davies
Previous Anomaly: 90YY284c S-N: L 7+00W/7+75N



Slope Direction 1
x Follow-Up Soil Sample Loc'n
O Previous Soil Anomaly Loc'n
(101) original result (ppm As)

0 5 10 15 20 25 M
1:500

Ishut Patniere (284c) PROJECT

PREVIOUS SOIL ANOMALY (As) 1990 INVESTIGATION
Element

1) **Location:** 9+00 W / 1+50 S

2) **Previous Value(s):** 21 As

3) **Year Collected:** '90

4) **Date of Investigation:** Sept. 18/90

5) **Investigator(s):** Steve Montague / Piotr Lytynski

6) **Description of Previous Sample Collected:**

A good B horizon of dark brown colour at a depth of 25 cm was collected.

7) **Description of New Sample:**

New Sample was red brown in colour at a depth of 25 cm. Soil was gravelly

8) **Description of Topography:**

Area of anomaly sloped to S.E. at 35-40°. Outcrops were noticed to the S. of anomaly and was generally heavily wooded.

9) **Results of Investigation:**

Southern part of the investigated area is underlain by siliceous Feldspar porphyry (?). Rock is highly siliceous and its origin can be different (eluo sedimentary). Rock contains 1% of Py
Sample 90L284c R-004 was taken from the outcrop (or float) which is very small and covered by moss. Investigated rock (surface of rock) contains carbonate vein ~20cm wide. with ≤ 1% of py. (v. fine & disseminated)

10) **Conclusions:**

Source of the mineralization was not found.
If the assay from sample 90L284c R-004 will show anomalous Au value it could indicate that the source of the mineralization could be related to carbonate mineralization

Iskut Palmiere
Soil anomaly follow up
9+00W/1+50S
Sept. 18/90

9+25W

9+00W

8+75W

depression

.1 .1 .1 1+37.5S

.24 X(64) 21 .1 1+50S

T x 90L284CR-004 [55]
calc v

.1 .1

depression

sil FP (?)/
int (?)

N/S

sil FP (?)/int (?)
1+62.5S

sil FP (?)

78/ 34

Prefix 90L284CS-N:

- . detailed soil site
- X anomaly site
- (64) ppm As - original result
- N/S no sample
- FP feldspar porphyry
- Int intrusive
- x90L284CR-004 rock sample

T tuff

Scale 1:500

Ishut Palmiere (284k) PROJECT

PREVIOUS SOIL ANOMALY (As 1990 INVESTIGATION
Element

1) **Location:** 9+00W/2+25N

2) **Previous Value(s):** 53 ppm

3) **Year Collected:** '90

4) **Date of Investigation:** Sept. 19/90

5) **Investigator(s):** Steve McTague / Piotr Lutynski

6) **Description of Previous Sample Collected:**

A red orange brown soil, from a 30 cm hole was taken - A good horizon of B was noticed.

7) **Description of New Sample:**

A good B horizon was sampled at 30 cm with a colour orange brown.

8) **Description of Topography:**

Area sloped to E. at a fairly level to 5° slope. moderately wood area.

9) **Results of Investigation:**

Investigated area is overgrown by the forest. There were no outcrops mapped on or close to the investigated area. One bolder (angular/semi-angular) of tuffaceous rock was mapped in south western part of the area. Rock appears to contain different size, highly siliceous rock fragments. (tuffwacke or tuff breccia).

10) **Conclusions:**

Source of the mineralization was not found.

Iskut Palmiere
Soil anomaly follow up
9+00W/2+25N
Sept. 18/90

9+25W

9+00W

8+75W

depression

.73,1

.133,1

151,1 • 2+37.5N

(53)

.99,1

× 205,1

156,1 • 2+25N

124,1 • ΔT(?)

.143,1

86,1 • 2+12.5N

Prefix 90L284c S-N:

• detailed soil site
× anomalous site
(53) original site (ppm As)
73,1 ppm Zn, As

0 5 10 15 20 25m

Scale 1:500

Iskut Palmer PROJECT

PREVIOUS SOIL ANOMALY (As 1990 INVESTIGATION
Element(s)

1) **Location:** 9+00W / 5+25N

2) **Previous Value(s):** 54 ppm

3) **Year Collected:** 1990

4) **Date of Investigation:** September 17, 1990

5) **Investigator(s):** C. Davies & R. Hornsinger

6) **Description of Previous Sample Collected:**
30 cm hole, roots & moss.
0° slope. Good soil development. The soil was a dark brown colour.

7) **Description of New Sample:**
Hole is 38cm deep. The soil is a dark reddish brown colour with good soil development. Light moss on a 0° slope.

8) **Description of Topography:**
Gently sloping slopes, mature forest, lots of devils club and very mossy. Virgin timber

9) **Results of Investigation:**
The area is characterized by swampy, mostly flat terrain. Very limited outcrop exists in the area (TR @ 8+75W/5+37N ω <1% Py, TR As Py? (90H284-R-001)

10) **Conclusions:**
No immediate source for the As anomaly in soils was discovered.

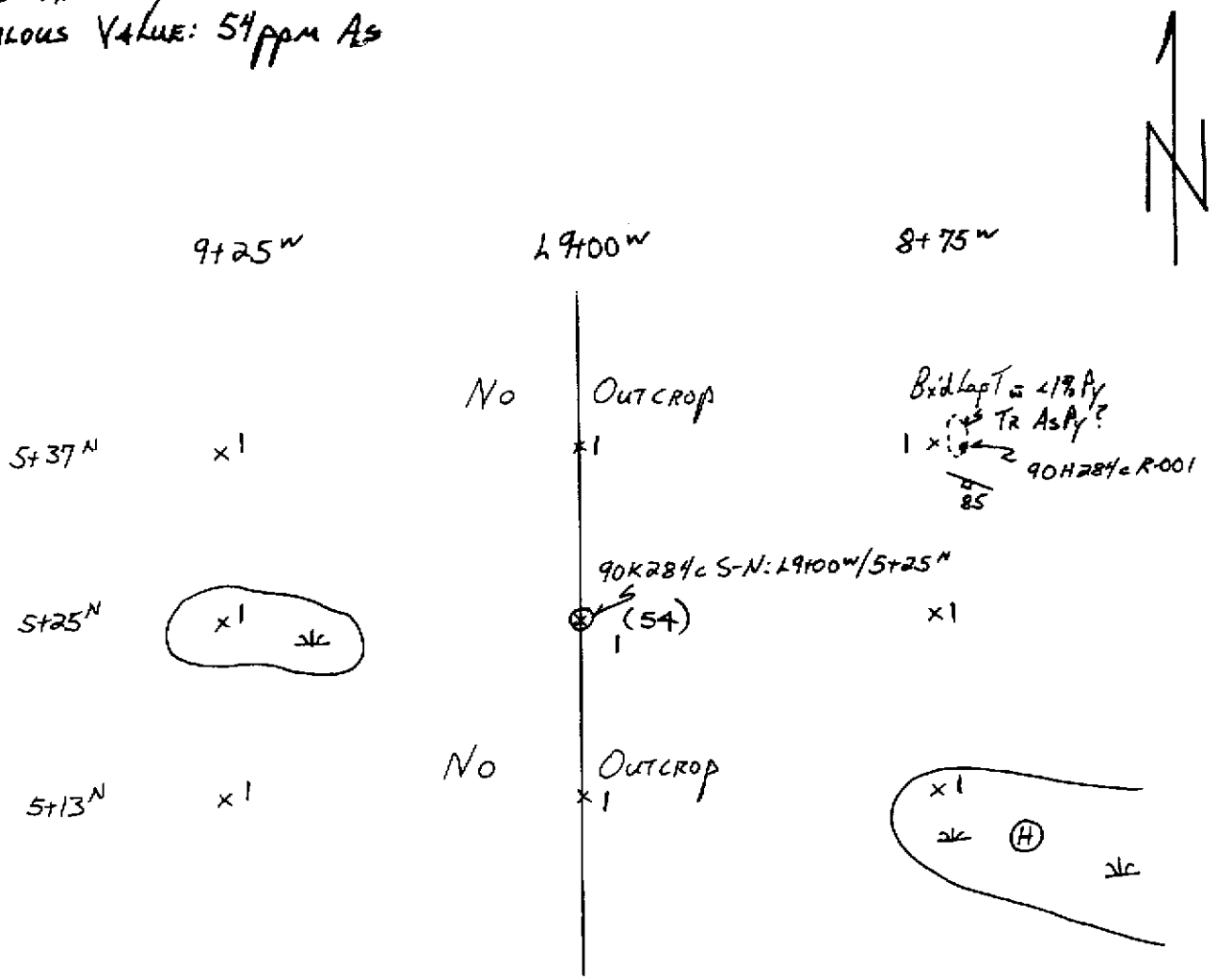
Iskut Palmiere (284c)
Soil Anomaly Follow-Up

Sept 18th/90

R. Honsinger / C. Davies

Previous Anomaly: 90K284c S-N: L 9+00W/5+25N

Anomalous Value: 54ppm As



Slope Direction ↑ (minor, <5°)

x Follow-Up Soil Sample Loc'n

O Previous Soil Anomaly Loc'n

(54) original result (ppm As)

Bx'd LapT brecciated lapilli tuff

swamp

0 5 10 15 20 25 m

1:500

Isbut Palmire PROJECT

PREVIOUS SOIL ANOMALY (As Element(s) 1990 INVESTIGATION

1) **Location:** L9+00W / 7+75N

2) **Previous Value(s):** 57 ppm

3) **Year Collected:** 1990

4) **Date of Investigation:** September 17, 1990

5) **Investigator(s):** C. Davis & R. Honsinger.

6) **Description of Previous Sample Collected:**
-38 cm deep. Dark brown soil colour. Very mossy and rooty. The soil has good developement. There is a 0° slope.

7) **Description of New Sample:**
Pole was tag 1m east of the old sample. Sample was taken from a 38 cm hole. The soil is dark brown in colour on a 0° slope. There was moss but not very many roots. Soil developement was good.

