ASSESSMENT REPORT

ON SOIL AND ROCK GEOCHEMICAL SAMPLING, MAPPING AND RECONNAISSANCE I.P. AND GROUND MAGNETOMETER SURVEYS

OF THE AXE PROPERTY

Liard Mining Division, British Columbia
NTS 104G/9 and 16
Latitude: 57° 42' N
Longitude: 130° 12' W

on behalf of

ASCOT RESOURCES LTD.
Vancouver, B.C.

by

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March 13, 1991

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INTRODUCTION

The Axe claims are located in the Stikine region of northwestern British Columbia. They were originally staked to cover ground thought to have excellent potential for hosting porphyry copper-gold mineralization or precious metal rich shears which commonly occur peripheral to these deposits.

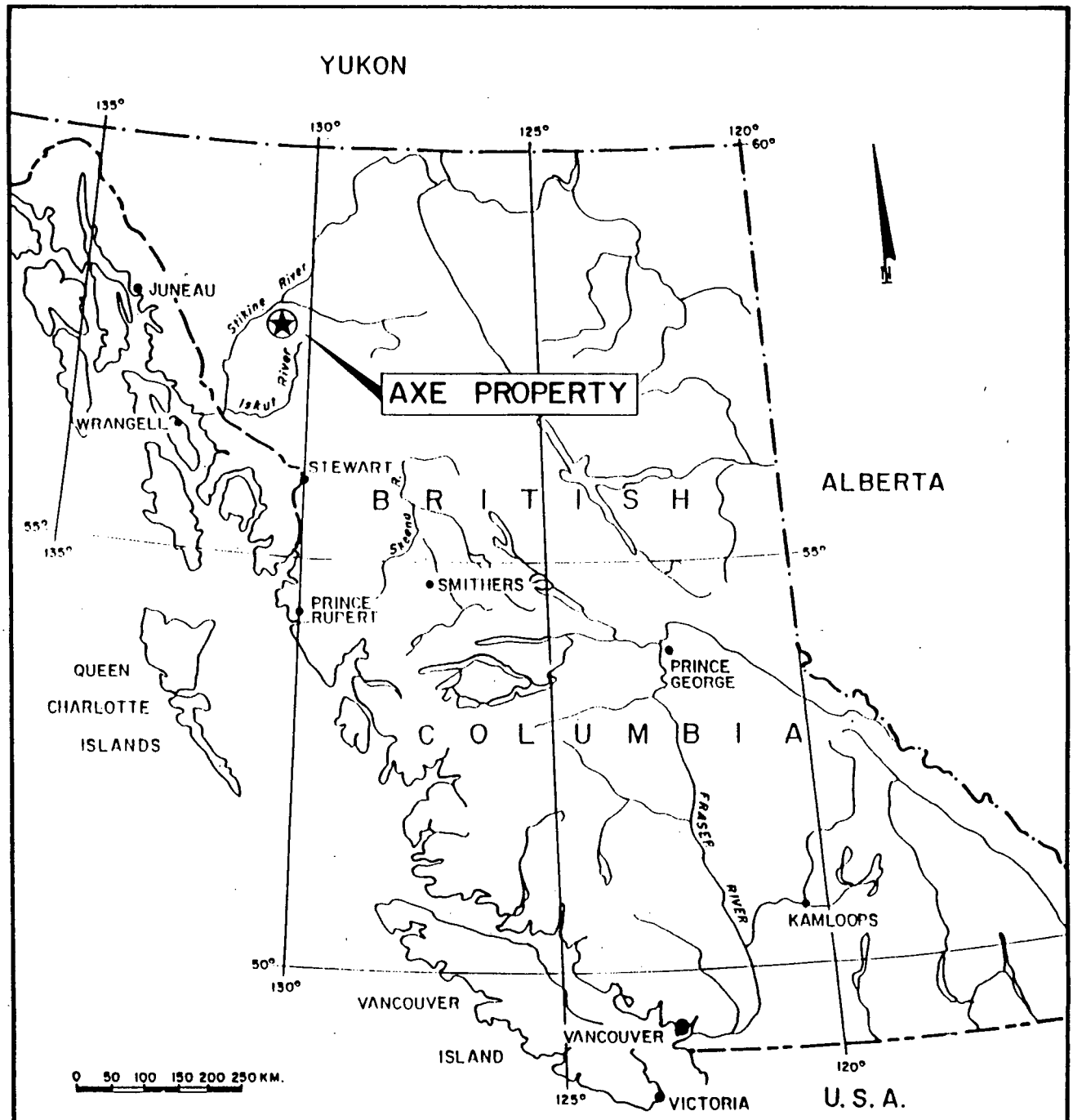
Initial exploration work carried out by Keewatin Engineering Inc. on behalf of Ascot Resources Ltd. in 1989 was limited to prospecting and stream silt and rock geochemical sampling. This work identified a number of highly anomalous drainages and rock geochemical targets on the property that will require detailed follow-up work. These include anomalous Cu-Au ± Ag values in silts and rocks in the Wolf Plateau - Trevor Peak areas, anomalous Cu-Au values in rocks from the Sun Plateau area (Tat claims), anomalous Au and Ag values in soils, silts and rocks in the Horn East area and scattered but anomalous Pb-Zn-Ag ± Cu values in rocks and silts in the northeast portion of the property.

In 1990, Keewatin Engineering Inc. was contracted by Ascot Resources Ltd. to follow-up on the targets identified from the 1989 field work and continue with evaluating the remainder of the property for porphyry copper-gold and precious metal shear/vein mineralization. The program included ground magnetic and Induced Polarization geophysical surveys, contour soil and rock geochemical sampling, prospecting, geological mapping and limited surveying for ground control on Trevor Peak. The field work was carried out with the aid of a Hughes 500 helicopter chartered from Vancouver Island Helicopters Ltd., from a base camp established on the Klastline Plateau 7 km southwest of Trevor Peak.

During the course of the 1990 exploration program the Kid mineral claim was staked and several of the Axe claims were abandoned and re-located.

Location and Access

The Axe property is located on the Klastline Plateau in the Stikine region of northwestern British Columbia, approximately 190 km north of Stewart, B.C. (Figure 1). The claims are centred 19.5 km southwest of Iskut Village and 9 km west of the southern end of Tatogga Lake at 57° 42' North latitude and 130° 12' West longitude on NTS map sheets 104G/9E and 9W and 16E and 16W (Figure 2).



PROPERTY LOCATION MAP

Figure 1

KEEWATIN ENGINEERING INC.

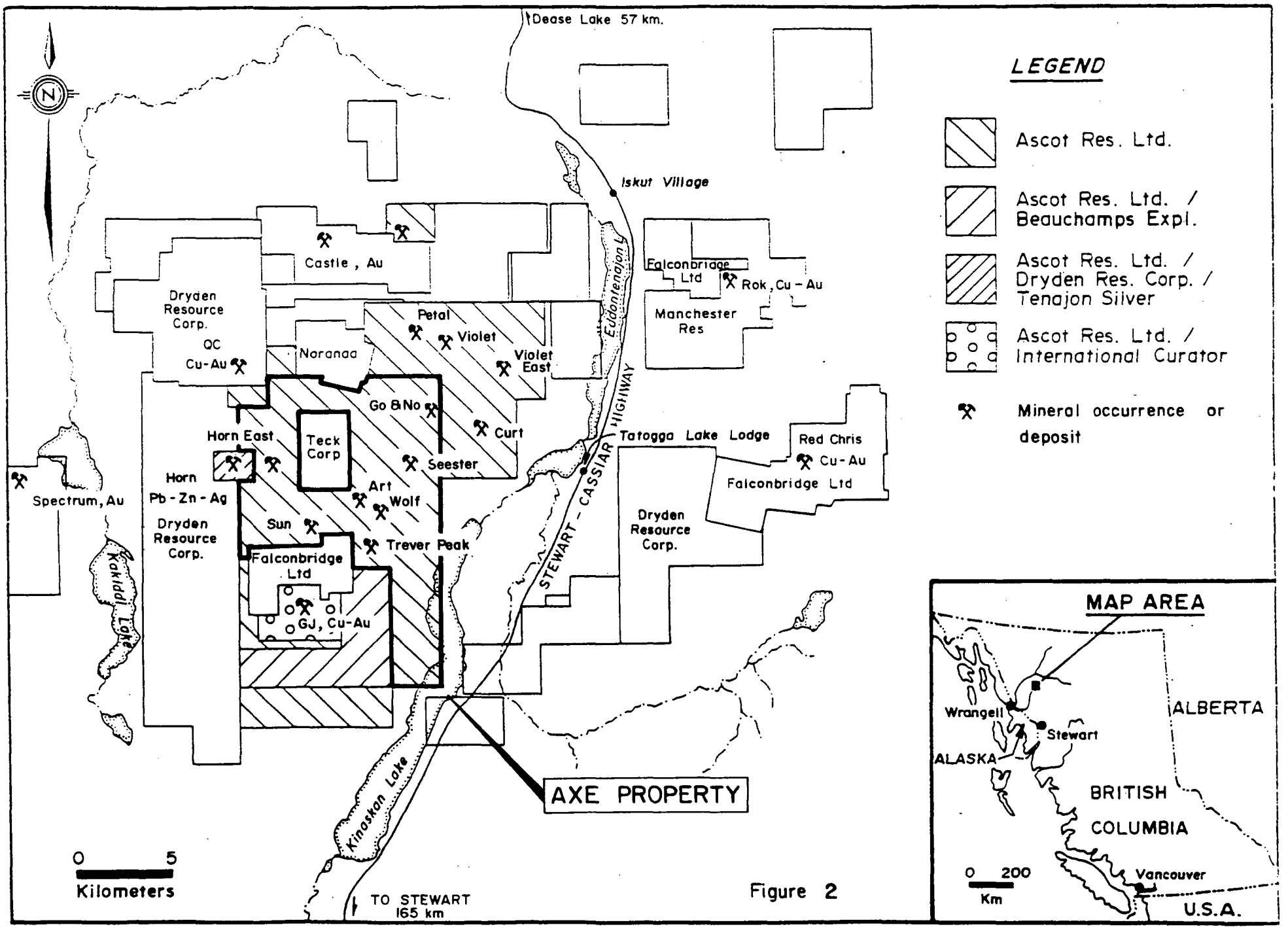

Dease Lake 57 km.
N
LEGEND
Ascot Res. Ltd.
Ascot Res. Ltd. / Beauchamps Expl.
Ascot Res. Ltd. / Dryden Res. Corp. / Tenajon Silver
Ascot Res. Ltd. / International Curator
Mineral occurrence or deposit
Iskut Village
Eddontenajon L.
Castle, Au
Falconbridge Ltd
Rok, Cu-Au
Manchester Res
Dryden Resource Corp.
QC
Cu-Au
Noranda
Petal
Violet
Violet East
Go & No
Curt
Seester
Horn East
Teck Corp
Horn
Pb-Zn-Ag
Art
Wolf
Sun
Trever Peak
Falconbridge Ltd
GJ, Cu-Au
Spectrum, Au
Kakiddi Lake
STEWART - CASSIAR HIGHWAY
Tatogga Lake Lodge
Red Chris
Cu-Au
Falconbridge Ltd
Dryden Resource Corp.
Kinaskan Lake
AXE PROPERTY
0 5
Kilometers
TO STEWART
165 km
MAP AREA
Wrangell
Stewart
ALASKA
ALBERTA
BRITISH COLUMBIA
0 200
Km
Vancouver
U.S.A.

Figure 2

Alternate access is via helicopter from Canadian Helicopter's base at Tatogga Lake Lodge, a resort located 14 km south of Iskut Village and 4 km east of the property. Both the lodge and Iskut Village are situated on the Stewart-Cassiar Highway. The proposed B.C. Rail extension to Dease Lake is about 23 km northeast of Tatogga Lake Lodge. Scheduled air service is available from Smithers to Iskut during the summer months.

Physiography and Climate

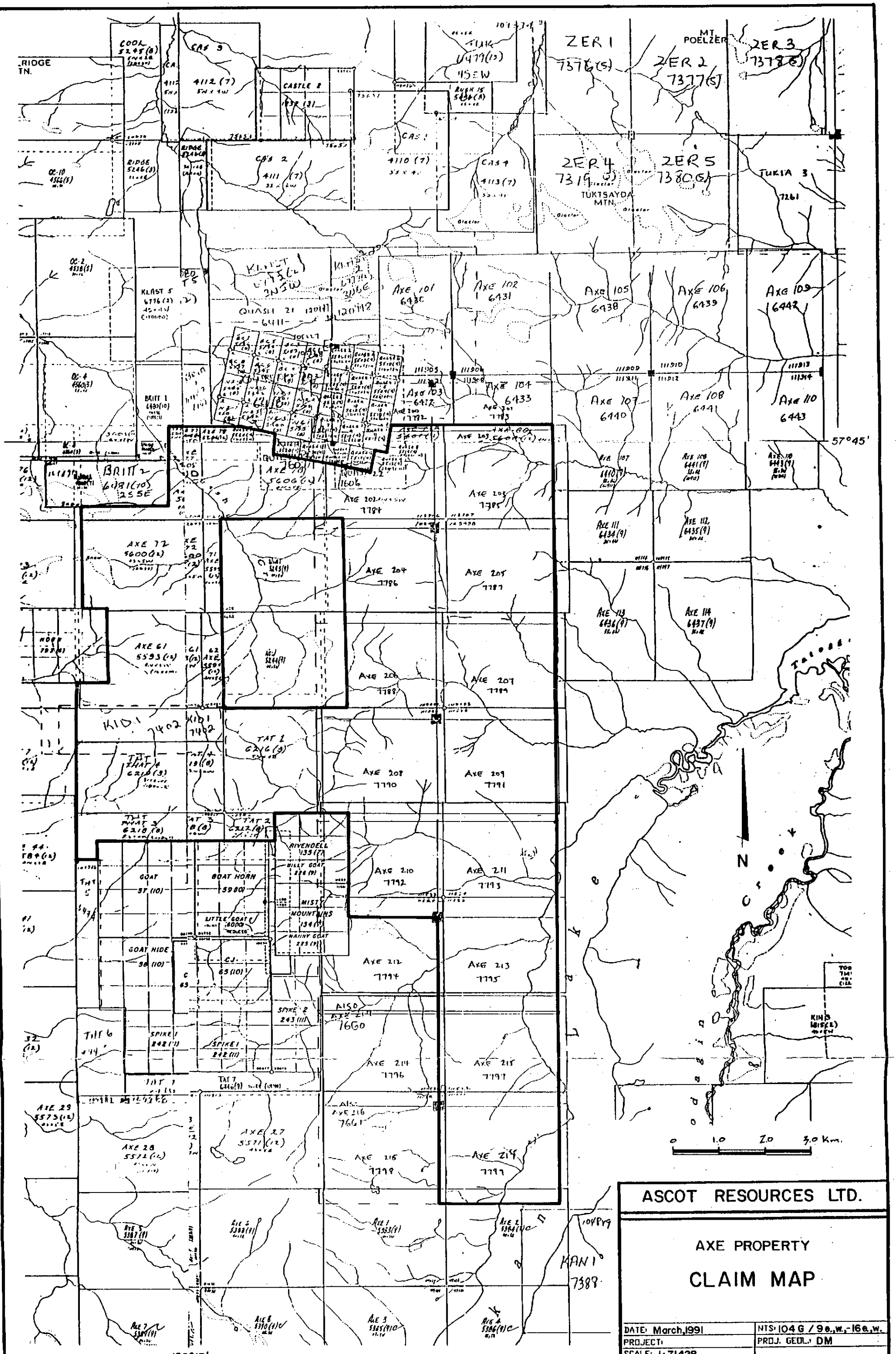
The Axe property is situated on top and along the eastern edge of the Klastline Plateau. Topography is characterized by gently rolling hills atop the Plateau and steep slopes along the eastern edge and in the deeply incised, east-west oriented valleys. Elevations vary from 2,700 feet (823 metres) above sea level on the eastern side of the property to 6,000 feet (2,103 metres) above sea level at the western edge of the property.

Vegetation varies from poplar, alder, spruce and fir at lower elevations to predominantly coniferous trees along the steep slopes at higher elevations. Sub-alpine scrub meanders through the property at about the 1,311 metre (4,300 foot) level with the tree line at about 1,372 metres (4,500 feet) above sea level. Alpine grasses and flowers are common on the Plateau. Remnant glaciers occupy north facing cirques on the more northern Axe claims.

Precipitation is moderate, averaging 100 cm per year. Thick accumulations of snow are common during winter. Field work can commence at lower elevations in June while it is seldom possible to begin surface geological work before July and difficult to continue past September at the higher elevations.

Property and Ownership

The Axe property consists of 26 claims (464 units) and includes the Axe, Tat and Kid claims, all located in the Liard Mining Division (Figure 3). The claims include the following:



ASCOT RESOURCES LTD.

AXE PROPERTY

CLAIM MAP

DATE: March, 1991	NTS: 104 G / 9e., w., -16e., w.
PROJECT:	PROJ. GEOL.: DM
SCALE: 1:71428	
Keewatin Engineering Inc.	FIG. No. 3

Claim Name	Record No.	No. of Units	Date of Record	Expiry Date*
Axe 61	5593	20	December 19, 1988	December 19, 1993
Axe 62	5594	16	December 19, 1988	December 19, 1992
Axe 71	5599	20	December 19, 1988	December 19, 1993
Axe 72	5600	20	December 19, 1988	December 19, 1993
Axe 77	5605	20	December 19, 1988	August 19, 1992
Axe 78	5606	20	December 19, 1988	August 19, 1992
Axe 200	7782	10	August 27, 1990	August 27, 1994
Axe 201	7783	10	August 27, 1990	August 27, 1995
Axe 202	7784	20	August 27, 1990	August 27, 1994
Axe 203	7785	20	August 27, 1990	August 27, 1994
Axe 204	7786	20	August 27, 1990	August 27, 1994
Axe 205	7787	20	August 27, 1990	August 27, 1995
Axe 206	7788	20	August 27, 1990	August 27, 1994
Axe 207	7789	20	August 27, 1990	August 27, 1995
Axe 208	7790	20	August 27, 1990	August 27, 1997
Axe 209	7791	20	August 27, 1990	August 27, 1997
Axe 210	7792	20	August 27, 1990	August 26, 1996
Axe 211	7793	20	August 27, 1990	August 26, 1996
Axe 213	7795	20	August 27, 1990	August 27, 1995
Axe 215	7797	20	August 26, 1990	August 26, 1993
Axe 217	7799	20	August 26, 1990	August 26, 1993
Tat 1	6216	20	August 10, 1989	August 10, 1995
Tat 2	6217	4	August 10, 1989	August 14, 1994
Tat 3	6218	12	August 14, 1989	August 14, 1995
Tat 4	6219	18	August 14, 1989	August 14, 1992
Kid 1	7402	14	June 30, 1990	June 30, 1992

* Due Date after filing this report.

Note: Axe Claims 202 to 211, 213, 215 and 217 are relocations of original Axe claims 79, 80, 70, 69, 65, 64, 54, 53, 47, 48, 37, 36, and 25 respectively.

The claims are owned 100% by Ascot Resources Ltd. with offices at #800 - 900 West Hastings Street, Vancouver, B.C., V6C 1E5.

Previous Exploration

The Axe property is located in the Stikine River area of northwestern B.C., a region well known for its alkalic plutons and associated porphyry copper-gold mineralization.

The first recorded work on the property occurred in the early 1960's when the Wolf chalcopyrite-pyrite mineralization was discovered by Southwest Potash Corp. on Wolf Creek (Figure 2) and the Art copper showing situated 1.9 km northwest of the Wolf was discovered and drill tested by Nuspar Resources Ltd. According to the B.C. Minfile, drill samples are reported to average 0.475% Cu over an unknown length in two holes located 15.2 metres (50 feet) apart.

In 1964, Conwest Exploration Co. Ltd. carried out a regional evaluation of the Klastline Plateau. That program identified a number of porphyry copper-gold and precious metal vein/shear targets on the plateau of which the most significant were the GJ, Q.C. and the Horn (Figure 2).

The Klastline Plateau area remained relatively inactive until 1988 when the G.S.C. carried out a regional stream silt sampling program (National Geochemical Reconnaissance, 1988).

The Axe claims were staked in the fall of 1988 by Mr. Kevin Whelan and then sold to Ascot Resources Ltd. for cash and shares in 1989.

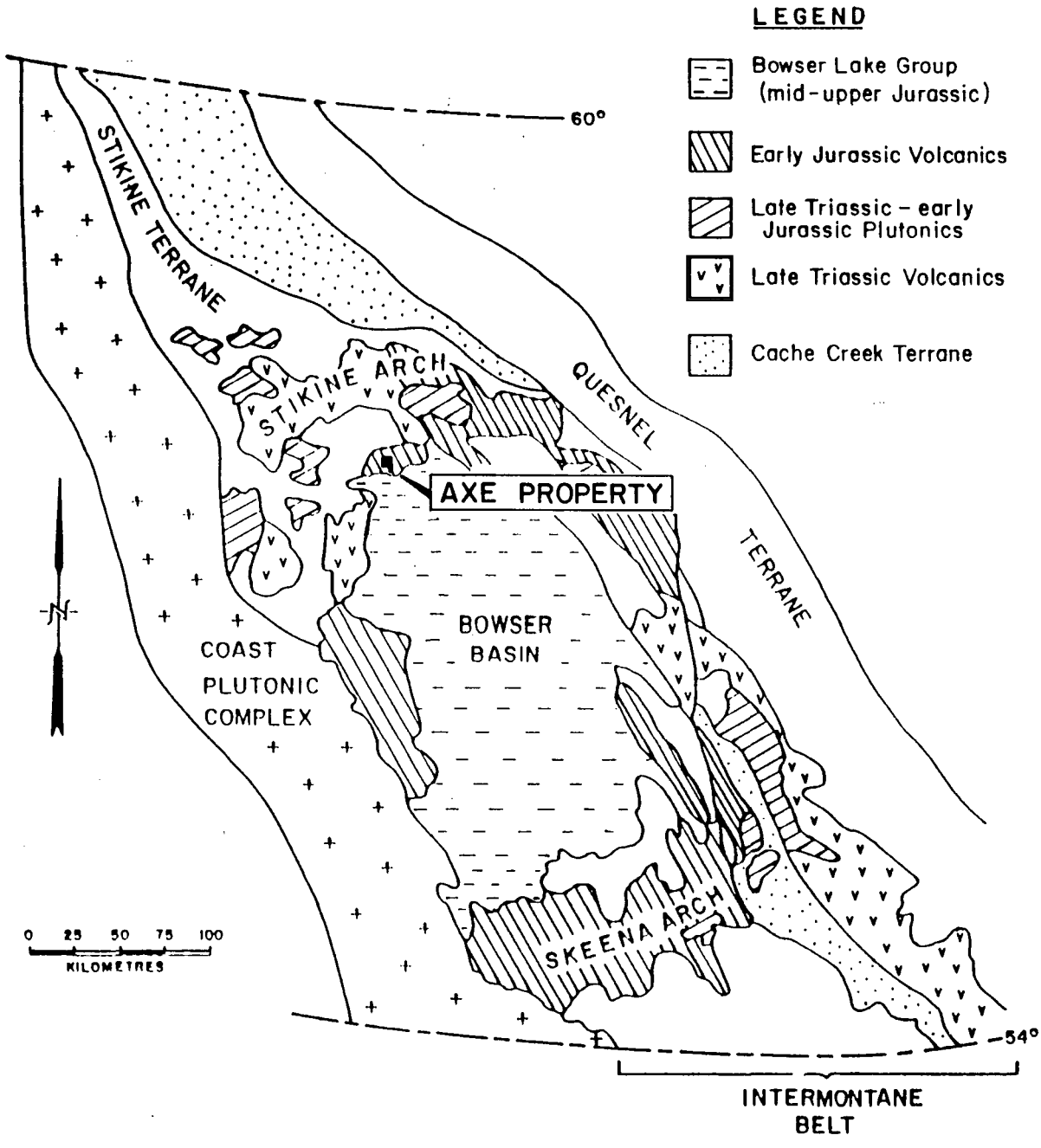
In the summer of 1989 Keewatin Engineering Inc. was contracted to carry out an exploration program over the entire property. This work which consisted of detailed stream silt sampling and limited prospecting was very successful in identifying a number of Cu-Au ± Ag, Au ± Ag and Cu-Pb-Zn-Ag target areas requiring detailed follow-up work.

GEOLOGY

Regional Geology

The property is located within the Intermontane Tectono-Stratigraphic Belt of the Canadian Cordillera (Figure 4). The claims lie within the northeastern half of the Stikine Arch to the north of Middle to Upper Jurassic sediments of the Bowser Lake Group.

The regional geological setting (Figure 5) as mapped by Souther (1971) of the G.S.C. comprises Upper Triassic Stuhini Group(?) siltstone, chert, greywacke, volcanic conglomerate and minor limestone overlain by augite porphyry basalt flows, pyroclastic rocks and derived volcaniclastic rocks. These in turn are overlain by Lower Jurassic volcanics that are correlative with the Hazelton Group. The volcanic stratigraphy includes augite-andesite flows, pillow lavas, pyroclastics and derived volcaniclastic rocks.

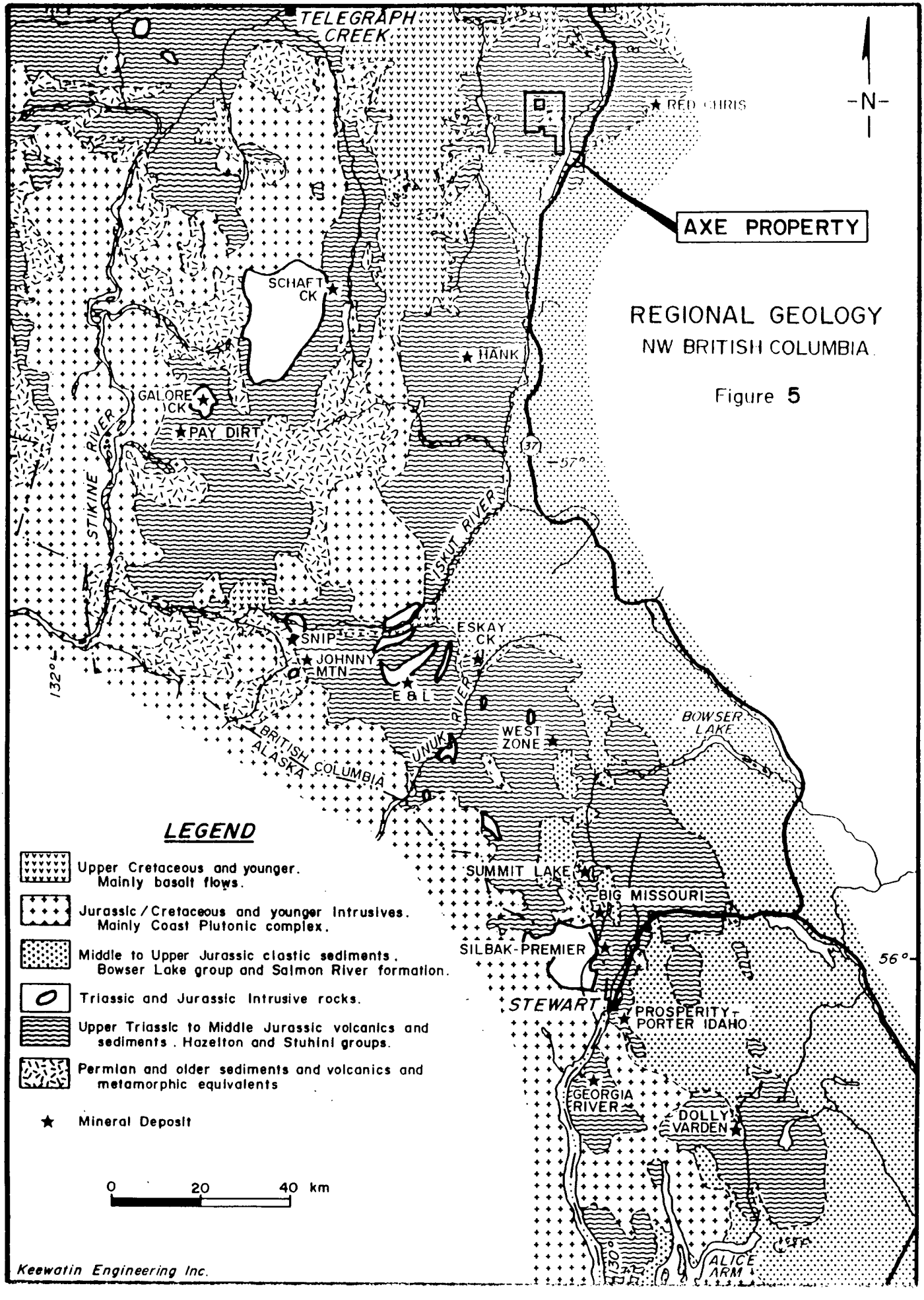


REGIONAL GEOLOGY
BOWSER BASIN
NW BRITISH COLUMBIA

(Outline of terrane boundaries and major rock groups of the Jurassic and Triassic – modified from Thomson, 1985).

Figure 4

KEEWATIN ENGINEERING INC.


TELEGRAPH CREEK
RED CHRIS
N
AXE PROPERTY
REGIONAL GEOLOGY
NW BRITISH COLUMBIA
Figure 5
SCHAFT CK
HANK
GALORE CK
PAY DIRT
STIKINE RIVER
37
57°
ISKUT RIVER
SNIP
JOHNNY MTN
ESKAY CK
E & L
WEST ZONE
BOWSER LAKE
UNUK RIVER
BRITISH COLUMBIA
ALASKA
132°
SUMMIT LAKE
BIG MISSOURI
SILBAK-PREMIER
56°
STEWART
PROSPERITY
PORTER IDAHO
GEORGIA RIVER
DOLLY VARDEN
130°
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.

Unconformably overlying the above units to the south are chert pebble conglomerate, grit, greywacke and siltstone of the Middle to Upper Jurassic Bowser Group.

Transecting the Upper Triassic to Middle Jurassic assemblage is Upper Cretaceous to Lower Tertiary massive and flow banded rhyolite, orbicular rhyolite and massive felsite. This unit commonly weathers rusty orange due to the oxidation of fine grained pyrite.

Capping stratigraphy at the higher elevations are Upper Tertiary basalt and olivine basalt flows, commonly exhibiting excellent columnar jointing.

Intrusive rocks in the region are typically fine to medium grained plutons that are coeval with the Triassic to Middle Jurassic volcanic assemblages. Compositions vary from diorite, granodiorite monzodiorite, monzonite and syenite. Many of the smaller alkalic plutons, dated at between 185 and 195 million years (Schmitt, 1977), are associated with porphyry Cu-Au or precious metal vein systems. The intrusives all fall within the Stikine Arch structural domain, a regional feature along which Early Jurassic intrusive and related (island arc type) volcanic activity took place. Alkaline porphyry copper-gold deposits including the Galore Creek, Schaft Creek and Red Chris deposits occur within this trend. Some of the more notable deposits or occurrences of this type that are situated in the general area (Figure 2) of the Axe property include:

A) The Red-Chris alkalic porphyry copper-gold deposit located 22 km east of the centre of the Axe property. Explored in the mid 1970's by Texasgulf Inc. (now Falconbridge Ltd.) the deposit has published reserves of 45.2 million tons grading 0.56% Cu and 0.010 oz/ton Au (Panteleyev, 1977).

B) The Q.C. porphyry copper-gold deposit located on Quash Creek, 1.5 km to the north of the property centre. Discovered by Conwest Exploration in the 1960's, the prospect has inferred geological reserves of 100 million tons grading 0.12% Cu (Webb, 1970).