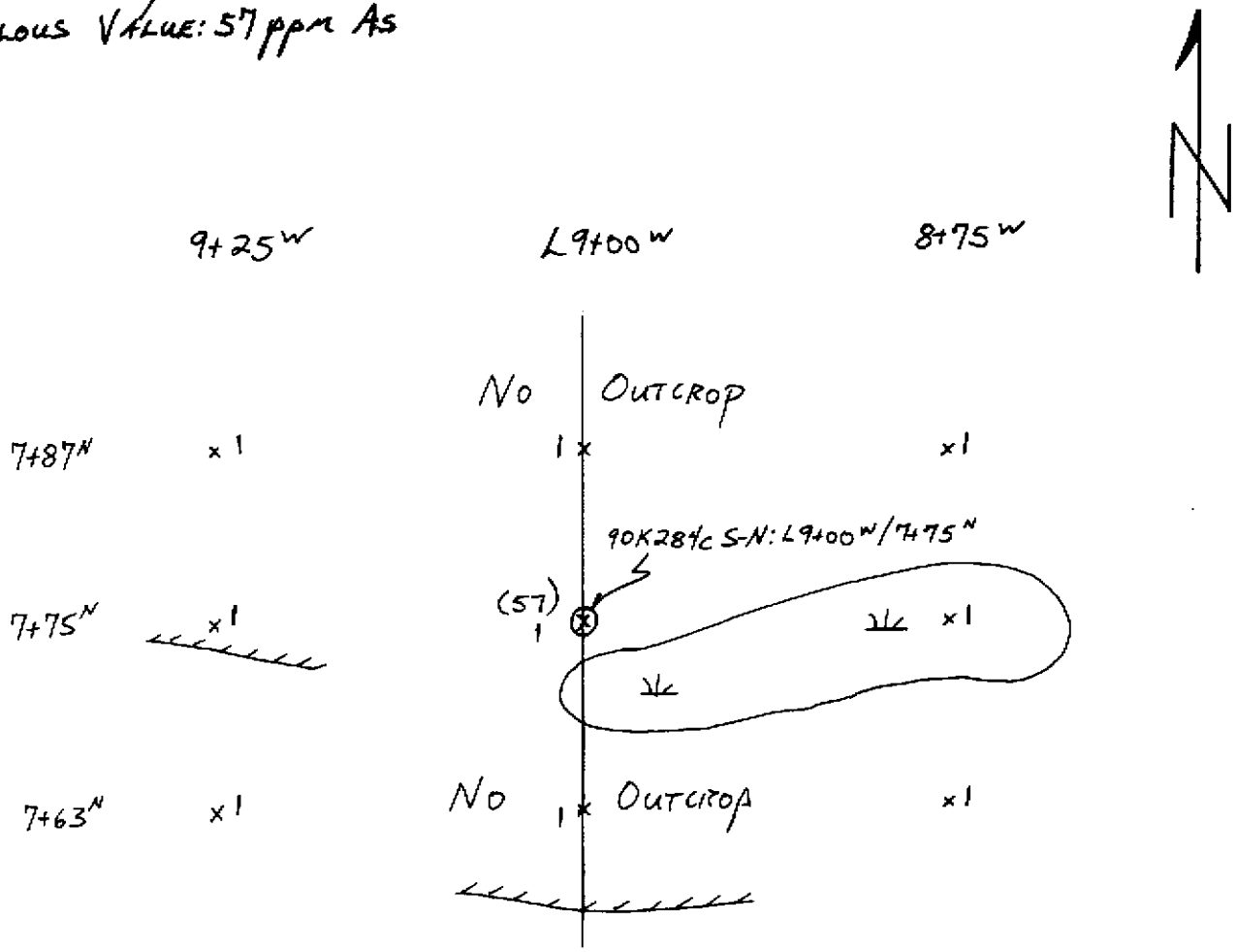
8) **Description of Topography:**
Gently sloping hills, mature forest, lots of devil's club and very mossy. Virgin timber.

9) **Results of Investigation:**
The sample was collected at the N edge of a swamp in relatively flat terrain. No exposed outcrop exists in the area.

10) **Conclusions:**
No immediate source for the As in soils anomaly was determined.

Iskut Palmiere (284c)
Soil Anomaly Follow-Up

Sept 18th/90
R. Honsinger / C. Davies
Previous Anomaly: 90K284c S-N: L9+00W/7+75N
Anomalous Value: 57 ppm As



Slope Direction 1
x Follow-Up Soil Sample Loc'N
O Previous Soil Anomaly Loc'N
(57) original result (ppm As)
swamp

0 5 10 15 20 25 M
1:500

Iskut Palmiere (284c)

PREVIOUS SOIL ANOMALY (Zn 1990 INVESTIGATION
Element)

1) **Location:** 10+00W/0+25N

2) **Previous Value(s):** 344 ppm

3) **Year Collected:** '90

4) **Date of Investigation:** Sept. 18/90

5) **Investigator(s):** Steve McTague / Piotr Lutynski

6) **Description of Previous Sample Collected:**

A red orange brown B horizon was taken at 40 cm in depth. Soil development was fairly good.

7) **Description of New Sample:**

A new red orange brown sample was taken at 35 cm in depth. A good horizon development was noticed.

8) **Description of Topography:**

Area of anomaly sloped to the S.E. at 15-20°. Area was also heavyily wooded.

9) **Results of Investigation:**

Investigated area consists of tuff breccia. mapped.
In the north eastern corner of the investigated area appears to be highly siliceous and has an appearance of. intr. F. Porphyry (?)

10) **Conclusions:**

Source of the mineralization was not found.

Iskut Palmiere
Soil anomaly follow up
10+00W / 0+25N

Sept. 18/90

10+75W | 10+00W | 9+75W

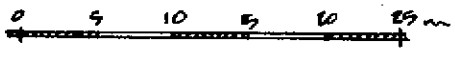
sil TB (int(?)
30 • (or sil FP?) • 90 | 0+37.5N

• 143 | (344) ×462 | • 179 | 0+25N

152 | • 221 | • 119 | 0+12.5N

Prefix: 90L284c S-N:

- • detailed soil site
- x duplicate soil site
- TB tuff breccia
- int intrusive
- FP feldspar porphyry
- (344) original result (ppm Zn)



Scale 1:500

APPENDIX 6

Geochemical Results

COMP: KEEWATIN ENGINEERING
PROJ: 284C
ATTN: R.PEGG/R.NICHOLS

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0V-1263-SJ7+8
DATE: 90/09/01
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90K 10+00W 1+25N	2	.4	20	33	119	4	1	4	180
90K 10+00W 1+50N	2	.9	29	20	167	8	1	1	270
90K 10+00W 1+75N	1	.9	25	16	126	18	1	1	220
90K 10+00W 2+00N	2	1.2	26	13	157	1	1	1	200
90K 10+00W 2+25N	3	2.0	19	8	185	1	1	1	220
90K 10+00W 2+50N	2	1.6	22	10	139	1	1	1	250
90K 10+00W 2+75N	2	1.7	17	7	171	1	1	1	235
90K 10+00W 3+00N	1	1.1	17	13	154	1	1	1	180
90K 10+00W 3+25N	4	.4	31	31	222	41	1	2	200
90K 10+00W 3+50N	1	1.3	22	8	133	1	1	1	230
90K 10+00W 3+75N	3	.8	30	16	163	1	1	1	195
90K 10+00W 4+00N	2	.9	23	24	179	6	1	1	230
90K 10+00W 4+25N	2	.9	34	15	137	1	1	1	170
90K 10+00W 4+50N	2	1.4	24	8	87	1	1	1	160
90K 10+00W 4+75N	1	1.2	29	13	108	14	1	1	220
90K 10+00W 5+00N	1	.9	44	16	179	1	1	1	200
90K 10+00W 5+25N	2	1.0	29	19	174	1	1	1	300
90K 10+00W 5+50N	1	.4	34	41	131	5	1	2	275
90K 10+00W 5+75N	1	.7	30	25	206	44	1	1	195
90K 10+00W 6+00N	1	.9	22	16	201	30	1	2	290
90K 10+00W 6+25N	2	1.5	28	8	178	1	1	1	275
90K 10+00W 6+50N	1	1.7	26	8	162	1	1	1	245
90K 10+00W 6+75N	1	.6	23	22	140	20	1	1	315
90K 10+00W 7+00N	2	1.7	27	8	94	1	1	1	315
90K 10+00W 7+25N	3	1.1	29	8	224	1	1	1	295
90K 10+00W 7+50N	1	.7	26	27	139	22	1	1	280
90K 10+00W 7+75N	2	.8	27	58	198	1	1	1	260
90K 10+00W 8+00N	1	.9	23	8	63	33	1	1	295
90PP 5+00W 4+00N	1	1.0	21	13	85	1	1	1	305
90PP 5+00W 4+25N	1	1.1	16	8	115	1	1	1	215
90PP 5+00W 4+50N	2	1.4	21	8	185	1	1	1	175
90PP 5+00W 4+75N	1	1.0	26	15	78	1	1	1	265
90PP 5+00N 3+50W	4	1.6	38	8	161	1	1	1	260
90PP 5+00N 3+75W	2	1.5	18	15	85	1	1	1	245
90PP 5+00N 4+25W	3	1.5	24	8	131	1	1	1	300
90PP 5+00N 4+50W	5	1.3	18	14	103	13	1	1	320
90PP 5+00N 4+75W	7	1.3	24	10	112	1	1	1	345
90PP 5+00N 5+25W	4	1.1	21	10	98	7	1	1	200
90PP 5+00N 5+50W	2	.8	28	23	165	24	1	1	210
90PP 5+00N 5+75W	1	.9	23	17	92	1	1	1	300

COMP: KEEWATIN ENGINEERING
PROJ: 284C
ATTN: R.PEGG/R.NICHOLS

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0V-1263-SJ5+6
DATE: 90/09/01
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90K 8+00W 3+00N	2	.3	15	42	86	8	1	2	85
90K 8+00W 3+25N	1	1.5	26	8	124	1	1	1	125
90K 8+00W 3+50N	2	1.2	34	10	183	1	1	1	80
90K 8+00W 3+75N	1	1.4	23	5	76	1	1	1	170
90K 8+00W 4+00N	6	1.5	19	6	115	1	1	1	110
90K 8+00W 4+25N	2	1.5	26	8	167	1	1	1	130
90K 8+00W 4+50N	2	1.0	27	28	165	1	1	1	140
90K 8+00W 4+75N	4	1.2	19	8	125	1	1	1	170
90K 8+00W 5+00N	2	1.2	29	10	127	1	1	1	190
90K 8+00W 5+25N	1	1.0	24	21	153	1	1	1	215
90K 8+00W 5+50N	4	1.1	25	8	146	1	1	1	120
90K 8+00W 5+75N	2	1.1	22	8	130	1	1	1	135
90K 8+00W 6+00N	6	.8	23	5	168	10	1	1	215
90K 8+00W 6+25N	2	1.5	18	5	99	1	1	1	245
90K 8+00W 6+50N	1	1.2	19	8	74	1	1	1	315
90K 8+00W 6+75N	3	1.7	21	11	59	1	1	1	250
90K 8+00W 7+00N	1	.5	25	23	98	17	1	1	205
90K 8+00W 7+25N	1	1.6	35	8	101	1	1	1	200
90K 8+00W 7+50N	2	.4	11	43	65	21	1	2	235
90K 8+00W 7+75N	2	.6	22	15	47	59	1	4	230
90K 8+00W 8+00N	1	1.2	29	15	26	1	1	1	380
90K 9+00W 0+00N	4	1.0	21	12	176	11	1	1	220
90K 9+00W 0+25N	2	1.2	31	8	183	1	1	1	200
90K 9+00W 0+50N	1	.8	20	18	177	7	1	2	160
90K 9+00W 0+75N	1	1.3	19	10	186	1	1	1	130
90K 9+00W 1+00N	4	1.0	25	8	77	1	1	1	205
90K 9+00W 1+25N	2	1.6	19	12	148	1	1	1	165
90K 9+00W 1+50N	1	1.4	16	8	99	1	1	1	130
90K 9+00W 1+75N	1	.2	34	29	44	46	2	16	105
90K 9+00W 0+25S	3	.3	35	44	125	1	1	15	220
90K 9+00W 0+50S	2	1.1	18	8	67	6	1	1	295
90K 9+00W 0+75S	NO SAMPLE								
90K 9+00W 1+00S	1	1.1	22	8	145	1	1	1	290
90K 9+00W 1+25S	1	.5	29	22	118	31	1	8	275
90K 9+00W 1+50S	3	.4	55	39	49	64	1	19	360
90K 9+00W 5+00N	2	1.1	35	12	171	33	1	1	240
90K 9+00W 5+25N	1	1.0	25	8	93	54	1	2	330
90K 9+00W 5+50N	4	1.0	90	19	93	5	1	3	370
90K 9+00W 5+75N	2	1.2	23	9	129	1	1	1	175
90K 9+00W 6+00N	1	1.2	17	8	102	1	1	1	245
90K 9+00W 6+25N	2	.7	24	28	127	16	1	2	210
90K 9+00W 6+50N	1	1.1	19	12	111	1	1	1	225
90K 9+00W 6+75N	1	.9	22	19	105	1	1	1	225
90K 9+00W 7+00N	3	1.4	21	8	94	1	1	1	335
90K 9+00W 7+25N	2	1.5	18	10	53	1	1	1	290
90K 9+00W 7+50N	1	1.4	28	10	94	1	1	1	350
90K 9+00W 7+75N	2	.3	21	41	129	57	1	3	210
90K 9+00W 8+00N	4	.7	13	32	91	32	1	3	290
90K 5+00N 9+25W	1	1.2	19	8	85	1	1	1	220
90K 5+00N 9+50W	3	.9	20	11	134	1	1	1	220
90K 5+00N 9+75W	1	.9	37	20	216	10	1	1	170
90K 10+00W 0+25S	2	.8	17	21	86	33	1	3	295
90K 10+00W 0+50S	1	1.2	17	8	239	1	1	1	150
90K 10+00W 0+75S	4	.4	23	34	97	23	1	15	230
90K 10+00W 1+00S	1	.4	30	31	151	9	1	25	295
90K 10+00W 0+00N	5	1.2	26	14	201	1	1	1	190
90K 10+00W 0+25N	2	.9	29	24	344	2	1	2	240
90K 10+00W 0+50N	1	1.4	22	8	238	1	1	1	205
90K 10+00W 0+75N	1	1.2	24	5	151	1	1	1	205
90K 10+00W 1+00N	2	.9	41	6	113	25	1	1	220

COMP: KEEWATIN ENGINEERING
PROJ: 284C
ATTN: R.PEGG/R.NICHOLS

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0V-1263-SJ3+4
DATE: 90/09/01
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90PP L4+00W 0+75N	1	.7	18	18	118	6	1	1	165
90PP L4+00W 1+00N	1	.9	27	8	174	23	1	1	185
90PP L4+00W 1+25N	2	1.3	17	9	148	1	1	1	125
90PP L4+00W 1+50N	1	1.1	17	10	106	1	1	1	185
90PP L4+00W 1+75N	1	1.3	16	8	122	1	1	1	200
90PP L4+00W 2+00N	1	.8	31	23	133	1	1	1	260
90PP L4+00W 2+25N	3	1.2	21	7	131	1	1	1	165
90PP L4+00W 2+50N	1	1.3	24	6	174	1	1	1	165
90PP L4+00W 2+75N	1	.7	31	10	154	1	1	1	215
90PP L4+00W 3+00N	2	1.0	21	8	102	1	1	1	190
90PP L4+00W 3+25N	1	1.2	39	8	71	17	1	1	140
90PP L4+00W 3+50N	2	1.5	24	10	155	1	1	1	160
90PP L4+00W 3+75N	1	1.4	23	8	145	1	1	1	130
90PP L4+00W 4+00N	2	1.2	23	9	58	1	1	1	165
90PP L4+00W 4+25N	1	1.0	27	11	88	21	1	1	160
90PP L4+00W 4+50N	3	1.3	21	8	111	1	1	1	185
90PP L4+00W 4+75N	1	1.6	21	8	136	1	1	1	210
90PP L6+00W 5+00N	1	1.2	26	8	138	1	1	1	190
90PP L6+00W 5+25N	3	1.5	21	8	102	1	1	1	150
90PP L6+00W 5+50N	1	.9	23	8	129	1	1	1	165
90PP L6+00W 5+75N	1	.9	20	9	88	21	1	1	235
90PP L6+00W 6+00N	1	1.2	17	8	102	38	1	1	205
90PP L6+00W 6+25N	1	1.0	31	9	128	14	1	1	195
90PP L6+00W 6+50N	2	.8	28	9	74	11	1	1	230
90PP L6+00W 6+75N	2	.8	35	9	144	24	1	1	185
90PP L6+00W 7+00N	1	1.1	27	8	150	1	1	1	230
90PP L6+00W 7+25N	1	.8	26	8	122	15	1	1	175
90PP L6+00W 7+50N	1	.4	80	23	187	10	1	4	200
90PP L6+00W 7+75N	2	1.0	25	8	72	1	1	1	310
90PP L6+00W 8+00N	1	1.6	32	11	74	1	1	1	360
90PP L6+00W 8+25N	2	1.1	38	13	80	1	1	1	140
90PP BL5+00N 0+25W	3	1.2	22	8	138	4	1	1	180
90PP BL5+00N 0+50W	1	1.3	19	12	135	15	1	1	195
90PP BL5+00N 0+75W	2	1.2	23	10	116	1	1	1	330
90PP BL5+00N 1+25W	4	1.1	17	9	85	1	1	1	230
90PP BL5+00N 1+50W	2	1.1	18	8	121	21	1	1	85
90PP BL5+00N 1+75W	1	1.1	15	10	81	8	1	1	135
90PP BL5+00N 2+00W	3	1.0	29	11	140	7	1	1	145
90PP BL5+00N 2+25W	1	1.1	29	10	149	9	1	1	115
90PP BL5+00N 2+50W	2	1.2	27	8	126	3	1	1	140
90PP BL5+00N 2+75W	3	1.7	30	8	126	1	1	1	225
90K 9+00W 2+00N	2	1.1	22	6	123	1	1	1	155
90K 9+00W 2+25N	1	.3	23	27	180	53	1	3	135
90K 9+00W 2+50N	6	1.3	20	8	185	1	1	1	260
90K 9+00W 2+75N	2	1.0	20	16	152	1	1	1	140
90K 9+00W 3+00N	1	.6	42	40	153	20	1	2	210
90K 9+00W 3+25N	2	.4	32	24	183	43	1	1	105
90K 9+00W 3+50N	1	1.3	26	8	146	7	1	1	145
90K 9+00W 3+75N	1	1.2	26	8	198	1	1	1	140
90K 9+00W 4+00N	3	1.1	38	16	159	1	1	1	135
90K 9+00W 4+25N	5	.7	29	36	89	5	1	2	135
90K 9+00W 4+50N	2	.9	27	24	166	1	1	1	235
90K 9+00W 4+75N	10	1.3	24	8	164	1	1	1	125
90K 5+00N 8+25W	2	1.3	17	9	92	1	1	1	135
90K 5+00N 8+50W	1	1.2	17	8	152	19	1	1	130
90K 5+00N 8+75W	1	.4	20	35	54	13	1	2	225
90K 8+00W 2+00N	1	.9	19	30	123	1	1	1	125
90K 8+00W 2+25N	3	.2	23	32	48	34	1	6	100
90K 8+00W 2+50N	1	.4	21	35	251	16	1	6	95
90K 8+00W 2+75N	2	1.4	23	8	160	1	1	1	135