C) The GJ porphyry Cu-Au prospect located 6 km southwest of the property centre.

D) The Rok porphyry Cu-Au prospect situated on the southeastern half of Ehahcezetle Mountain 22 km to the northeast. Discovered by Texasgulf Inc. in 1975, the property

was drilled in 1990 by Consolidated Carina Resources Ltd. in 1990 who intersected 27.87 metres grading 1.765% Cu and 0.066 oz/ton Au.

E) The Spectrum gold vein system located on the east slopes of Mt. Edziza, 12 km to the west. Recent drill intersections into this precious metal target by Columbia Gold Mines (Northern Miner, October 29, 1990) include 33 feet at 0.36 oz/ton Au, 8 feet at 0.60 oz/ton Au and 75 feet at 0.30 oz/ton Au.

F) The Castle gold prospect located 7.5 km northeast of the QC porphyry copper-gold deposit and 12.5 km north of the Axe property centre. Work to date by Teck Corp. and Triumph Resources Ltd. has identified a sulphide system 7 km long by up to 250 metres wide that contains visible gold and has yielded assays to 4.0 oz/ton Au from grabs and 0.93 oz/ton Au from one metre chips (Brock, 1990).

G) The Main, Top and Gordon's showings situated 4 km northwest of the Q.C. prospect. These vein/shear showings discovered by Teck Corp. in 1988 have yielded highly anomalous gold values including 1.062 oz/ton Au and 6.80 oz/ton Ag across 2.80 metres (Delaney, 1988).

H The Horn (SF) silver prospect located 5.0 km south of the Q.C. porphyry prospect. Discovered by Conwest Exploration in 1964, a vein system has returned values of 11.04 oz/ton Ag over an area of 45 metres x 4.2 metres (Phendler, 1980).

Property Geology

Geological mapping over the Axe property was carried out in 1989 and was limited to widespread traverses along ridge tops and down creek valleys. This has been plotted at 1:20,000 and filed in an earlier assessment report (Mehner, 1990).

During the 1990 field season geological mapping was carried out along widely spaced, contour soil sampling lines in the Seester North at 1:10,000, and in the Seester, Wolf Plateau and Sun Plateau areas at 1:5,000. More detailed, survey controlled geological mapping was carried out over Trevor Peak at 1:1,000. The survey control entailed taking a "sun shot" to establish true north at a base station located on the southern edge of Wolf Plateau and then surveying in up to 100 stations on the north and west slopes of Trevor Peak. These stations enabled geological mapping to be completed

over the steep slopes, and helped in producing accurate plans and sections of the area. The survey was also tied into the GJ property LCP.

Lithology

The northern two-thirds of the Axe claims are underlain by an alternating sequence of Upper Triassic andesitic volcanics, derived volcaniclastics and sediments (Figure 6). Rock types include argillite, siltstone, greywacke, polymictic conglomerate and limestone, including highly fossiliferous limestone. Andesitic flows, tuffs, tuff-breccias and agglomerates constitute the volcanic units.

The southern third of the property is underlain by Lower Jurassic augite porphyry basalt and andesite flows, pyroclastics and derived volcaniclastics interbedded with siltstone, argillite, greywacke and conglomerate. The volcanic units are typically green-grey to maroon in colour and often exhibit good pillow structures.

Intruding the Upper Triassic to Lower Jurassic stratigraphy are several irregularly shaped, hornblende diorite, granodiorite, monzodiorite and monzonite stocks that have been dated by Schmitt (1977) as Early Jurassic. By far the most significant of these intrusives is the 8.5 km long by 1.5 to 2.0 km wide stock that hosts mineralization at the GJ porphyry copper-gold prospect and is closely associated with mineralization in the Wolf Plateau - Trevor Peak areas (Figure 2). Composition varies from predominantly diorite to monzodiorite at the GJ prospect to granodiorite over much of the Wolf Plateau. Late phase latite and trachyte dykes cut the stock throughout. Grain size is fine to medium grained near GJ but becomes medium to coarse grained at the Wolf Plateau. Porphyritic phases are common in all compositions.

The northeast-southwest orientation of this stock along with smaller plugs and dykes found elsewhere on the property along this trend suggests that pre-intrusive regional scale faulting related to the development of the Stikine Arch, exerts a major control on the distribution of the intrusives.

In the southeastern corner of the property an elliptical plug of rusty weathering, felsite cuts the Upper Triassic stratigraphy. The plug varies from massive, cream coloured, aphanitic felsite to flow banded rhyolite with locally developed orbicular texture. Finely disseminated pyrite is common throughout. Souther (1971) has mapped this unit as an Upper Cretaceous to Lower Tertiary intrusive. P.B. Read (1990) has mapped similar rock types to the south in the Forrest Kerr area as Lower Jurassic subvolcanic intrusive and extrusive phases of a felsic volcanic event.

130° 15'

57° 45'

Pb-Zn

Pb-Zn-Ag

GO & NO SHOWING

EAST HORN

SEESTER

SUN

WOLF

TREVOR PEAK

AVON

N

LEGEND

UPPER CRETACEOUS TO LOWER TERTIARY

4 — Rhyolite, massive and flow banded, massive felsite

UPPER TRIASSIC TO LOWER JURASSIC

3 — Diorite to granodiorite

2 — Augite porphyry basalt and andesite flows, undivided pyroclastics, minor interbedded sediments.

2B — Andesite tuffs, tuff breccias, volcaniclastic equivalent, minor fossiliferous limestone.

1 — Argillite, siltstone, greywacke, conglomerate

1B — Well bedded argillite, chert, cherty siltstone, quartzite and dolomite

Pb-Zn ● Mineralized showing

0 1.0 2.0 Km.

ASCOT RESOURCES LTD.

AXE PROPERTY

GEOLOGY

DATE: March, 1991	NTS: 104 G / 9 e., w., - 16 e., w.
PROJECT:	PROJ. GEOL.: DM
SCALE: 1:50000	
Keewatin Engineering Inc.	FIG. No. 6

Alteration

Widespread propylitic alteration varies in intensity, over much of the property with the strongest development related to highly fractured areas adjacent to intrusive bodies. The propylitic alteration consists of chlorite replacement of mafics, sausseritization of feldspars and chlorite-epidote-calcite fracture fillings. Irregular, potassic alteration consisting of vein and fracture controlled K-feldspar with magnetite, minor biotite and quartz veining is common in many of the diorite to monzonite stocks and in adjacent country rocks, particularly in the GJ-Trevor Peak-Wolf Plateau areas. Erratic zones of K-feldspar flooding are often accompanied by clay replaced plagioclase feldspars. These more strongly altered areas often host significant quartz veining along with appreciable pyrite, magnetite and chalcopyrite mineralization.

Scattered throughout the property are extensive iron colour anomalies that are characteristically orange in colour. The colour anomalies are caused by limonite replacement of mafic minerals and oxidation of pyrite in dolomite veins or pyrite fracture fillings.

Structure

Bedding typically strikes east-west and dips at 45° to 55° north. Local deviations occur in the vicinity of the GJ-Wolf Plateau areas where uplift from the stock has tilted the beds producing southerly dips.

The distribution of lithologic units including the emplacement of the intrusive complex hosting the GJ and Wolf Plateau porphyry copper-gold targets appear to be controlled by major northeast-southwest trending faults. A gold soil anomaly at the Horn East target and Pb-Zn-Ag veining at the Horn silver prospect on the adjacent Tenajon Resources ground are also parallel to this orientation.

Northwest-southeast trending faults represents an event that may be related to the structurally controlled gold mineralization at Trevor Peak, the Petal-Violet shear, the Castle and Gordon's showing on properties to the north. The Upper Cretaceous/Jurassic(?) felsites are intruded along this orientation as well.

Mineralization

Several mineralized targets yielding significant Au, Cu-Au ± Ag and Pb-Zn values have been discovered on the Axe property as a result of follow-up exploration work on first pass targets identified by the 1989 reconnaissance program. These targets are shown on Figures 2, 6 and Figure 7. They include:

i) Wolf Plateau (Maps 1, 6, 7, 8, 18)

The most significant untested porphyry copper-gold target area is the Wolf Plateau, situated 4.5 km northeast of the GJ prospect. Underlying the main portion of the Plateau is a Lower Jurassic diorite to granodiorite stock flanked by propylitically altered siltstones, greywackes, cherts and andesite flows. Porphyry copper style mineralization consisting of chalcopyrite-pyrite bearing quartz veins and pyrite-chalcopyrite fracture fillings with significantly elevated gold values has been identified on the east and southeast flanks of the Plateau. Reconnaissance I.P. over this area has yielded weak to high chargeability values suggesting an anomaly measuring over 1,500 metres x 900 metres with the target open to the northeast and southwest. Contour soil sampling over the same area returned anomalous copper and gold values over an area of 1,500 metres by 1,400 metres. Values range to 2,845 ppm Cu and 680 ppb Au. Rock grab samples taken from chalcopyrite-pyrite bearing veins have returned highly anomalous copper-gold-silver values including:

Sample No.	Copper ppm	Gold ppb	Silver ppm
FR-21	29,828	2,200	60.4
FR-19	17,223	820	73.0
UR-30	24,901	800	130.4
FR-17	7,369	609	11.0

ii) Trevor Peak (Maps 1, 2, 3)

Peripheral to the Wolf Plateau porphyry style mineralization and 1.2 km to the southwest is Trevor Peak where high grade gold values were obtained from pyrite + chalcopyrite ± pyrrhotite ± arsenopyrite veins in steeply dipping, northwest striking gossanous structures. Initial prospecting has located mineralized veins and structures over an area of 500 metres by 400 metres, covering a vertical

130°15'

57°45'

Pb-Zn

SEESTER NORTH

Pb-Zn-Ag

Gossan showing

East Horn

Seester

SUN PLATEAU

WOLF PLATEAU

Wolf

SUN

Trevor Peak

Avon

23 24 25

1.0 0 2.0 Km.

N

ASCOT RESOURCES LTD.

AXE PROPERTY

FOLLOW-UP TARGET LOCATION MAP

DATE: March, 1991	NTS: 104 G / 9e., w., -16e., w.
PROJECT:	PROJ. GEOL.: DM
SCALE: 1:50000	
Keewatin Engineering Inc.	FIG. No. 7

Wolf Plateau - Trevor Peak Target

Seester Target

Seester North Target

Horn East Target

Sun Plateau (Tat-Kid) Target

Pb-Zn SHOWING

distance of 335 metres. The structures which vary in width from less than one metre to five metres are open to the northwest where they disappear under scree slopes at lower elevations. Individual sulphide veins/ lenses within the structures are typically less than 20 cm wide.

The rocks hosting the Trevor Peak structures consist of massive, propylitically altered Lower Jurassic greywackes and siltstones intruded by microdiorite dykes and irregular shaped plugs (Maps 2 and 3). The medium grained Early Jurassic (Schmitt, 1977) stock that hosts the GJ, porphyry copper-gold mineralization is located to the west of Trevor Peak.

The sulphide mineralization which carries the gold values is best developed near the microdiorite units. Where pyrrhotite is the dominant sulphide, the mineralization is usually in direct contact with the microdiorite and strongly resembles replacement skarn. Gangue minerals including calcite, quartz, epidote and chlorite constitute less than 5% of the mineralized veins.

"First pass", rock grab samples of sulphide bearing material yielded thirty-six samples with values in excess of 1,000 ppb Au, thirty-three of which also returned greater than 1,000 ppm Cu. Some of the better samples include:

Sample No.	Location (Showing)	Au oz/ton	Ag ppm	Cu ppm	As ppm
UR-32		1.715	5.4	1,506	118,350
OR-08		1.560	18.6	1,665	10
FR-05	Native	1.575	15.5	11,648	141
FR-09	Toon	1.400	9.2	4,751	197,970
UR-07	Flin	1.339	24.7	5,318	65,695
FR-14	Flin	1.272	17.8	8,670	64,118

Due to steep topography systematic follow-up chip sampling has been limited to accessible portions of the mineralized structures. Where sampled, significant values have been obtained and include: 0.496 oz/ton Au across 0.8 metres from a mineralized structure traceable over 180 metres at the Toon Showing, and; 0.671 oz/ton Au over 0.5 metres at the smaller Flin Showing, 60 metres to the northwest.

iii) West Wolf (Maps 1, 6, 7, 8, 18)

Immediately west of the Wolf Plateau porphyry copper-gold target and 1.3 km to the northwest of Trevor Peak is another zone of peripheral, gold rich veining. Preliminary prospecting has identified a broad zone measuring 800 metres by 300 metres within which pyrite-chalcopyrite ± arsenopyrite veins and fracture fillings occur in both intrusive and sedimentary rocks. Rock grab samples have yielded significant gold-silver and copper values (Map 18) including:

Sample No.	Au oz/ton	Ag ppm	Cu ppm	As ppm
OR-17	0.303	15.5	1,416	26
OR-12	0.257	177.4	1,726	579
UR-19	0.187	70.8	61,117	79
UR-16	0.069	37.1	35,135	118
UR-51	0.043	133.7	33,723	1,490

Contour soil sampling taken over the target area indicates a copper-gold soil anomaly measuring at least 300 metres by 500 metres with values to 9,921 ppb Au, 20.6 ppm Ag and 937 ppm Cu. The style of mineralization and particularly the presence of arsenopyrite in the veins is similar to that at Trevor Peak.

iv) Seester (Maps 4, 9, 10)

At the Seester Showing, 2 km to the northeast of the Wolf Plateau, high grade chalcopyrite mineralization within talus boulders that measure up to one metre across has been found. Hand trenching has so far failed to encounter outcrop, however rock grab samples taken from three separate sites over a distance of 175 metres have returned assays up to 0.061 oz/ton Au and 14.0% Cu.

Rock sampling of a gossan 1.4 km south of the Seester showing has returned values to 9,463 ppm Cu, 0.047 oz/ton Au, 2,969 ppm As and 4,830 ppb Hg.

v) Seester North (Maps 4b, 9b, 9c, 10b, 10c)

North of the Seester showing on Axe claims 200 to 203, a number of narrow (≤20 cm) but high grade galena-sphalerite or arsenopyrite-pyrite veins have been identified within a sequence of Upper Triassic argillite and siltstone with minor limestone and greywacke.

The most significant of these targets is the Go and No showing where rock grabs taken from a 1,000 metre by 300 metre area include the following anomalous results:

Sample No.	Au ppb	As ppm	Pb ppm	Zn ppm	Ag ppm
UR-37	30,300	188,900	243	228	17.1
FR-39	5,520	1,395	923	3,121	42.6
FR-44	30	1,002	3,589	252,625	48.4
UR-38	142	2,000	4,926	279,225	48.8
FR-42	376	26,783	4,098	17,921	37.9
DPR-23	1,400	5,430	318	8,017	10.0

Approximately 2.7 km west of the Go and No showing another zone of highly anomalous Pb-Zn-Ag and As values with weak Au results has been identified. Rock grabs taken along a 500 metre long traverse in this area include the following anomalous results:

Sample No.	Au ppb	As ppm	Pb ppm	Zn ppm	Ag ppm
ADR-11	1,400	111,111	1,866	12,917	64.3
OR-43	718	2,662	3,718	3,339	35.7
OR-41	50	1,139	1,358	79,331	56.2

vi) Sun Plateau (Tat-Kid Claims) (Maps 5, 11, 12, 13)

A small scale prospecting and rock sampling program in this area in 1989 returned a number of anomalous results including:

Sample No.	Cu ppm	Au ppb	Ag ppm
AA-33	890	19,220	8.40
DA-16	1,410	260	0.41
AM-41	5,100	4	15.6
AM-43	7,700	2	15.5

Follow-up prospecting in the extreme northern part of the target area in 1990 yielded one rock grab taken near 1989 sample AA-33 that returned 0.714 oz/ton Au (sample 90-U-152R-055) from a narrow pyrite vein.

Contour soil sampling, prospecting, reconnaissance I.P. and ground magnetometer surveys over the remainder of the area failed to provide additional targets for further follow-up work.

vii) Horn East (Maps 14, 15, 16, 17)

In the northwest portion of the property, prospecting and soil sampling have identified the Horn East gold target. Here, quartz-calcite veins containing minor (<5%) pyrite are associated with andesite dykes cutting Upper Triassic argillites. Grid soil sampling has outlined a northeast-southwest striking gold anomaly at least 1,200 metres long by 240 metres wide with values up to 1,050 ppb Au.

Rock grab samples taken by Tenajon Silver Corp. in 1982 from within the southwest part of the anomaly have returned assays to 0.75 oz/ton Au. Rock grabs taken for Ascot Resources Ltd. in 1990 from within the anomaly have yielded results to 0.130 oz/ton gold. Two rock grabs taken about one kilometre south of the anomaly on the north end of the Sun Plateau have returned 0.714 and 0.561 oz/ton gold (samples 90-U-152R-055 and 89-AAR-33 respectively).

Detailed stream silt sampling of the area in 1989 returned highly anomalous results from samples taken within and immediately east of the soil anomaly (Mehner, 1990). The better results include:

Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
AC-06	454	0.38	79	7	113
AA-53	368	0.10	87	19	124
AA-50	164	0.13	74	33	270
AA-52	124	0.08	72	12	174

GEOCHEMISTRY

Sampling

During the 1990 field season 8 stream silts, 912 soils and 245 rock samples were collected from the property. The samples were taken from follow-up target areas covered by the Wolf Plateau, Trevor Peak, Seester, Seester North, Tat-Kid and Horn East maps. A breakdown of samples collected from each area is as follows:

Area	Stream Silts	Soil Samples	Rock Samples
Wolf Plateau	0	246	76
Trevor Peak	0	138	106
Seester	1	240	23
Seester North	5	0	33
Tat-Kid (Sun Plateau)	2	147	0
Horn East	0	141	7
Total	**8**	**912**	**245**

Stream silts were taken from active stream beds whenever possible. Soils were taken at 50 metre intervals along flagged contour lines throughout the property and on grid lines at the Horn East grid. The samples were taken with a mattock from the "B" soil horizon wherever present and stored

in kraft sample bags. Rock samples include grabs and chips from prospective looking float and bedrock within the claims.

All sample sites were marked with red and blue flagging and tyvek tags. Rock chips collected from Trevor Peak were marked with fluorescent red spray paint.

Analysis

All samples were sent to Min-En Laboratories Ltd. in Smithers, B.C. where they were processed and analyzed for gold. Pulps were forwarded to Min-En Laboratories in Vancouver, B.C. for Cu, Pb, Zn, Ag, As, Sb and Mo ICP plus Hg analysis. Any rock samples yielding ≥1,000 ppb Au were re-analyzed for gold using the one ton, fire assay procedure.

Analytical procedures used by Min-En are outlined in Appendix III.

Results

Stream silt geochemistry results are given in Appendix IV and sample descriptions are in Appendix V. Soil geochemistry results are in Appendix VI and sample descriptions are in Appendix VII. Rock geochemistry results are in Appendix VIII and sample descriptions are in Appendix IX.

Geochemistry results by target area are as follows:

i) Wolf Plateau

Soil and silt geochemistry results are plotted on Maps 6 to 8. Rock geochemistry results are shown on Map 18.

Contour soil sampling carried out between the 1,067 metre (3,500 foot) and 1,676 metre (5,500 foot) elevation contours has located a significant copper anomaly (≥200 ppm) with elevated gold values on the south and southeast facing slopes of the Plateau. The anomaly measures approximately 1,400 metres by 1,500 metres and is open to the northeast and east. Values within the anomaly range to 2,845 ppm Cu and 680 ppb Au. Silver values range to 4.6 ppm but results are more typically 0.70 to 1.90 ppm. Erratic, elevated arsenic values to 410 ppm have also been obtained from samples taken

along the 1,097 metre (3,600 foot) contour on the south side of the Plateau. Lead, zinc, mercury, molybdenum and antimony results are low throughout the area.

Rock grab samples taken of pyrite-chalcopyrite veined material from within the Wolf Plateau soil anomaly have returned numerous, highly anomalous copper, gold, silver and arsenic values. The most significant of these results come from samples taken over a 1,000 metre length along a southeast flowing drainage between the 1,128 metre (3,700 foot) and 1,403 metre (4,600 foot) elevation contours. Results within this area range up to 29,828 ppm Cu, 2,200 ppb Au, 130.4 ppm Ag and 923 ppm As. Lead, zinc, antimony, mercury and molybdenum results are low.

ii) West Wolf:

Contour soil sampling in the southwest corner of the Wolf Plateau between the 1,585 metre (5,200 foot) and 1,646 metre (5,400 foot) contours has identified an irregular shaped copper soil anomaly coincident with erratic but elevated gold, silver, arsenic and lead values. The anomaly, which covers an area at least 300 metres by 500 metres has yielded results as high as 937 ppm Cu, 9,921 ppb Au, 20.6 ppm Ag, 1,797 ppm As and 3,920 ppm Pb.

Rock grab samples of pyrite-chalcopyrite veins material taken over the same area have returned results as high as 61,117 ppm Cu, 0.303 oz/ton Au, 264.7 ppm Ag, 6,140 ppm As and 15,026 ppm Pb.

iii) Trevor Peak

Soil and silt geochemistry results are plotted on Map 6 to 8. Initial rock grabs are plotted on Maps 2 and 18. Detailed follow-up sampling is shown on Map 2 and gold check assays are shown in a table on Map 2.

Contour soil sampling down slope to the north and east of the known mineralized structures has yielded anomalous gold and copper values to 451 ppb Au and 497 ppm Cu and weakly elevated arsenic values to 134 ppm. Lead, zinc, silver, mercury, antimony and molybdenum results are low.

Rock grab samples taken of sulphide rich material over the north and south slopes of Trevor Peak have returned extremely encouraging results including values to 1.715 oz/ton Au, 42,916 ppm Cu and 177.4 ppm Ag. Most of the high gold values come from arsenopyrite rich veins and typically

samples with ≥0.300 oz/ton Au have ≥10,000 ppm As. Notable exceptions include samples FR-5 and FR-7 where gold values of 1.575 oz/ton and 0.368 oz/ton have arsenic values of 141 and 468 ppm respectively.

Check gold assays carried out on reject material of both high and low grade samples have confirmed the original assays. These results are given in Appendix VIII.

Systematic, follow-up detailed chip sampling of the mineralized structures from which the initial high grade grab samples were taken has been initiated but, has not yet been fully completed. However, where sampled significant values have been obtained and inlcude: 0.496 oz/ton Au across 0.8 metres from a mineralized structure traceable over 180 metres at the Toon Showing, and 0.671 oz/ton Au over 0.5 metres at the smaller Flin Showing, 60 metres to the northwest.

iv) Seester Showing

Rock, silt and soil geochemistry results are plotted on Maps 4, 9 and 10.

Contour soil sampling carried out between the 1,615 metres (5,300 foot) and 1,829 metre (6,000 foot) elevation contours yielded seven, scattered, one sample anomalies with copper values between 250 ppm and 560 ppm. Results for all other elements are low.

Rock grabs of chalcopyrite-pyrite rich boulders up to 1 metre across at the Seester showing have returned the following results:

Sample No.	Cu ppm	Au ppb	Ag ppm
OR-37	140,680	408	28.4
UR-60	10,033	552	7.4
AAR-3	49,109	1,985	21.7
AAR-4	36,385	1,600	16.9

Grabs from talus boulders of white dolomite with chalcopyrite rich veins, downhill and 62 metres east of the Seester returned values to 9,555 ppm Cu, 37 ppb Au and 8.0 ppm Ag.

Other significant rock geochemistry results obtained from the Seester area include:

Sample No.	Cu ppm	Au ppb	Ag ppm
UR-41	140,190	175	15.1
DPR-21	1,379	1,140	11.5
UR-39	9,463	43	25.5

A single silt sample, VL-060 returned low results for all elements.

v) Seester North

Rock and silt geochemistry results are plotted on Maps 9b, 9c, 10b and 10c.

Stream silt sampling returned low results for all samples collected. A summary of results is as follows:

Copper (Map 9b) Range:	84 - 121 ppm
Gold (Map 9b) Range:	1 - 18 ppb
Silver (Map 9b) Range:	0.8 - 2.1 ppm
Lead (Map 9c) Range:	7 - 48 ppm
Zinc (Map 9c) Range:	79 - 203 ppm
Molybdenum (Map 9c) Range:	1 ppm
Arsenic (Map 10b) Range:	1 ppm
Mercury (Map 10b) Range:	130 - 210 ppb
Antimony (Map 10b) Range:	1 ppm

Rock grab samples taken in the same area have yielded highly anomalous lead, zinc, silver and arsenic values from three separate widely spaced zones (1-2 km) including the Go and No showing. In addition, at the Go and No showing, gold values up to 0.916 oz/ton have been obtained. Geochemistry results within this area also include values to 35,857 ppm Pb, 279,225 ppm Zn, 137.2 ppm Ag and 188,900 ppm As.

vi) Sun Plateau (Tat & Kid Claims)

Soil, silt and rock geochemistry results are plotted on Maps 5, 11, 12 and 13.

Contour soil sampling yielded low values for all elements analyzed. Of the samples taken only 15 had values ≥100 ppm Cu and none had values ≥200 ppm. One sample in the southeast corner of the area sampled returned an anomalous gold value of 297 ppb. There were no other samples with ≥50 ppb Au.

Rock sampling returned a highly anomalous gold value of 0.714 oz/ton from a pyrite vein in the north part of the property. Other elements were low.

Silt sampling yielded low values from the two samples taken.

vii) Horn East Grid

Silt, soil and rock geochemistry results are plotted on Maps 14, 15, 16, and 17.

Grid soil sampling yielded anomalous gold values to 1,050 ppb. When the results of the 1990 survey are combined with values obtained by Tenajon Silver Corp. in 1982, a northeast-southwest striking anomaly 1,200 metres by 240 metres is indicated. Within the gold soil anomaly other weakly anomalous results include arsenic to 81 ppm, mercury to 325 ppb, zinc to 501 ppm and copper to 180 ppm.

Rock samples taken west of the 1990 soil grid but within the projected gold soil anomaly include:

Sample No.	Au oz/ton	Ag ppm	Hg ppb	As ppm
BR-11	0.130	6.0	225	264
BR-8	0.061	3.4	45	166

GEOPHYSICS

Reconnaissance style induced polarization and ground magnetometer surveys were carried out by Scott Geophysics over the Wolf Plateau (7.65 km) and Sun Plateau (13.7 km) (Tat-Kid claims) areas and along a single survey line established on the south side of Trevor Peak (1.2 km). The surveys were conducted using a pole-dipole electrode array with "a" spacings of 25 and 75 metres and "n" separations of 1 and 2. Coverage was on flagged grid lines established concurrently with the I.P. survey.

The ground magnetometer surveys measured total magnetic field with readings taken at 25 metre intervals.

Results

A) Wolf Plateau

Due to steep, inaccessible terrain along the southeast portion of the Plateau, geophysical work in the Wolf Plateau area was divided into two small grids: the Wolf Plateau grid covering the Plateau itself and the Wolf East Grid covering the east side of the Plateau below the 1,036 metre (3,400 feet) level.

i) I.P. Survey: Weak chargeability responses were detected near the north end of all the Plateau Grid survey lines and at the south end of lines 1200E and 1600E. Moderate to strong chargeability highs were detected at the north end of all three lines established on the Wolf East Grid. This anomaly is open to the north and southwest.

ii) Ground Magnetics Survey: On the Wolf Grid a magnetic high covers the southern two thirds of the survey grid lines. The high has an apparent northeast-southwest trend that may reflect the contact between andesite and diorite rocks to the south and sediments to the north. On the Wolf East Grid, a northeast-southwest trending magnetic high is situated about 400 metres south of the chargeability highs. The magnetic data suggests the chargeability highs on the Wolf East Grid are underlain by sediments as well.

B) Trevor Peak

i) I.P. Survey: Poorly defined, weak chargeability highs were detected on the Trevor Peak survey.

ii) Ground Magnetics Survey: A single station, magnetic high was detected on the survey line completed.

The location of the Wolf Plateau Grid, Wolf East Grid and Trevor Peak survey lines along with the position of the chargeability anomalies is shown on Map 1. A contour plan of chargeability results and resistivity results for the Wolf Plateau Grid is shown on Maps 19 and 20 respectively. Contoured chargeability and resistivity results for the Wolf East Grid and Trevor Peak survey line are on Maps 21 and 22. Ground magnetometer results for the Wolf Plateau grid are plotted on Map 23 while results for the Wolf East Grid and Trevor Peak area are shown on Map 24. Chargeability and resistivity pseudosections are portrayed on Map 25 for the Wolf Plateau Grid and on Map 26 for the Wolf East Grid and Trevor Peak line. A copy of the Geophysical Report provided by Scott Geophysics is included in Appendix X.

C) Sun Plateau Tat-Kid Claims

i) I.P. Survey: Weak chargeability responses were detected at the south end of lines 1200E and 1600E. Weak, poorly defined chargeability highs were also detected on line 1200E at 1675S to 1900S, lines 1200E (775S-1000S) to 1600E (475S-700S) to 2000E (400S-450S) and on line 800E at 1450S to 1600S.

The chargeability responses obtained at the end of lines 1200E and 1600E could reflect a large scale target such as a porphyry copper system. This weak high is open to the east, west and south and is increasing in amplitude to the south. The other, weak chargeability responses referred to above may reflect small scale features.

ii) Ground Magnetics Survey: The ground magnetic data resembles a "shotgun" pattern consisting of several, single station highs and lows that are believed to be due to boulders containing magnetite, rather than reflecting the magnetic signature of underlying bedrock. Although the wide line spacing and erratic values make correlation questionable, two well defined highs are interpreted from profiles on lines 200E to 1200E.

The location of the grid lines covered by the Sun Plateau survey along with the position of the chargeability anomalies is plotted on Map 5. A contour plan of chargeability results is shown on Map 27 and contoured resistivity results are plotted on Map 28. Ground magnetometer results are plotted in plan view on Map 29. Chargeability and resistivity pseudosections are portrayed on Maps 30 a and b. Magnetometer results plotted in profile form are on Map 31. A copy of the Geophysical Report provided by Scott Geophysics is included as Appendix XI.

CONCLUSIONS

Detailed stream silt sampling followed by prospecting, soil geochemical surveys and reconnaissance IP has been successful in locating a number of Cu-Au, Au and Pb-Zn targets on the Axe property. The most significant of these are in the Wolf Plateau-Trevor Peak area where rock grab samples from high grade gold veins yield assays to 1.715 oz/ton. The high grade veins occur in zones south and west of the Wolf porphyry copper-gold target. A significant gold soil anomaly has also been traced for over 1,200 metres at the Horn East target.

Although the gold targets identified to date are still at an early stage, the high copper, gold values and size of each target indicates that the property has potential for hosting an economic gold deposit. Similarly the significant Cu and Au values obtained in silts, soils and rocks in the Wolf Plateau demonstrates excellent potential for hosting significant porphyry Cu-Au reserves.

In order to better define the extent and grade of mineralization at each of the targets, systematic, detailed follow-up including further soil and rock sampling, geologic mapping, trenching and diamond drill testing is warranted.

RECOMMENDATIONS

Systematic geological mapping, prospecting and rock and soil geochemical sampling is recommended to define the extent of porphyry copper-gold and high grade gold vein mineralization on the Wolf Plateau. A similar program is recommended for the Seester and Horn East areas to define the extent of gold and copper mineralization in these areas.

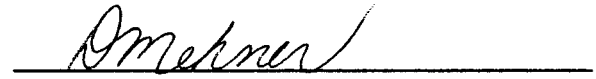
High grade zones identified at any of the above targets should be tested by trenching and if results are favourable followed up with diamond drilling.