COMP: KEEWATIN ENGINEERING
PROJ: 284C
ATTN: R.PEGG/R.NICHOLS

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0V-1263-SJ1+2
DATE: 90/09/01
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90PP L5+00W 5+00N	2	1.7	21	8	71	1	1	1	170
90PP L5+00W 5+25N	1	1.1	29	10	134	1	1	1	185
90PP L5+00W 5+50N	2	1.3	24	8	121	1	1	1	230
90PP L5+00W 5+75N	1	.3	29	26	237	24	1	1	295
90PP L5+00W 6+00N	1	1.4	22	8	92	1	1	1	255
90PP L5+00W 6+25N	2	1.1	27	10	185	1	1	1	300
90PP L5+00W 6+50N	4	1.2	24	6	106	1	1	1	205
90PP L5+00W 6+75N	2	1.0	18	8	58	17	1	1	340
90PP L5+00W 7+00N	2	.9	27	16	61	62	1	1	285
90PP L5+00W 7+25N	1	1.2	20	12	181	1	1	1	280
90PP L5+00W 7+50N	2	1.1	25	20	96	1	1	1	225
90PP L5+00W 7+75N	1	.8	29	24	168	1	1	1	315
90PP L5+00W 8+00N	1	1.3	32	15	135	1	1	1	320
90PP L5+00W 8+25N	3	1.0	27	19	106	1	1	1	265
90PP L2+00W 0+00N	1	1.0	19	13	124	1	1	1	220
90PP L2+00W 0+50N	2	1.0	19	10	88	1	1	1	260
90PP L2+00W 0+75N	1	1.0	17	8	90	9	1	1	300
90PP L2+00W 1+00N	1	1.0	16	8	80	1	1	1	275
90PP L2+00W 1+25N	2	.9	15	10	95	1	1	1	280
90PP L2+00W 1+50N	2	1.3	18	11	68	1	1	1	210
90PP L2+00W 1+75N	1	1.1	23	19	76	1	1	1	295
90PP L2+00W 2+00N	1	1.3	24	8	154	1	1	1	225
90PP L2+00W 2+25N	1	1.4	21	9	124	1	1	1	195
90PP L2+00W 2+50N	2	1.1	15	15	89	1	1	1	320
90PP L2+00W 2+75N	1	.9	18	8	133	26	1	1	185
90PP L2+00W 3+00N	2	.9	15	11	93	1	1	1	260
90PP L2+00W 3+25N	1	1.1	18	8	147	1	1	1	215
90PP L2+00W 3+75N	1	1.2	20	8	132	1	1	1	210
90PP L2+00W 4+00N	2	1.2	41	13	79	1	1	1	155
90PP L2+00W 4+25N	3	1.1	16	24	88	1	1	1	180
90PP L2+00W 4+50N	2	1.0	25	31	225	1	1	1	230
90PP L2+00W 4+75N	1	1.3	20	8	183	3	1	1	310
90PP L2+00W 0+25S	2	1.4	20	8	157	1	1	1	115
90PP L2+00W 0+50S	1	.6	29	22	182	53	1	3	260
90PP L2+00W 0+75S	2	.9	23	19	145	4	1	1	180
90PP L2+00W 1+00S	1	1.2	23	8	189	16	1	1	180
90PP L2+00W 1+25S	5	1.0	20	16	93	11	1	1	125
90PP L3+00W 0+00N	1	1.4	20	8	109	1	1	1	195
90PP L3+00W 0+25N	2	1.6	25	11	120	1	1	1	185
90PP L3+00W 0+50N	1	1.7	21	8	155	1	1	1	115
90PP L3+00W 1+00N	1	1.1	51	14	121	1	1	1	205
90PP L3+00W 1+25N	1	1.6	22	8	169	1	1	1	280
90PP L3+00W 1+50N	1	1.2	48	8	222	1	1	1	200
90PP L3+00W 2+00N	3	1.6	18	10	171	9	1	1	150
90PP L3+00W 2+25N	1	1.6	19	9	90	32	1	1	160
90PP L3+00W 2+50N	2	1.2	21	10	94	37	1	1	160
90PP L3+00W 2+75N	1	1.2	27	8	169	2	1	1	100
90PP L3+00W 3+00N	1	1.5	51	8	121	1	1	1	345
90PP L3+00W 3+25N	2	1.5	47	8	152	1	1	1	305
90PP L3+00W 3+50N	1	1.3	45	11	186	21	1	1	205
90PP L3+00W 4+25N	3	.4	50	30	129	1	1	1	175
90PP L3+00W 4+50N	2	.8	37	18	123	58	1	3	195
90PP L3+00W 4+75N	1	1.1	29	16	160	70	1	2	235
90PP L3+00W 0+25S	1	1.3	20	8	123	1	1	1	190
90PP L3+00W 0+50S	2	1.1	19	11	160	1	1	1	265
90PP L3+00W 0+75S	1	.3	33	27	105	21	1	6	155
90PP L3+00W 1+00S	3	1.2	20	12	82	16	1	2	205
90PP L4+00W 0+10N	1	1.5	23	8	99	1	1	1	180
90PP L4+00W 0+25N	2	1.3	27	20	127	29	1	1	115
90PP L4+00W 0+50N	1	1.4	17	8	131	1	1	1	205

COMP: KEEWATIN ENGINEERING
PROJ: 284 C
ATTN: R.PEGG/R.NICHOLS

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0V-1241-SJ3+4
DATE: 90/08/30
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90YYSN 1+00W 6+25N	1	1.4	18	12	100	1	1	1	270
90YYSN 1+00W 6+50N	1	2.2	35	6	136	1	1	1	190
90YYSN 1+00W 6+75N	2	3.4	31	6	89	1	1	1	225
90YYSN 1+00W 7+00N	1	2.3	26	7	59	1	1	1	245
90YYSN 1+00W 7+25N	1	2.8	22	6	158	1	1	1	200
90YYSN 1+00W 7+50N	2	1.7	28	6	146	1	1	1	225
90YYSN 1+00W 7+75N	1	1.2	45	14	116	1	1	1	205
90YYSN 1+00W 8+00N	1	2.3	40	15	249	1	1	6	195
90YYSN 1+00W 8+25N	1	1.6	15	16	64	3	1	1	140
90YYSN 2+00W 5+00N	2	2.3	21	6	120	1	1	1	220
90YYSN 2+00W 5+25N	2	1.7	18	6	94	1	1	1	225
90YYSN 2+00W 5+50N	1	1.6	26	9	167	1	1	1	165
90YYSN 2+00W 5+75N	1	2.1	19	6	127	1	1	1	150
90YYSN 2+00W 6+00N	3	2.3	19	8	71	1	1	1	165
90YYSN 2+00W 6+50N	1	4.6	27	8	79	1	1	1	175
90YYSN 2+00W 6+75N	2	2.1	32	5	86	1	1	1	210
90YYSN 2+00W 7+00N	1	1.7	24	18	219	1	1	6	230
90YYSN 2+00W 7+25N	1	2.1	33	49	623	1	1	28	225
90YYSN 2+00W 7+50N	2	.7	40	125	528	51	4	151	290
90YYSN 2+00W 7+75N	1	1.6	20	20	108	1	1	1	185
90YYSN 2+00W 8+00N	1	1.2	17	12	78	1	1	1	170
90YYSN 2+00W 8+25N	1	2.4	24	12	135	1	1	1	155
90YYSN 3+00W 5+00N	1	4.1	21	6	76	1	1	1	165
90YYSN 3+00W 5+25N	2	1.2	19	11	57	1	1	1	185
90YYSN 3+00W 5+50N	1	1.4	17	25	92	1	1	1	155
90YYSN 3+00W 5+75N	1	1.0	20	8	111	1	1	1	210
90YYSN 3+00W 6+00N	3	2.5	21	6	127	1	1	1	185
90YYSN 3+00W 6+25N	1	2.6	23	6	95	1	1	1	315
90YYSN 3+00W 6+50N	2	2.2	21	15	86	1	1	1	220
90YYSN 3+00W 6+75N	1	2.1	23	16	192	1	1	1	210
90YYSN 3+00W 7+00N	1	3.6	24	11	60	1	1	1	255
90YYSN 3+00W 7+25N	2	2.7	24	11	107	1	1	1	245
90YYSN 3+00W 7+50N	1	2.5	32	6	153	1	1	1	190
90YYSN 3+00W 7+75N	1	.1	26	25	194	1	1	1	165
90YYSN 3+00W 8+00N	1	.1	17	10	168	1	1	1	225
90YYSN 3+00W 8+25N	1	1.5	21	12	110	1	1	1	180
90YYSN 4+00W 5+00N	2	2.6	22	6	109	1	1	1	235
90YYSN 4+00W 5+25N	1	1.7	32	11	141	1	1	1	185
90YYSN 4+00W 5+50N	1	2.9	22	6	127	1	1	1	310
90YYSN 4+00W 5+75N	3	3.7	23	13	119	1	1	1	210
90YYSN 4+00W 6+00N	1	3.2	29	6	71	1	1	1	235
90YYSN 4+00W 6+25N	2	6.6	49	8	89	1	1	1	240
90YYSN 4+00W 6+50N	1	3.9	34	5	89	1	1	1	345
90YYSN 4+00W 6+75N	1	2.3	47	41	244	10	1	24	245
90YYSN 4+00W 7+00N	2	4.6	47	6	67	1	1	1	220
90YYSN 4+00W 7+25N	1	1.6	29	22	360	1	1	1	205
90YYSN 4+00W 7+50N	2	3.3	32	6	123	1	1	1	285
90YYSN 4+00W 7+75N	1	3.6	24	5	64	1	1	1	260
90YYSN 4+00W 8+00N	1	4.0	23	14	112	1	1	1	255
90YYSN 4+00W 8+25N	2	2.1	19	8	94	1	1	1	165

COMP: KEEWATIN ENGINEERING
PROJ: 284 C
ATTN: R.PEGG/R.NICHOLS

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0V-1241-SJ1+2
DATE: 90/08/30
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90LL S 0+00W 0+00N	1	2.5	19	6	121	1	1	1	105
90LL S 0+00W 0+50N	1	2.3	18	6	113	1	1	1	130
90LL S 0+00W 0+75N	2	2.0	19	6	94	1	1	1	205
90LL S 0+00W 1+00N	1	2.1	19	8	121	1	1	1	150
90LL S 0+00W 1+25N	1	1.7	21	9	149	1	1	1	145
90LL S 0+00W 1+50N	3	2.0	28	5	194	1	1	1	155
90LL S 0+00W 1+75N	2	2.0	17	6	69	1	1	1	175
90LL S 0+00W 2+00N	2	2.5	19	6	87	1	1	1	215
90LL S 0+00W 2+25N	1	2.6	21	6	106	1	1	1	225
90LL S 0+00W 2+50N	1	.9	13	18	63	1	1	1	130
90LL S 0+00W 2+75N	4	2.2	34	7	132	1	1	1	140
90LL S 0+00W 3+00N	1	2.4	17	6	79	1	1	1	155
90LL S 0+00W 3+25N	1	.8	17	9	52	1	1	1	215
90LL S 0+00W 3+50N	1	1.0	18	6	122	1	1	1	195
90LL S 0+00W 3+75N	1	1.0	13	7	44	16	1	1	145
90LL S 0+00W 4+00N	3	.9	15	6	47	1	1	1	130
90LL S 0+00W 4+25N	1	.1	17	14	139	1	1	1	175
90LL S 0+00W 4+50N	2	2.8	23	6	101	1	1	1	80
90LL S 0+00W 4+75N	3	1.7	37	6	92	1	1	1	105
90LL S 1+00W 0+00N	1	.1	13	29	153	1	1	1	70
90LL S 1+00W 0+25N	3	2.2	16	14	125	1	1	1	105
90LL S 1+00W 0+75N	1	.5	28	22	84	1	1	1	100
90LL S 1+00W 1+00N	1	.1	18	47	62	19	1	1	210
90LL S 1+00W 1+50N	2	2.0	19	7	123	1	1	1	130
90LL S 1+00W 1+75N	1	1.4	13	9	70	1	1	1	120
90LL S 1+00W 2+00N	2	2.2	15	6	115	1	1	1	120
90LL S 1+00W 2+25N	1	1.0	18	6	81	1	1	1	140
90LL S 1+00W 2+50N	1	1.4	17	9	121	1	1	1	200
90LL S 1+00W 2+75N	2	2.1	22	6	127	1	1	1	115
90LL S 1+00W 3+00N	4	1.9	18	6	58	1	1	1	110
90LL S 1+00W 3+50N	2	2.1	15	6	98	1	1	1	115
90LL S 1+00W 3+75N	1	2.2	17	6	88	1	1	1	140
90LL S 1+00W 4+00N	1	1.3	61	10	117	1	1	1	135
90LL S 1+00W 4+25N	2	1.2	18	6	108	1	1	1	140
90LL S 1+00W 4+50N	4	2.2	21	10	135	1	1	1	115
90LL S 1+00W 0+25S	1	1.0	18	24	135	1	1	1	145
90LL S 1+00W 0+50S	2	.7	15	10	132	1	1	1	155
90LL S 1+00W 0+75S	2	1.8	22	6	83	1	1	1	190
90LL S 1+00W 1+00S	1	.1	47	23	61	15	1	1	70
90LL S 1+00W 1+25S	1	.2	31	21	64	5	1	4	90
90LL S 1+00W 1+50S	1	.1	26	36	50	33	1	11	65
90YYSN 0+00W 5+00N	5	2.8	22	9	150	1	1	1	145
90YYSN 0+00W 5+25N	3	3.3	28	6	202	1	1	1	210
90YYSN 0+00W 5+50N	2	2.8	34	9	143	1	1	1	105
90YYSN 0+00W 5+75N	2	2.3	20	6	70	1	1	1	155
90YYSN 0+00W 6+00N	1	1.9	20	6	59	1	1	1	160
90YYSN 0+00W 6+25N	2	1.2	31	16	136	1	1	1	135
90YYSN 0+00W 6+50N	1	2.4	24	6	116	1	1	1	130
90YYSN 0+00W 6+75N	1	1.4	20	10	146	1	1	1	185
90YYSN 0+00W 7+00N	1	2.5	32	6	147	1	1	1	155
90YYSN 0+00W 7+25N	2	2.6	23	6	84	1	1	1	220
90YYSN 0+00W 7+50N	1	2.3	21	6	238	1	1	1	125
90YYSN 0+00W 7+75N	1	3.1	23	12	171	1	1	1	170
90YYSN 0+00W 8+00N	1	2.4	16	14	146	1	1	1	145
90YYSN 0+00W 8+25N	2	1.2	15	9	179	1	1	1	120
90YYSN 1+00W 5+00N	3	1.2	18	7	137	1	1	1	145
90YYSN 1+00W 5+25N	4	1.4	22	9	145	1	1	1	135
90YYSN 1+00W 5+50N	2	1.3	15	13	74	1	1	1	145
90YYSN 1+00W 5+75N	2	.5	16	9	56	1	1	1	205
90YYSN 1+00W 6+00N	1	.7	15	6	51	1	1	1	180