At the Trevor Peak gold target a program including further contour soil sampling at the lower elevations followed by additional prospecting, rock sampling and trenching over the entire target area is recommended. Upon completion of the above program, a minimum of six diamond drill holes is recommended to test the continuity of gold bearing structures outlined on Trevor Peak.

Lead-zinc-silver mineralization in the Seester North area shoulid be followed up with further prospecting and contour soil sampling.

Respectfully submitted,

KEEWATIN ENGINEERING INC.



David T. Mehner, M.Sc., FGAC

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APPENDIX I

Statement of Expenditures

STATEMENT OF EXPENDITURES

Salaries			
R. Nichols	5.00 days @ $425/day	$2,125.00	
D. DuPre	0.75 days @ $425/day	318.75	
D. Mehner	22.50 days @ $375/day	8,437.50	
E. Olfert	15.00 days @ $375/day	5,625.00	
M. Bobyn	31.50 days @ $325/day	10,237.50	
J. Miller	18.50 days @ $275/day	5,087.50	
F. Ferguson	4.00 days @ $325/day	1,300.00	
B. Ryziuk	9.50 days @ $275/day	2,612.50	
M. Skeoch	27.00 days @ $240/day	6,480.00	
A. Dupras	10.00 days @ $325/day	3,250.00	
B. McIntyre	1.00 days @ $300/day	300.00	
C. Anderson	1.00 days @ $225/day	225.00	
G. Nagy	17.00 days @ $250/day	4,250.00	
C. Kauss	11.00 days @ $225/day	2,475.00	
C. Whalley	4.00 days @ $230/day	920.00	
T. Shepard	12.50 days @ $175/day	2,187.50	
K. Louis	2.50 days @ $175/day	437.50	
J. Tashoots	8.00 days @ $175/day	1,400.00	
N. Carlick	6.50 days @ $175/day	1,137.50	
V. Jordan	18.00 days @ $250/day	4,500.00	
C. Broadhagen	1.00 days @ $250/day	250.00	
			$63,556.25
Accommodation and Food (includes Keewatin personnel, Scott Geophysics crew plus pilot)	244 man days @ $ 60/day		14,640.00*
Equipment Use	204 man days @ $ 15/day		3,060.00
Transportation			
Helicopter - Hughes 500	62.70 hrs @ $ 670/hr.	$42,009.00	
Helicopter - Bell 205	3.90 hrs @ $1800/hr.	7,020.00	
Motobike (camp support)	30.00 days @ $ 35/day	1,050.00	
Truck + fuel	20.00 days @ $ 35/day	915.48	
			50,994.48*
Geophysics (contracted I.P. and Ground Magnetic Survey)			17,571.34*
Geochemistry			
Soils (includes sample preparation, Au fire geochem, Hg analyis and 7 element ICP)	912 samples @ $11.00 ea.	$10,032.00	
Silts (includes sample preparation and analysis as for silts)	8 samples @ $11.00 ea.	88.00	
Rocks (includes sample preparation and analysis as for soils)	245 samples @ $13.75 ea.	3,368.75	
Gold Fire Assay (1 Ton) (includes resamples @ silver assays)	105 samples @ $ 9.75 ea.	1,023.75	
			14,512.50*
Camp Construction and Maintenance (includes radio rental, heating fuel, propane, wood, plumbing, electrical, telephone, fax, copier, etc.)			8,417.10*

Field Supplies (consumables including flagging, sample bags, topothread, pickets, paint and survey equipment rental)			1,865.58*
Expediting (contract charges)			1,775.22*
Travel (staff to and from Vancouver)			3,463.69*
Freight (samples and equipment)			1,247.26*
Office			
Administration		$ 800.00	
Pre-Field (map preparation, base map construction, tenure work, permit applications, air photos, etc.		4,536.89*	
Post-Field (report preparation)			
D. Mehner	5.00 days @ $375/day	1,875.00	
Drafting, typing, blueprints, photocopies, etc.		6,483.50*	
			13,695.39
Sub-Total:			**194,798.81**
3rd Party Invoices - 10% charged by Keewatin Engineering Inc. (denoted by *)			11,086.76
TOTAL EXPENDITURES:			**$205,885.57**

APPENDIX II

Summary of Personnel

SUMMARY OF PERSONNEL

Name	Position	Sampler Code	Dates Worked
R. Nichols	Project Supervisor		July 3 days; Nov. 1 day.
D. DuPre	Project Supervisor		May 0.75 days.
D. Mehner	Senior Geologist	"AA"	Apr. 2 days, May 5 days, July 31 (½ day); Aug. 1 (½ day), 2 (½ day), 7 (½ day); Sept. 2, 22 plus ½ days on 6, 10, 18, 27 & 28; Oct. 24 (½ day); Nov. 9 (½ day), 19, 21, 26 (½ day), 27, 18; Dec. 12, 13, 14 (½ day), 17 (½ day), 21 (½ day); Jan. 18 (½ day), 21, 23, 28, 29 (3/4 day), 30 (½ day).
E. Olfert	Senior Geologist	"OO"	Sept. 3-17.
M. Bobyn	Project Geologist	"F"	June 21, 22; July 1, 3-5, 7-10, 13, 14, 16, 17, 19, 20, 22, 26-28, 31 (½ day); Aug. 1, 2 (½ day), 3 (½ day), 20, 26, 29, 31; Sept. 2, 3, 4 (½ day), 5, 10 (½ day); Oct. 1.
J. Miller	Geologist	"O"	June 23; July 1, 3-8, 24-29, 31; Aug. 1 (½ day), 2 (½ day), 3, 4; Oct. 4 (½ day).
F. Ferguson	Surveyor		June 20; July 25, 26, 28.
B. Ryziuk	Geological Technician	"BR"	Sept. 12, 19, 21, 22 (½ day), 27-29; Oct. 7, 16, 19.
M. Skeoch	Prospector	"U"	June 30; July 1-10, 13, 22, 24-28; Aug. 20; Sept. 8, 10, 18 (½ day), 19-22, 23 (½ day), 27.
A. Dupras	Prospector	"AD"	July 25, 27-31; Aug. 29-31; Sept. 8.
D. Perrett	Prospector	"DP"	Sept. 8, 10.
B. McIntyre	Prospector	"X"	June 24.
C. Anderson	Labourer		June 25.

Name	Position	Sampler Code	Dates Worked
G. Nagy	Sampler	"NN"	June 23, 24; July 5-9, 10 (½ day), 13, 14; Aug. 2 (½ day), 3, 4, 9 (½ day), 12 (½ day); Sept. 8-11.
C. Kauss	Sampler	"Y"	June 20; July 1, 3, 4, 30, 31 (½ day), 29-31.
C. Whalley	Sampler		July 27-30.
T. Shepard	Sampler	"V"	June 20; July 13, 14, 19 (½ day), 24-26, 28-30, 31 (½ day); Aug. 8, 11, 24 (½ day).
K. Louis	Sampler	"CL"	Aug. 22, 31 (½ day); Sept. 11.
J. Tashoots	Sampler	"JT"	Aug. 1, 2, 12-15, 22; Sept. 5.
N. Carlick	Sampler		Aug. 8, 11-15, 16 (½ day).
A. Hark	Sampler	"AH"	Sept. 19-22, 28-30.
V. Jordan	Cook/First Aid		June 20; July 4-15; Aug. 1, 2; Sept. 18, 10, 24.
C. Broadhagen	Cook/First Aid		July 1.

APPENDIX III

Analytical Procedures Used by Min-En Laboratories

ANALYTICAL PROCEDURES USED BY MIN-EN LABORATORIES

Hg Analysis

Samples are processed by Min-En Laboratories at 705 West 15th Street, North Vancouver, B.C., employing the following procedures.

After drying the samples @ 30°C, soil, and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by a jaw crusher and pulverized by ring pulverizer.

A 0.50 gram subsample is digested for two hours in an aqua regia mixture. After cooling samples are diluted to standard volume.

Mercury is analyzed by combining with a reducing solution and introducing it into a flameless atomic absorption spectrometer. A three point calibration is used and suitable dilutions made if necessary.

ICP Analysis for Cu, Pb, Zn, Ag, As, Sb, Mo

After drying the samples at 95°C, soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by a jaw crusher and pulverized on a ring mill pulverizer.

0.50 gram of the sample is digested for two hours with an aqua regia mixture. After cooling samples are diluted to standard volume.

The solutions are analyzed by computer operated Jarrall Ash 9000 ICAP or Jobin Yvon 70 Type II Inductively Coupled Plasma Spectrometers.

Au Fire Geochem

A suitable sample weight; 15.00 or 30.00 grams is fire assay pre-concentrated. The precious metal beads are taken into solution with aqua regia and made to volume.

For Au only, samples are aspirated on an atomic absorption spectrometer with a suitable set of standard solutions. If samples are for Au plus Pt or Pd, the sample solution is analyzed in an inductively coupled plasma spectrometer with reference to a suitable standard set.

Gold Assay Procedure

Samples are dried @ 95°C and when dry are crushed on a jaw crusher. The -¼ inch output of the jaw crusher is put through a secondary roll crusher to reduce it to -1/8 inch. The whole sample is then riffled on a Jones Riffle down to a statistically representative 300 - 400 gram sub-sample (in accordance with Gy's statistical rules). This sub-sample is then pulverized in a ring pulverizer to 95% minus 120 mesh, rolled and bagged for analysis. The remaining reject from the Jones Riffle is bagged and stored.

Samples are fire assayed using one assay ton sample weight. The samples are fluxed, a silver inquart added and mixed. The assays are fused in batches of 24 assays along with a natural standard and a blank. This batch of 26 assays is carried through the whole procedure as a set. After cupellation the precious metal beads are transferred into new glassware, dissolved, diluted to volume and mixed.

These aqua regia solutions are analyzed on an atomic absorption spectrometer using a suitable standard set. The natural standard fused along with this set must be within 3 standard deviations of its known or the whole set is re-assayed. Likewise the blank must be less than 0.015 g/tonne.

Ag, Cu, Pb, Zn Assay Procedure

A 2.000 gram sub-sample is weighed from the pulp bag for analysis. Each batch of 70 assays has a natural standard and a reagent blank included. The assays are digested using a HNO3-KCL04 mixture and when reaction subsides, HCL is added to assay before it is placed on a hotplate to digest. After digestion is complete the assays are cooled, diluted to volume and mixed.

The assays are analyzed on atomic absorption spectrometers using the appropriate standard sets. The natural standard digested along with this set must be within 3 standard deviations of its known or the whole set is re-assayed. If any of the assays are >1% they are re-assayed at a lower weight.

APPENDIX IV

Silt Geochemistry Results

152
S.I.

COMP: KEEWATIN ENGINEERING
PROJ: 152
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-1206-LJ1+2
DATE: 90/08/28
• SILTS • (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90AA152L003	20	2.4	107	11	142	1	1	1	90
90AA152L004	9	1.3	79	19	116	1	1	1	160
90AA152L005	2	1.4	67	6	85	1	1	1	205
90AA152L006	18	1.7	112	6	101	1	1	1	110
90AA152L007	1	1.4	127	6	74	1	1	1	160
90AA152L008	1	1.0	90	21	106	1	1	1	205
90AA152L009	1	1.0	84	6	79	1	1	1	145
90AA152L010	1	2.5	94	6	65	1	1	1	50
90AA152L011	6	1.4	85	6	107	1	1	1	95
90AA152L012	1	2.1	102	6	101	1	1	1	95
90AA152L013	1	1.1	84	12	106	1	1	1	195
90AA152L014	1	1.6	76	6	104	1	1	1	80
90AA152L015	1	2.5	152	9	157	1	1	1	110
90AA152L016	1	1.6	136	6	81	1	1	1	95
90AA152L017	2	1.1	116	6	79	1	1	1	150
90AA152L018	18	1.8	99	7	167	1	1	1	180
90AA152L019	1	1.4	107	6	61	1	1	1	155
90AA152L020	1	2.6	152	6	75	1	1	1	105
90AA152L021	1	1.9	96	15	110	1	1	1	130
90AA152L022	1	1.3	75	8	103	1	1	1	160
90AA152L023	2	1.5	84	6	86	1	1	1	110
90AA152L024	1	1.9	165	6	106	1	1	1	105
90AA152L025	2	3.3	73	6	93	1	1	1	50
90AA152L026	1	1.7	149	6	88	1	1	1	70
90AA152L027	54	2.1	132	173	507	1	1	1	165
90AA152L028	7	1.0	71	6	103	1	1	1	155
90AA152L029	15	1.1	144	59	158	1	1	1	555
90AA152L030	5	1.0	115	6	49	1	1	1	170
90AA152L031	1	1.2	92	6	51	1	1	1	85
90AA152L050	4	1.2	121	21	203	1	1	1	130
90AA152L051	1	1.1	148	4	66	1	1	1	130
90AA152L052	1	1.1	138	4	51	1	1	1	350

COMP: KEEWATIN ENGRG.
PROJ: 152
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-0190-LJ1+2+3
DATE: 90/07/30
• SILT * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90NN 152 L001 NA	2	1.0	87	29	124	1	1	1	120
90NN 152 L002 NA	5	.1	105	33	65	1	1	1	105
90NN 152 L003 NA	2	1.4	103	37	119	1	1	1	125
90NN 152 L004 NA	1	.8	106	34	81	1	1	1	130
90NN 152 L005 NA	3	.9	153	47	161	1	1	1	220
90NN 152 L006 NA	20	.4	105	34	65	1	1	1	135
90NN 152 L007	1	1.0	101	36	101	1	1	1	150
90NN 152 L008	6	.9	122	35	74	1	1	1	120
90NN 152 L009	2	.7	99	37	85	1	1	1	140
90NN 152 L010	1	.8	96	38	75	1	1	1	125
90NN 152 L011	6	.6	159	38	81	1	1	1	150
90NN 152 L012	17	.7	100	36	65	1	1	1	145
90NN 152 L013	10	.6	95	32	70	1	1	1	130
90NN 152 L014	2	1.7	62	35	80	1	1	1	95
90NN 152 L015	1	1.3	100	37	90	1	1	1	145
90NN 152 L016	3	1.2	95	34	76	1	1	1	150
90NN 152 L017	6	1.2	98	36	82	1	1	1	125
90NN 152 L018	11	1.5	89	35	86	1	1	1	145
90NN 152 L019	20	1.2	87	35	66	1	1	1	135
90NN 152 L020 NA	5	.8	101	43	82	1	1	1	190
90NN 152 L021 NA	2	.8	83	32	63	1	1	1	135
* 90V 152 L001 *	12	.8	98	48	106	1	1	1	210
90V 152 L002	9	.8	90	59	190	1	1	1	195
90V 152 L003	18	1.2	70	26	135	1	1	1	210
90V 152 L004	2	1.3	70	42	118	1	1	1	185
90V 152 L005	5	.8	57	40	137	1	1	1	125
90V 152 L006	2	1.6	92	50	148	1	4	1	145
90V 152 L007	4	1.2	89	52	137	1	3	1	150
90V 152 L008	2	1.2	91	51	150	1	1	1	180
90V 152 L009	2	1.3	78	38	142	1	1	1	115
90V 152 L010	6	.9	88	40	109	1	1	1	245
90V 152 L011	3	.5	79	32	113	1	1	1	185
90V 152 L012	1	.7	83	40	116	1	1	1	210
90V 152 L013	2	1.0	79	33	101	1	1	1	165
90V 152 L014	4	1.7	64	37	102	1	1	1	195
90V 152 L015 NA	1	.8	83	31	84	1	1	1	135
90V 152 L016	7	1.3	73	32	108	1	1	1	185
90V 152 L017	2	1.1	64	37	107	1	1	1	140
90V 152 L018	6	1.5	72	39	111	1	1	1	185
90V 152 L019	2	1.4	71	34	107	1	1	1	145
90V 152 L020	3	1.3	73	35	96	1	1	1	140
90V 152 L021	1	1.0	71	29	96	1	1	1	200
90V 152 L022	5	.4	59	38	86	1	1	1	175
90V 152 L023	3	1.1	82	32	97	1	1	1	155
90V 152 L024	4	1.1	49	20	73	1	1	1	125
90V 152 L025	2	1.4	67	39	97	1	1	1	175
90V 152 L026	1	1.8	72	39	113	1	1	1	155
90V 152 L027	2	1.8	71	36	109	1	2	1	140
90V 152 L028	3	1.3	31	23	69	1	1	1	115
90V 152 L029	2	1.1	69	34	98	1	1	1	165
90V 152 L030	3	1.5	60	32	89	1	1	1	145
90V 152 L031	5	1.0	64	29	91	1	1	1	245
90V 152 L032 NA	2	1.4	62	35	93	1	1	1	150
90V 152 L033 NA	1	1.2	60	30	91	1	1	1	135
90V 152 L034	3	3.1	108	36	245	91	13	37	610
90V 152 L035	2	1.8	87	33	71	13	4	2	270
90V 152 L036	1	2.5	82	32	157	73	10	28	465

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN

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-1111-LJ1
DATE: 90/08/21
* SILT * (ACT:)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90F152L008	9	1.9	167	44	111	1	1	1	245
90V152L060 SEESTE12	1	1.1	103	39	151	1	1	1	195

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN

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-0235-LJ1+2+3+4
DATE: 90/08/10
* SILT * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90-0-152 L001 NA	3	1.5	66	28	122	1	1	1	120
90-0-152 L002	168	1.7	199	33	80	1	1	1	105
90-0-152 L003	90	1.9	201	32	94	1	1	1	160
90V152 L037	6	.9	127	31	106	1	1	1	145
90V152 L038	2	1.2	93	31	106	1	1	1	130
90V152 L039	5	1.4	92	26	106	1	1	1	125
90V152 L040	3	1.4	79	24	75	1	1	1	125
90V152 L041 NA	1	1.0	82	31	87	1	1	1	125
90V152 L042	4	.8	76	30	80	1	1	1	115
90V152 L043	2	.1	93	34	111	1	1	1	350
90V152 L044	3	.1	85	30	99	1	1	1	170
90V152 L045	33	1.0	153	49	176	1	1	1	300
90V152 L046	6	2.5	104	34	167	1	1	1	165
90V152 L047	13	1.1	119	17	104	1	1	1	150
90V152 L048	65	1.2	239	25	101	1	1	1	170
90V152 L049 TAT-KID	2	.1	82	16	86	1	1	1	115
90V152 L050 TAT-KID	1	.4	120	30	120	20	1	1	130
90NN152 L022	2	.3	95	19	83	5	1	1	155
90NN152 L023	1	.1	114	23	87	1	1	1	145
90NN152 L024	5	.1	100	36	101	1	2	1	230
90NN152 L025	27	.3	120	26	93	1	1	1	130
90NN152 L026	3	.2	119	80	233	1	1	1	240
90NN152 L027	2	.4	109	26	89	1	1	1	150
90NN152 L028	16	.1	117	32	105	1	1	1	155
90NN152 L029 NA	1	.1	110	28	90	1	1	1	170
90NN152 L030	4	.4	68	26	103	1	1	1	115
90NN152 L031	17	.5	98	26	99	1	1	1	145
90NN152 L032	22	.1	82	30	137	1	1	1	130
90NN152 L033	2	.1	104	23	88	1	1	1	105
90NN152 L034	1	.1	96	28	90	1	1	1	120
90NN152 L035	3	.1	125	46	202	1	1	2	160
90NN152 L036	2	.2	88	25	113	1	1	1	130
90NN152 L037	14	.2	106	26	137	1	1	1	155
90Y152 L001	26	.9	96	29	87	1	1	1	210
90Y152 L002	1	.8	123	34	113	1	1	1	235
90Y152 L003 NA	2	.7	96	33	85	1	1	1	125
90Y152 L004	1	1.1	110	16	98	1	1	1	105
90Y152 L005	4	1.6	90	20	90	1	1	1	100
90V152 S040	76	.7	1341	46	43	1	1	3	250
90F152 L001	9	.8	110	27	96	1	1	1	105
90F152 L002	2	.7	112	35	152	1	1	1	130
90F152 L003 NA	76	.6	103	19	110	1	1	1	90
90F152 L004	1	.6	112	31	94	1	1	1	95
90F152 L005	2	.7	114	35	140	1	1	1	140
90F152 L006	6	.6	91	28	120	1	1	1	140
90F152 L007	4	.6	97	33	118	1	1	1	215
15290'NN	2	1.4	123	46	191	1	1	1	155

APPENDIX V

Silt Sample Descriptions

KEEWATIN ENGINEERING INC.

STREAM SEDIMENTS

Project: Ascot # 152 — Results Plotted By: Marty Bobyn

Area (Grid): — Map: — N.T.S.:

Collectors: Trevor Shen... / Marty Bobyn / Grant Nage — Date: July 1990

Sample Number 90V152L	NOTES South Axe Creek (SAC)	SEDIMENT DATA					STREAM DATA					SPRING	DRY GULLY				
		Gravel	Sand	Silt	Clay	Organic	Bank	Active	Cross Width	Cross Depth	Velocity						
001	238 meters from dropoff on South Axe Creek		50	50				✓	400cm	30cm	Hi						
002	711 meters " (Moss Mat)		50	50				✓	400	100	Hi						
003	887 meters on trib to South Axe (Elev 1170 m)							✓	80cm	5cm	Hi						
004	976 meters on trib to South Axe.		30	40	30			✓	20	2	Low						
005	1110 meters on trib. South side		30	70				✓	50	15	med.						
006	1160 meters on South Axe.		10	90				✓	400	50	Hi						
007	1600 meters on South Axe (Moss Mat)			50		50		✓	400	50	Hi						
008	1900 on South Axe (Moss Mat)		50	50				✓	400	50	Hi						
009	2123 on trib to SAC.	35		50		15		✓	30	10	Hi						
010	2240 m on SAC. (Elev 1160)	10		90				✓	400	50	Hi						
011	2356 on SAC. (Elev 1125)		10	90				✓	400	50	Hi						
012	2530 on SAC		10	90				✓	500	70	Hi						
013	2930 on South trib to SAC. (Elev 1110)			70		30		✓	100	5	low						
014	2930 on SAC. by L-013	25	25	50				✓	500	70	Hi						
015	3160 on small trib to SAC.			90		10		✓	60	15	Hi						
016	3160 on SAC south bank. Elev (1100)			90		10		✓	500	100	Hi						
017	171 m from L-016 on south trib.			60		40		✓	50	4	low						
018	245 m " (Elev 1090)		10	90				✓	600	100	Hi						
019	445 m on SAC.		10	90				✓	600	100	Hi						
020	603 m on trib to SAC.			50		50		✓	40	10	Hi						
021	738 m on SAC (Elev 1060)			100				✓	600	100	Hi						
022	945 on trib to SAC.		30	70				✓	50	3	Hi						
023	1038 m on SAC			100				✓	600	100	Hi						
024	1308 m on trib to SAC (Elev 1040)		20	70		10		✓	30	10	low						
025	1348 m on SAC		20	70		10		✓	600	100	Hi						
026	1661 m on SAC Elev (1020m)		20	70		10		✓	600	100	Hi						
027	1954 m on SAC			100				✓	600	100	Hi						
028	2084 m on trib to SAC.			60		40		✓	30	4	Hi						
029	2328 m on SAC		50	50				✓	600	100	Hi						

NA

NA

KEEWATIN ENGINEERING INC.

STREAM SEDIMENTS

Project: Ascot #152 — Results Plotted By: T.S.

Area (Grid): — Map: — N.T.S.:

Collectors: Trevor Shephard / Grant Nage — Date: July 1990.

Sample Number 90V152	NOTES	SEDIMENT DATA					STREAM DATA					SPRING	DRY GULLY
	Samples taken on South Axe Creek (SAC)	Gravel	Sand	Silt	Clay	Organic	Bank	Active	Comp Width	Comp Depth	Velocity		
031	2958 from L-016 on SAC. (Elev. 960m)		10	90				✓	600	100	Hi		
032	3258 on SAC. (Elev 940m)		10	90				✓	600	100	Hi		
033	3702 m on SAC. (Elev 930m)		10	90				✓	600	100	Hi		
	End of South Axe Samples							✓					
								✓					
								✓					
034	below soil 90V152S-010 South branch (1500m)		20	80				✓	40	5	Hi		
035	creek flow from saddle below S-015 (1480m)		20	80				✓	50	20	Hi		
036	On north creek below S-010.		50	50				✓	60	10	Hi		
	New location. on creek flowing to Kinisken Lake. distances are from FL-007												
037	Elev. 4500' on creek above FL-007 (trib)	50	20	20		10		✓	40	5	Hi		
038	Elev. 3780' 400m from FL-007 on main	30	30	30		10		✓	200	20	Hi		
039	Elev. 3640' 700m on trib	20	10	60		10		✓	30	5	Hi		
040	Elev. 3590' 730m on main		30	70				✓	200	35	Hi		
041	Elev. 3300' 1200 m on main	10	20	60		10		✓	300	20	Hi		
042	Elev. 3080' 1600 m on main	10	10	70		10		✓	300	20	Hi		
043	Elev. 3070' 2000m on main			100				✓	200	15	low		
044	Elev 3060' 2400 m on main			90		10		✓	200	15	low		
	New location												
045	Elev. 1500 m Taken above small alpine lake, on north side of ridge on Axe claims.	20		60	20			✓	100	10	hie		
046	Elev 1490 m taken below 045 lake and below carbonate rust bank.	30		50		20		✓	100	10	hi		
047	Elev 1550 m. Taken below snow chute in amphib rock bowl facing north			60		40		✓	30	90	low		

KEEWATIN ENGINEERING INC.

STREAM SEDIMENTS

Project: Ascot #152 — Results Plotted By: T.S.

Area (Grid): — Map: — N.T.S.:

Collectors: Trevor Shephard — Date: July, 1990

Sample Number 90V152-	NOTES	SEDIMENT DATA					STREAM DATA					SPRING	DRY GULLY
		Gravel	Sand	Silt	Clay	Organic	Bank	Active	Width	Depth	Velocity		
049	Elev 6100 feet. On east side of plateau below 89 AA-33 (rock sample) 100m below sample.		50	50				✓	20	5	low		
050	Elev 6100 feet. On main creek to south of 049.		50	50				✓	60	5	hi		

KEEWATIN ENGINEERING INC.

STREAM SEDIMENTS

Project: AA

Area (Grid): 152

Collectors: CK

Results Plotted By: CK

Map: _____ N.T.S.: _____

Date: 8/10/90

Sample Number	NOTES	SEDIMENT DATA					STREAM DATA					SPRING	DRY GULLY				
		Gravel	Sand	Silt	Clay	Organic	Bank	Active	Width	Depth	Velocity						
90AA 152L 050	1330 m light brown	60	10	30				✓	3m	40	HI						
90AA 152L 051	1590 RIGHT CK dark brown, poor silt	40	50	10				✓	1m	20	MOD						
90AA 152L 052	1580 LEFT CK light brown	20	50	30				✓	0.5m	30	LOW						

APPENDIX VI

Soil Geochemistry Results

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R. NICHOLS/ D. MEHNER

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-0712-SJ1
DATE: 90/10/27
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90BR 152S 001	87	1.2	107	27	110	1	1	4	135
90BR 152S 002	459	2.1	470	22	123	169	1	3	120
90BR 152S 003	452	2.4	444	30	141	369	1	1	105
90BR 152S 004	1200	3.1	1286	26	114	353	1	1	155
90BR 152S 005	138	2.2	387	16	68	37	1	3	265
90BR 152S 006	104	1.6	176	21	96	12	1	2	220
90BR 152S 007	52	2.2	220	17	77	18	1	1	205
90BR 152S 008	62	2.0	173	24	84	4	1	1	225
90AH 152S 017	72	1.6	328	22	81	64	1	4	195

TREVOR PEAK

COMP: KEEWATIN ENGRG.
PROJ: 152
ATTN: R.NICHOLS/D.MEHNER

MIN-EN LABS — ICP REPORT

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

FILE NO: OS-0613-SJ1
DATE: 90/10/08
* SOIL * (ACT:F31)

SAMPLE NUMBER		AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90AH 152 S-001		43	1.2	126	32	107	13	2	6	105
90AH 152 S-002		51	1.0	87	40	67	39	1	6	80
90AH 152 S-003		33	2.2	215	45	126	163	3	2	100
90AH 152 S-004		1	.9	46	34	83	38	1	9	75
90AH 152 S-005		60	.6	42	26	100	53	1	7	65
90AH 152 S-006	R PEAK	1	.9	41	22	147	51	1	8	80
90AH 152 S-007		57	.6	45	32	65	1	1	5	75
90AH 152 S-008		80	.6	144	34	105	194	1	4	60
90AH 152 S-009		79	1.1	268	37	155	73	1	5	55
90AH 152 S-010		63	1.1	41	32	74	1	1	6	80
90AH 152 S-011	TREVOR	5	.7	59	25	41	22	1	4	115
90AH 152 S-012		46	.9	49	29	87	17	1	6	95
90AH 152 S-013		40	1.1	62	24	29	22	1	1	80
90AH 152 S-014		262	2.2	284	50	115	220	2	4	90
90AH 152 S-015		102	.8	101	31	86	47	1	4	70
90AH 152 S-016		292	2.2	587	45	74	83	1	5	60
90AH 152 S-018		3	1.0	92	30	88	38	1	6	55
90AH 152 S-019		220	1.7	239	40	91	208	5	3	90
90AH 152 S-020		480	2.7	463	116	165	271	9	1	85

COMP: KEEWATIN ENGRG.
PROJ: 152
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-0190-SJ3+4
DATE: 90/07/30
* SOIL * (ACT:F31)

SAMPLE NUMBER		AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90V 152 S008		3	1.2	140	40	116	1	5	1	185
90V 152 S009		2	.9	98	46	92	1	1	1	170
90V 152 S010		992	20.6	885	3920	2775	628	44	1	600
90V 152 S011		108	1.1	168	68	129	1	4	1	140
90V 152 S012		2	5.7	72	85	100	35	7	24	230
90V 152 S013		3	1.1	93	42	104	1	1	5	155
90V 152 S014		2	1.0	35	23	50	1	1	5	125
90V 152 S015		79	1.0	107	32	125	109	4	10	275
90V 152 S016		10	2.4	100	41	109	43	5	21	225
90V 152 S017		5	2.8	79	59	99	13	5	30	575
90V 152 S018	PEAK	2	.7	68	26	125	28	1	6	180
90V 152 S019		4	.6	53	27	115	1	1	1	155
90V 152 S020		1	.4	85	17	27	1	1	1	220
90V 152 S021		2	1.1	118	35	95	1	1	2	515
90V 152 S022		2	.9	66	29	39	1	1	4	260
90V 152 S023	TREVOR	1	1.7	178	29	51	1	2	1	210
90V 152 S024		3	.5	50	30	74	1	1	1	135
90V 152 S025		1	.9	34	26	42	1	1	1	165
90V 152 S026		2	1.0	58	31	39	1	1	4	400
90V 152 S027		10	1.2	241	32	61	1	1	1	310
90V 152 S028		3	2.2	57	36	42	1	1	2	300
90V 152 S029		2	1.2	72	35	43	1	1	3	285
90V 152 S030		1	1.0	78	32	55	1	1	1	195
90V 152 S031		2	.7	62	27	72	1	1	1	180
90V 152 S032		3	1.2	92	33	57	1	1	1	280
90V 152 S033		1	2.4	87	35	94	1	2	1	330
90V 152 S034		8	2.3	111	36	62	22	5	21	495
90V 152 S035		10	1.6	141	24	82	1	2	1	220
90V 152 S036		2	1.7	74	40	78	1	6	1	265
90V 152 S037		1	1.2	58	21	54	40	1	8	245
90V 152 S038		2	.9	53	30	46	1	1	8	190
90V 152 S039		6	2.4	49	31	81	1	1	1	270