COMP: KEEWATIN ENGINEERING
PROJ: 284C
ATTN: R.PEGG/R.NICHOLS

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0379-SJ5+6
DATE: 90/09/04
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90V 11+00W/0+75N	4	1.1	23	34	112	1	1	1	155
90V 11+00W/1+00N	1	1.1	16	20	136	1	1	1	215
90V 11+00W/1+25N	2	1.1	15	27	133	1	1	1	180
90V 11+00W/1+50N	1	1.4	17	15	132	1	1	1	170
90V 11+00W/1+75N	1	1.4	19	9	117	1	1	1	225
90V 11+00W/2+00N	2	1.3	17	11	114	1	1	1	170
90V 11+00W/2+25N	3	1.3	20	19	95	1	1	1	160
90V 11+00W/2+50N	1	1.3	19	12	171	1	1	1	225
90V 11+00W/2+75N	4	1.3	22	13	159	1	1	1	190
90V 11+00W/3+00N	2	1.2	18	8	99	1	1	1	210
90V 11+00W/3+25N	1	1.1	21	10	117	1	1	1	190
90V 11+00W/3+50N	3	1.3	19	11	116	1	1	1	155
90V 11+00W/4+00N	2	1.1	26	19	136	1	1	1	210
90V 11+00W/4+25N	1	1.3	16	14	116	1	1	1	160
90V 11+00W/4+50N	3	1.1	15	17	119	1	1	1	205
90V 11+00W/5+25N	1	.8	24	25	110	1	1	1	165
90V 11+00W/5+50N	5	1.0	85	20	84	1	1	1	210
90V 11+00W/5+75N	6	.8	20	23	167	1	1	1	140
90V 11+00W/6+00N	2	1.2	27	8	46	1	1	1	150
90V 11+00W/6+25N	1	1.0	27	11	126	1	1	1	145
90V 11+00W/6+50N	2	1.3	17	9	121	1	1	1	165
90V 11+00W/6+75N	1	1.0	36	11	103	1	1	1	135
90V 11+00W/7+00N	5	1.2	34	16	113	1	1	1	175
90V 11+00W/7+25N	2	1.3	21	14	119	1	1	1	145
90V 11+00W/7+50N	1	.7	17	39	75	1	1	1	150
90V 11+00W/7+75N	3	.6	19	21	92	1	1	1	220
90V 11+00W/8+00N	1	.7	20	30	179	1	1	1	215
BL 5+00N/10+00W	2	.9	20	23	113	1	1	1	120
BL 5+00N/10+25W	1	.9	21	23	106	1	1	1	200
BL 5+00N/10+50W	2	.8	27	25	156	1	1	1	155
BL 5+00N/10+75W	1	.9	27	17	117	1	1	1	270
BL 5+00N/11+50W	1	1.0	28	18	104	1	1	1	285

COMP: KEEWATIN ENGINEERING
PROJ: 284C
ATTN: R.PEGG/R.NICHOLS

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0379-SJ3+4
DATE: 90/09/04
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90Y 6+00W/0+00N	3	.4	21	54	179	1	1	1	245
90Y 6+00W/0+25N	2	1.2	27	22	106	1	1	1	210
90Y 6+00W/0+50N	1	1.1	17	8	120	1	1	1	200
90Y 6+00W/0+75N	3	.6	26	25	223	1	1	1	255
90Y 6+00W/1+00N	2	1.1	22	13	165	1	1	1	325
90Y 6+00W/1+25N	1	.7	25	30	128	1	1	1	205
90Y 6+00W/1+50N	3	1.2	20	9	200	1	1	1	190
90Y 6+00W/1+75N	4	1.4	20	8	157	1	1	1	200
90Y 6+00W/2+00N	1	1.2	23	25	136	1	1	1	260
90Y 6+00W/2+25N	1	1.2	25	17	142	1	1	1	185
90Y 6+00W/2+50N	2	1.3	27	13	113	1	1	1	200
90Y 6+00W/2+75N	1	1.4	23	15	103	1	1	1	265
90Y 6+00W/3+00N	3	.5	42	36	85	1	1	1	105
90Y 6+00W/3+25N	4	1.2	19	8	107	1	1	1	190
90Y 6+00W/3+50N	3	1.1	26	11	169	1	1	1	185
90Y 6+00W/3+75N	2	1.1	27	14	146	1	1	1	190
90Y 6+00W/4+00N	4	1.4	19	8	180	1	1	1	225
90Y 6+00W/4+25N	1	1.1	18	8	112	1	1	1	340
90Y 6+00W/4+50N	4	1.1	20	8	124	1	1	1	335
90Y 6+00W/4+75N	5	.8	23	20	129	1	1	1	270
90Y 7+00W/0+00N	2	.9	22	36	116	1	1	5	210
90Y 7+00W/0+25N	1	1.0	23	28	193	1	1	1	205
90Y 7+00W/0+50N	2	1.0	23	19	171	1	1	3	295
90Y 7+00W/0+75N	4	1.2	18	16	172	1	1	1	400
90Y 7+00W/1+00N	2	1.2	16	12	179	1	1	1	265
90Y 7+00W/1+25N	1	1.2	20	15	139	1	1	1	380
90Y 7+00W/1+50N	4	.9	23	17	183	1	1	1	225
90Y 7+00W/1+75N	5	1.1	23	24	85	1	1	1	220
90Y 7+00W/2+25N	2	.4	44	35	166	2	1	2	170
90Y 7+00W/2+50N	6	1.8	19	11	137	1	1	1	235
90Y 7+00W/2+75N	1	1.3	19	35	123	1	1	1	135
90Y 7+00W/3+00N	2	.8	34	25	143	1	1	1	165
90Y 7+00W/3+25N	1	.4	22	40	170	1	1	1	160
90Y 7+00W/3+50N	2	1.1	55	22	88	5	1	1	245
90Y 7+00W/3+75N	1	1.3	25	11	135	1	1	1	180
90Y 7+00W/4+00N	3	1.1	41	12	118	1	1	1	210
90Y 7+00W/4+25N	5	1.0	37	16	128	1	1	1	240
90Y 7+00W/4+50N	1	1.2	23	14	190	1	1	1	230
90Y 7+00W/4+75N	2	1.3	17	11	127	1	1	1	235
90Y 7+00W/0+25S	4	1.3	20	11	106	1	1	1	160
90Y 7+00W/0+50S	1	1.0	25	16	164	1	1	1	195
90Y 7+00W/0+75S	5	1.0	11	33	45	69	1	2	335
90Y 7+00W/1+00S	4	1.2	21	11	199	1	1	1	325
90Y 7+00W/1+25S	1	1.2	17	16	116	1	1	1	165
90Y 7+00W/1+50S	1	1.0	28	17	135	1	1	1	175
90Y 7+00W/1+75S	10	.9	24	15	102	1	1	1	285
90Y 7+00W/2+00S	2	1.2	18	8	117	1	1	1	130
90V 8+00W/0+00N	2	.5	17	31	103	1	1	1	160
90V 8+00W/0+25N	3	1.4	17	8	135	1	1	1	145
90V 8+00W/0+50N	4	1.2	16	12	118	1	1	1	205
90V 8+00W/0+25S	2	1.4	23	8	63	1	1	1	330
90V 8+00W/0+50S	1	.8	33	24	146	1	1	1	275
90V 8+00W/0+75S	3	1.3	31	25	119	1	1	1	255
90V 8+00W/1+00S	2	1.1	17	13	141	1	1	1	375
90V 8+00W/1+25S	1	.8	17	29	107	1	1	1	285
90V 8+00W/1+50S	4	.7	25	23	139	9	1	6	200
90V 11+00W/0+25S	2	.7	31	22	136	1	1	1	185
90V 11+00W/0+50S	3	.6	28	32	147	28	1	2	135
90V 11+00W/0+00	4	.8	32	27	222	7	1	1	160
90V 11+00W/0+25N	2	.5	17	39	.68	22	1	3	150

COMP: KEEWATIN ENGINEERING
PROJ: 284C
ATTN: R.PEGG/R.NICHOLS

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0379-SJ1+2
DATE: 90/09/04
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90Y 5+00W/0+00N	2	.6	23	24	127	1	1	1	170
90Y 5+00W/0+25N	1	.7	16	33	131	1	1	1	215
90Y 5+00W/0+50N	3	1.1	20	14	240	1	1	1	230
90Y 5+00W/0+75N	1	1.2	15	11	158	1	1	1	275
90Y 5+00W/1+00N	2	1.0	27	12	99	1	1	1	130
90Y 5+00W/1+25N	3	1.1	21	15	107	1	1	1	135
90Y 5+00W/1+50N	4	1.0	17	9	109	1	1	1	205
90Y 5+00W/1+75N	5	.9	27	20	152	1	1	1	115
90Y 5+00W/2+00N	2	1.2	18	10	109	1	1	1	140
90Y 5+00W/2+25N	1	1.1	18	13	97	1	1	1	90
90Y 5+00W/2+50N	4	1.2	15	8	98	1	1	1	155
90Y 5+00W/2+75N	5	1.2	14	11	106	1	1	1	230
90Y 5+00W/3+00N	2	1.1	13	8	100	1	1	1	210
90Y 5+00W/3+25N	1	1.0	12	13	94	1	1	1	105
90Y 5+00W/3+50N	1	.6	24	28	219	1	1	1	170
90Y 5+00W/0+25S	6	1.3	14	8	111	1	1	1	130
90Y 5+00W/0+50S	2	.9	21	15	134	1	1	1	140
90Y 5+00W/0+75S	1	.4	39	40	147	1	1	1	155
90Y 5+00W/1+00S	3	.8	34	27	187	1	1	1	175
90Y 5+00W/1+25S	2	.8	21	20	126	1	1	1	230
90Y 5+00W/1+50S	1	1.4	18	8	167	1	1	1	180
90Y 5+00W/1+75S	4	1.2	23	8	145	1	1	1	160
90Y 5+00W/2+00S	2	1.0	16	8	144	1	1	1	145
90Y 5+00W/2+25S	6	1.2	18	10	170	1	1	1	235
90Y 5+00W/2+50S	2	1.2	22	11	178	1	1	1	175
90Y 5+00W/2+75S	5	1.3	20	6	168	1	1	1	120
90Y 5+00W/3+00S	3	1.4	20	9	179	1	1	1	165
90Y L5+00N/8+00W	2	1.3	22	8	106	1	1	1	330
90Y L5+00N/7+75W	4	1.1	18	8	75	24	1	1	250
90Y L5+00N/7+50W	5	1.2	24	25	171	1	1	1	160
90Y L5+00N/7+25W	280	1.6	23	15	165	1	1	1	185
90Y L5+00N/7+00W	3	1.5	24	20	114	1	1	1	135
90Y L5+00N/6+25W	1	1.6	24	13	134	5	1	1	155
90Y L5+00N/6+50W	1	1.5	24	11	130	1	1	1	190
90Y L5+00N/6+75W	2	1.2	30	16	92	1	1	1	175
90Y 7+00W/5+25N	4	.8	25	31	112	1	1	1	170
90Y 7+00W/5+50N	5	1.3	24	9	121	1	1	1	175
90Y 7+00W/5+75N	2	.5	23	31	121	46	1	1	235
90Y 7+00W/6+00N	2	1.1	22	17	94	1	1	1	275
90Y 7+00W/6+25N	1	1.0	22	34	80	1	1	1	155
90Y 7+00W/6+50N	2	1.6	22	8	58	1	1	1	300
90Y 7+00W/6+75N	1	1.3	28	8	86	3	1	1	355
90Y 7+00W/7+00N	2	1.6	26	8	48	1	1	1	260
90Y 7+00W/7+25N	1	.6	76	20	165	43	1	1	405
90Y 7+00W/7+50N	2	1.7	29	8	63	4	1	1	385
90Y 7+00W/7+75N	3	.9	32	8	36	101	1	3	410
90Y 7+00W/8+00N	2	1.2	51	20	41	1	1	1	350
90Y 7+00W/8+25N	2	.8	110	16	229	1	1	1	320
90Y 6+00W/0+25S	1	1.0	25	8	161	1	1	1	285
90Y 6+00W/0+50S	1	.5	34	42	130	36	1	3	220
90Y 6+00W/0+75S	4	1.5	27	13	120	1	1	1	160
90Y 6+00W/1+00S	2	1.4	19	21	152	1	1	1	165
90Y 6+00W/1+25S	3	1.6	21	8	32	1	1	1	205
90Y 6+00W/1+50S	1	.3	32	46	69	70	1	7	140
90Y 6+00W/1+75S	2	1.3	19	16	147	12	1	1	145
90Y 6+00W/2+00S	4	.9	59	23	278	68	1	5	280
90Y 6+00W/2+25S	2	1.2	20	8	147	19	1	1	185
90Y 6+00W/2+50S	1	1.4	24	20	159	1	1	1	180
90Y 6+00W/2+75S	3	1.2	26	21	117	1	1	1	155
90Y 6+00W/3+00S	2	1.2	26	12	143	1	1	1	230

COMP: KEEWATIN ENGRG.
PROJ: 284C
ATTN: R.NICHOLS/R.PEGG

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0590-SJ1+2
DATE: 90/10/03
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90H SN 0+00W 5+13N	2	1.6	21	6	143	1	1	1	125
90H SN 0+00W 5+25N	1	2.3	29	7	116	1	1	1	180
90H SN 0+00W 5+37N	1	1.8	36	33	152	1	1	1	140
90H SN 0+00W 7+63N	3	.7	35	22	199	1	1	1	135
90H SN 0+00W 7+75N	2	2.2	24	6	108	1	1	1	145
90H SN 0+00W 7+87N	2	1.8	33	8	274	1	1	1	180
90H SN 0+25W 5+13N	1	1.7	23	7	168	1	1	1	85
90H SN 0+25W 5+25N	2	2.5	21	6	93	1	1	1	170
90H SN 0+25W 5+37N	2	2.5	24	7	92	1	1	1	185
90H SN 0+25W 7+63N	1	2.2	40	7	52	1	1	1	215
90H SN 0+25W 7+75N	1	1.7	32	6	136	1	1	1	140
90H SN 0+25W 7+87N	1	2.6	32	9	105	1	1	1	125
90H SN 0+25E 5+13N	4	2.1	18	10	104	1	1	1	155
90H SN 0+25E 5+25N	6	2.1	20	7	88	1	1	1	155
90H SN 0+25E 5+37N	1	2.1	19	5	114	1	1	1	150
90H SN 0+25E 7+63N	2	2.3	25	10	62	1	1	1	165
90H SN 0+25E 7+75N	2	.9	25	21	168	1	1	1	105
90H SN 0+25E 7+87N	3	2.2	23	9	151	1	1	1	110
90H SN 0+25W 6+63N	2	2.5	19	6	104	1	1	1	185
90H SN 0+25W 6+75N	2	2.4	23	7	38	1	1	1	235
90H SN 0+25W 6+87N	9	1.3	33	10	95	1	1	1	245
90H SN 1+00W 6+63N	2	3.4	50	7	151	1	1	1	445
90H SN 1+00W 6+75N	2	2.3	32	8	60	1	1	1	210
90H SN 1+00W 6+87N	1	2.2	33	5	112	1	1	1	155
90H SN 1+25W 6+63N	1	2.4	56	6	92	1	1	1	135
90H SN 1+25W 6+75N	3	2.1	47	7	153	1	1	1	135
90H SN 1+75W 6+38N	1	2.0	38	6	72	1	1	1	235
90H SN 1+75W 6+50N	2	2.0	20	7	57	1	1	1	125
90H SN 1+75W 6+67N	1	1.6	28	8	27	1	1	1	265
90H SN 1+75W 7+13N	2	2.2	23	7	71	1	1	1	140
90H SN 1+75W 7+25N	2	1.8	37	18	114	1	1	1	250
90H SN 1+75W 7+37N	1	1.9	22	10	47	1	1	1	335
90H SN 1+75W 7+50N	2	2.1	21	7	108	1	1	1	165
90H SN 1+75W 7+62N	2	2.7	29	6	282	1	1	1	155
90H SN 2+00W 6+38N	1	1.3	21	8	22	1	1	1	195
90H SN 2+00W 6+50N	1	2.6	30	7	64	1	1	1	220
90H SN 2+00W 6+67N	1	2.6	29	6	48	1	1	1	135
90H SN 2+00W 7+13N	2	1.3	17	6	44	1	1	1	180
90H SN 2+00W 7+25N	3	.2	35	64	625	1	1	49	110
90H SN 2+00W 7+37N	2	2.4	32	7	311	1	1	1	260
90H SN 2+00W 7+50N	2	2.5	24	8	91	1	1	1	135
90H SN 2+00W 7+62N	2	1.8	17	30	34	1	1	1	115
90H SN 2+25W 6+38N	1	1.6	31	23	39	1	1	1	215
90H SN 2+25W 6+50N	1	2.4	36	6	26	1	1	1	245
90H SN 2+25W 6+67N	1	1.5	31	7	9	1	1	1	200
90H SN 2+25W 7+13N	2	2.0	26	8	120	1	1	1	195
90H SN 2+25W 7+25N	3	2.8	28	9	90	1	1	1	175
90H SN 2+25W 7+37N	2	2.5	22	5	111	1	1	1	160
90H SN 2+25W 7+50N	2	1.7	23	12	59	1	1	1	220
90H SN 2+25W 7+67N	1	1.3	17	11	72	1	1	1	145
90HSN 2+75W 4+37.5N	1	1.5	18	36	65	1	1	1	95
90HSN 2+75W 4+50.0N	2	1.1	28	31	72	1	1	1	90
90HSN 2+75W 4+62.5N	1	2.2	18	6	90	1	1	1	110
90HSN 2+75W 4+75.0N	1	2.0	16	5	85	1	1	1	85
90HSN 2+75W 4+87.5N	2	1.7	14	8	69	1	1	1	150
90HSN 2+75W 5+00.0N	1	1.7	13	7	52	1	1	1	130
90HSN 2+75W 5+12.5N	2	1.3	29	26	85	1	1	1	180
90HSN 2+75W 6+88.0N	1	2.5	21	7	351	1	1	1	235
90HSN 2+75W 7+00N	1	1.7	14	6	94	1	1	1	170
90HSN 2+75W 7+12N	5	1.9	18	7	82	1	1	1	110