COMP: KEEWATIN ENGRG.
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN

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-1210-SJ3+4+5
DATE: 90/08/29
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90V152 S 159	106	1.9	616	6	51	22	1	2	95
90V152 S 160	600	1.6	482	11	58	10	1	4	100
90V152 S 161	182	4.6	2845	23	229	29	3	6	125
90V152 S 162	117	2.2	1147	8	49	23	1	6	80
90V152 S 163	70	1.4	503	8	64	28	1	2	85
90V152 S 164	169	1.8	1174	15	72	35	1	4	95
90V152 S 165	158	2.6	624	20	279	33	1	1	90
90V152 S 166	24	1.5	159	15	85	19	1	1	85
90V152 S 167	56	1.9	122	8	113	15	1	2	80
90V152 S 168	23	1.5	161	10	72	12	1	1	50
90V152 S 169	18	1.3	116	8	76	21	1	1	60
90V152 S 170	51	1.3	107	8	123	23	1	3	105
90V152 S 171	4	.9	88	10	104	1	1	2	100
90V152 S 172	2	1.2	239	8	68	22	1	1	65
90V152 S 173	10	1.4	209	5	63	1	1	2	55
90V152 S 174	3	1.4	152	11	98	1	1	2	105
90V152 S 175	8	.4	199	32	76	1	1	6	90
90V152 S 176	1	.9	255	14	89	13	1	4	95
90V152 S 177	46	1.3	330	16	67	12	1	5	110
90V152 S 178	128	1.0	2298	18	70	28	1	4	60
90V152 S 179	165	.9	1159	17	56	18	1	11	65
90V152 S 180	10	.6	204	14	65	4	1	5	75
90V152 S 181	2	.9	177	22	65	1	1	7	90
90V152 S 182	1	.9	239	9	59	4	1	6	55
90V152 S 183	1	1.1	198	8	64	6	1	4	105
90V152 S 184	2	1.0	322	5	65	1	1	4	70
90V152 S 185	67	1.1	172	13	89	1	1	4	75
90V152 S 186	2	1.0	119	14	73	14	1	4	155
90V152 S 187	1	1.7	121	19	109	1	1	3	145
90V152 S 188	3	1.1	185	12	83	1	1	3	135
90V152 S 189	9	1.1	332	13	58	19	1	4	145
90V152 S 190	71	1.4	993	9	43	1	1	2	105
90V152 S 191	24	1.2	528	8	39	7	1	9	125
90V152 S 192	51	.6	338	13	36	11	1	6	175
90V152 S 193	6	.8	481	11	50	14	1	11	145
90V152 S 194	228	.3	798	18	51	1	1	12	105
90V152 S 195	32	1.1	827	21	45	3	1	38	120
90V152 S 196	15	1.4	793	21	48	1	1	37	100
90V152 S 197	6	.4	32	16	133	1	1	1	95
90V152 S 198	5	.8	25	17	93	13	1	2	135
90V152 S 199	2	.8	35	15	102	26	1	1	95
90V152 S 200	1	.5	25	25	91	1	1	2	100
90V152 S 201	6	.7	37	7	92	38	1	2	110
90V152 S 202	1	.4	30	8	74	29	1	1	70
90V152 S 203	4	.6	28	13	99	34	1	2	100
90V152 S 204	2	.7	50	19	135	15	1	3	90
90V152 S 205	6	.9	36	12	132	21	1	2	100
90V152 S 206	1	.7	69	13	113	23	1	2	85
90V152 S 207	2	1.0	56	7	67	24	1	1	105
90V152 S 208	1	.8	18	11	58	15	1	2	80
90V152 S 209	1	.8	31	15	62	34	1	2	75
90V152 S 210	2	1.1	37	15	83	15	1	2	80
90V152 S 211	2	1.0	48	9	134	35	1	12	120
90V152 S 212	1	1.1	29	5	61	16	1	24	80
90V152 S 213	1	1.2	17	9	87	20	1	2	55
90V152 S 214	2	.6	25	12	150	1	1	6	70

TREVOR PETHE

NEW AXE (SOUTH)

COMP: KEEWATIN ENGRG.
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN

MIN-EN LABS — ICP REPORT

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

FILE NO: OS-0133-SJ1
DATE: 90/07/16
• SOIL • (ACT:F31)

SAMPLE NUMBER		AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90F 152 S 001		49000	25.7	4479	50	31	6505	44	4	25
90NN 152 S 001		109	1.8	198	35	106	395	2	2	95
90NN 152 S 002		21	.9	69	34	150	110	1	1	60
90NN 152 S 003		19	1.3	92	42	162	97	1	1	50
90NN 152 S 004		332	1.2	90	195	263	1674	1	1	305
90NN 152 S 005	PEAK	123	1.5	196	77	139	661	2	1	1010
90NN 152 S 006		178	1.0	115	48	105	191	1	1	525
90NN 152 S 007		29	.9	90	53	108	226	2	1	850
90NN 152 S 008		46	.5	157	81	155	433	5	2	845
90NN 152 S 009		13	.7	120	66	124	185	1	2	260
90NN 152 S 010	TREVOR	80	1.3	147	56	105	109	1	1	225
90NN 152 S 011		42	1.2	136	61	174	135	1	1	350
90NN 152 S 012		3	1.1	116	52	133	263	4	2	260
90NN 152 S 013		36	2.4	178	34	70	446	4	1	220
90NN 152 S 014		4	2.0	54	25	83	7	1	1	135
90NN 152 S 015		40	1.6	120	30	83	84	1	1	125
90V 152S 001		25	.6	118	42	188	44	1	1	115
90V 152S 002		1	1.0	54	33	145	49	1	1	120
90V 152S 003		12	1.3	83	25	124	51	1	1	130
90V 152S 004		9	1.5	64	28	120	57	1	1	115
90V 152S 005		43	1.8	175	32	125	37	1	1	115
90V 152S 006		2	1.6	82	30	184	31	1	2	110
90V 152S 007		18	.7	77	33	115	89	1	2	125

COMP: KEEWATIN ENGRG.
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN

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-0142-SJ1+2
DATE: 90/07/19
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90 NN 152 S 016	20	.8	96	28	52	46	1	1	60
90 NN 152 S 017	2	.6	60	30	78	107	1	2	120
90 NN 152 S 018	451	.1	114	38	106	61	5	1	210
90 NN 152 S 019	22	.5	497	45	88	221	12	1	190
90 NN 152 S 020	81	3.8	197	61	104	591	5	2	385
90 NN 152 S 021	5	.3	62	52	195	88	1	2	485
90 NN 152 S 022	310	1.7	408	41	69	1209	8	5	185
90 NN 152 S 023	3	.2	80	33	62	79	1	3	170
90 NN 152 S 024	5	.6	123	40	62	145	1	1	120
90 NN 152 S 025	218	1.2	210	47	106	82	1	1	160
90 NN 152 S 027	2	.8	122	32	50	27	1	5	210
90 NN 152 S 028	20	1.5	46	33	63	32	1	2	95
90 NN 152 S 029	42	.9	121	32	54	1	1	1	35
90 NN 152 S 030	1	.3	78	43	62	1	1	8	210
90 NN 152 S 031	24	.8	107	31	52	13	1	8	65
90 NN 152 S 032	2	.6	29	29	64	21	1	4	35
90 NN 152 S 033	2	.7	24	30	112	17	1	3	115
90 NN 152 S 034	1	.8	34	35	160	2	1	5	40
90 NN 152 S 035	3	.9	39	31	77	14	1	5	95
90 NN 152 S 036	21	.9	73	32	67	22	2	9	25
90 NN 152 S 037	2	1.2	54	29	71	103	1	3	195
90 NN 152 S 038	2	1.3	48	33	87	19	1	4	385
90 NN 152 S 039	1	1.3	61	28	51	52	1	3	280
90 NN 152 S 040	2	1.6	88	26	59	28	1	2	380
90 NN 152 S 041	2	.5	39	37	164	56	1	3	90
90 NN 152 S 042	7	1.0	17	34	110	26	1	2	60
90 NN 152 S 043	4	1.2	62	52	183	47	1	5	265
90 NN 152 S 044	1	.8	17	29	94	30	1	2	45
90 NN 152 S 045	2	.3	16	34	65	29	1	3	55
90 NN 152 S 046	2	1.2	57	26	31	22	1	2	300
90 NN 152 S 047	1	1.3	59	29	73	21	1	2	195
90 NN 152 S 048	4	.9	66	41	151	12	1	3	125
90 NN 152 S 049	1	1.1	52	42	214	30	1	4	75
90 NN 152 S 050	2	.9	74	36	149	28	1	3	70
90 NN 152 S 051	3	1.4	55	38	125	107	1	2	85
90 NN 152 S 052	2	1.2	31	32	100	51	1	2	85
90 NN 152 S 053	1	.3	45	42	105	64	1	2	65
90 NN 152 S 054	6	.8	38	38	99	41	1	2	55
90 NN 152 S 055	2	.7	33	33	130	14	1	2	80
90 NN 152 S 056	3	.9	34	35	111	46	1	3	60
90 NN 152 S 057	6	.8	44	38	134	51	1	3	35
90 NN 152 S 058	2	1.3	70	38	127	91	1	4	85
90 NN 152 S 059	1	.7	39	33	170	35	1	2	105
90 NN 152 S 060	6	1.0	39	39	100	41	1	2	65
90 NN 152 S 061	7	.9	101	42	89	82	1	2	100
90 NN 152 S 062	1	.8	74	34	77	85	1	2	75
90 NN 152 S 063	11	.8	95	38	80	66	1	1	85
90 NN 152 S 064	2	.7	78	36	76	56	1	2	95
90 NN 152 S 065	1	.4	29	35	99	29	1	4	75
90 NN 152 S 066	6	.5	47	33	73	36	1	2	65
90 NN 152 S 067	2	.6	72	33	79	118	1	2	60
90 NN 152 S 068	1	.6	36	36	90	35	1	3	75
90 NN 152 S 069	2	.8	69	40	91	65	1	4	65
90 NN 152 S 070	1	.9	62	34	73	49	1	2	85
90 NN 152 S 071	21	1.2	116	28	66	62	1	1	75
90 NN 152 S 072	302	.8	140	34	82	85	2	2	85
90 NN 152 S 073	123	1.2	136	41	87	74	1	1	70
90 NN 152 S 074	62	1.3	154	35	76	134	1	2	125
90 NN 152 S 075	2	1.3	177	44	91	99	1	1	95

PETAK
TREVOR

COMP: KEEWATIN ENGRG.
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN

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-0142-SJ3+4
DATE: 90/07/19
• SOIL • (ACT:F31)

SAMPLE NUMBER		AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90NN 152 S 076		33	.4	134	36	80	29	1	1	135
90NN 152 S 077		2	.1	123	63	112	388	1	1	145
90NN 152 S 078		36	.6	243	59	134	274	2	1	135
90NN 152 S 079		98	1.8	159	68	219	170	1	1	120
90NN 152 S 081		960	8.7	937	102	112	1797	6	4	60
90NN 152 S 082		148	4.2	355	109	181	48	2	1	80
90NN 152 S 084		7	2.2	151	49	108	18	1	1	65
90NN 152 S 085		94	1.4	931	39	35	1	1	1	60
90NN 152 S 086		65	1.5	322	47	72	1	1	1	70
90NN 152 S 087		270	1.8	854	70	209	48	2	4	60
90NN 152 S 088		22	.7	91	46	108	1	1	2	155
90NN 152 S 089		66	.8	168	46	73	8	1	4	105
90NN 152 S 090		85	.8	609	47	55	1	1	1	85
90NN 152 S 091		60	1.0	108	34	53	1	1	1	60
90NN 152 S 092		2	.7	142	41	57	1	1	1	105
90NN 152 S 093		1	1.0	37	42	71	1	1	1	170
90NN 152 S 094		2	.8	147	35	51	3	1	1	45
90NN 152 S 095		2	.8	231	42	74	1	1	1	140
90NN 152 S 096		1	.7	85	43	54	1	1	1	70
90NN 152 S 097		5	.9	122	40	46	1	1	1	50
90NN 152 S 098		2	1.1	111	43	67	1	1	1	140
90NN 152 S 099		112	.1	168	66	105	85	1	3	125
90NN 152 S 100		8	.8	179	32	46	1	1	1	55
90NN 152 S 101		78	1.1	164	39	53	1	1	1	85
90NN 152 S 102		126	1.3	209	40	55	1	1	1	110
90NN 152 S 103	PEAK	2	.9	78	44	51	1	1	2	185
90NN 152 S 104		8	.6	100	45	65	1	1	1	145
90NN 152 S 105		2	.9	215	40	65	1	1	1	75
90NN 152 S 106		1	1.0	178	41	58	1	1	1	85
90NN 152 S 107		2	.8	192	37	38	2	1	1	60
90 0 152 S 001	TREVOR	25000	85.4	298	324	171	8080	247	18	10500
90 W 152 S 001		57	1.3	327	33	40	3	1	2	130
90 W 152 S 002		501	2.3	261	43	49	219	5	3	245
90 W 152 S 003		37	.9	138	32	52	40	1	3	90
90 W 152 S 004		29	1.2	50	40	120	30	1	3	75
90 W 152 S 005		2	.9	69	37	95	23	1	2	60
90 W 152 S 006		2	1.4	64	41	126	18	1	1	50
90 W 152 S 007		1	1.3	55	31	74	25	1	11	45
90 W 152 S 008		2	.9	44	36	110	9	1	20	120
90 W 152 S 009		4	2.1	40	38	215	1	1	1	55
90 W 152 S 010		19	1.2	140	42	144	1	1	2	90
90 W 152 S 011		22	1.0	193	34	70	48	1	4	35
90 W 152 S 012		22	1.0	121	49	183	41	1	8	140
90 W 152 S 013		6	1.2	115	41	104	184	2	5	55
90 W 152 S 014		18	1.2	85	47	132	60	4	5	80
90 W 152 S 015		19	1.3	102	43	134	45	1	1	85
90 W 152 S 016		31	2.8	70	47	132	24	1	3	105
90 W 152 S 017		7	1.0	90	36	111	38	1	3	75
90 W 152 S 018		96	1.8	100	42	186	92	3	2	60
90 W 152 S 019		23	.7	86	44	271	145	1	2	70
90 W 152 S 020		9	1.0	120	56	274	354	1	1	65
90 W 152 S 021		14	.5	42	33	112	12	1	1	45
90 W 152 S 022		329	.4	68	36	87	64	1	1	50
90 W 152 S 023		21	.5	76	42	97	90	1	2	125
90 W 152 S 024		41	.9	158	74	234	410	5	2	130
90 W 152 S 025		2	.1	62	43	124	1	1	3	285
90 W 152 S 026		45	.9	164	47	106	72	2	2	210

COMP: KEEWATIN ENGRG.
PROJ: 152
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-0190-SJ1+2
DATE: 90/07/30
* SOIL * (ACT:F31)

SAMPLE NUMBER		AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90NN 152 S108		5	.1	88	34	71	6	1	1	120
90NN 152 S109		44	1.1	93	51	116	1	1	1	115
90NN 152 S110		4	1.0	67	54	110	1	1	1	545
90NN 152 S111		37	.5	54	62	151	1	2	1	180
90NN 152 S112		2	.1	63	53	145	1	3	1	150
90NN 152 S113		40	.8	66	38	129	1	1	1	700
90NN 152 S114		2	.7	86	43	101	1	1	1	280
90NN 152 S115		1	.7	122	43	134	1	1	1	135
90NN 152 S116		72	1.9	210	43	118	1	2	1	120
90NN 152 S117		3	.1	47	63	211	1	1	1	325
90NN 152 S118		2	.1	62	32	62	1	1	10	150
90NN 152 S119		1	.1	77	33	52	1	1	6	245
90NN 152 S120	PEAK	3	.9	30	20	47	1	1	6	200
90NN 152 S121		9	.1	51	32	65	1	1	4	155
90NN 152 S122		15	.2	34	37	71	1	1	4	340
90NN 152 S123		1	.6	40	31	77	1	1	3	130
90NN 152 S124	TREVOR	3	1.0	42	25	88	1	1	3	135
90NN 152 S125		16	1.9	29	30	96	1	1	1	120
90NN 152 S126		5	1.1	35	27	112	1	1	1	215
90NN 152 S127		2	1.0	38	28	88	1	1	1	140
90NN 152 S128		4	1.2	64	40	113	1	1	1	130
90NN 152 S129		3	1.0	38	29	92	1	1	1	120
90NN 152 S130		8	1.2	40	28	66	1	1	1	160
90NN 152 S131		2	1.5	38	30	86	1	1	1	225
90NN 152 S132		20	.5	70	31	97	1	1	1	130
90NN 152 S133		2	2.7	57	29	98	1	1	1	95
90NN 152 S134		12	1.0	58	32	104	1	1	1	115
90NN 152 S135		4	1.4	46	30	100	1	1	1	140
90NN 152 S136		3	2.0	35	30	135	1	1	1	135
90NN 152 S137		4	1.8	37	27	104	1	1	1	155
90NN 152 S138		5	1.0	79	34	96	1	1	1	100

COMP: KEEWATIN ENGRG.
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN

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-1198-SJ6+4
DATE: 90/08/27
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90NN 152 S 150	78	1.9	500	22	104	1	1	1	90
90NN 152 S 151	63	1.5	245	23	67	1	1	2	125
90NN 152 S 152	96	2.1	717	20	74	1	1	1	130
90NN 152 S 153	55	2.1	379	31	143	1	1	3	150
90NN 152 S 154	106	1.9	544	21	67	1	1	1	120
90NN 152 S 155	70	2.1	410	18	56	1	1	1	125
90NN 152 S 156	30	1.5	233	19	65	1	1	1	130
90NN 152 S 157	21	2.1	427	20	40	1	1	1	165
90NN 152 S 159	22	2.4	369	15	58	1	1	1	80
90NN 152 S 160	142	2.8	1000	20	67	1	1	1	55
90NN 152 S 161	36	1.3	212	21	68	1	1	1	150
90NN 152 S 162	79	2.7	831	39	87	1	1	1	130
90NN 152 S 163	40	1.1	117	25	124	1	1	1	140
90NN 152 S 164	15	1.3	107	19	80	1	1	1	90
90NN 152 S 165	122	1.1	176	17	39	1	1	1	80
90NN 152 S 166	4	1.6	151	11	107	1	1	1	105
90NN 152 S 167	9	1.5	213	25	141	1	1	1	160
90NN 152 S 168	5	.8	108	16	74	1	1	1	130
90NN 152 S 169	41	2.2	376	13	59	1	1	1	110
90NN 152 S 170	2	1.2	111	16	56	1	1	1	105
90NN 152 S 171	1	1.5	85	16	92	1	1	1	135
90NN 152 S 172	1	1.8	46	17	115	1	1	1	110
90NN 152 S 173	2	2.0	156	15	100	1	1	1	140
90NN 152 S 174	2	.9	59	28	134	1	1	1	105
90NN 152 S 175	24	1.2	46	18	100	1	1	1	95
90NN 152 S 176	12	1.5	129	20	102	1	1	1	135
90NN 152 S 177	81	1.1	194	12	93	1	1	1	110
90NN 152 S 178	1	.6	53	19	51	1	1	1	100
90NN 152 S 179	1	1.1	78	15	114	1	1	1	90
90NN 152 S 180	2	1.3	77	24	68	1	1	1	125
90NN 152 S 181	5	1.2	106	18	63	1	1	1	95
90NN 152 S 182	3	2.4	643	22	56	1	1	2	100
90NN 152 S 183	2	2.1	469	24	60	1	1	1	95
90NN 152 S 184	6	3.0	480	8	58	1	1	1	80
90NN 152 S 185	2	1.6	216	17	68	1	1	1	75
90NN 152 S 186	1	1.6	107	15	66	1	1	1	90
90NN 152 S 187	12	1.7	234	24	71	1	1	1	85

TREVOR PEAK

COMP: KEEWATIN ENGRG.
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN

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-1198-SJ5
DATE: 90/08/27
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90NN 152 S 188	2	1.0	125	17	87	1	1	1	95
90NN 152 S 189	1	1.2	179	21	66	1	1	1	105
90NN 152 S 190	12	1.0	648	23	96	1	1	3	100
90NN 152 S 191	1	.6	71	24	85	1	1	2	145
90NN 152 S 192	1	.6	89	23	122	1	1	1	105
90NN 152 S 193	2	.8	101	28	125	1	1	2	155
90NN 152 S 194	1	1.0	94	23	138	1	1	1	140
90NN 152 S 195	1	.9	292	28	88	1	1	2	190
90NN 152 S 196	2	1.1	85	22	100	1	1	1	125
90NN 152 S 197	4	.9	134	17	75	1	1	2	165
90NN 152 S 198	2	.9	191	22	41	1	1	2	170
90NN 152 S 199	2	.9	112	38	64	1	1	3	240
90NN 152 S 200	6	1.5	192	20	24	1	1	2	90

PEAK

TREVOR

COMP: KEEEWATIN ENGRG.
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN/D.MEHNER

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-0447-SJ3+4
DATE: 90/09/12
• SOIL • (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90F 152 S004	42	.9	514	64	162	46	11	7	85
90 152 L0+00E 0+00	174	.5	116	35	90	54	2	3	90
90 152 L0+00E 0+50S	21	1.7	98	19	104	13	1	2	115
90 152 L0+00E 1+00S	189	.4	129	30	122	46	1	3	100
90 152 L0+00E 1+50S	46	1.5	138	26	110	48	1	2	140
90 152 L0+00E 2+00S	18	.9	177	26	97	25	1	3	100
90 152 L0+00E 2+50S	3	1.6	61	20	134	31	1	2	75
90 152 L0+00E 3+00S	22	1.0	116	35	113	28	1	3	140
90 152 L0+00E 0+50N	56	.6	48	32	86	5	1	5	125
90 152 L0+00E 1+00N	1	.7	38	32	95	14	1	3	105
90 152 L0+00E 1+50N	2	.5	53	26	84	13	1	3	95
90 152 L0+00E 2+00N	2	1.1	38	42	101	24	1	2	180
90 152 L1+00E 0+00	1050	1.5	180	45	114	45	4	10	120
90 152 L1+00E 0+50S	181	1.8	102	24	100	33	1	2	90
90 152 L1+00E 1+00S	540	1.4	189	88	167	57	1	3	165
90 152 L1+00E 1+50S	60	2.2	98	23	147	29	1	3	100
90 152 L1+00E 2+00S	86	2.2	114	22	161	28	1	4	230
90 152 L1+00E 2+50S	203	1.1	163	47	295	28	1	5	120
90 152 L1+00E 0+50N	366	2.3	53	31	96	10	1	4	125
90 152 L1+00E 1+00N	8	.7	43	31	108	17	1	3	110
90 152 L1+00E 1+50N	2	.8	65	29	82	16	1	2	115
90 152 L1+00E 2+00N	2	.5	48	33	37	1	1	3	200
90 152 L2+00E 0+00	24	1.7	36	14	98	24	1	5	115
90 152 L2+00E 0+50S	440	1.5	91	34	117	39	1	3	105
90 152 L2+00E 1+00S	34	1.7	95	33	98	62	1	5	165
90 152 L2+00E 1+50S	3	1.1	111	32	152	44	1	4	150
90 152 L2+00E 2+00S	27	1.1	100	38	138	47	4	5	165
90 152 L2+00E 2+50S	21	1.7	101	36	103	57	5	6	285
90 152 L2+00E 0+50N	21	1.7	54	12	97	19	1	3	95
90 152 L2+00E 1+00N	42	.4	42	27	68	12	1	3	125
90 152 L2+00E 1+50N	15	.7	78	20	63	35	1	2	70
90 152 L2+00E 2+00N	148	1.0	73	39	76	39	2	3	65
90 152 L3+00E 0+00S	128	1.7	66	31	127	38	1	3	130
90 152 L3+00E 0+50S	24	1.7	103	28	145	62	3	4	130
90 152 L3+00E 1+00S	19	1.5	90	30	141	38	2	5	140
90 152 L3+00E 1+50S	4	.7	95	24	118	25	3	3	200
90 152 L3+00E 2+00S	3	1.6	114	42	226	35	1	5	180
90 152 L3+00E 2+50S	2	1.6	117	40	133	48	1	3	130
90 152 L3+00E 3+00S	2	.8	116	25	65	36	1	3	110
90 152 L3+00E 0+50N	44	2.1	41	38	235	52	1	5	125
90 152 L3+00E 1+00N	18	1.5	121	23	72	38	1	4	195
90 152 L3+00E 1+50N	26	1.2	91	24	82	81	1	3	130
90 152 L3+00E 2+00N	120	.3	104	23	75	51	1	3	120
90 152 L4+00E 0+00S	1	2.1	30	16	57	39	1	4	130
90 152 L4+00E 0+50S	11	1.2	37	31	123	24	1	5	135
90 152 L4+00E 1+00S	50	1.9	65	17	72	22	1	4	125
90 152 L4+00E 1+50S	3	.8	97	42	171	32	3	3	170
90 152 L4+00E 2+00S	22	.7	70	29	73	8	1	2	210
90 152 L4+00E 2+50S	1	1.4	105	40	182	42	2	4	160
90 152 L4+00E 3+00S	8	1.6	118	43	226	68	6	4	155
90 152 L4+00E 0+50N	2	1.5	110	35	123	49	2	3	165
90 152 L4+00E 1+00N	30	1.4	81	32	100	43	1	4	135
90 152 L4+00E 1+50N	19	.7	35	33	90	1	1	3	160
90 152 L4+00E 2+00N	5	1.4	122	41	501	53	5	3	325
90 152 L5+00E 0+00	3	1.3	88	26	79	41	1	3	125
90 152 L5+00E 0+50S	1	1.8	89	33	185	43	2	6	175
90 152 L5+00E 1+00S	6	1.0	85	36	248	38	4	5	535
90 152 L5+00E 0+50N	60	1.5	81	39	177	52	4	3	245
90 152 L5+00E 1+00N	56	.6	101	29	80	19	1	5	95
90 152 L5+00E 1+50N	4	.8	47	32	69	8	1	3	175

EAST

HORN

Horn East

COMP: KEEEWATIN ENGRG.
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN/D.MEHNER

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-0447-SJ5+6
DATE: 90/10/10
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90 152 L5+00E 1+50S	16	.8	101	47	209	19	4	4	195
90 152 L5+00E 2+00S	19	1.1	115	55	301	53	7	6	265
90 152 L5+00E 2+50S	22	.4	104	41	219	47	6	4	170
90 152 L5+00E 2+00N	23	.9	51	31	69	20	1	3	105
90 152 L6+00E 0+00	137	.9	59	35	121	8	1	1	200
90 152 L6+00E 0+50S	9	1.3	69	29	157	38	1	3	125
90 152 L6+00E 1+00S	4	1.3	41	17	126	27	1	4	205
90 152 L6+00E 1+50S	17	3.4	154	45	282	36	1	4	575
90 152 L6+00E 2+00S	1	.6	99	25	94	20	1	2	100
90 152 L6+00E 2+50S	2	.2	94	25	100	39	2	3	240
90 152 L6+00E 3+00S	14	.2	57	26	84	29	2	2	95
90 152 L6+00E 0+50N	36	1.8	43	17	80	1	1	2	140
90 152 L6+00E 1+00N	82	.3	75	39	101	35	1	3	155
90 152 L6+00E 1+50N	1	.4	80	32	72	1	1	3	155
90 152 L6+00E 2+00N	75	.2	31	32	99	1	1	3	125
90 152 L7+00E 0+00	105	.5	46	25	136	22	1	2	170
90 152 L7+00E 0+50S	42	1.6	153	53	303	42	2	4	395
90 152 L7+00E 1+00S	10	.9	68	23	123	31	1	3	105
90 152 L7+00E 1+50S	2	.3	62	20	86	13	1	2	155
90 152 L7+00E 2+00S	3	.9	97	26	134	36	1	3	45
90 152 L7+00E 2+50S	2	.2	75	22	84	19	1	2	120
90 152 L7+00E 3+00S	14	.1	70	25	81	22	1	3	140
90 152 L7+00E 0+50N	3	1.3	22	20	104	2	1	4	210
90 152 L7+00E 1+00N	3	2.5	40	19	101	20	1	3	65
90 152 L7+00E 1+50N	1	.2	64	40	132	25	1	6	115
90 152 L7+00E 2+00N	1	.1	103	46	117	25	1	5	125
90 152 L8+00E 0+00	2	1.1	30	15	90	26	1	6	110
90 152 L8+00E 0+50S	14	.9	133	38	156	40	1	3	115
90 152 L8+00E 0+50N	52	2.0	37	38	109	30	1	4	135
90 152 L8+00E 1+00N	19	.8	105	27	80	17	1	2	100
90 152 L8+00E 1+00S	10	.6	66	45	169	59	2	4	135
90 152 L8+00E 1+50S	2	1.0	73	28	96	23	1	4	125
90 152 L8+00E 2+00S	1	.7	65	17	83	9	1	3	120
90 152 L8+00E 2+50S	2	1.4	41	19	108	37	1	4	165
90 152 L8+00E 3+00S	1	.4	32	16	75	1	1	4	185
90 152 L8+00E 3+50S	2	.5	98	25	66	17	1	4	125
90 152 L8+00E 4+00S	2	.9	52	22	65	35	1	3	110
90 152 L8+00E 1+50N	7	.5	40	38	139	30	1	5	140
90 152 L8+00E 2+00N	1	.2	48	35	110	1	1	5	110
90 152 L9+00E 0+00	86	.7	53	44	121	29	1	6	155
90 152 L9+00E 0+50S	2	.8	80	22	75	24	1	4	140
90 152 L9+00E 1+00S	1	.6	80	32	67	49	1	3	120
90 152 L9+00E 1+50S	1	1.0	74	20	78	31	1	2	90
90 152 L9+00E 2+00S	6	.9	72	20	79	41	1	3	115
90 152 L9+00E 2+50S	1	1.9	63	9	81	25	1	2	90
90 152 L9+00E 3+00S	2	2.3	54	12	85	32	1	2	130
90 152 L9+00E 3+50S	1	1.7	82	18	67	13	1	3	120
90 152 L9+00E 4+00S	1	1.4	53	17	84	50	1	5	75
90 152 L9+00E 0+50N	12	1.2	36	27	86	41	1	6	175
90 152 L9+00E 1+00N	2	1.5	33	19	82	59	1	3	150
90 152 L9+00E 1+50N	3	1.1	26	22	166	31	1	7	170
90 152 L9+00E 2+00N	2	.9	27	23	123	6	1	6	155
90 152L10+00E 0+00	2	2.6	65	11	101	47	1	1	135
90 152L10+00E 0+50S	1	1.8	65	14	92	31	1	3	110
90 152L10+00E 1+00S	2	1.2	65	19	74	35	1	4	135
90 152L10+00E 1+50S	3	.2	103	18	63	26	1	3	100
90 152L10+00E 2+00S	2	1.0	110	20	61	16	1	4	120
90 152L10+00E 0+50N	12	1.6	98	31	98	58	2	11	245
90 152L10+00E 1+50N	2	.8	50	46	136	38	1	5	140
90 152L10+00E 1+00N	4	1.0	51	34	119	40	1	5	125

EAST
HORN

Horn East

COMP: KEEEWATIN ENGRG.
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN/D.MEHNER

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-0447-SJ7+8
DATE: 90/10/10
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90 152L10+00E 2+50S	1	.9	90	25	46	19	2	2	110
90 152L10+00E 3+00S	1	.3	94	23	56	32	1	1	75
90 152L10+00E 2+00N	1	.9	77	36	107	22	1	4	210
90 152L11+00E 0+00	2	1.0	27	16	104	44	1	3	175
90 152L11+00E 0+50S	7	2.0	28	20	116	33	1	5	165
90 152L11+00E 1+00S	1	1.6	44	17	96	54	1	4	90
90 152L11+00E 1+50S	4	1.9	70	17	89	48	1	4	130
90 152L11+00E 2+00S	2	1.1	99	30	74	47	1	4	85
90 152L11+00E 2+50S	3	.8	95	27	65	36	1	3	120
90 152L11+00E 0+50N	1	1.3	50	11	72	19	1	5	170
90 152L11+00E 1+00N	2	.8	97	44	184	36	1	5	190
90 152L11+00E 1+50N	1	1.2	91	29	118	35	1	5	210
90 152L11+00E 2+00N	1	4.0	56	11	148	23	1	5	190
90152L11+00E2+00NDP 1200±/oo	14	3.2	66	22	526	56	1	6	460
90 152L12+00E 0+50S	2	.6	96	20	72	39	1	3	120
90 152L12+00E 1+00S	19	1.5	95	22	81	35	1	4	130
90 152L12+00E 1+50S	8	1.3	64	26	85	60	1	5	105
90 152L12+00E 2+00S	2	.9	75	26	78	67	1	4	115
90 152L12+00E 2+50S	2	.9	52	26	74	34	1	3	170
90 152L12+00E 0+50N	8	2.0	45	19	86	36	1	3	185
90 152L12+00E 1+00N	7	1.4	39	21	96	41	1	4	130
90 152L12+00E 1+50N	1	1.8	30	22	76	14	1	5	110
90JT 152S 001	6	.8	88	19	43	30	1	2	75
90JT 152S 002	6	1.3	104	33	63	25	3	3	135
90JT 152S 003	3	.7	158	57	230	76	4	6	230
90JT 152S 004	6	.8	91	30	102	66	2	4	185
90JT 152S 005	1	.8	115	27	109	37	1	4	130
90JT 152S 006	4	.9	121	35	104	24	1	4	165
90JT 152S 007	1	1.0	130	21	74	33	1	3	115
90JT 152S 008	2	.7	92	30	78	18	2	1	75
90JT 152S 009	1	.2	135	22	86	15	1	2	175
90JT 152S 010	2	.4	163	23	96	1	1	1	100
90JT 152S 011	2	.9	183	20	77	12	1	3	155
90JT 152S 012	1	1.1	77	28	111	6	1	1	140
90JT 152S 013	2	1.0	60	168	691	16	1	3	440
90JT 152S 014	1	1.7	85	27	101	29	1	1	75
90JT 152S 015	1	1.9	127	24	106	37	1	1	215
90JT 152S 016	3	2.0	220	21	80	61	1	3	120
90JT 152S 017	1	.9	43	25	78	12	1	2	270
90JT 152S 018	1	1.6	107	20	90	37	1	2	105
90JT 152S 019	1	.4	66	40	87	11	1	4	150
90JT 152S 020	1	1.6	200	33	106	30	1	2	110
90JT 152S 021	1	1.2	185	28	95	26	1	2	100
90JT 152S 022	1	.4	33	40	89	64	1	3	110
90JT 152S 023	1	.2	95	28	72	21	1	2	100
90JT 152S 024	1	.4	117	32	86	45	1	2	90
90JT 152S 025	2	.7	126	31	89	21	1	2	45
90JT 152S 026	1	.7	115	25	76	34	1	1	80
90JT 152S 027	2	.4	82	28	63	39	1	1	95
90JT 152S 028	2	.4	113	24	70	14	2	1	110
90JT 152S 029	1	.3	106	21	68	18	3	1	95
90JT 152S 030	4	.4	114	21	66	22	1	3	105
90JT 152S 031	2	.1	156	23	63	11	1	1	135
90JT 152S 032	3	.2	171	29	103	25	1	3	175
90JT 152S 033	1	.6	144	26	110	22	1	3	165
90JT 152S 034	20	1.0	199	44	138	31	2	2	155
90JT 152S 035	3	1.7	138	20	113	57	1	3	190
90JT 152S 036	4	.6	170	19	107	16	1	1	90
90JT 152S 037	1	.6	117	24	87	50	1	3	130
90JT 152S 038	2	.2	117	26	100	54	2	3	155

HORN EAST

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN

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-0235-SJ1+2+3
DATE: 90/08/10
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90Y152 S001	2	.8	50	26	82	1	1	1	165
90Y152 S002	1	.6	61	24	80	1	1	1	180
90Y152 S003	3	.6	26	31	73	1	1	1	115
90Y152 S004	1	.6	33	32	112	1	1	1	120
90Y152 S005	1	1.0	120	23	58	1	1	1	865
90Y152 S006	1	.6	49	21	75	1	1	1	135
90Y152 S007	2	1.2	21	21	56	1	1	1	145
90Y152 S008	2	.6	58	26	92	1	1	1	120
90Y152 S009	1	1.2	22	18	81	1	1	1	180
90Y152 S010	1	.7	75	26	82	1	1	1	280
90Y152 S011	2	1.1	35	24	85	1	1	1	190
90Y152 S012	1	.7	82	33	92	1	1	1	295
90Y152 S013	3	.6	153	28	75	1	1	1	275
90Y152 S014	1	.7	28	28	76	1	1	1	210
90Y152 S015	2	.6	59	25	68	1	1	1	870
90Y152 S016	1	.7	36	28	92	1	1	1	165
90Y152 S017	4	.6	60	28	60	1	1	1	150
90Y152 S018	2	1.6	79	28	126	1	1	1	225
90Y152 S019	21	1.5	116	28	99	1	1	1	190
90Y152 S020	3	1.0	121	21	86	1	1	1	170
90Y152 S021	1	.7	42	21	83	1	1	1	115
90Y152 S022	1	1.2	47	25	89	1	1	1	120
90Y152 S023	2	1.2	56	27	71	1	1	1	185
90Y152 S024	2	.6	37	24	82	1	1	1	220
90Y152 S025	1	1.8	52	18	66	1	1	1	100
90Y152 S026	3	1.3	70	22	133	1	1	1	125
90Y152 S027	1	.6	61	27	81	1	1	1	120
90Y152 S028	2	.6	27	21	50	1	1	1	170
90Y152 S029	2	.6	37	22	55	1	1	1	245
90Y152 S030	6	1.2	293	27	84	1	1	1	120
90Y152 S031	2	1.1	62	23	86	1	1	1	90
90Y152 S032	17	.7	71	22	75	1	1	1	95
90Y152 S033	3	.7	63	27	92	1	1	1	80
90Y152 S034	1	1.0	57	28	73	1	1	1	165
90Y152 S035	2	1.4	32	19	104	1	1	1	120
90Y152 S036	4	.6	34	17	54	1	1	1	105
90Y152 S037	2	.6	38	17	43	1	1	1	90
90Y152 S038	1	.6	114	19	43	1	1	1	140
90Y152 S039	1	.6	46	22	75	1	1	1	110
90Y152 S040	2	.7	64	18	104	1	1	1	140
90Y152 S041	2	.6	54	27	91	1	1	1	105
90Y152 S042	19	.9	124	37	98	1	1	1	100
90Y152 S043	2	1.0	97	22	98	1	1	1	170
90Y152 S044	4	1.1	76	22	103	1	1	1	95
90Y152 S045	1	.8	86	29	88	1	1	1	165
90Y152 S046	19	1.7	30	21	83	1	1	1	120
90Y152 S047	1	1.5	81	23	101	1	1	1	165
90Y152 S048	2	1.2	61	22	100	1	1	1	140
90Y152 S049	2	1.7	56	22	78	1	1	1	150
90Y152 S050	1	.6	117	26	77	1	1	1	130
90Y152 S051	1	1.3	47	18	87	1	1	1	135
90Y152 S052	2	.5	45	11	116	1	1	1	160
90Y152 S053	1	.1	77	25	111	1	1	2	150
90Y152 S054	1	.2	37	11	74	1	1	1	180
90Y152 S055	2	.1	35	13	102	1	1	1	170
90Y152 S056	1	.4	36	16	93	1	1	1	135
90Y152 S057	2	.1	34	22	80	1	1	1	120

KID

TAT-

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN

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-0235-SJ4+5
DATE: 90/08/10
• SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90Y152 S058	1	.3	30	28	95	1	1	1	120
90Y152 S059	2	.1	163	32	62	1	1	2	160
90Y152 S060	2	1.0	61	21	49	1	1	1	185
90Y152 S061	6	.5	74	22	56	1	1	1	155
90Y152 S062	4	.6	84	18	46	1	1	1	175
90Y152 S063	1	.4	62	23	52	1	1	1	165
90Y152 S064	1	.5	83	26	43	1	1	1	425
90Y152 S065	2	.6	68	24	52	1	1	1	185
90Y152 S066	1	.4	48	22	48	1	1	1	90
90Y152 S067	3	.4	46	23	44	1	1	1	105
90Y152 S068	1	.3	63	23	50	1	1	1	85
90Y152 S069	2	.5	92	26	67	1	1	1	95
90Y152 S070	1	.2	48	25	95	1	1	1	100
90Y152 S071	4	.1	77	24	61	1	1	1	90
90Y152 S072	2	.9	47	23	54	1	1	1	115
90Y152 S073	2	.1	29	23	39	1	1	1	125
90Y152 S074	8	.2	42	23	65	1	1	1	155
90Y152 S075	1	.1	121	27	93	1	1	1	185
90Y152 S076	17	1.0	63	21	57	1	1	1	210
90Y152 S077	21	.7	96	25	103	1	1	1	200
90Y152 S078	5	.5	87	25	82	1	1	1	350
90Y152 S079	2	1.0	125	34	80	1	3	2	260
90Y152 S080	2	1.3	96	18	95	1	1	1	190
90Y152 S081	1	.8	130	21	51	1	1	1	145
90Y152 S082	3	.3	60	17	65	1	1	1	130
90Y152 S083	1	1.6	51	23	117	1	1	1	100
90Y152 S084	2	1.7	27	11	45	1	1	1	140
90Y152 S085	2	.2	68	24	66	1	5	1	120
90Y152 S086	1	.8	31	14	57	1	1	1	145
90Y152 S087	2	.8	29	20	77	1	1	1	165
90Y152 S088	2	.9	44	35	78	1	1	1	85
90Y152 S089	4	1.3	28	21	58	1	1	1	120
90Y152 S090	1	1.3	50	15	53	1	1	1	105
90Y152 S091	1	.8	72	22	66	1	1	1	165
90Y152 S092	6	.4	78	26	72	1	1	1	170
90Y152 S093	2	.8	50	20	81	1	1	1	140
90Y152 S094	2	.4	64	27	80	1	1	1	240
90Y152 S095	27	.4	28	21	37	1	1	1	110
90Y152 S096	18	1.0	33	17	56	1	1	1	120
90Y152 S097	1	.9	23	14	64	1	1	1	125
90Y152 S098	29	.9	30	16	52	1	1	1	130
90-0-152 S002	4	.4	46	23	64	1	1	1	145
90-0-152 S003	1	.7	36	20	56	1	1	1	115
90-0-152 S004	2	.5	66	20	76	1	1	1	105
90-0-152 S005	5	.5	93	22	72	1	1	1	95
90-0-152 S006	13	1.5	55	17	75	1	1	1	90
90-0-152 S007	2	.6	77	23	64	1	1	1	85
90-0-152 S008	1	1.1	67	20	69	1	1	1	75
90-0-152 S009	2	.6	80	19	78	1	1	1	200
90-0-152 S010	2	.4	126	23	60	1	1	1	190
90-0-152 S011	1	.4	58	24	59	1	1	1	85
90-0-152 S012	4	.4	86	23	61	1	1	1	75
90-0-152 S013	16	.4	48	28	77	1	1	1	80
90-0-152 S014	1	.8	101	19	87	1	1	1	65
90-0-152 S015	3	.7	63	18	71	1	1	1	90
90-0-152 S016	1	.9	33	19	114	1	1	1	105
90-0-152 S017	23	.4	50	19	53	1	1	1	145
90-0-152 S018	1	.9	70	23	55	1	1	1	75
90-0-152 S019	2	1.1	107	28	59	1	1	1	345
90-0-152 S020	1	.8	58	30	81	1	1	1	125

TAT - K/D

TAT-KID

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN

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-0235-SJ6
DATE: 90/08/10
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90-0-152 S021	5	1.1	75	34	85	1	1	1	180
90-0-152 S022	2	.6	41	25	65	1	1	1	90
90-0-152 S023	3	1.3	58	23	63	1	1	1	145
90-0-152 S024	9	1.0	60	29	100	1	1	1	140
90-0-152 S025	2	.6	61	35	111	1	1	1	215
90-0-152 S026	1	.2	83	28	88	1	1	1	220
90-0-152 S027	1	.3	271	25	40	1	1	1	90
90-0-152 S028	3	.2	66	28	74	1	1	1	275
90-0-152 S029	1	.2	41	28	117	1	1	1	170
90-0-152 S030	2	.5	38	30	169	1	1	1	150
90-0-152 S031	2	.4	105	29	78	1	1	1	105
90-0-152 S032	1	.1	101	35	97	1	1	1	305
90-0-152 S033	2	.8	87	28	97	1	1	1	170
90-0-152 S034	4	.3	73	34	88	1	1	1	110
90-0-152 S035	1	1.4	37	21	97	1	1	1	125
90-0-152 S036	1	1.5	41	24	108	1	1	1	165
90-0-152 S037	2	1.1	54	29	114	1	1	1	335
90-0-152 S038	2	1.6	60	22	98	1	1	1	215
90-0-152 S039	1	1.7	59	27	104	1	1	1	180
90-0-152 S040	1	1.2	85	23	90	1	1	1	360
90-0-152 S041	2	1.0	59	21	83	1	1	1	290
90-0-152 S042	2	.7	44	20	65	1	1	1	100
90-0-152 S044	1	.5	83	31	80	1	1	1	115
90-0-152 S045	1	.6	68	22	54	1	1	1	100
90-0-152 S046	3	.9	56	22	76	1	1	1	130
90-0-152 S047	2	.9	83	23	77	1	1	1	80
90-0-152 S048	2	.7	99	41	229	1	1	1	140
90-0-152 S049	297	.3	105	54	719	1	1	1	165
90-0-152 S050	10	1.3	63	20	99	1	1	1	130

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN

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-1111-SJ1+2
DATE: 90/08/21
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90CL152S001	1	2.0	74	40	93	1	1	1	255
90CL152S002	2	1.7	81	29	92	1	1	1	190
90CL152S003	2	1.4	97	43	113	1	1	1	240
90CL152S004	1	1.3	106	34	123	1	1	1	150
90CL152S005	1	1.3	85	32	87	1	1	1	115
90CL152S006	2	1.1	70	23	83	1	1	1	240
90CL152S007	3	.6	69	31	67	1	1	1	195
90CL152S008	1	.7	78	26	79	1	1	1	155
90CL152S009	2	.6	58	23	73	1	1	1	230
90CL152S010	1	1.3	69	27	89	1	1	1	165
90CL152S011	2	1.3	77	29	74	1	1	1	195
90CL152S012	1	1.4	77	23	81	1	1	1	65
90CL152S013	2	1.8	76	24	96	1	1	1	160
90CL152S014	2	1.3	118	28	81	1	1	1	155
90CL152S015	1	1.2	143	36	88	1	1	1	135
90CL152S016	1	1.6	85	23	101	1	1	1	135
90CL152S017	1	1.0	96	22	78	1	1	1	175
90CL152S018	34	1.0	82	22	80	1	1	1	155
90CL152S019	5	1.2	89	30	93	1	1	1	135
90CL152S020	1	1.2	66	24	83	1	1	1	165
90CL152S021	2	1.0	78	31	104	1	1	1	185
90CL152S022	1	1.4	99	25	87	1	1	1	175
90CL152S023	1	.3	82	28	52	1	1	1	205
90CL152S024	2	1.4	70	29	61	1	1	1	145
90CL152S025	1	1.3	50	32	66	1	1	1	155
90CL152S026	1	1.3	73	28	70	1	1	1	170
90CL152S027	3	.6	100	25	63	1	1	1	200
90CL152S028	2	1.1	42	25	76	1	1	1	175
90CL152S029	2	1.1	32	23	50	1	1	1	165
90CL152S030	1	1.8	49	24	71	1	1	1	125
90CL152S031	2	.5	78	45	79	1	1	1	165
90CL152S032	1	1.0	90	28	94	1	1	1	200
90CL152S033	1	.2	127	36	187	1	1	1	160
90CL152S034	1	1.0	116	34	95	1	1	1	135
90CL152S035	16	1.7	79	28	87	1	1	1	145
90CL152S036	3	1.6	88	17	85	1	1	1	170
90CL152S037	2	2.2	84	17	88	1	1	1	125
90CL152S038	4	1.7	39	17	67	1	1	1	185
90CL152S039	2	1.4	46	22	86	1	1	1	170
90CL152S040	1	1.0	31	31	78	1	1	1	185
90CL152S041	1	.9	33	26	77	1	1	1	185
90CL152S042	2	1.1	40	17	66	1	1	1	155
90CL152S043	3	.6	65	21	77	1	1	1	155
90CL152S044	3	.5	42	25	50	1	1	1	180
90CL152S045	2	.5	59	36	44	1	1	1	230
90CL152S046	1	.6	47	37	52	1	1	1	210
90CL152S047	2	1.4	52	45	95	1	1	1	160
90CL152S048	2	1.0	34	30	59	1	1	1	220
90CL152S049	2	.8	37	37	82	1	1	1	195
90CL152S050	1	.7	34	35	76	1	1	1	170
90CL152S051	1	.2	24	28	50	1	1	1	165
90CL152S052	3	.1	65	25	79	1	1	1	150
90CL152S053	2	.9	73	66	338	1	1	1	270
90CL152S054	1	1.1	85	110	423	96	1	1	275
90CL152S055	1	1.4	82	68	280	1	1	1	180
90CL152S056	4	.7	89	36	112	1	1	1	140
90CL152S057	3	1.0	102	45	120	1	1	1	205
90CL152S058	2	1.9	55	22	76	1	1	1	145
90CL152S059	1	.2	76	31	73	1	1	1	210
90CL152S060	2	.1	114	41	83	1	1	1	225

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN

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-1111-SJ3+4
DATE: 90/08/21
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90CL152S061	2	1.1	92	45	95	1	1	1	220
90CL152S062	1	1.1	96	30	101	1	1	1	205
90CL152S063	2	1.5	75	22	80	1	1	1	230
90CL152S064	1	.6	73	25	92	1	1	1	235
90CL152S065	1	.9	79	26	69	1	1	1	285
90CL152S066	3	.9	97	24	77	1	1	1	290
90CL152S067	2	.3	80	33	89	1	1	1	250
90CL152S068	2	.4	87	29	85	1	1	1	210
90CL152S069	6	1.7	135	42	66	1	1	1	385
90CL152S070	2	1.0	136	40	36	1	1	1	245
90CL152S071	1	1.2	78	43	76	1	1	1	240
90CL152S072	5	.4	161	31	55	1	1	1	225
90CL152S073	2	.5	154	40	51	1	1	1	215
90CL152S074	1	.1	149	33	81	1	1	1	200
90CL152S075	132	.1	293	29	34	1	1	1	150
90CL152S076	16	.6	168	25	86	1	1	1	245
90CL152S077	1	.3	127	30	38	1	1	1	235
90CL152S078	2	.5	253	26	54	1	1	1	175
90CL152S079	4	.6	70	42	51	1	1	1	265
90CL152S080	16	1.2	71	43	90	1	1	1	225
90CL152S081	18	.9	277	42	105	1	1	1	250
90CL152S082	11	1.2	184	54	224	117	1	2	280
90CL152S083	26	.5	83	45	86	1	1	1	180
90CL152S084	49	.1	95	35	155	1	1	1	200
90CL152S085	2	.6	64	28	58	1	1	1	270
90CL152S086	384	.5	69	31	39	1	1	1	205
90CL152S087	14	.1	165	39	19	1	1	1	285
90CL152S088	11	1.6	155	43	83	1	1	1	310
90CL152S089	3	.6	80	27	51	1	1	1	265
90CL152S090	35	.9	98	27	103	1	1	1	290
90CL152S091	1	1.3	98	28	96	1	1	1	190
90CL152S092	2	1.3	82	32	107	1	1	1	230
90CL152S093	2	1.6	105	34	109	1	1	1	195
90CL152S094	1	.7	45	30	92	1	1	1	190
90CL152S095	2	1.1	48	33	63	1	1	1	270
90CL152S096	3	.6	120	23	85	1	1	1	215
90CL152S097	2	1.1	49	36	55	1	1	1	210
90CL152S098	2	.3	111	48	110	1	1	1	200
90CL152S099	1	.8	107	41	90	1	1	1	190
90CL152S100	1	.7	75	43	77	1	1	1	245
90CL152S101	2	.9	113	33	121	1	1	1	295
90CL152S102	1	.4	157	49	63	1	1	1	285
90CL152S103	3	1.3	110	47	101	1	1	1	270
90CL152S104	2	.1	160	40	85	1	1	1	255
90CL152S105	2	.5	137	27	65	1	1	1	210
90CL152S106	1	.1	104	38	53	1	1	1	305
90CL152S107	2	.8	87	29	85	1	1	1	32
90CL152S108	2	.7	67	36	56	1	1	1	275
90CL152S109	13	1.3	93	31	71	1	1	1	225
90CL152S110	1	.9	101	33	93	1	1	1	205
90CL152S111	10	1.2	144	51	115	1	1	1	185
90CL152S112	2	.8	118	40	91	1	1	1	235
90CL152S113	2	.5	168	24	43	1	1	1	200
90CL152S114	4	1.1	188	26	49	1	1	1	215
90CL152S115	1	1.5	185	19	63	1	1	1	185
90CL152S116	1	1.8	312	14	53	1	1	1	195
90CL152S117	2	1.8	376	23	50	1	1	1	240
90CL152S118	1	1.5	202	24	87	1	1	1	200
90CL152S119	2	1.5	395	19	49	1	1	1	190
90CL152S120	1	1.1	236	19	39	1	1	1	175

SEESTER SOILS

TREVOR PEAK

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN

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-1111-SJ5+6
DATE: 90/08/21
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90CL152S121	22	.6	360	29	43	1	1	1	200
90CL152S122	3	.3	149	26	49	1	1	1	220
90CL152S123	1	.1	92	24	61	1	1	1	210
90CL152S124	2	.1	87	25	49	1	1	1	185
90CL152S125	2	.1	111	19	32	1	1	1	270
90CL152S126	1	.1	59	25	46	1	1	1	195
90CL152S127	2	.3	112	27	47	1	1	1	240
90CL152S128	1	.1	106	35	81	1	1	8	185
90CL152S129	1	.5	136	31	58	1	1	1	175
90CL152S130	3	.5	117	33	50	1	1	1	195
90CL152S131	2	.5	150	35	47	1	1	3	210
90CL152S132	1	.1	270	22	32	1	1	4	135
90CL152S133	2	.2	267	29	42	1	1	1	205
90CL152S134	5	.3	222	29	65	1	1	1	205
90CL152S135	1	.6	135	33	82	1	1	1	195
90CL152S136	2	.9	129	34	99	1	1	1	155
90CL152S137	206	.8	77	34	85	1	1	1	180
90CL152S138	1	1.8	62	19	65	1	1	1	280
90CL152S139	2	1.3	62	32	78	1	1	1	230
90CL152S140	2	.8	81	24	80	1	1	1	170
90CL152S141	1	.9	90	23	83	1	1	1	180
90CL152S142	2	1.2	95	27	91	1	1	1	195
90CL152S143	2	.7	98	51	99	1	1	1	370
90CL152S144	60	1.5	102	20	93	1	1	1	185
90CL152S145	22	1.6	99	24	85	1	1	1	155
90CL152S146	146	1.5	167	19	125	1	1	1	160
90CL152S147	26	.9	79	39	109	1	1	1	215
90CL152S148	7	.5	83	26	83	1	1	1	185
90CL152S149	1	.7	76	28	84	1	1	1	175
90CL152S150	2	1.2	40	31	56	1	1	1	155
90CL152S151	4	.8	70	24	78	1	1	1	175
90CL152S152	1	.9	55	26	74	1	1	1	255
90CL152S153	78	.8	70	19	87	1	1	1	195
90CL152S154	3	1.7	47	23	84	1	1	1	285
90CL152S155	16	1.6	45	32	93	1	1	1	310
90CL152S156	20	1.3	75	28	99	1	1	1	180
90CL152S157	23	1.4	74	25	89	1	1	1	225
90CL152S158	22	1.3	77	25	88	1	1	1	135
90CL152S159	26	1.5	70	18	101	1	1	1	160
90CL152S160	112	1.1	95	26	100	1	1	1	180
90CL152S161	18	.9	65	23	92	1	1	1	160
90CL152S162	1	.9	57	28	90	1	1	1	215
90CL152S163	17	1.3	68	23	104	1	1	1	195
90CL152S164	9	1.4	58	24	100	1	1	1	200
90CL152S165	2	1.3	50	31	107	1	1	1	245
90CL152S166	1	1.9	41	25	104	1	1	1	245
90CL152S167	4	1.2	44	27	100	1	1	1	205
90CL152S168	2	1.9	48	32	84	1	1	1	270
90CL152S169	17	.6	59	29	266	1	1	1	255
90CL152S170	2	.5	33	36	78	1	1	1	290
90CL152S171	1	.1	86	27	84	1	1	1	225
90CL152S172	1	.9	55	33	72	1	1	1	245
90CL152S173	3	1.1	62	24	122	1	1	1	175
90CL152S174	12	1.7	73	31	110	1	1	1	165
90CL152S175	2	1.7	59	28	100	1	1	1	200
90CL152S176	8	1.7	49	26	108	1	1	1	150
90V152S041	4	.4	152	37	77	1	1	1	245
90V152S042	1	.8	136	47	137	1	1	1	275
90V152S043	2	.2	138	54	128	1	1	1	255
90V152S044	6	.8	93	25	84	1	1	1	150

TREVOR PEAK

SEESTER

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN

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-1111-SJ7+8
DATE: 90/08/21
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90V152S045	2	.8	47	23	45	1	1	1	200
90V152S046	1	.4	84	27	78	1	1	1	170
90V152S047	5	.1	74	31	94	1	1	1	165
90V152S048	1	.1	76	33	106	1	1	1	155
90V152S049	1	1.3	50	12	61	1	1	1	240
90V152S050	2	.3	82	36	153	1	1	1	200
90V152S051	3	.1	96	45	87	1	1	1	200
90V152S052	1	.1	91	52	157	1	1	1	175
90V152S053	4	.1	129	35	123	1	1	1	165
90V152S054	2	.7	72	18	100	1	1	1	195
90V152S055	4	.2	115	39	171	1	1	1	235
90V152S056	1	.8	108	41	100	1	1	1	200
90V152S057	21	1.7	93	24	106	1	1	1	180
90V152S058	6	.4	125	25	99	1	1	1	250
90V152S059	2	1.0	108	31	82	1	1	1	230
90V152S060	17	1.3	133	45	65	1	1	1	320
90V152S061	1	.1	113	34	52	1	1	1	196
90V152S062	4	.5	124	33	74	1	1	1	220
90V152S063	2	.9	157	27	60	1	1	1	145
90V152S064	2	.7	120	29	62	1	1	1	155
90V152S065	28	.8	133	26	33	1	1	1	165
90V152S066	3	2.5	95	17	46	1	1	1	175
90V152S067	1	1.8	79	33	40	1	1	1	200
90V152S068	2	.1	44	54	80	1	1	1	210
90V152S069	3	1.3	52	36	50	1	1	1	225
90V152S070	1	.8	134	53	86	1	1	2	285
90V152S071	2	1.6	101	40	59	1	1	1	245
90V152S072	1	1.0	121	41	80	1	1	1	230
90V152S073	2	1.5	116	34	99	1	1	1	220
90V152S074	20	.8	165	68	82	1	1	1	335
90V152S075	2	1.2	94	18	69	1	1	1	190
90V152S076	2	.2	54	29	58	1	1	1	250
90V152S077	1	1.3	77	53	218	1	1	1	155
90V152S078	5	2.3	119	74	318	1	1	1	275
90V152S079	2	1.7	92	52	296	1	1	1	200
90V152S080	2	1.0	59	50	247	1	1	1	295
90V152S081	1	1.4	82	44	565	4	1	1	300
90V152S082	20	.6	43	20	68	1	1	1	190
90V152S083	28	1.8	304	89	1298	1	1	1	1520
90V152S084	6	2.0	119	58	418	1	1	1	535
90V152S085	1	3.1	95	59	347	1	1	1	420
90V152S086	17	.9	38	29	94	1	1	1	245
90V152S087	2	4.2	162	66	812	311	1	1	830
90V152S088	1	3.9	152	128	526	26	1	1	710
90V152S089	3	1.3	68	46	235	1	1	1	195
90V152S090	4	1.4	153	104	556	1	1	1	2015
90V152S091	74	.1	257	98	229	1	1	1	260
90V152S092	2	.8	110	41	137	1	1	1	240
90V152S093	2	1.3	99	25	280	1	1	1	260
90V152S094	1	.5	121	33	141	1	1	1	180
90V152S095	1	1.4	82	20	110	1	1	1	170
90V152S096	2	1.4	99	27	97	1	1	1	260
90V152S097	1	1.1	109	33	107	1	1	1	235
90V152S098	1	1.3	89	21	111	1	1	1	225
90V152S099	2	1.6	37	19	71	1	1	1	250
90V152S100	2	.7	111	27	71	1	1	1	185
90V152S101	1	.6	100	35	90	1	1	1	200
90V152S102	1	1.1	96	28	68	1	1	1	205
90V152S103	2	2.1	91	26	106	1	1	1	215
90V152S104	1	1.2	155	35	82	1	1	1	230

SEESTER

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN

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-1111-SJ9+10
DATE: 90/08/21
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90V152S105	2	.5	132	45	83	1	1	1	220
90V152S106	1	.9	90	27	83	1	1	1	160
90V152S107	1	.2	109	34	76	1	1	1	270
90V152S108	2	.4	66	23	93	1	1	1	240
90V152S109	4	.5	71	17	64	1	1	1	195
90V152S110	1	.6	120	22	60	1	1	1	250
90V152S111	3	.1	151	33	65	1	1	1	155
90V152S112	2	.5	553	36	57	1	1	1	220
90V152S113	1	.1	110	32	37	1	1	1	400
90V152S114	2	.3	76	23	38	1	1	1	170
90V152S115	5	.4	123	26	75	1	1	1	310
90V152S116	3	.2	90	22	79	1	1	1	250
90V152S117	1	1.3	116	26	91	1	1	5	380
90V152S118	4	.3	173	37	87	1	1	1	260
90V152S119	1	.9	55	24	71	1	1	1	200
90V152S120	1	1.0	69	27	137	1	1	1	215
90V152S121	2	.1	157	47	62	1	1	1	180
90V152S122	2	1.5	82	18	98	1	1	1	140
90V152S123	1	1.5	74	20	82	1	1	1	170
90V152S124	3	1.5	67	23	79	1	1	1	185
90V152S125	2	.8	71	19	86	1	1	1	225
90V152S126	4	.9	69	25	89	1	1	1	155
90V152S127	2	.5	105	34	68	1	1	1	185
90V152S128	1	.7	79	27	72	1	1	1	195
90V152S129	2	1.6	85	33	90	1	1	1	165
90V152S130	1	1.2	109	38	58	1	1	1	195
90V152S131	2	.1	120	44	54	1	1	1	180
90V152S132	3	.2	125	32	56	1	1	1	165
90V152S133	2	.5	93	41	66	1	1	1	155
90V152S134	2	.6	78	30	94	1	1	1	185
90V152S135	1	.4	57	38	87	1	1	1	205
90V152S136	2	.2	74	34	93	1	1	1	175
90V152S137	14	.1	64	24	104	1	1	1	180
90V152S138	2	.2	96	18	53	1	1	1	140
90V152S139	11	.2	47	30	70	1	1	1	210
90V152S140	1	.1	98	29	66	1	1	1	110
90V152S141	2	.7	80	32	71	1	1	1	185
90V152S142	1	.9	83	23	75	1	1	1	170
90V152S143	5	.8	57	23	96	1	1	1	230
90V152S144	1	1.0	68	25	75	1	1	1	170
90V152S145	1	1.3	44	18	87	1	1	1	175
90V152S146	2	2.1	61	18	65	1	1	1	215
90V152S147	2	2.3	37	29	91	1	1	1	165
90V152S148	1	1.3	39	24	94	1	1	1	205
90V152S149	1	1.6	64	24	77	1	1	1	210
90V152S150	1	2.1	42	27	87	1	1	1	205
90V152S151	2	.9	57	29	82	1	1	1	175
90V152S152	3	1.8	324	32	120	1	1	1	165
90V152S153	1	2.5	45	22	125	1	1	1	155
90V152S154	1	1.6	89	29	95	1	1	1	220
90V152S155	1	2.3	71	19	103	1	1	1	165
90V152S156	1	.9	68	29	83	1	1	1	215
90V152S157	1	.5	82	37	74	1	1	1	145
90V152S158	2	1.6	47	28	75	1	1	1	210
90V152S187	1	1.1	61	29	105	1	1	1	225
90V152S188	1	1.3	52	25	102	1	1	1	220
90V152S189	22	1.2	62	29	110	1	1	1	260
90V152S190	2	1.7	102	34	106	1	1	1	300
90V152S191	1	.9	47	27	95	1	1	1	205