COMP: KEEWATIN ENGRG.
PROJ: 284C
ATTN: R.NICHOLS/R.PEGG

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0590-SJ3+4
DATE: 90/10/03
* ROCK * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90HSN 3+00W 4+37.5N	2	1.9	29	37	90	1	1	1	105
90HSN 3+00W 4+50.0N	1	2.1	27	6	71	1	1	1	150
90HSN 3+00W 4+62.5N	2	2.0	22	8	72	1	1	1	135
90HSN 3+00W 4+75.0N	2	1.9	20	7	90	1	1	1	155
90HSN 3+00W 4+87.5N	6	2.1	23	6	113	1	1	1	130
90HSN 3+00W 5+00.0N	2	1.8	15	5	52	1	1	1	230
90HSN 3+00W 5+12.5N	1	2.4	20	25	62	1	1	1	160
90HSN 3+00W 6+88.0N	1	2.5	20	8	88	1	1	1	225
90HSN 3+00W 7+00.0N	1	2.1	18	7	48	1	1	1	265
90HSN 3+00W 7+12.0N	3	1.8	22	9	106	1	1	1	180
90HSN 3+25W 4+37.5N	2	2.7	19	6	91	1	1	1	160
90HSN 3+25W 4+50.0N	2	2.4	25	6	126	1	1	1	135
90HSN 3+25W 4+62.5N	1	2.0	15	5	76	1	1	1	150
90HSN 3+25W 4+75.0N	2	2.0	16	4	62	1	1	1	265
90HSN 3+25W 4+87.5N	5	1.7	19	8	52	1	1	1	240
90HSN 3+25W 5+00.0N	2	1.6	24	12	94	1	1	1	155
90HSN 3+25W 5+12.5N	8	1.7	65	18	152	1	1	1	180
90HSN 3+25W 6+88.0N	1	2.5	23	11	107	1	1	1	250
90HSN 3+25W 7+00.0N	2	1.9	46	6	145	1	1	1	235
90HSN 3+25W 7+12.0N	3	1.7	24	7	27	1	1	1	330
90HSN 8+75W 5+13N	2	2.7	51	6	160	1	1	1	240
90HSN 8+75W 5+25N	2	1.5	29	14	208	1	1	1	120
90HSN 8+75W 5+37N	4	1.4	39	16	161	1	1	1	110
90HSN 8+75W 7+63N	2	.8	14	39	23	1	1	2	205
90HSN 8+75W 7+75N	1	1.5	34	30	128	1	1	1	195
90HSN 8+75W 7+87N	3	.7	28	36	44	1	1	1	165
90HSN 9+00W 5+13N	1	1.9	20	7	78	1	1	1	140
90HSN 9+00W 5+25N	2	1.9	27	6	49	1	1	1	230
90HSN 9+00W 5+37N	2	1.8	29	7	79	1	1	1	160
90HSN 9+00W 7+63N	1	.2	6	37	19	1	1	1	130
90HSN 9+00W 7+75N	1	1.0	16	22	24	1	1	1	275
90HSN 9+00W 7+87N	2	2.8	33	10	53	1	1	1	195
90HSN 9+25W 5+13N	2	1.2	29	18	69	1	1	1	115
90HSN 9+25W 5+25N	1	1.6	41	6	37	1	1	1	165
90HSN 9+25W 5+37N	1	1.5	22	7	33	1	1	1	160
90HSN 9+25W 6+87N	1	1.9	36	9	86	1	1	1	175
90HSN 9+25W 7+63N	2	2.2	39	7	110	1	1	1	145
90HSN 9+25W 7+75N	1	1.5	37	20	124	1	1	1	130
90HSN 9+25W 7+87N	3	1.7	29	6	20	1	1	1	125
90LSN 1+75W 0+37.5S	2	1.9	19	8	141	1	1	1	130
90LSN 1+75W 0+62.5S	2	2.0	15	6	64	1	1	1	100
90LSN 2+00W 0+37.5S	2	1.7	19	9	166	1	1	1	95
90LSN 2+00W 0+50.0S	1	1.3	36	21	199	1	1	1	115
90LSN 2+00W 0+62.5	2	2.2	19	8	147	1	1	1	95
90LSN 2+25W 0+37.5S	3	2.1	18	6	139	1	1	1	120
90LSN 2+25W 0+50.0S	1	1.8	20	8	143	1	1	1	70
90LSN 2+25W 0+62.5S	4	.9	42	16	113	1	1	1	120
90LSN 5+75W 1+37.5S	2	.1	64	38	47	1	1	3	75
90LSN 5+75W 1+50.0S	1	.1	26	34	36	1	1	2	40
90LSN 5+75W 1+62.5S	1	.6	25	29	82	1	1	1	80
90LSN 5+75W 1+87.5S	1	2.1	19	6	101	1	1	1	135
90LSN 5+75W 2+00.0S	1	2.0	21	9	190	1	1	1	120
90LSN 5+75W 2+12.5S	3	2.4	175	12	48	1	1	1	575
90LSN 6+00W 1+37.5S	1	.3	65	43	57	1	1	4	80
90LSN 6+00W 1+50.0S	2	.5	44	41	88	1	1	1	125
90LSN 6+00W 1+62.5S	2	.2	37	49	54	10	1	5	135
90LSN 6+00W 1+75.0S	2	2.2	21	7	139	1	1	1	150
90LSN 6+00W 1+87.5S	3	1.6	48	6	331	1	1	1	245
90LSN 6+00W 2+00.0S	1	1.6	27	8	115	1	1	1	135
90LSN 6+25W 1+37.5S	2	.9	29	29	177	1	1	1	90

COMP: KEEWATIN ENGRG.
PROJ: 284C
ATTN: R.NICHOLS/R.PEGG

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0590-SD5+6
DATE: 90/10/03
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90LSN 6+25W 1+50.0S	2	.6	51	35	128	1	1	1	80
90LSN 6+25W 1+62.5S	3	2.0	41	6	180	1	1	1	265
90LSN 6+25W 1+87.5S	1	2.1	16	6	163	1	1	1	165
90LSN 6+25W 2+00.0S	2	.1	50	31	39	1	1	1	310
90LSN 6+25W 2+12.5S	16	2.0	27	6	120	1	1	1	145
90LSN 6+75W 0+63.5S	9	1.9	22	7	75	1	1	1	185
90LSN 6+75W 0+75.0S	7	1.8	22	8	110	1	1	1	230
90LSN 6+75W 0+87.5S	15	1.9	14	21	79	1	1	1	145
90LSN 7+00W 0+63.5S	4	2.0	16	6	138	1	1	1	265
90LSN 7+00W 0+75.0S	6	1.7	15	16	67	1	1	1	205
90LSN 7+00W 0+87.5S	1	1.6	21	6	68	1	1	1	170
90LSN 7+25W 0+63.5S	1	1.8	25	5	91	1	1	1	185
90LSN 7+25W 0+75.0S	1	1.9	18	9	40	1	1	1	340
90LSN 7+25W 0+87.5S	2	1.8	17	6	53	1	1	1	365
90LSN 8+75S 1+37.5S	1	.4	33	31	42	1	1	19	130
90LSN 8+75S 1+50.0S	8	2.2	43	6	82	1	1	1	145
90LSN 8+75S 2+12.5N	1	2.5	25	7	86	1	1	1	240
90LSN 8+75S 2+25.0N	4	.6	38	26	156	1	1	1	110
90LSN 8+75S 2+37.5N	2	2.2	18	6	151	1	1	1	130
90LSN 9+00W 1+37.5S	5	.5	39	24	111	1	1	1	85
90LSN 9+00W 1+50.0S	3	.6	62	58	15	21	1	28	455
90LSN 9+00W 1+62.5S	1	.3	55	20	33	1	1	18	110
90LSN 9+00W 2+12.5N	1	.8	36	23	143	1	1	1	130
90LSN 9+00W 2+25.0N	1	.8	26	8	205	1	1	1	155
90LSN 9+00W 2+37.5N	1	1.4	21	6	133	1	1	1	185
90LSN 9+25W 1+37.5S	2	1.7	23	8	125	1	1	1	165
90LSN 9+25W 1+50.0S	2	.4	80	46	42	24	1	42	1150
90LSN 9+25W 1+62.5S	1	.2	42	38	101	1	1	17	245
90LSN 9+25W 2+12.5S	3	2.3	17	6	124	1	1	1	250
90LSN 9+25W 2+25N	2	1.7	25	9	99	1	1	1	295
90LSN 9+25W 2+37.5N	1	1.6	16	4	73	1	1	1	195
90LSN 9+75W 0+12.5N	4	1.6	29	4	119	1	1	1	45
90LSN 9+75W 0+25.0N	1	2.3	23	4	179	1	1	1	95
90LSN 9+75W 0+37.5N	2	1.1	30	17	90	1	1	1	110
90LSN10+00W 0+12.5N	1	1.6	24	6	221	1	1	1	100
90LSN10+00W 0+25.0N	1	1.2	47	4	462	1	1	1	130
90LSN10+00W 0+37.5N	2	.2	21	35	30	1	1	1	55
90LSSS10+25W0+12.5N	1	2.3	23	4	152	1	1	1	90
90LSSS10+25W0+25.0N	2	1.3	18	25	178	1	1	1	130
90LSSS10+25W0+37.5N	3	2.6	19	4	143	1	1	1	100
90LLSS 0+00S 0+00WN	1	1.6	21	10	75	1	1	1	75
90LLSS 0+00S 1+00WN	2	.4	23	34	128	1	1	1	135
90LLSS 0+00S 1+50WN	1	1.4	19	17	42	1	1	1	110
90LLSS 0+00S 2+00WN	2	.2	31	36	115	1	1	1	90
90LLSS 0+00S 3+00WN	3	.3	39	49	95	1	1	1	110
90LLSS 0+00S 4+50WN	5	.3	43	39	59	1	1	1	440
90LLSS 0+00S 5+50WN	2	1.5	22	41	77	1	1	1	225
90LLSS 0+00S 6+00WN	1	1.4	60	29	40	1	1	1	200
90LLSS 0+00S 7+00WN	1	1.5	60	31	49	1	1	1	290
90LLSS 0+00S 7+50WN	1	2.3	41	4	28	1	1	1	250
90LL 1500F 1+25N	5	.2	34	31	200	1	1	1	185
90LL 1600F 1+25N	2	.3	37	34	150	1	1	1	75
90LL 1700F 1+25N	4	.2	41	30	181	1	1	1	130