SEESTAR

SJ. 151

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R.NICHOLS/D.MEHNER

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-0550-SJ2+3
DATE: 90/09/27
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90-NN-152-S-300	2	.6	110	37	48	1	1	1	155
90-NN-152-S-301	915	7.5	8762	107	30	2737	25	1	195
90-NN-152-S-302	12	.4	116	36	68	1	1	3	175
90-NN-152-S-303	4	1.1	80	23	49	1	1	1	165
90-NN-152-S-304	2	1.4	127	31	55	1	1	1	185
90-NN-152-S-305	8	.4	57	36	64	1	1	1	130
90-NN-152-S-306	1	.5	82	35	155	1	1	1	160
90-NN-152-S-307	4	1.7	173	44	102	1	1	1	205
90-NN-152-S-308	11	.7	98	74	135	68	1	1	270
90-CL-152-S-540 NA	2	.8	126	21	105	1	1	1	165
90-CL-152-S-541 NA	5	.7	92	51	92	1	1	1	210
90-CL-152-S-542	13	.8	104	155	231	1	1	1	675
90-CL-152-S-543	12	.2	148	50	129	1	1	2	385
90-CL-152-S-544	1	2.2	711	22	68	1	1	1	500
90-CL-152-S-545	3	1.3	43	32	78	4	1	1	260
90-CL-152-S-546	12	1.3	110	30	67	1	1	1	200
90-CL-152-S-547	2	1.6	147	30	78	1	1	1	175
90-CL-152-S-548	26	.5	82	22	62	1	1	1	160
90-CL-152-S-549	10	1.2	125	31	84	1	1	1	195
90-CL-152-S-550 NA	8	1.4	108	28	87	1	1	1	175
90-CL-152-S-551	3	1.2	61	25	77	1	1	1	145
90-CL-152-S-552	19	1.1	35	24	31	1	1	2	245
90-CL-152-S-553	2	.3	45	28	64	1	1	1	210
90-CL-152-S-554	7	1.0	98	32	70	1	1	1	200
90-CL-152-S-555	3	.4	29	31	71	1	1	1	165
90-CL-152-S-556	2	.3	73	35	81	1	1	1	175
90-CL-152-S-557	1	1.0	51	42	81	1	1	1	195
90-CL-152-S-558	3	.3	2498	34	37	1	1	1	145
90-CL-152-S-559	14	.8	180	22	68	1	1	1	180
90-CL-152-S-560	22	1.3	133	19	86	1	1	1	145
90-CL-152-S-561 NA	3	1.5	104	13	75	1	1	1	115
90-CL-152-S-562 NA	2	.5	77	24	71	1	1	1	175

SEESTER

APPENDIX VII

Soil Sample Descriptions

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: 152

Area (Grid): Wolf Area "Axe Claims"

Collectors: Grant Nagy

Results Plotted By:

Map: N.T.S.:

Date: July 8/90

Sample Number 90-NN-152	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill SIDE	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	Horizon Development: Good	Horizon Development: Poor	Parent Material: Drift	Parent Material: Bedrock	Colour
S-001	3+50 M	1170 M	< 5% ang. frag.		S/E			✓						B	35cm	✓				RB
002	4+00 M	1180 M	small gul. [illegible]		S/E			✓						B	20cm	✓				RB
003	4+50 M	1175 M	10% ang. frag.		S/E			✓						B	30cm	✓				RB
004	5+00 M	1180 M	25% " "		S/E	✓			✓					B	30cm		✓			DB
005	5+50 M	1180 M	open hillside V/Rocky 25% ang. frag.		S/E									B	30cm		✓			DB
006	6+00 M	1170 M	V/Rocky 25% ang. frag.		S/E	✓								B	20cm	✓				RB
007	6+50 M	1180 M	V/Rocky cliffs below		S/E	✓								B	15cm		✓			RB
008	7+00 M	1185 M	V/Rocky " "		S/E	✓								B	25cm		✓			DB
009	7+50 M	1190 M	15% ang. frag. 15% organic		S/E	✓			✓					B	25cm	✓				RB
010	8+00 M	[illegible] M	15% organic V/Rocky		S/E	✓								A	20cm		✓			LTB
011	8+50 M	12[illegible]0 M	30% ang. frag. n/c of cliffs		S/E	✓								A	20cm		✓			DB
012	9+00 M	1205 M	5% ang. frag. above cliffs		S/E	✓								B	25cm	✓				RB
013	9+50 M	[illegible]	10% ang. frag. cliff above & below		S/E	✓								B	20cm	✓				RB
approx. 014 *	10+25 M	[illegible]	10% ang. frag. V/steep		N	✓								B	20cm	✓				RB
approx. 015 *	11+00 M	[illegible]	10% ang. frag. V/steep											B	20cm	✓				RB
			Heading North 0+00 starting pt.																	
			Intersect creek at 6+45 M,																	
			elev. 1190 M Terminated line !!																	
016	0+00 M	1240 M	10% ang. frag. 10% organic		N	✓		✓						B	35cm	✓				RB
017	0+50 M	1240 M	" " " " "		N	✓		✓						B	30cm	✓				RB
018	1+00 M	1235 M	10% ang. frag.		N	✓								B	30cm	✓			✓	RB
019	1+50 M	1240 M	5% ang. frag.		N	✓			✓					B	35cm	✓				RB
020	2+00 M	1230 M	15% ang. frag. V/Rocky OK		N	✓		✓						B	45cm		✓			DB
021	2+50 M	1230 M	55% organic V/Rocky		N	✓								A/B	35cm		✓			BLK
022	3+00 M	1220 M	50% organic V/Rocky, cliffed out		N	✓		✓						A/B	30cm		✓			BLK
023	3+50 M	1200 M	10% ang. frag. V/Rocky		N	✓		✓						A/B	30cm		✓			DB
024	4+00 M	[illegible] M	V/Rocky "		N	✓		✓						A/B	[illegible]		✓			[illegible]

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: 152 — Results Plotted By: _____

Area (Grid): Wolf Area EYE CLAIMS — Map: _____ N.T.S.: _____

Collectors: Grant Hagy / Jason Miller — Date July 8/90

Sample Number M.11.1.152	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top SIDE	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
C-025	4+50M	1200M	V/Rocky		N	✓		✓						A/B	40cm			✓			DB
026	5+00M	1200M	V.SS "NO SAMPLE" V/Rocky		N	✓		✓										✓			
027	5+50M	1200M	15% area flag. V/Rocky		N	✓		✓						B	30cm			✓			DB
028	6+00M	1190M	10% org flag.		N	✓		✓						B	35cm	✓					RB
029	0+00M	1100M	15% area. low hills side. V/Rocky		S				✓					B	30cm			✓			RB
030	0+50M	1090M	hilly side, boring numerous		S			✓						A	25cm			✓			BLK
031	1+00M	1100M	hilly side 10% org. flag		S				✓					C	30cm	✓					LTBR
032	1+50M	1100M	5% area flag		S			✓						C	20cm	✓					RB
033	2+00M	1100M	steep side of gentle hillside		S			✓						C	25cm	✓					RB
034	2+50M	1100M	1.5m above ridge		S			✓						C	25cm	✓					RB
035	3+00M	1100M	contour above ridge		S			✓						C	25cm	✓					RB
036	3+50M	1100M			S			✓						C	30cm	✓					RB
037	start at creek	3490'	80 organic 10 clay 10 silt		E			✓					✓	H	37cm			✓	✓		DB
038	0+50M	3500'	50 organic 40 silt 10 clay		E			✓					✓	A	35cm			✓	✓		BLK
039	1+00M	3485'	10 clay 40 silt 50 organic		E			✓					✓	A	45cm			✓	✓		BLK
040	1+50M	3520'	20 clay 40 organic 40 silt		E			✓					✓	A	35cm			✓	✓		BLK
041	2+00M	3510'	10 organic 5 clay 80 sand		E			✓					✓	B	10cm	✓				✓	LTB
042	2+50M	3505'	5 clay 5 organic 90 silt		E			✓						B	25cm	✓		✓			RdBr
043	3+00M	3500'	10 organic 10 clay 80 silt		E			✓						B	20cm	✓		✓			RB
044	3+50M	3505'	10 organic 5 clay 10 sand 35 silt		E				✓					B	20cm	✓		✓			RB
045	4+00M	3510'	5 organic 20 sand 75 silt		E				✓					B	20cm	✓		✓			LTB
046	4+50M	3490'	15 clay 85 organic		E				✓					A	35cm		✓	✓			BLK
047	5+00M	3485'	25 organic 60% silt 15 clay		E				✓					A	35cm		✓	✓			BLK
048	5+50M	3490'	50 organic 10 clay 10 silt 40 sand		E				✓					B	25cm	✓		✓			RB
049	6+00M	3505'	5 organic 5 clay 10 sand 80 silt		E				✓					B	25cm	✓		✓			RB
050	6+50M	3500'	5 organic 10 sand 10 clay 40 silt 35 sand		E				✓					B	30cm	✓		✓			RB
051	7+00M	3505'	10 silt 5 organic 5 clay 40 silt 35 sand		NE				✓					B	30cm	✓		✓			RB
052	7+50M	3515'																			

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: 152 — Results Plotted By: _____

Area (Grid): WOLF AREA "AXE CLAIMS" — Map: _____ N.T.S.: _____

Collectors: GRANT NAGY & JASON MILLER — Date July 8/90

Sample Number 90-NW-152	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
S-053	8+00M	3490'	10 org. fine. 10 organic 40 sand 40 silt		NE				✓					B	20cm	✓			✓	RB
054	8+50M	3510'	5 org. fine. 10 organic 45 sand 40 silt		NE				✓					B	25cm	✓			✓	RB
055	9+00M	3520'	10 org. fine. 10 organic 40 sand 40 silt		NE				✓					B	25cm	✓			✓	RB
056	9+50M	3520'	10 org. fine 10 organic 40 sand 40 silt		NE				✓					B	25cm	✓			✓	RB
057	10+00M	3520'	30 org. fine 5 organic 5 sand 60 silt		NE				✓					B	25cm	✓			✓	RB
058	10+50M	3520'	20 org. fine 5 organic 75 silt		NE				✓					B	35cm	✓			✓	RB
059	11+00M	3500'	10 organic 10 clay 20 org. fine 60 silt		NE				✓					B	25cm	✓			✓	RB
060	11+50M	3520'	5 organic 5 sand 10 clay 10 org. fine 70 silt		N				✓					B	25cm	✓			✓	DB
061	12+00M	3510'	50 org. fine 10 silt 5 organic 35 sand		N				✓					B	35cm	✓			✓	DB
062	12+50M	3520'	15 organic 40 org. fine 5 clay 10 silt 30 sand		N				✓					B	30cm		✓		✓	DB
063	13+00M	3520'	20 org. fine 10 sand 5 organic 65 silt		N				✓					B	30cm	✓			✓	RB
064	13+50M	3520'	10 organic 10 clay 30 org. fine 50 silt		N				✓					B	30cm		✓		✓	MB
065	14+00M	3505'	10 clay fine 20 sand 5 organic 5 clay 10 silt		N				✓					B	30cm	✓			✓	MB
066	14+50M	3500'	15 clay 10 organic 10 org. fine 10 silt 55 sand		N				✓					B	25cm		✓		✓	DB
067	15+00M	3500'	50 org. fine 5 organic 5 silt 40 sand		N				✓					B	35cm		✓		✓	DB
068	15+50M	3500'	10 sand fine 30 gravel 10 clay 20 silt 40 sand		N				✓					B	30cm	✓			✓	DB
069	16+00M	3500'	40 org. fine 30 sand 20 clay 20 silt		N				✓					B	35cm	✓			✓	RB
070	16+50M	3500'	25 gravel 10 silt 65 sand		N				✓					B	30cm	✓			✓	DB
071	17+00M	3500'	50 gravel 10 org. fine 10 silt 30 sand		N				✓					B	30cm		✓		✓	ERI
072	17+50M	3500'	30 org. fine 20 silt 5 silt 5 organic 10 sand		N				✓					B	25cm		✓		✓	DB
073	18+00M	3500'	20 org. fine 40 gravel 10 silt 5 organic 25 sand		N				✓					B	35cm		✓		✓	DB
074	18+50M	3510'	20 org. fine 20 gravel 30 silt 20 sand 10 organic		N				✓					B	30cm		✓		✓	LTB
075	19+00M	3500'	30 org. fine 10 clay 10 sand 5 organic 50 silt		N				✓					B	40cm		✓		✓	DB
076	19+50M	3490'	30 org. fine 10 clay 10 gravel 10 sand 30 silt		N				✓					B	15cm		✓		✓	DB
		* NOTE	CREEK at 3480'!!																	

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: 152

Area (Grid): WOLF AREA "AXE CLAIMS"

Collectors: GRANT NAGY

Results Plotted By:

Map: N.T.S.:

Date: July 10/90

Sample Number	Sample Location		Notes	Topography				Vegetation						Soil Data						
	Line	Station		Valley Bottom	Direction of slope	Hillside (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
077 90-NN-152-S	0+00 M	5500'	5 ang. fr. 15 og 60 silt 20 sand		E	✓						✓		B	25cm	✓			✓	MB
078	0+50 M	5440'	20 ang. fr. 20 og 40 silt 20 sand		E	H.S.						✓		B	20cm		✓		✓	MB
079	1+00 M	5440'	10 ang. fr. 10 og 40 silt 40 sand		E	H.S.						✓		B	25cm	✓			✓	MB
080	1+50 m	5410'	H.S. Tallis Slide		E	✓														
081	2+00 m	5400'	50 ang. fr. 50 sand Tallis		E	✓						✓		B	15cm		✓		✓	RB
082	2+50 m	5460'	50 ang. fr. 50 sand Tallis		S	✓						✓		B	25cm		✓		✓	MB
083	3+00 m	5400'	H.S. Tallis		S	✓														
084	3+50 m	5360'	50 ang. fr. 50 sand		S	✓						✓		B	15cm		✓		✓	MB
085	4+00 m	5400'	40 ang. fr. 50 sand 10 og		S	✓						✓		B	15cm		✓		✓	RB
086	4+50 m	5400'	50 ang. fr. [illegible] sand 10 silt		S	✓						✓		B	20cm	✓			✓	RB
087	5+00 m	5400'	30 ang. fr. 35 sand 35 silt		SE	✓						✓		B	20cm	✓			✓	RB
088	5+50 m	5400'	20 ang. fr. 40 silt 10 sand 10 clay 20 og		SE	✓						✓		B	20cm		✓		✓	DB
089	6+00 m	5400'	40 ang. fr. 40 sand 10 silt 10 og		SE	✓						✓		B	25cm	✓			✓	RB
090	6+50 m	5400'	25 ang. fr. 40 silt 20 sand 15 og		SE	✓						✓		A	15cm		✓		✓	DB
091	7+00 m	5400'	30 ang. fr. 40 sand 20 silt 10 og		SE	✓						✓		B	15cm		✓		✓	LB
092	7+50 m	5400'	15 og 10 clay 10 sand 35 silt 30 ang frag		SE	✓						✓		B	20cm		✓		✓	DB
093	8+00 m	5400'	20 ang frag 40 gravl 40 sand		SE	✓						✓		B	20cm		✓		✓	DB
094	8+50 m	5400'	25 ang frag 10 og 30 sand 15 gravl 30 silt		SE	✓						✓		B	20cm		✓		✓	DB
095	9+00 m	5400'	20 ang frag 20 og 30 sand 30 silt		SE	✓						✓		A	20cm		✓		✓	DB
096	9+50 m	5400'	25 ang. frag 20 gravl 35 sand 10 og 10 silt		SE	✓						✓		B	25cm		✓		✓	DB
097	10+00 m	5440'	10 ang. frag 5 og 40 sand 20 gravl 20 silt		SE	✓						✓		B	20cm	✓			✓	RB
098	10+50 m	5400'	20 frag. 80 ang. frag 10 sand 50 silt		SE	✓						✓		A	5cm		✓		✓	DB
099	11+00 m	5400'	10 og 25 ang frag 20 sand 45 silt		SE	✓						✓		B	20cm		✓		✓	DB
100	11+50 m	5380'	15 og 25 ang frag 40 sand 20 silt		SE	✓						✓		B	20cm	✓			✓	LB
101	12+00 m	5400'	15 og 20 ang. frag 40 sand 25 silt		SE	✓						✓		B	20cm		✓		✓	DB
102	12+50 m	5400'	10 grvl 10 og 10 clay 30 ang frag 20 sand 20 silt		SE	✓						✓		B	15cm		✓		✓	MB
103	13+00 m	5400'	10 frag 10 gravl 10 ang frag 10 silt 20 clay		SE	✓						✓		A	30cm		✓		✓	BLK
104	13+50 m	5400'	30 og 20 ang. frag 30 silt 20 sand		SE	✓						✓		B	20cm		✓		✓	LB
105	14+00 m	5400'	10 og 20 ang. frag 40 sand 30 silt		SE	✓						✓		B	30cm	✓			✓	[illegible]

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: 152

Area (Grid): Wolf Area Axe Claims

Collectors: GRANT NAGI

Results Plotted By: _____

Map: _____ N.T.S.: _____

Date July 14/90

Sample Number 90-WN-152	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top / Mid Slope	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
106	14+50m	5400'	15 org 20 org frag 30 silt 35 sand		SE	✓						✓		B	20cm		✓		✓	LB
107	15+00m	5400'	5 org 15 org frag 10 gravel 40 silt		SE	✓						✓		B	30cm	✓			✓	LB
108	0+00m	5400'	40 silt 50 sand 10 org frag		S	✓						✓		B	20cm	✓			✓	RB
109	0+50m	5400'	40 gravel 40 sand 20 org frag		E	✓						✓		B	20cm	✓			✓	MB
110	1+00m	5400'	30 silt 40 sand 10 org 20 org. frag		E	✓						✓		B	25cm	✓			✓	MB
111	1+50m	5400'	25 silt 50 sand 5 org 20 org frag		E	✓						✓		B	20cm	✓			✓	RB
112	2+00m	5400'	20 silt 40 sand 10 org 30 org frag		E	✓						✓		B	25cm	✓			✓	RB
113	2+50m	5400'	20 silt 40 sand 40 org frag		E	✓						✓		B	25cm		✓		✓	RB
114	3+00m	5400'	30 silt 50 sand 20 org frag		E	✓						✓		B	25cm	✓			✓	MB
115	3+50m	5400'	30 silt 40 sand 30 org frag		W	✓						✓		B	25cm		✓		✓	DB
116	4+00m	5400'	20 silt 40 sand 40 org. frag		W	✓						✓		B	30cm		✓		✓	DB
117	4+50m	5400'	20 silt 30 sand 20 org 30 org frag		W	✓						✓		B	30cm		✓		✓	DB
118	5+00m	5380'	30 silt 30 sand 20 org 20 org frag		W	✓						✓		B	30cm		✓		✓	DB
119	5+50m	5380'	20 silt 30 sand 20 org 30 org frag		W	✓						✓		B	25cm		✓		✓	MB
120	6+00m	5400'	20 silt 40 sand 40 org frag		W	✓						✓		B	20cm	✓			✓	DB
121	6+50m	5400'	30 silt 30 sand 20 org 20 org frag		W	✓						✓		B	25cm	✓			✓	MB
122	7+00m	5400'	40 silt 30 sand 10 org 20 org frag		W	✓						✓		B	25cm	✓			✓	MB
123	7+50m	5400'	30 silt 35 sand 15 org 20 org frag		W	✓						✓		B	25cm	✓			✓	RB
124	8+00m	5400'	40 silt 40 sand 20 org frag		W	✓						✓		B	20cm	✓			✓	DB
125	8+50m	5400'	45 silt 45 sand 20 org frag		W	✓						✓		B	15cm	✓			✓	RB
126	9+00m	5400'	5 org sand 50 silt 30 sand 10 org 10 org frag		W	✓						✓		B	25cm	✓			✓	MB
127	9+50m	5400'	25 silt 40 sand 10 org 25 org. frag		W	✓						✓		B	20cm	✓			✓	DB
128	10+00m	5410'	50 sand 50 org frag		W	✓						✓		B	25cm		✓		✓	LB
129	10+50m	5400'	30 silt 30 sand 10 org 30 org. frag		W	✓						✓		B	25cm	✓			✓	DB
130	11+00m	5400'	30 silt 30 sand 10 org 30 org. frag		W	✓						✓		B	25cm	✓			✓	DB
131	11+50m	5400'	30 silt 30 sand 20 org 20 org frag		W	✓						✓		B	20cm	✓			✓	DB
132	12+00m	5400'	50 sand 50 org frag Talus Slide		W	✓						✓		B	30cm		✓		✓	DB
133	12+50m	5400'	10 silt 50 sand 40 org frag		W	✓						✓		B	25cm		✓		✓	DB
134	13+00m	5400'	10 silt 50 sand 40 org frag		W	✓						✓		B	30cm		✓		✓	DB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: 152 — Results Plotted By: _____

Area (Grid): WOLF AREA "AXE CLAIMS" — Map: _____ N.T.S.: _____

Collectors: GRANT NAGY — Date JULY 14/90

Sample Number 90-NN-152	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: High Top Hill/Ridge	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
135	13+50 M	5400'	20 silt 50 sand 30 ang. frag Talus Slide		W	✓						✓		B	25cm		✓		✓	DB
136	14+00 M	5400'	20 silt 50 sand 30 ang frag		W	✓						✓		B	20cm	✓			✓	DB
137	14+50 M	5400'	30 silt 40 sand 30 ang frag		W	✓						✓		B	20cm	✓			✓	DB
138	15+00 M	5400'	30 silt 40 sand 30 ang frag Talus Slide		W	✓						✓		B	20cm		✓		✓	DB
			NXT. 100M SNOW CAP!!																	

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Ascot #152 — Results Plotted By: _____

Area (Grid): _____ — Map: _____ N.T.S.: _____

Collectors: Trevor Shepherd / Corey — Date: July 1990

A angular
SA sub angular
SR Sub rounded
R Rounded.

Sample Number	Sample Location: Elev. meters / Line	Sample Location: meters, 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
	Continuing from 9001525-031																			
9001525																				
032	1600m	0+90	Silt/clay/frag 40/30/30 A		NE							✓		B	40		✓		✓	MB
033	1600	1+50	Silt/org/frag 50/30/20 A		NE							✓		B	45		✓		✓	DB
034	1600	2+00	Silt/sand/frag 40/30/30 A		SE							✓		B	30		✓		✓	MB
035	1600	2+50	Silt/org/sand 40/30/30 A		3D							✓		B	30		✓		✓	DB
036	1600	3+00	Silt/org/sand 30/50/20 A		N							✓		A	30		✓		✓	DB
037	1600	3+50	Silt/org/sand 30/40/30 A		N							✓		A	30		✓		✓	DB
039	1600	4+00	Silt/sand/org 30/50/20 A		N							✓		A	40		✓		✓	DB
040	1600	4+50	Silt/org/frag 30/40/30 A		N							✓		A	40		✓		✓	DB
041	1600	5+00	silt/clay/frag 60/20/20 A		N							✓		A	40	✓			✓	LB
042	1600	5+50	Silt/clay/org 50/20/30 A		N							✓		B	30	✓			✓	ORB.
043	1600	6+00	clay/sand/silt/frag 40/30/30 A		150							✓		B	30	✓			✓	LB
044	1600	6+50	clay/sand/silt/frag 40/30/30 A		150							✓		B	30	✓			✓	LB
045	1600	7+00	clay/sand/silt/frag 20/30/40 30 A		150							✓		B	30	✓			✓	LB
046	1600	7+50	silt/sand/frag 60/20/20 A		150							✓		B	30	✓			✓	MB
047	1600	8+00	silt/clay/sand/frag 40/20/20/20 A		150							✓		B	30	✓			✓	LB
048	1610	8+50	Silt/sand/org 50/20/30 A		110							✓		B	30	✓			✓	MRB
049	1610	9+00	Silt/sand/frag 50/20/30		110							✓		tall	vs				✓	MB
050	1610	9+40	Silt/sand/clay 40/30/30		110							✓		tall	vs				✓	MB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Ascot # 152

Area (Grid):

Collectors: Trevor Shephard / Grant Nonc.

Results Plotted By: T.S.

Map: N.T.S.:

Date July 1990.

Sample Number (previous)	Sample Location: Elev. metres	Sample Location: metric Station	Notes (A Angular Grav., SA Sub Ang., SR Sub Rnd., R Rnd.)	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
008	1585	0+00	Silt/Grav/org 50/50		E							✓		A	30		✓		✓	MB.
009	1585	0+50	Silt/Grav/org 50/50 A		E							✓		B	35	✓			✓	MB.
010	1590	0+75	Silt/Grav 50/50 A		E		Level	Dense	Vegetation			✓		Talus					✓	LB
011	1590	1+00	Silt/Grav/clay 70/15/15		E							✓		Talus	fine				✓	MB
012	1590	1+50	Silt/sand/Grav		E							✓		A	20		✓		✓	Black
013	1590	2+00	Silt/sand/clay 60/20/20		E							✓		B	20	✓			✓	MB
014	1590	2+44	Silt/Grav/clay 40/30/30									✓		outcrop crevice					✓	LB/hollow
015	1590	3+00	Silt/clay/Grav 60/20/20									✓		Talus	fine				✓	MB
016	1590	3+50	Silt/Grav/sand 20/60/20									✓		B	30		✓		✓	DB
017	1575	4+00	Silt/Grav 50/50									✓		B	30	✓			✓	DB
018	1575	4+50	Silt/Grav/org 20/30/50									✓		C	35		✓		✓	DB
019	1575	5+00	Silt/Grav/org 30/30/40									✓		A	20		✓		✓	DB
020	1575	5+50	Silt/clay/Grav 30/40/30									✓		B	30	✓			✓	DB
021	1575	6+00	Silt/org/sand 60/30/10									✓		B	20	✓			✓	LB
022	1575	6+50	Silt/sand/clay/org 40/40/10/10									✓		B	10	✓			✓	DB
023	1570	7+00	Silt/sand/Grav/org 30/40/20/10									✓		B	20	✓			✓	DB
024	1570	7+50	Silt/clay/sand/org 40/30/20/10									✓		B	25	✓			✓	LB/B
025	1575	8+00	Silt/org/sand 60/20/20									✓		A	30	✓			✓	LB
026	1575	8+50	Silt/clay/org 60/20/20									✓		B	30	✓			✓	LB
027	1580	9+00	Silt/clay/org 60/20/20									✓		B	25	✓			✓	L/Grey
028	1580	9+50	Silt/clay/org 60/20/20									✓		B	25		✓		✓	LB
029	1580	10+00	Silt/clay/org 60/20/20									✓		B	25	✓			✓	LB
030	1580	10+50	Silt/sand/org 60/20/20									✓		B	25	✓			✓	L/Grey
031	1580	11+00	Silt/org 70/30									✓		B	25	✓			✓	LB
032	1580	11+50	Silt/Grav/org 50/40/10									✓		B	10	✓			✓	DB
033	1580	12+00	Silt/sand/Grav 60/30/10									✓		B	20	✓			✓	DB/B
034	1575	13+00	Silt/clay/Grav 50/30/20									✓			30	Talus				LB
035	1580	13+60	Silt/clay/Grav 60/20/20									✓			20	Talus				LB
036	1580	14+00	Silt/clay/Grav 50/30/20									✓		B	20	✓			✓	DB
037	1580	14+50	Silt/sand/Grav/org 40/30/20/10									✓		B	20	✓			✓	MB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Accot # 152

Area (Grid):

Collectors: Trevor Shephard / Grant Noss

Results Plotted By: T.S.

Map: N.T.S.:

Date July 1990

Notes A - Angular Grag.
SA, sub angular
SR sub rounded
R rounded.
{Grags desc'ip.}

Sample Number 90V152S	Sample Location: Elev meters	Sample Location: meters Station	Grags desc'ip.	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
038	1580	15+00	Silt/Grag/clay 30/20/10 A		E							✓		B	20	✓			✓	MRB
039	1570	15+50	Silt/sand/Grag 50/clay/10 A		E							✓		B	25	✓			✓	
040	1640	Axe claims	silt/sand/clay 30/30/40 A		N				talus	Side					10	✓			✓	MB.
			New line on Axe 69-70																	
041	1650	0+00	silt/sand/Grag 50/30/20 A		W							✓		B	30	✓			✓	LB
042	1650	0+50	silt/sand/Grag 60/20/20 A		W							✓		B	25	✓			✓	MB
043	1645	1+00	silt/sand/Grag 30/50/20 A		W							✓		B	30	✓			✓	MB
044	1645	1+50	silt/sand 50/50 A		W							✓		B	20	✓			✓	MRB
045	1645	2+00	silt/sand/Grag 50/20/30 A		W							✓		B	20	✓			✓	MRB
046	1640	2+50	silt/sand/Grag 40/40/20 SR		W							✓		B	35	✓			✓	LRB
047	1640	3+00	silt/sand/Grag 30/40/30 SA		W							✓		B	30	✓			✓	LB
048	1630	3+50	silt/sand/Grag 40/30/30 SA		W							✓		B	25	✓			✓	LB
049	1635	4+00	silt/sand 80/20 SA		W							✓		B	30	✓			✓	DRB.
050	1635	4+50	silt/clay/Grag 40/30/30 A		W							✓		B	25	✓			✓	DB
051	1640	5+00	silt/sand/Grag 30/40/40 SA		W							✓		B	15	talus			✓	DB.
052	1630	5+50			N							✓		B	20	✓			✓	MRB
053	1630	6+00	silt/sand/Grag 50/30/20 A		N							✓		B	20	✓			✓	MRB
054	1630	6+50	silt/sand/Grag 50/30/20 A		N							✓		B	30	✓			✓	MB
055	1630	7+00	silt/sand/Grag 30/50/20 A		E							✓		B	10	to Nus.			✓	MRB.
056	1630	7+50	silt/Grag 50/50 A		S							✓		B	15	to Nus			✓	Block
057	1630	8+50	silt/Grag 50/50 A		S							✓		B	10	to Nus.			✓	DB.
058	1610	9+00	silt/Grag 50/50 A		W							✓		B	10	✓			✓	DB
059	1610	9+50	silt/sand/clay/Grag 50/20/30/10 A		W							✓		B	20	✓			✓	LRB
060	1630	10+00	silt/sand/clay/Grag 50/20/20/10 A		W							✓		B	20	✓			✓	MRB
061	1630	10+50	silt/clay/Grag 50/30/20 A		W							✓		B	30	✓			✓	MRB
062	1630	11+00	silt/clay 40/60 A		W							✓		A	30	✓			✓	Block
063	1630	11+50	silt/sand/Grag 50/30/20 A		W							✓		B	20	✓			✓	MRB
064	1630	12+00	silt/sand/Grag 50/30/20 A		W							✓		B	30	✓			✓	MRB
065	1620	12+70	silt/clay/Grag 40/40/20 A		W							✓		B	20	✓			✓	LB
	1620		silt/sand/Grag 50/30/20 A		W							✓		C	30	✓			✓	

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Ascot #152 — Results Plotted By: T.S.