COMP: KEEWATIN ENGRG.
PROJ: 284C
ATTN: R.NICHOLS/R.PEGG

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

Fekete Patiniere

FILE NO: 0V-1516-SP1+2
DATE: 90/10/05
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90L-SN;3+75W5+62.5N	2	2.9	26	13	141	1	1	3	215
90L-SN;3+75W5+75N	2	2.5	27	17	120	1	1	1	220
90L-SN;3+75W5+87.5N	1	2.0	21	22	53	1	1	1	245
90L-SN;3+75W6+12.5N	1	3.1	36	21	131	1	1	2	215
90L-SN;3+75W6+25N	1	3.0	34	16	121	1	1	3	230
90L-SN;3+75W6+37.5N	2	2.3	46	33	216	1	1	1	235
90L-SN;3+75W6+50N	1	3.2	45	6	99	1	1	1	195
90L-SN;3+75W6+62.5N	1	2.5	37	9	90	1	1	1	285
90L-SN;3+75W7+12.5N	1	3.0	31	6	72	1	1	1	195
90L-SN;3+75W7+25N	1	2.5	30	18	114	1	1	1	190
90L-SN;3+75W7+37.5N	1	1.9	18	17	55	1	1	5	200
90L-SN;3+75W7+50N	1	3.1	23	6	62	1	1	1	265
90L-SN;3+75W7+62.5N	1	2.5	31	22	174	1	1	1	165
90L-SN;3+75W7+75N	1	2.7	29	15	92	1	1	2	170
90L-SN;3+75W7+87.5N	1	1.3	48	49	1187	23	4	37	855
90L-SN;3+75W8+00N	6	1.4	38	59	430	1	1	16	185
90L-SN;3+75W8+12.5N	3	3.1	49	16	63	1	1	1	230
90L-SN;4+00W5+62.5N	1	2.7	36	18	173	1	1	1	220
90L-SN;4+00W5+75N	3	2.4	29	10	60	1	1	1	245
90L-SN;4+00W5+87.5N	1	2.1	22	18	108	1	1	1	145
90L-SN;4+00W6+12.5N	1	2.9	37	21	114	1	1	3	195
90L-SN;4+00W6+25N	2	1.1	41	60	137	7	1	3	295
90L-SN;4+00W6+37.5N	1	2.5	29	7	68	1	1	1	225
90L-SN;4+00W6+50N	1	3.6	62	16	60	1	1	1	245
90L-SN;4+00W6+62.5N	1	2.1	24	9	54	1	1	3	220
90L-SN;4+00W7+12.5N	1	3.0	24	21	77	1	1	1	235
90L-SN;4+00W7+25N	1	1.8	20	67	83	1	1	1	195
90L-SN;4+00W7+37.5N	2	2.3	22	33	84	1	1	1	125
90L-SN;4+00W7+50N	2	3.0	34	14	179	1	1	1	180
90L-SN;4+00W7+62.5N	3	2.5	28	10	86	1	1	1	245
90L-SN;4+00W7+75N	1	2.6	37	14	95	1	1	3	205
90L-SN;4+00W7+87.5N	1	2.3	21	8	130	1	1	6	145
90L-SN;4+00W8+00N	1	2.1	35	7	174	1	1	1	165
90L-SN;4+00W8+12.5N	1	1.4	41	19	311	7	1	2	130
90L-SN;4+25W5+62.5N	1	2.5	22	16	57	1	1	1	260
90L-SN;4+25W5+75N	1	1.9	26	11	76	1	1	1	190
90L-SN;4+25W5+87.5N	1	2.4	23	14	66	1	1	3	200
90L-SN;4+25W6+12.5N	3	2.9	33	10	85	1	1	2	220
90L-SN;4+25W6+25N	1	1.8	30	11	126	1	1	5	170
90L-SN;4+25W6+37.5N	3	1.8	26	16	115	1	1	1	240
90L-SN;4+25W6+50N	1	.9	49	38	103	1	1	6	295
90L-SN;4+25W6+62.5N	1	2.3	33	20	40	1	1	1	240
90L-SN;4+25W7+12.5N	1	.8	46	19	115	1	1	8	235
90L-SN;4+25W7+25N	1	1.5	31	28	47	13	1	4	190
90L-SN;4+25W7+37.5N	1	1.8	40	13	123	1	1	5	280
90L-SN;4+25W7+50N	1	2.0	27	16	81	3	1	1	270
90L-SN;4+25W7+62.5N	1	1.7	25	32	117	3	1	1	175
90L-SN;4+25W7+75N	5	1.1	34	30	159	1	1	5	155
90L-SN;4+25W7+87.5N	1	1.4	44	23	113	1	1	8	200
90L-SN;4+25W8+00N	1	2.7	30	12	60	1	1	1	230
90L-SN;4+25W8+12.5N	1	2.1	28	18	50	1	1	1	225
90H-SN;4+75W6+88N	1	2.3	25	12	64	1	1	1	310
90H-SN;4+75W7+00N	1	3.0	42	21	134	1	1	1	140
90H-SN;4+75W7+12N	1	2.6	33	19	118	1	1	2	295
90H-SN;5+00W6+88N	1	2.2	32	25	173	1	1	3	260
90H-SN;5+00W7+00N	1	2.7	35	14	77	1	1	4	245
90H-SN;5+00W7+12N	1	2.3	40	14	71	1	1	3	215
90H-SN;5+25W6+88N	3	1.8	24	11	75	1	1	5	285
90H-SN;5+25W7+00N	1	2.0	34	19	73	1	1	3	220
90H-SN;5+25W7+12N	1	2.3	23	14	100	1	1	1	210

COMP: KEEWATIN ENGRG.
PROJ: 284C
ATTN: R.NICHOLS/R.PEGG

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0V-1516-SD3
DATE: 90/10/05
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90H-SN;6+75W7+63N	1	2.0	57	48	295	1	2	11	360
90H-SN;6+75W7+75N	1	2.3	37	20	80	38	1	6	240
90H-SN;6+75W7+87N	1	1.2	27	25	61	41	2	8	210
90H-SN;7+00W7+63N	1	2.1	19	20	45	26	1	5	310
90H-SN;7+00W7+75N	1	2.0	19	12	64	3	1	3	210
90H-SN;7+00W7+87N	1	1.9	45	42	219	11	1	5	175
90H-SN;7+25W7+63N	3	2.7	22	17	102	1	1	6	165
90H-SN;7+25W7+75N	4	2.5	23	12	43	1	1	3	225
90H-SN;7+25W7+87N	1	1.6	26	29	136	27	1	4	170

COMP: KEEWATIN ENGRG.
PROJ: 284C
ATTN: R.NICHOLS/R.PEGG

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: OV-1516-SD4
DATE: 90/10/05
* SILT * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90FF-284C-L-001	1	1.3	39	32	110	53	1	3	150
90FF-284C-L-002	1	.9	50	42	109	33	1	4	160
90FF-284C-L-003	1	.8	54	42	137	40	1	4	115
90FF-284C-L-004	1	.6	55	38	134	55	3	3	150
90FF-284C-L-005	6	1.1	48	40	167	55	4	3	120

COMP: KEEWATIN ENGRG.
PROJ: 284C
ATTN: R.NICHOLS/R.PEGG

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0V-1516-RJ1
DATE: 90/10/05
* ROCK * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90H-284C-R-001	5	2.4	78	13	90	1	1	1	100
90L-284C-R-001	8	2.0	146	16	67	1	1	3	135
90L-284C-R-002	3	.1	6	35	30	1	1	2	165
90L-284C-R-003	2	1.3	28	14	64	1	4	1	200
90L-284C-R-004	3	2.3	13	26	8	67	6	4	135
90T-284C-R-002	4	.7	23	39	42	18	1	1	150
90T-284C-R-003	2	.9	49	26	110	13	1	6	125

COMP: KEEWATIN ENGINEERING
PROJ: 284C
ATTN: R.PEGG/R.NICHOLS

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0V-1263-RJ1
DATE: 90/08/31
* ROCK * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90T 284c R-001	2	.6	122	12	51	47	1	3	60

130°35'

ISKUT RIVER

ARC 62 ARC 59

ARC 61 ARC 60

LEGEND

and	andesitic	bx	brecciated
ARG	argillite	carb	carbonate
CONGL	congolmerate	f.f.	fracture filling
Gab	gabbro	phyll	phyllitic
GRY	greywacke	qtz	quartz
Int	intrusive	vols	volcanic
Lap T	lapilli tuff		
Lst	limestone		
SLT	siltstone		
SST	sandstone		
T	tuff		
Vole	volcanic		

- outcrop(large, small)
- float
- shear/fault
- bedding
- joint
- (H) helipad
- (T) helicopter toe-in
- 2500' 100 foot contour interval

NOTE: Geology by R.Honsinger, P. Lutynski, A. Muirhead & A. Travis.

0 100 200 300 400 500 m

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,217

CANADIAN CARIBOO RESOURCES LTD.

ISKUT - PALMIERE

GEOLOGY

DATE: Jan. 1991	NTS: 104 B/10E and 15E
PROJECT: 284 C	PROJ. GEOL.
SCALE: 1:5,000	
Kenwatin Engineering Inc.	MAP No. 1

130°35'

ISKUT RIVER

ARC 62 ARC 59

ARC 61 ARC 60

LEGEND

- x — Soil sample.
- o — Silt sample.
- N/S — No sample.
- —x—x— Grid line.
- ------- Traverse line.
- (H) Helipad.
- (T) Helicopter toe-in
- —5000— 100' contour interval.

0 100 200 300 400 500 m

CANADIAN CARIBOO RESOURCES LTD.

ISKUT - PALMIERE

SOIL & SILT SAMPLE LOCATIONS

DATE: Jan. 1991	NTS: 104 B/10E and 15E
PROJECT: 284C	PROJ. GEOL.:
SCALE: 1:5,000	
Keewatin Engineering Inc.	MAP No. 2

130°35'

58°45'

ISKUT RIVER

ARC 62 ARC 59

ARC 61 ARC 60

LEGEND

- x Soil sample.
- o Silt sample.
- N/S No sample.
- —x— Grid line.
- ------ Traverse line.
- (H) Helipad.
- (T) Helicopter toe - in.
- —4500— 100' contour interval.

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA REX PEGG

0 100 200 300 400 500 m

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,217

CANADIAN CARIBOO RESOURCES LTD.

ISKUT - PALMIERE

SOIL AND SILT SAMPLE LOCATIONS & RESULTS
(ppm Ag and ppm As)

DATE: Jan. 1991	NTS: 104 B/10E and 15E
PROJECT: 284 C	PROJ. GEOL.:
SCALE: 1:5,000	
Keewatin Engineering Inc.	MAP No. 3

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90H-284C-R-001	5	2.6	78	13	90	1	1	1	100
90L-284C-R-001	8	2.0	146	16	67	1	1	3	135
90L-284C-R-002	3	.1	6	35	30	1	1	2	165
90L-284C-R-003	2	1.3	28	14	64	1	4	1	200
90L-284C-R-004	3	2.3	13	26	8	67	6	4	135
90T 284c R-001	2	.6	122	12	51	47	1	3	60
90T-284C-R-002	4	.7	23	39	42	18	1	1	150
90T-284C-R-003	2	.9	49	26	110	13	1	6	125