Area (Grid): — Map: — N.T.S.:

Collectors: Trevor Shephard. — Date July 1990

A angular
SA sub angular
SR sub rounded
R rounded

Sample Number 90V1525	Sample Location: Elev. meters ~~time~~	Sample Location: meters 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
067	1620	13+60	Silt/org/Gray 50/30/20 A		W							✓		B	30	✓			✓	DB
068	1620	14+00	silt/org 50/50 A		W							✓		A	20		✓		✓	DB
069	1625	14+50	Silt/Gray 50/50 A		W							✓		B	35	✓			✓	MB
070	1625	15+00	Silt/Gray 50/50 A		W							✓			25	tallus			✓	DB
071	1620	15+50	Silt/clay/Gray 50/30/40 A		W							✓		B	20	✓			✓	MR
072	1620	16+00	Silt/Sand/Gray 50/30/20 A		W							✓		B	20	✓			✓	MB
073	1610	17+00	Silt/Sand/org 40/20/30 A		W							✓		B	20		✓		✓	MB
074	1610	17+50	Silt/Gray 50/50 A		W							✓			35	tallus			✓	MB
075	1610	18+50	Silt/Sand/Gray 50/40/10		W							✓		B	5	✓			✓	MB
076	1610	19+00	Silt/Gray/org 50/20/30 A		W							✓		B	35		✓		✓	DB
New line above old line																				
077	1760	0+00	Silt/Sand/Gray 40/30/30 SA		W							✓			10	tallus			✓	LB
078	1760	0+50	Silt/org/Gray 20/40/40 SR		W							✓		A	35		✓		✓	DB
079	1760	1+00	Silt/Sand/Clay 40/20/40 SR		W							✓			10	✓	tallus		✓	MB
080	1760	1+50	Silt/org/Gray 30/50/20		W							✓		A	30		✓		✓	DB
081	1760	2+00	Silt/clay/Gray 30/20/50 SA		W							✓		B	35	✓			✓	LB
082	1760	2+50	Silt/Sand/Gray 50/20/30		W							✓		B	30	✓			✓	MR
083	1760	3+00	Silt/Sand/Gray 40/30/30 SA		W							✓		B	15		✓		✓	MB
084	1760	3+50	Sand/Sand 50/50		N							✓		B	20	✓			✓	MB
085	1760	4+00	Silt/org/Gray 40/40/30 A		N							✓		B	20	✓			✓	DB
086	1760	4+50	Silt/org/Gray 50/40/10 SA		N							✓		B	20	✓			✓	MB
087	1760	5+00	Silt/org/Gray 60/20/20		N							✓		B	20	✓			✓	MB
088	1760	5+50	Silt/org/Gray 30/40/40 A		N							✓		B	25		✓		✓	DB
089	1760	6+00	Silt/org/Gray 70/20/10 A		N							✓		B	30	✓			✓	DB
090	1760	6+50	Silt/Sand/Gray 50/20/30 A		N							✓			10	tallus			✓	MR
091	1760	6+77	Silt/Gray 50/50 A		N							✓		tallus					✓	MR
092	1760	7+50	Silt/Sand/Gray 30/50/20 SA		W							✓		good	tallus					MB
093	1760	8+00	Silt/Sand/clay 50/20/30 A				✓					✓			10	tallus			✓	MB
094	1760	8+50	Silt/Sand/clay 50/20/30 A				✓					✓			10	tallus			✓	MB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Ascot #152 — Results Plotted By: T.S.

Area (Grid): — Map: — N.T.S.: —

Collectors: Trevor Shephard — Date: July 1990

A angular
SA sub angular
SR sub rounded
R rounded

Sample Number 90V152S	Sample Location: Elev. meters	Sample Location: meters 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
095	1760	9+00	silt/clay/sand/frag 60/20/10/10 A				✓					✓		B	10	✓			✓	MRB
096	1760	9+50	silt/sand/frag 20/60/20 A				✓					✓			15	tal/us			✓	MB
097	1760	10+00	silt/sand/clay 40/40/20 A				✓					✓			15	tal/us			✓	MRB
098	1760	10+50	silt/sand/clay 60/20/20 A				✓					✓		B	15	✓			✓	MRB
099	1760	11+00	silt/clay/sand 60/20/20 A				✓					✓		B	20	✓			✓	MRB
100	1760	11+50	silt/clay/sand 50/20/30 A				✓					✓		B	10	✓			✓	MRB
101	1760	12+00	silt/sand/clay 30/50/20 A				✓					✓		B	15	✓			✓	MB
102	1760	12+50	silt/sand/frag 60/20/20 A				✓					✓		B	10	✓			✓	MRB
103	1750	13+00	silt/sand/frag 60/30/10 A				✓					✓		B	10	tal/us			✓	DB
104	1750	13+50	silt/clay/frag 10/70/20 SR-A				✓					✓		1	15	tal/us			✓	
105	1740	14+00	silt/sand/frag 40/50/10 A				✓					✓			10	tal/us			✓	DRB
106	1740	14+50	silt/sand/frag 60/20/20 A				✓					✓			10	tal/us			✓	MB
107	1740	15+00	silt/sand/frag 60/20/20 A				✓					✓		B	15	✓			✓	MB
108	1730	15+50	silt/clay/org 60/20/20 A		W							✓		B	20		✓		✓	DB
109	1735	16+00	silt/clay 80/20 A		W							✓		B	20	✓			✓	MB
110	1740	16+50	silt/clay 50/50 A		W							✓		B	15	✓			✓	MB
111	1740	17+00	silt/sand/frag 30/50/20 A		W							✓		B	15	✓			✓	MB
112	1740	17+50	silt/sand/frag 50/20/30 A		N							✓			15	tal/us			✓	MB
113	1740	18+00	silt/clay/sand 60/20/20 A		N							✓			15	tal/us			✓	MRB
114	1740	18+50	silt/sand/clay 60/20/20 A		N							✓		B	15	✓			✓	MRB
115	1740	19+00	silt/clay/frag 60/20/20 A		N							✓			20	tal/us			✓	MB
116	1750	19+50	silt/clay/frag 60/20/20 A		N							✓			20	tal/us			✓	MB
117	1750	20+00	silt/frag 50/50 A		N							✓		B	20	✓			✓	MRB
118	1750	20+50	silt/clay/frag 50/20/30 A		N							✓			30	✓	tal/us		✓	DB
119	1760	21+00	silt/clay/frag 70/20/10 A		N							✓		B	30	✓			✓	DB
120	1760	21+50	silt/sand 70/30 A		N							✓		B	10	✓			✓	DB
121	1770	22+00	silt/clay/frag 60/20/20 A		NW							✓			20	tal/us			✓	MB
122	1770	22+50	silt/clay 30/70 A		W							✓			20	tal/us			✓	DB
123	1770	23+00	silt/clay 30/70 A		W							✓			25	tal/us			✓	MB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Ascot #152 — Results Plotted By: TLS

Area (Grid): — Map: — N.T.S.: —

Collectors: Trevor Shephard. — Date: July 1990

A angular
SA subangular
SR subrounded
R rounded.

Sample Number 90V152S	Sample Location: Elev. meters.	Sample Location: meters 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
124	1770	23+50	Silt/sand/clay 50/30/20 A		W							✓			10	fa	lus		✓	MB
125	1770	24+00	Silt/sand/clay 50/30/20 A		W							✓			10	fa	lus		✓	MB
126	1770	24+50	Silt/sand/clay 50/30/20 A		W							✓			40	fa	lus		✓	DB
127	1770	25+00	Silt/sand/clay 20/50/30 A		SW							✓			20	fa	lus		✓	MB
128	1770	25+50	Silt/sand/clay 20/60/20 SR		SW							✓			15	fa	lus		✓	MB
129	1770	26+00	Silt/sand/clay 20/60/20 SR		SW							✓			15	fa	lus		✓	MB
130	1770	26+50	Silt/sand/clay/[illegible] SA		SW							✓			20	fa	lus		✓	DB
131	1770	27+00	Silt/sand/clay SA		W							✓			10	fal	vs		✓	DB
132	1760	27+50	Silt/sand/clay A		W							✓			10	fal	vs		✓	DB
133	1760	28+00	Silt/sand/clay A		W							✓			10	fa	lus		✓	DB
134	1760	28+50	Silt/sand/clay 60/30/20 A		W							✓			10	fal	vs		✓	DB
135	1760	29+00	Silt/sand/clay A		W							✓		B	20	✓			✓	DRB
136	1750	29+50	Silt/clay/clay 50/30/20 A		W							✓		B	20	✓			✓	LB
137	1750	30+00	Silt/clay/clay 60/30/10 A				✓					✓		B	25	✓			✓	LB
138	1750	30+50	Silt/sand 60/20 A		NW							✓		B	25	✓			✓	MRB
139	1760	31+00	Silt/sand/clay 30/20/50 SA		NW							✓		B	20		✓		✓	MB
140	1760	31+50	Silt/clay 20/20 A				✓					✓		B	20	✓			✓	MRB
141	1770	32+00	Silt/sand/clay 30/60/10 A		W							✓		B	20	✓			✓	MB
142	1770	32+50	Silt/sand/clay 50/20/30 A				✓					✓		B	20	✓			✓	MRB
143	1760	33+00	Silt/clay/sand 50/20/30 A				✓					✓		B			✓		✓	MB
144	1760	33+50	Silt/sand/clay 10/60/30 SA				✓					✓		B	20	✓			✓	MB
145	1760	34+00	Silt/sand 50/50 A				✓					✓		B	15	✓			✓	[illegible]
146	1770	34+50	Silt/sand 50/50				✓					✓		B	25	✓			✓	MRB
147	1770	35+00	Sand [illegible]				✓					✓		B	30		✓		✓	GLG
148	[illegible]	35+50	[illegible]				✓					✓		B	20	✓			✓	MRB
149	1760	36+00	[illegible] A				✓					✓		B	30	✓			✓	MRB
150	[illegible]	[illegible]	Silt/sand 50/30				✓					✓		B	20	✓			✓	LRB
[illegible]	[illegible]	37+00	Silt/[illegible] SA		N							✓		B	20	✓			✓	MB
[illegible]	[illegible]	37+50	[illegible] A				✓					✓		B	20	✓			✓	MB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Ascot #152 **Results Plotted By:** T.S.

Area (Grid): **Map:** **N.T.S.:**

Collectors: Trevor Shephard **Date** July 1990 / August

Sample Number 90V1525	Sample Location: Elev. meters ~~Elev~~	Sample Location: meters 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 Sampled	Soil Data: Horizon Development Good	Soil Data: Horizon Development Poor	Soil Data: Parent Material Drift	Soil Data: Parent Material Bedrock	Soil Data: Colour
153	1760	38+00	silt/sand 50/50		N							✓		B	20	✓			✓	MB
154	1760	38+50	silt/sand/org 60/20/20 A		N							✓		B	15	✓			✓	MB
155	1740	39+00	silt/sand/org 60/20/20 A		N							✓		B	15	✓			✓	MB
156	1740	39+50	silt/sand/org 60/20/20 A		N							✓		B	20	✓			✓	MB
157	1740	40+00	silt/sand/org 60/20/20 A				✓					✓		B	20		talus			DB
158	1740	40+50	silt/sand/org 60/20/20 A				✓					✓		B	15		talus		✓	DB
	New line or		South Wolf Plateau																	
159	1525	0+00	silt/sand/org 20/40/40 A		70							✓		B	20	✓			✓	LB
160	1525	0+50	silt/sand/org/Gravel 20/40/40 A		70							✓		B	20	✓			✓	MB
161	1525	1+00	sand/org/Gravel 10/10/80 A		70							✓		B	15		✓		✓	DB
162	1525	1+50	silt/sand/org/Gravel 20/20/10/40 A		70							✓		B	15	✓			✓	MB
163	1520	2+00	silt/sand/org/Gravel 10/40/20/30 A		70							✓		B	35	✓			✓	LB
164	1515	2+50	sandy silt w/ with org. A		70							✓		B	20	✓			✓	MRB
165	1510	3+00	sandy silt with org A		70							✓		B	35		✓		✓	MB
166	1515	3+50	silt/org/Gravel 70/20/10 A		70							✓		B	15	✓			✓	MB
167	1520	4+00	Sandy silt w. 10% org A		310							✓		B	25	✓			✓	LRB
168	1515	4+50	" " " A		310							✓		B	15	✓			✓	MRB
169	1520	5+00	" " "		340							✓		B	15	✓			✓	LB
170	1520	5+50	sandy silt A		340							✓		B	15	✓			✓	MRB
171	1510	6+00	Sandy silt w Some org A		300							✓		B	20	✓			✓	LRB
172	1510	6+50	sandy silt w 10% org A		350							✓		B	20	✓			✓	LRB
173	1520	7+00	Sandy silt w 10% org A		350							✓		B	15	✓			✓	MRB
174	1520	7+50	silt/sand/org w 10% org A		350							✓		B	20	✓			✓	MRB
175	1520	8+00	highly organic w 10% silt A		260							✓		B	20		✓		✓	DB
176	1520	8+50	sandy silt w 10% org A		260							✓		B	15	✓			✓	MRB
177	1520	9+00	Sandy silt w 10% org A		260							✓		B	20	✓			✓	DB
178	1520	9+70	silty rocky clay soil A		260							✓		B	20		✓		✓	DB
179	1540	10+20	silt/sand 10% clay 10% org A		N							✓		B	20	✓			✓	DRB
	1540	10+60	sandy silt w 10% org A		N							✓		B	25	✓			✓	DB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Ascot #152 — Results Plotted By: T.S.

Area (Grid): — Map: — N.T.S.:

Collectors: Trevor Shephard / Keith Lovie — Date August 1990

A angular
SA sub angular
SR sub rounded
R rounded.

Sample Number 90VI525	Sample Location: Elev. meters	Sample Location: Meters Station	Notes (Frag descrip)		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
181	1525	11+00	Silt/Frag/org 10/10/80	A		N							✓		A	25		✓		✓	DB.
182	1525	11+50	rocky sandy silt	A		N							✓		B	20	✓			✓	MRB
183	1530	12+00	silty sandy soil smorg	A		N							✓		B	20	✓			✓	MRB
184	1530	12+50	sandy silt, rocky 10% org	A		N							✓		B	30	✓			✓	MRB
185	1530	13+00	sandy soil 5% frag org	A		250							✓		B	20	✓			✓	DRB
186	1530	13+50	sandy silt, 30% frag.	A		250							✓		B	25	✓			✓	MRB
187	1520	14+00	Silt/frag 80/20	A		250							✓		B	30	✓			✓	MRB
188	1520	14+50	sandy silt 50% frag.	A		250							✓		B	30	✓			✓	MRB
189	1520	15+00	sandy silt 10% frag			310							✓		B	30	✓			✓	LRB
190	1520	15+50	sandy-clay soil	A		210							✓			20	talus			✓	
191	1520	16+00	Silt/frag 70/30	A		210							✓		B	30	✓			✓	
192	1520	16+50	sandy silt 10% frag 10% org	A		210							✓							✓	
193	1520	17+00	Silt/frag 80/20	A		210							✓							✓	
194	1520	17+50	rocky sandy soil 50% silt	A		210							✓							✓	
195	1520	17+00	sandy silt w 20% org	A		210							✓							✓	

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Ascot #152 Results Plotted By: T.S.

Area (Grid): Map: N.T.S.:

Collectors: Trevor Shephard Date July. 1990

A angular
SA sub angular
SR sub rounded
R rounded.

Sample Number 90VI525	Sample Location: Elev. meters ~~Line~~	Sample Location: meters 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
001	1240	0+00	silt/sand/Gray 50/30/20 SA		300			✓						B	20	✓			✓	MB
002	1230	0+50	silt/sand/Grag 70/10/20 SA		300			✓						B	20	✓			✓	MRB
003	1230	1+00	silt/clay/Gray 70/20/10 SA		300			✓						B	20	✓			✓	MRB
004	1210	1+50	sand/silt/Gray 10/70/20 A		330			✓						B	30	✓			✓	MRB
005	1200	2+00	sand/silt/Gray 60/20/20 A		330			✓						B	30	✓			✓	MRB
006	1200	2+50	silt/Gray/org 50/40/10 A		330			✓						B	30	✓			✓	MRB
007	1210	3+00	silt/sand/Gray 50/30/20 SR		330			✓						B	30	✓			✓	LB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Code 152 — Results Plotted By: _____

Area (Grid): Seester Valley — Map: _____ N.T.S.: _____

Collectors: GRANT NAGY — Date SEPT 8/90

Sample Number	Sample Location: Line	Sample Location: elev. 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
S-300		1742 m	30 gvl · 30 ang frag · 40 sand/dry creek tributary too main drainage											B	60		✓		✓	DB/RB
S-301		1750 m	50 sand · 25 gvl · 25 ang frag * gossan rock fr. Seester showing		E									B	60		✓		✓	RB
S-302	1+00 m	1630 m	60 silt · 20 ag · 20 ang frag		W									A	45		✓		✓	LB
S-303	2+00 m	1630 m	40 " · 30 " · 30 " * active creek at 1+43m elev. 1630m		W							✓		A	45		✓		✓	DB
S-304	3+00 m	1630 m	30 silt · 50 ang frag · 20 ag		W							✓		A	40		✓		✓	BLK
S-305	4+00 m	1620 m	30 " · 40 " · 30 "		W							✓		A	45		✓		✓	DB
S-306	5+00 m	1630 m	60 " · 20 " · 20 "		W							✓		A	40		✓		✓	DB
S-307	6+00 m	1620 m	70 " · 30 " * sampled at base of O/C * 100m between 307-308 at elev. 1620 m NS. O/C E.O.L.		S									A	30		✓		✓	MB
S-308	7+00 m	1485 m	60 silt · 30 ang frag · 10 gvl * dropped straight down hill from elev. 1620 m for 135 m (S-308) E.O.L.		S							✓		A	30		✓		✓	MB

(1) (A)

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: AXE CLAIMS **Results Plotted By:** KEITH LOUIS + CHRIS WHALLEY

Area (Grid): **Map:** **N.T.S.:**

Collectors: KEITH LOUIS + CHRIS WHALLEY **Date** JULY 31

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
10-CL-1525-001	90 CL1525	1755	80 SAND, 10 ANG FRAG, 10 ORG.		S							✓		B	20	✓			✓	B
S-002	1785		40 SAND, 20 SILT, 20 FRAG, 20 ORG		SW							✓		B	15	✓			✓	B
S-003	1785		75 SILT, 15 ORG, 10 FRAG		SW							✓		B	30		✓		✓	GRY
S-004	1785		40 SAND, 20 FRAG, 10 ORG, 20 CLAY, 10 SILT		SW							✓		B	30		✓		✓	B
S-005	1785		40 FRAG, 30 SAND, 10 SILT, 20 GRAVEL		SW							✓		B	15		✓	✓		GRY
S-006	1785		30 FRAG, 30 SAND, 10 ORG, 10 CLAY, 20 SILT, 10 GRAVEL		SW							✓		B	30		✓	✓		B
S-007	1785		20 FRAG, 40 SAND, 20 GRAVEL, 10 SILT, 10 ORG		SW							✓		B	30		✓	✓		DB
S-008	1785		30 FRAG, 40 SAND, 20 ORG, 10 SILT		SW							✓		B	35		✓		✓	DB
S-009	1785		50 FRAG, 30 SAND, 10 ORG, 10 SILT		SW							✓		B	35		✓		✓	DB
S-010	1785		40 FRAG, 30 SAND, 20 GR, 10 ORG, 10 SILT		SW							✓		B	40		✓	✓		DB
S-011	1785		40 FRAG, 30 SAND, 10 GR, 20 ORG		SW							✓		B	40		✓	✓		DB
S-012	1785		30 FRAG, 30 SAND, 20 ORG, 10 GR, 10 S		SW							✓		B	30		✓		✓	DB
S-013	1785		20 FRAG, 30 SAND, 20 GR, 30 CLAY		SW							✓		B	30		✓	✓		DB
S-014	1785 - 1815		40 FRAG, 40 GR, 10 SAND, 10 SILT		SW							✓		B	35		✓	✓		DB
S-015	1785		50 FRAG, 30 SAND, 20 GR,		SW							✓		B	30		✓	✓		DB
S-016	1785		40 SAND, 30 GR, 20 FRAG, 10 ORG		SW							✓		B	30		✓	✓		DB
S-017	1785		40 SAND, 30 FRAG, 20 GR, 10 ORG		SW							✓		B	35		✓	✓		DB
S-018	1785 - 1820		30 FRAG, 30 SAND, 30 GR, 10 SILT		SW							✓		B	40		✓	✓		DB
S-019	1785 - 1810		40 FRAG, 40 GR, 20 SAND		SW							✓		B	15		✓	✓		DB
S-020	1785		40 SAND, 30 FRAG, 20 CLAY, 10 ORG		SW							✓		B	40		✓	✓		DB
S-021	1785		30 SAND, 30 FRAG, 20 GR, 20 GRAVEL		SW							✓		B	30	✓		✓		DB
S-022	1785		20 FRAG, 30 ORG, 30 SAND, 10 SILT, 10 GR		SW							✓		B	30	✓		✓		DB
S-023	1785		50 SAND, 20 SILT, 10 GR, 20 ORG		SW							✓		A	40	✓		✓		LB
S-024	1795		50 FRAG, 40 ORG, 10 GR		SW							✓		A	30		✓	✓		DB
S-025	1790		40 FRAG, 40 GR, 15 SILT, 5 ORG		S							✓		A	35		✓	✓		DB
S-026	1790		30 FRAG, 40 SAND, 10 GR, 10 SILT, 10 ORG		S							✓		B	30	✓		✓		DB
S-027	1785		40 FRAG, 30 SAND, 20 ORG, 10 SILT		S							✓		B	40	✓		✓		DB
S-028	1780		40 FRAG, 40 SAND, 10 SILT, 10 ORG		SW							✓		B	40	✓				

(2) (A)

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: _____ Results Plotted By: _____

Area (Grid): _____ Map: _____ N.T.S.: _____

Collectors: KEITH LOWIS + CHRIS WHATLEY Date _____

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
90 CLB25-029	1781		50 SAND, 40 SILT, 10 ORG		SW							✓		B	20	✓		✓		DB
S-030	1785		40 FRAG, 50 SAND, 5 ORG, 5 SILT		W							✓		B	20	✓		✓		DB
S-031	1781		40 FRAG, 40 SAND, 10 ORG, 5 SILT, 5 GR		W							✓		B	35	✓		✓		DB
S-032	1783		50 FRAG, 30 SAND, 10 ORG, 10 CLAY		W							✓		A	30		✓	✓		DB
S-033	1783		80 FRAG, 20 SAND		W							✓		A	20		✓		✓	DB
S-034	1783		80 FRAG, 20 SAND		W							✓		A	25		✓		✓	DB
S-035	1783		40 FRAG, 40 SAND, 10 GR, 10 SILT		W							✓		A	30		✓		✓	DB
S-036	1780		40 FRAG, 40 SAND, 10 SILT, 10 GR		W							✓		A	35		✓		✓	DB
S-037	1785		40 FRAG, 30 ORG, 20 SAND, 10 CLAY		W							✓		A	40		✓	✓		DB
S-038	1783		40 FRAG, 40 SAND, 10 ORG, 10 SILT		W							✓		B	40	✓		✓		DB
S-039	1780		40 SAND, 20 FRAG, 20 ORG, 20 GR		W							✓		B	35	✓		✓		DB
S-040	1780		40 SAND, 40 FRAG, 10 SILT, 10 CLAY		W							✓		B	30	✓		✓		DB
S-041	1783		40 SAND, 40 CLAY, 10 ORG, 10 SILT		W							✓		B	40	✓		✓		DB
S-042	1785		40 SAND, 40 FRAG, 10 ORG, 10 SILT		W							✓		B	40	✓		✓		DB
S-043	1783		40 SAND, 40 FRAG, 10 ORG, 10 GR		W							✓		B	30	✓			✓	LB
S-044	1783		50 CLAY, 20 FRAG, 25 SILT, 5 ORG		W							✓		B	40	✓			✓	DB
S-045	1781		30 ORG, 50 SILT, 20 CLAY		W							✓		A	30		✓	✓		DB
S-046	1782		40 FRAG, 30 SAND, 20 ORG, 10 SILT		W							✓		B	30	✓		✓		DB
S-047	1785		25 GR, 25 FRAG, 30 SAND, 10 ORG, 10 CLAY		W							✓		B	40	✓		✓		DB
S-048	1785		20 GR, 40 SAND, 25 ORG, 5 SILT, 10 CLAY		W							✓		A	40	✓		✓		DB
S-049	1780		30 SAND, 30 FRAG, 20 ORG, 10 SILT, 10 GR		W							✓		A	20		✓	✓		B
S-050	1785		40 SAND, 20 GR, 20 ORG, 10 SILT, 10 FRAG		W							✓		B	20	✓		✓		DB
S-051	1783		30 GR, 30 SAND, 10 FRAG, 20 CLAY, 10 ORG		W							✓		B	40	✓		✓		DB
S-052	1785		50 GR, 40 SAND, 10 ORG		W							✓		B	35	✓		✓		B
S-053	1785		40 SAND, 20 GR, 30 FRAG, 10 SILT		W							✓		A	30		✓		✓	B
S-054	1783		40 SAND, 20 GR, 20 FRAG, 20 CLAY		W							✓		A	30		✓		✓	B
S-055	1783		40 SAND, 20 GR, 2 FRAG, 10 SILT, 10 CLAY X		W									A	35		✓		✓	B
END OF	LINE																			

N.A.

(1) (B)

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: AXE CLAIMS

Area (Grid):

Collectors: KEITH LOUIS & Chris Whatley

Results Plotted By: KEITH LOUIS & Chris Whatley

Map: N.T.S.:

Date July 31

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
90CL1525-056		1673	30 SAND, 30 GR, 30 FRAG, 10 SILT	✓								✓		A1	40	✓		✓		GRY
S-057	1673		40 SAND, 20 GR, 20 FRAG, 10 SILT, 10 CLAY		W							✓		A	30	✓		✓		B
S-058	1673		50 CLAY, 30 SAND, 10 GR, 10 SILT		W							✓		B	30	✓		✓		LB
S-059	1673		40 FRAG, 40 SAND, 20 GR,		W							✓		B	15		✓	✓		B
S-060	1673		30 FRAG, 40 SAND, 20 GR		W							✓		B	40		✓			B
S-061	1673		30 FRAG, 30 GR, 30 SAND, 5 SILT, 5 ORG		W							✓		B	40	✓			✓	B
S-062	1673		40 SAND, 30 FRAG, 10 ORG, 20 CLAY		W							✓		B	40	✓			✓	DB
S-063	1673		50 SAND, 30 FRAG, 10 GR, 5 SILT, 5 CLAY		W							✓		B	40	✓		✓		DB
S-064	1673		40 SAND, 20 FRAG, 20 ORG, 20 CLAY		W							✓		B	45	✓			✓	DB
S-065	1668		30 SAND, 40 FRAG, 20 ORG, 20 SILT		W							✓		B	40	✓			✓	DB
S-066	1673		30 SAND, 40 FRAG, 30 CLAY		W							✓		B	45	✓			✓	DB
S-067	1670		50 SAND, 40 FRAG, 10 CLAY		W							✓		B	30	✓		✓		DB
S-068	1673		50 DIRT, 20 FRAG, 10 ORG, 10 CLAY		W							✓		B	45		✓		✓	BLK
S-069	1671		40 SAND, 20 GR, 20 FRG, 10 ORG, 10 SLT		W							✓		B	45	✓			✓	B
S-070	1673		30 SAND, 30 FRAG, 30 GR, 10 ORG		W							✓		B	45	✓		✓		B
S-071	1673		40 FRAG, 40 GR, 10 SAND, 10 ORG		W							✓		B	40	✓		✓		DGRY
S-072	1672		50 FRAG, 30 GR, 10 SAND, 10 ORG		W							✓		B	45		✓	✓		B
S-073	1669		50 FRAG, 30 CLAY, 20 ORG		W							✓		A	20		✓		✓	B
S-074	1675		50 DIRT, 30 FRAG, 20 ORG		SW							✓		A	40		✓		✓	B
S-075	1675		30 FRAG, 40 SAND, 30 ORG		S							✓		A	5		✓		✓	LB
S-076	1676		40 SAND, 30 ORG, 20 FRG, 10 SLT		S							✓		B	45		✓		✓	B
S-077	1673		50 FRAG, 30 SAND, 10 ORG, 10 SLT		SW							✓		R	15	✓			✓	B
S-078	1673		40 SAND, 40 FRAG, 10 GR, 10 CLAY	✓	SW									A	35	✓			✓	B
S-079	1673		50 FRAG, 50 ORG	✓	W									B	35		✓		✓	B
S-080	1675		40 FRAG, 40 SAND, 10 ORG		W							✓		B	45		✓		✓	B
S-081	1660		40 FRAG, 40 SAND, 20 SILT		W							✓		A	5	✓			✓	B
S-082	1671		50 FRAG, 40 SAND, 5 SILT, 5 ORG		NW							✓		A	20		✓		✓	B
S-083	1673		40 SAND, 40 FRAG, 10 SILT, 10 GR		NW							✓		A	45	✓			✓	B
S-084	1675		40 SAND, 40 FRAG, 15 CLAY, SILT		NW							✓		B	35	✓			✓	B

(2) (B)

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: _____ Results Plotted By: _____

Area (Grid): _____ Map: _____ N.T.S.: _____

Collectors: KEITH LOUIS + CHRIS WHATLEY Date _____

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
90-CL-152	S-085	1673	40 SAND, 20 FRG 10 GR, 30 CLAY		W							✓		B	45	✓			✓	LB
S-086	1673		40 FRAG, 40 SAND, 10 GR, 10 SILT		W							✓		B	45	✓			✓	LB
S-087	1685		50 DIRT, 30 FRAG, 20 ORG.		W							✓		B	35	✓			✓	B
S-088	1675		80 ORG, 20 FRAG		W							✓		B	30		✓		✓	DB
S-089	1673		60 DIRT, 40 ORG		SW							✓		A	45		✓	✓		DB
S-090	1673		40 DIRT, 30 FRAG, 30 ORG		SW							✓		A	45		✓		✓	DB
S-091	1680		50 SAND, 30 FRAG, 10 ORG, 10 SILT	✓	NW							✓		A	40	✓			✓	DB
S-092	1675		80 FRAG, 20 SAND		NW							✓		A	36		✓		✓	B
S-093	1673		40 FRAG, 40 SAND, 10 ORG, 10 CLAY		NW							✓		A	20		✓		✓	B
S-094	1675		40 SAND, 30 FRAG, 20 CLAY, 10 ORG		W							✓		B	40		✓		✓	DB
S-095	1675		40 DIRT, 40 FRAG, 10 ORG, 10 CLAY		W							✓		B	30		✓		✓	DB
S-096	1675		40 DIRT, 40 FRAG, 20 ORG		SW							✓		B	40		✓		✓	DB
S-097	1675		30 SAND, 30 FRAG, 30 GR, 10 ORG		SW							✓		B	40	✓			✓	DB
S-098	1675		40 FRAG, 40 SAND, 10 ORG, 10 CLAY		SW							✓		B	30		✓		✓	B
S-099	1685		60 DIRT, 20 FRAG, 20 ORG		SW							✓		R	20		✓		✓	B
S-100	1690		50 DIRT, 30 FRAG, 20 ORG		SW							✓		R	30		✓		✓	DB
S-101	1690		40 SAND, 40 FRAG, 20 ORG		SW							✓		B	40		✓		✓	DB
S-102	1690		60 FRAG, 30 ORG, 10 GR		SW							✓		B	30		✓		✓	DB
S-103	1700		30 SAND, 30 FRAG, 30 GR, 10 CLAY		SW							✓		B	45		✓		✓	LB
S-104	1710		60 FRAG, 20 ORG, 20 SAND		S							✓		B	30		✓		✓	LB
S-105	1700		80 SAND, 10 FRAG, 10 ORG		SW							✓		B	45	✓			✓	LB
S-106	1700		60 ORG, 40 FRAG		S							✓		B	45		✓		✓	DB
S-107	1700		60 ORG, 40 FRAG		S							✓		B	45		✓		✓	DB
S-108	1710		40 FRAG, 40 DIRT, 20 ORG		S							✓		B	45		✓		✓	DB
S-109	1710		80 FRAG, 20 ORG		S							✓		B	45		✓		✓	B
S-110	1710		60 SAND, 30 GR, 5 SILT, 5 ORG		S							✓		B	30	✓			✓	DB
S-111	1700		40 SAND, 40 FRAG, 10 SILT, 10 ORG		S							✓		B	30		✓		✓	DB
S-112	1710		40 SAND, 40 FRAG, 10 SILT, 10 ORG		S							✓		B	35		✓		✓	B

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: AXE CLAIMS — Results Plotted By: KEITH LOUIS + CHRIS WHATLEY

Area (Grid): — Map: — N.T.S.: —

Collectors: KEITH LOUIS + CHRIS WHATLEY — Date July 24

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
90-CL-152	S-113	1675	50 SAND, 20 FRAG, 10 GR, 10 SILT, 10 ORG		S							✓		B	40	✓			✓	DB
S-114	1675		60 SAND, 10 FRAG, 10 GR, 10 ORG, 10 SILT		S							✓		B	30	✓			✓	DB
S-115	1675		40 SAND, 30 GR, 20 ORG, 10 FRAG		S							✓		B	40	✓			✓	DB
S-116	1675		40 FRAG, 60 ORG		S							✓		A	40		✓		✓	DB
S-117	1675		40 FRAG, 60 ORG		S							✓		A	45		✓		✓	DB
S-118	1675		50 FRAG, 40 ORG, 10 GR		S							✓		A	40		✓		✓	LB
S-119	1675		40 SAND, 30 FRAG, 10 ORG, 10 GR, 10 SILT		SW							✓		B	30	✓			✓	LB
S-120	1675		30 DIRT, 30 FRAG, 30 ORG, 10 GR		SW							✓		B	35		✓		✓	DB
S-121	1670		80 FRAG, 10 ORG, 10 dirt		W							✓		B	30		✓		✓	DB
S-122	1675		40 SAND, 40 FRAG, 10 GR, 5 SILT, 5 ORG		SE							✓		B	30	✓			✓	DB
S-123	1675		40 SAND, 30 FRAG, 20 GR, 10 ORG		SE							✓		B	20	✓			✓	LB
S-124	1675		40 SAND, 20 FRAG, 20 GR, 10 ORG, 10 SILT		SE							✓		B	35	✓			✓	LB
S-125	1677		80 FRAG, 10 dirt, 10 ORG		SE							✓		A	30		✓		✓	LB
S-126	1678		40 DIRT, 20 FRAG, 20 GR, 20 ORG		SE							✓		B	40	✓			✓	DB
S-127	1675		50 SAND, 20 FRAG, 20 GR, 10 ORG		SE							✓		B	30	✓			✓	DB
S-128	1678		60 GR, 10 SAND, 20 ORG, 10 DIRT		SE							✓		B	30		✓		✓	LB
S-129	1675		50 SAND, 40 FRAG, 5 ORG, 5 silt		SE							✓		B	45	✓			✓	B
S-130	1677		60 SAND, 30 FRAG, 10 CLAY		SE							✓		B	45	✓			✓	DB
S-131	1675		50 FRAG, 30 dirt, 10 SAND, 10 ORG		SE							✓		B	30	✓			✓	B
S-132	1680		70 SAND, 10 FRAG, 10 ORG, 10 SILT		NE							✓		B	30	✓			✓	LB
S-133	1700		60 FRAG, 30 SAND, 5 GR, 5 ORG		NE							✓		B	30	✓			✓	B
S-134	1705		40 SAND, 30 FRAG, 20 GR, 5 ORG, 5 silt		NE							✓		B	30	✓			✓	B
S-135	1715		80 FRAG, 10 DIRT, 10 ORG		NE							✓		B	45		✓		✓	B
S-136	1725		40 FRAG, 40 SAND, 10 ORG, 10 SILT		E(NE)							✓		B	35	✓			✓	B
S-137	1725		50 SAND, 30 FRAG, 10 Round, 10 ORG		E							✓		B	25	✓			✓	LB
S-138	1730		50 dirt, 30 FRAG, 20 ORG			✓						✓		A	35		✓		✓	B
S-139	1735		30 FRAG, 30 DIRT, 20 ORG, 20 SAND		N							✓		B	40	✓			✓	DB
S-140	1725		60 FRAG, 20 SAND, 10 ORG, 10 CLAY		N							✓		A	15	✓			✓	DB
S-141	1715		60 DIRT, 15 FRAG, 15 ORG, 10 CLAY		NE							✓		B	10	✓			✓	B
S-142	1700		30 SAND, 30 GR, 30 FRAG, 10 ORG		NE							✓		B	35	✓			✓	LB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: _____ Results Plotted By: _____

Area (Grid): _____ Map: _____ N.T.S.: _____

Collectors: KEITH LOUIS & CHRIS WHATLEY Date _____

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
90CL1525	143	1700	80 FRAG, 20 ORG		NE							✓		A	20		✓		✓	B
S-144	1685		60 FRAG, 20 SAND, 20 CLAY,		NE							✓		B	10	✓			✓	LB
S-145	1683		60 FRAG, 5 ORG, 20 SAND, 15 DIRT		NE							✓		B	15	✓			✓	LB
S-146	1680		50 FRAG, 20 SAND, 30 CLAY		NE							✓		B	30	✓			✓	LB
S-147	1675		80 FRAG, 10 dirt, 10 ORG		NE							✓		A	45		✓		✓	LB
S-148	1675		40 SAND, 40 CLAY, 15 FRAG, 5 ORG		NE							✓		B	45	✓			✓	LB
S-149	1675		60 FRAG, 20 SAND, 20 CLAY.		NE							✓		B	30	✓			✓	DB
S-150	1685		60 FRAG, 20 SAND, 20 CLAY		NE							✓		B	35	✓			✓	DB
S-151	1685		60 SAND, 20 FRAG, 10 ORG, 10 CLAY		NE							✓		B	45	✓			✓	LB
S-152	1675		60 SAND, 30 FRAG, 10 ORG.		NE							✓		B	45	✓			✓	LB
S-153	1672		60 SAND, 20 FRAG, 10 ORG, 10 CLAY		N							✓		B	40	✓			✓	B
S-154	1675		70 FRAG, 20 SAND, 10 ORG		N							✓		B	35	✓			✓	LB
S-155	1675		50 SAND, 40 CLAY, 10 ORG		N							✓		B	45	✓			✓	LB
S-156	1675		60 FRAG, 30 SAND, 5 CLAY, 5 ORG		N							✓		B	30	✓			✓	DB
S-157	1675		30 Round, 30 FRAG, 30 SAND, 10 CLAY		N							✓		B	35	✓		✓		DB
S-158	1673		80 FRAG, 20 SAND		N							✓		A	20		✓		✓	LB
S-159	1675		50 SAND, 40 FRAG, 10 ORG		N							✓		B	20	✓			✓	LB
S-160	1675		45 FRAG, 45 SAND, 10 SILT		N							✓		B	20	✓			✓	DB
S-161	1678		80 FRAG, 20 SAND,		N							✓		B	10		✓		✓	LB
S-162	1675		60 SAND, 30 FRAG, 10 ORG		N							✓		B	45		✓		✓	DB
S-163	1675		40 SAND, 40 FRAG, 10 SILT, 10 ORG		N							✓		A	20		✓		✓	DB
S-164	1678		50 SAND, 50 FRAG		N							✓		B	15		✓		✓	DB
S-165	1678		30 GR, 30 SAND, 30 FRAG, 10 ORG		N							✓		A	40		✓	✓		LB
S-166	1675		30 DIRT, 40 FRAG, 15 ORG, 5 CLAY		N							✓		B	45	✓			✓	DB
S-167	1675		45 SAND, 45 FRAG, 10 ORG		N							✓		B	45	✓			✓	DB
S-168	1673		30 SAND, 30 GR, 30 FRAG, 10 ORG		N							✓		B	30	✓		✓		DB
S-169	1675		45 SAND, 45 FRAG, 10 ORG		N							✓		B	30	✓			✓	DB
S-170	1673		45 FRAG, 45 SAND, 10 ORG		N							✓		A	40		✓		✓	B
S-171	1670		80 FRAG, 10 SAND, 10 ORG		W							✓		B	40		✓		✓	B

(3) (C)

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: _____ Results Plotted By: _____

Area (Grid): _____ Map: _____ N.T.S.: _____

Collectors: KEITH LOUIS + CHRIS WHATLEY Date _____

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
90-CL-1525-	172	1655	60 SAND, 15 ROUND, 15 FRAG, 10 ORG		W							✓		B	40		✓	✓		OR
S-173	1651		30 FRAG, 30 SAND, 30 GR, 10 ORG	✓								✓		B	40		✓	✓		B
S-174	1650		30 SAND, 20 GR, 30 FR	✓								✓		B	40		✓	✓		DB
S-175	1650		45 FRAG, 45 GR, 10 SAND	✓								✓		B	35		✓	✓		DB
S-176	1648		20 ROUND, 60 FRAG, 10 SAND, 10 ORG	✓								✓		B	40		✓	✓		DB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: 152

Area (Grid): Lower Trevor Pk.

Collectors: Mike(u) + Bob (BR)

Results Plotted By:

Map: N.T.S.:

Date Sept 27/90

Sample Number 90BR1525-	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
001			3700 ft contour		N			X						B	30cm		✓	✓		Grey
002					N			X						B	25	✓		?		R.Brn
003					N			X						B	30	✓		?		Brn
004					N			X						B	35	✓		?		R.Brn
005					N			X						B	30	✓		?		Brn
006					N			X						B	20		✓	?		Grey
007					N			X						B	40		✓	?		Grey
008					N			X						B	30		✓	✓		

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: WOLF AREA (#152) - AXE CLAIMS
Results Plotted By: JASON MILLER
Area (Grid): _____
Map: _____ N.T.S.: _____
Collectors: JASON MILLER
Date EARLY JULY / 1990

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
90-0-152S-001			TALUS SOIL - North face of Trever Peak. Below x pinnacle		North				✓						Surface		✓		✓	ORANGE

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: AXE CLAIMS (4152) SOUTH OF TULSEQUAH

Results Plotted By: JASON MILLER & KEITH LOUIS

Area (Grid): _____

Map: _____ N.T.S.: _____

Collectors: JASON MILLER & KEITH LOUIS

Date JULY 24, 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
90-0152S-002	near 90-Y-152S-008	1670m	20 ang frag, 5 clay, 5 silt, 30 sand, 40 gravel		SW							✓		A	30cm	✓			✓	LB
S-003	1675m		10 ang frag, 10 org, 10 grav, 10 sand, 20 clay, 40 silt		SE							✓		A	35cm		✓		✓	DB
S-004	1678m		20 ang frag, 30 org, 20 silt, 30 clay		S							✓		A	25cm	✓			✓	DB
S-005	1685m		20 ANG FRAG, 10 GRAV, 20 SAND, 10 CLAY, 40 SILT		S							✓		A	30cm	✓			✓	LB
S-006	1678m		10 ANG FRAG, 30 GRAV, 40 SAND, 10 ORG, 10 SILT		S							✓		A	30cm	✓			✓	DB
S-007	1685m		10 ANG FRAG, 10 GRAV, 40 SILT, 40 SAND		SE							✓		A	35cm	✓			✓	LB
S-008	1685m		5 GRAV, 5 SAND, 10 ORG, 40 SILT, 40 CLAY		SE							✓		B	40cm		✓		✓	MB
S-009	1685m		10 ANG FRAG, 10 GRAV, 50 SAND, 30 SILT		S								✓	A	30cm		✓		✓	MB
S-010	1675m		20 ANG FRAG, 20 ORG, 10 GRAV, 10 SILT, 40 SAND		S							✓		A	35cm	✓			✓	LB
S-011	1680m		10 ANG FRAG, 10 GRAV, 20 ORG, 40 SAND, 20 SILT		SW							✓		A	30cm	✓			✓	MB
S-012	1670m		5 ANG FRAG, 10 ORG, 10 GRAV, 20 SAND, 50 SILT, 5 CLAY		SE							✓		A	30cm	✓			✓	MB
S-013	1680m		20 ANG FRAG, 20 ORG, 10 GRAV, 40 SILT, 10 SAND.		E							✓		A	25cm		✓		✓	MB
S-014	1690m		20 ANG FRAG, 20 GRAV, 50 SAND, 10 SILT		E							✓		A	20cm	✓			✓	MB
S-015	1695m		10 ORG, 20 GRAV, 40 SAND, 10 ANG FRAG, 10 CLAY, 10 SILT		E							✓		A	30cm	✓			✓	MB
S-016	1695m		30 ORG, 10 GRAV, 20 SAND, 40 SILT		E							✓		A	40cm	✓			✓	DB
S-017	1690m		20 ORG, 20 GRAV, 20 SAND, 40 SILT		E							✓		A	25cm		✓		✓	MB
S-018	1685m		30 ANG FRAG, 30 ORG, 40 SILT, 10 SAND		E							✓		A	25cm		✓		✓	DB
S-019	1680m		10 ANG FRAG, 50 GRAV, 30 SAND, 10 SILT		SW							✓		A	30cm		✓		✓	DB
S-020	1680m		40 GRAV, 10 ANG FRAG, 10 SILT, 40 SAND,		W							✓		A	30cm		✓		✓	MB
S-021	1625m		40 GRAV, 40 SAND, 10 SILT, 10 ANG FRAG		W							✓		A	40cm		✓		✓	MB
S-022	1620m		20 GRAV, 40 SAND, 30 SILT, 10 CLAY		W							✓		A	50cm		✓		✓	MB
S-023	1618m		10 ORG, 10 ANG RD FRAG, 30 GRAV 30 SAND, 20 SILT		W							✓		A	30cm	✓		✓		MB
S-024	1615m		30 SAND, 20 SILT, 25 GRAV, 25 ANG FRAG,		W							✓		A	35cm		✓		✓	MB
S-025	1615m		20 ORG, 30 SAND, 30 GRAV, 15 SILT, 5 CLAY		W							✓		A	30cm	✓		✓		dB
S-026	1615m		30 RD ANG FRAG, 30 SAND, 20 GRAV, 20 SILT		W							✓		A	40cm		✓		✓	dB
S-027	1615m		30 CLAY, 10 ORG, 10 GRAV, 25 SAND 25 SILT		W							✓		B	40cm	✓			✓	dB
S-028	1610m		25 SAND, 25 ANG FRAG, 10 ORG, 20 GRAV, 20 CLAY		SW							✓		A	45cm	✓			✓	dB
S-029	1605m		25 SAND, 25 SILT, 10 ANG FRAG, 20 ORG, 20 GRAV		S							✓		A	45cm	✓			✓	dB
S-030	1610m		25 SAND, 25 SILT, 20 ORG, 20 GRAV, 10 ANG FRAG		E							✓		A	45cm	✓			✓	dB
					E							✓		A	40cm	✓			✓	dB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: HORN EAST — Results Plotted By: C.K.

Area (Grid): 152 GRID — Map: _____ N.T.S.: _____

Collectors: C.K. / A.D — Date 29/8

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
	0+00	2+00N		✓								✓		A	40	✓		✓		DB
		1+50N		✓								✓		B	40	✓		✓		LB
		1+00N		✓								✓		B	40	✓		✓		DB
		0+50N		✓								✓		B	40	✓		✓		DRB
		0+00		✓								✓		B	40	✓		✓		DB
		0+50S		✓								✓		A	40	✓		✓		DRB
		1+00S		✓								✓		A	30	✓		✓		DB
		1+50S		✓								✓		A	30	✓		✓		DB
		2+00S		✓								✓		A	30	✓		✓		DB
		2+50S		✓								✓		A	40	✓		✓		DB
		3+00S		✓								✓		A	30	✓		✓		B
		3+50S																		
		4+00S																		
	1+00E	2+00N		✓								✓		A	40	✓		✓		RB
		1+50N		✓								✓		B	40	✓		✓		RB
		1+00N		✓								✓		B	40	✓		✓		LRB
		0+50N		✓								✓		A	30	✓		✓		DB
		0+00		✓								✓		A	30		✓		✓	BL
		0+50S		✓								✓		A	30	✓		✓		DRB
		1+00S		✓								✓		A	40	✓		✓		DB
		1+50S		✓								✓		A	40	✓		✓		RB
		2+00S		✓								✓		A	20		✓		✓	DB
		2+50S		✓								✓		A	30	✓		✓		DB
		3+00S																		
		3+50S																		
		4+00S																		

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: HORN EAST — Results Plotted By: CK

Area (Grid): 152 GRID — Map: _____ N.T.S.: _____

Collectors: CK / A.D. — Date 29/8

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
	2+00E	2+00N		✓								✓		B	40	✓		✓		RB
		1+50N		✓								✓		B	40	✓		✓		RB
		1+00N		✓								✓		B	30	✓		✓		RB
		0+50N		✓								✓		A	30		✓		✓	DB
		0+00		✓								✓		A	30	✓		✓		DB
		0+50S		✓								✓		A	40	✓		✓		DB
		1+00S		✓								✓		A	40	✓		✓		RB
		1+50S		✓								✓		A	40	✓		✓		DB
		2+00S		✓								✓		A	40	✓		✓		DB
		2+50S		✓								✓		A	40	✓		✓		DB
		3+00S																		
		3+50S																		
		4+00S																		
	3+00E	2+00N		✓								✓		A	30		✓		✓	DB
		1+50N		✓								✓		B	30	✓		✓		RB
		1+00N		✓								✓		A	40		✓		✓	BI
		0+50N		✓								✓		B	40		✓		✓	DB
		0+00		✓								✓		A	40	✓		✓		DB
		0+50S		✓								✓		A	30		✓		✓	DB
		1+00S		✓								✓		A	40	✓		✓		DB
		1+50S		✓								✓		A	40	✓		✓		DB
		2+00S		✓								✓		A	40	✓		✓		RB
		2+50S		✓								✓		A	40	✓		✓		RB
		3+00S		✓								✓		A	40	✓		✓		DB
		3+50S																		
		4+00S																		

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: HORN EAST
Area (Grid): 152 GRID
Collectors: C.K. / A.D.

Results Plotted By: C.K.
Map: _____ N.T.S.: _____
Date 30/08

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
	4+00E	2+00N		✓								✓			B	✓		✓		RB
		1+50N		✓								✓			A	✓		✓		DB
		1+00N		✓								✓			A		✓		✓	BT
		0+50N		✓								✓			A		✓		✓	BT
		0+00		✓								✓			A		✓		✓	BT
		0+50S		✓								✓			B	✓		✓		LB
		1+00S		✓								✓			A	✓		✓		DB
		1+50S		✓								✓			A	✓		✓		DB
		2+00S		✓								✓			A	✓		✓		DB
		2+50S		✓								✓			A	✓		✓		DB
		3+00S		✓								✓			A	✓		✓		DB
		3+50S																		
		4+00S																		
	5+00E	2+00N		✓								✓			A	✓		✓		BT
		1+50N		✓								✓			A	✓		✓		DB
		1+00N		✓								✓			A	✓		✓		BT
		0+50N		✓								✓			B		✓		✓	DB
		0+00		✓								✓			A		✓		✓	BT
		0+50S		✓								✓			B	✓		✓		DB
		1+00S		✓								✓			B	✓		✓		LB
		1+50S		✓								✓			A		✓		✓	DB
		2+00S		✓								✓			A	✓		✓		DB
		2+50S		✓								✓			B	✓		✓		RB
		3+00S		✓																
		3+50S																		
		4+00S																		

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: HORN EAST — Results Plotted By: CK

Area (Grid): 151 GRID — Map: _____ N.T.S.: _____

Collectors: C.K. / AD — Date 30/8

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
	6+00E	2+00N	80 SAND 10 SILT 10 ORGANICS									✓		B	30	✓			✓	DB
		1+50N	80 SAND 10 SILT 10 ORGANICS									✓		B	25	✓			✓	DB
		1+00N	80 SAND 10 SILT 10 ORGANICS	✓								✓		B	40	✓		✓		DB
		0+50N	80 SAND 10 SILT 10 ORGANICS	✓								✓		B	30	✓		✓		DB
		0+00		✓								✓		A	40	✓		✓		DB
		0+50S		✓								✓		A	40	✓		✓		DB
		1+00S		✓								✓		B	40	✓		✓		RB
		1+50S		✓								✓		B	30	✓		✓		LB
		2+00S		✓								✓		A	30	✓		✓		DB
		2+50S		✓								✓		A	40	✓		✓		DB
		3+00S		✓								✓		A	40		✓		✓	DB
		3+50S																		
		4+00S																		
	7+00E	2+00N	80 SAND 10 SILT 10 ORGANICS									✓		A	15	✓			✓	DB
		1+50N	90 SAND 10 SILT									✓		A	20	✓			✓	DB
		1+00N	90 SAND 10 SILT	✓								✓		B	35	✓		✓		DB
		0+50N	90 SAND 5 SILT 5 ORGANICS	✓								✓		A	30	✓		✓		DB
		0+00		✓								✓		A	30	✓		✓		BI
		0+50S		✓								✓		A	30	✓		✓		DB
		1+00S		✓								✓		A	40	✓		✓		DB
		1+50S		✓								✓		B	40	✓		✓		RB
		2+00S		✓								✓		A	50	✓		✓		DB
		2+50S		✓								✓		A	30		✓		✓	DB
		3+00S		✓								✓		A	30	✓		✓		DB
		3+50S																		
		4+00S																		

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: HORN EAST

Area (Grid): 150 EAST GRID

Collectors: CK / AD

Results Plotted By: CK

Map: _____ N.T.S.: _____

Date _____

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
	10+00E	2+00N		✓								✓		A	40	✓				BRALK
		1+50		✓								✓		A	40	✓				BRALK
		1+00		✓								✓		A	50	✓				BROWN
		0+50N		✓								✓		A	40	✓				BR
		0+00		✓								✓		A	30	✓		✓		DRB
		0+50S		✓								✓		A	40	✓		✓		DRB
		1+00		✓								✓		B	40	✓		✓		RB
		1+50		✓								✓		B	30	✓		✓		DB
		2+00		✓								✓		A	30		✓		✓	DB
		2+50		✓								✓		A	30		✓		✓	DB
		3+00		✓								✓		A	30		✓		✓	DB
		3+50																		
		4+00																		
	11+00E	2+00N		✓								✓		A	30	✓				BR.
		1+50		✓								✓		A	30	✓				RUST
		1+00		✓								✓		A	40	✓				GREY
		0+50N		✓								✓		A	40	✓				BR
		0+00		✓								✓		A	30	✓				BRR
		0+50S		✓								✓		B	40	✓		✓		RB
		1+00		✓								✓		B	40	✓		✓		RB
		1+50		✓								✓		B	40	✓		✓		RB
		3+00		✓								✓		A	30		✓		✓	DB
		3+50		✓								✓		A	20		✓		✓	DB
		4+00																		

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: HORN EAST

Area (Grid): 15L GRID

Collectors: CK/AD

Results Plotted By: C.K

Map: _____ N.T.S.: _____

Date 30/8

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
	8+00E	2+00N	50 SAND 40 ORGANICS 10 SILT									✓		A	35		✓		✓	DB
		1+50N	60 SAND 10 SILT 30 ORGANICS									✓		A	30	✓			✓	DB
		1+00N	60 SAND 30 ORGANICS 10 SILT	✓								✓		B	25	✓		✓		DB
		0+50N	90 SAND 10 SILT	✓								✓		B	20	✓		✓		DB
		0+00																		
		0+50S		✓								✓		40	A	✓		✓		DB
		1+00S		✓								✓		40	B	✓		✓		RB
		1+50S		✓								✓		30	B	✓		✓		RB
		2+00S		✓								✓		30	A		✓		✓	DB
		2+50S		✓								✓		40	A	✓		✓		RB
		3+00S		✓								✓		40	B	✓		✓		RB
		3+50S		✓								✓		40	B	✓		✓		RB
		4+00S		✓								✓		40	B	✓		✓		RB
	9+00E	2+00N	70 SAND 10 SILT 20 ORGANICS									✓		A	20	✓			✓	DB
		1+50N	80 SAND 10 SILT 10 ORGANICS									✓		A	35	✓			✓	DB
		1+00N	80 SAND 10 ORGANICS 10 SILT	✓								✓		A	30	✓		✓		DB
		0+50N	80 SAND 10 SILT 10 ORGANICS	✓								✓		A	30	✓		✓		DB
		0+00	80 SAND 10 SILT 10 ORGANICS	✓								✓		A	25	✓		✓		DB
		0+50S		✓								✓		40	B	✓		✓		RB
		1+00S		✓								✓		40	B	✓		✓		RB
		1+50S		✓								✓		30	A	✓		✓		DB
		2+00S		✓								✓		30	A		✓		✓	DB
		2+50S		✓								✓		30	A		✓		✓	DB
		3+00S		✓								✓		30	A		✓		✓	DB
		3+50S		✓								✓		30	A	✓		✓		DB
		4+00S		✓								✓		40	A		✓		✓	DB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: HORN EAST — Results Plotted By: CK

Area (Grid): 15E EAST GRID — Map: _____ N.T.S.: _____

Collectors: CK / AD — Date _____

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
	12+00E	2+00N		✓								✓		A	40	✓				Ba
		1+50		✓								✓		A	40	✓				Ba
		1+00		✓								✓		A	40	✓				Ba
		0+50N		✓								✓		A	30	✓				DBa
		0+00		✓								✓		A	40	✓				DBa
		0+50S		✓								✓		B		✓	✓	✓		DB
		1+00		✓								✓		A		✓	✓		✓	DB
		1+50		✓								✓		A		✓	✓		✓	DB
		2+00		✓								✓		A		✓		✓		DRB
		2+50		✓								✓		A		✓		✓		RB
		3+00																		
		3+50																		
		4+00																		
		2+00N																		
		1+50																		
		1+00																		
		0+50N																		
		0+00																		
		0+50S																		
		1+00																		
		1+50																		
		3+00																		
		3+50																		
		4+00																		

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: WOLF — Results Plotted By: GRANT

Area (Grid): — Map: — N.T.S.:

Collectors: GRANT NAGY — Date

Sample Number 90-PN-152	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top SIDE	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
S-150	00+00M	1340M	20 org. 10 ang. frag. 35 sand 35 silt		W			✓						B	25	✓			✓	RB
151	00+50M	4430' ft	25 org · 25 silt · 30 ang frag · 20 sand		NW			✓						A	30		✓		✓	DB
152	1+00 M	4420' ft	20 org frag · 50 silt · 30 org		SW			✓						B	30	✓			✓	RB
153	1+50 M	4460'	20 ✓ ✓ · 10 sand · 20 org		SW			✓						A	35		✓		✓	RB
154	2+00 M	4440'	30 ang frag · 30 org · 40 silt		SW				✓					A	25		✓		✓	LB
155	2+50 M	4460'	20 ang. frag · 50 silt · 30 org		W			✓						A	20		✓		✓	MB
156	3+00 M	4500'	30 ang. frag · 40 silt · 30 org		W				✓					A	25		✓		✓	MB
157	3+50 M	4477'	N.S. Talus																	
158	4+00M	4460'	40 ang. frag · 40 silt · 20 org		W				✓					A	25		✓		✓	DB
159	4+50M	4460'	60 ang. frag · 30 silt · 10 org		SW				✓					A	30		✓		✓	LB
160	5+00M	4460'	50 ang. frag · 20 org · 30 silt		S							✓		A	30		✓		✓	LB
161	5+50M	4460'	40 org · 30 ang frag · 30 silt		S							✓		A	20		✓		✓	MB
162	6+00M	4460'	60 ang. frag · 20 silt · 20 org		S							✓		A	20		✓		✓	LB
163	6+50M	4460'	50 ang frag · ✓ · 30 org		S			✓						A	20		✓		✓	LB
164	7+00M	4460'	30 ang. frag · 40 org · 30 silt		S			✓						A	20		✓		✓	RB
165	7+50M	4428'	70 ang frag · 15 silt · 15 org		S				✓					A	20		✓		✓	MB
166	8+00M	4428'	50 ang frag · 30 silt · 20 org		S				✓					A	20		✓		✓	LB
167	8+50M	4428'	30 ang. frag 30 silt · 40 org		S			✓						A	20		✓		✓	LB
168	9+00M	4460'	✓ ✓ · 30 org · 40 silt		S			✓						A	25		✓		✓	MB
169	9+50M	4460'	20 ang frag · 40 org · ✓		S	✓								A	20		✓		✓	LB
170	10+00M	4460'	50 org · 40 silt · 10 gravel		S	✓								A	25		✓		✓	DB
171	10+50M	4460'	20 org · 10 gravel · 70 silt		S			✓						B	20	✓			✓	RB
172	11+00M	4460'	30 org · 40 silt · 10 gravel · 20 sand		S			✓						B	20		✓		✓	RB
173	11+50M	4477'	✓ · 20 gravel · 50 silt		S			✓						A	20		✓		✓	RB
174	12+00M	4460'	20 ang frag · 40 org · 40 silt		S			✓						A	20		✓		✓	LB
175	12+50M	4460'	✓ ✓ · 20 org · 60 silt		S			✓						A	20		✓		✓	RB
176	13+00M	4460'	40 ang frag · 40 silt · 20 org		SE	✓								B	30	✓			✓	RB
177	13+50M	4460'	70 silt · 10 org · 20 ang frag		SE	✓		✓						B	25	✓			✓	RB
178	14+00M	4460'	80 silt · 10 org · 10 ang frag		SE	✓		✓						B	25	✓			✓	RB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: _____ Results Plotted By: _____

Area (Grid): _____ Map: _____ N.T.S.: _____

Collectors: Grant Nagy Date _____

Sample Number 90-NN-152	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top SIDE	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
179	14+50M	4460'	80 silt · 20 org		SE	✓		✓						B	20	✓			✓	RB
180	15+00M	4460'	✓✓ · 10 any frag · 10 org		E			✓						B	20	✓			✓	RB
181	15+50M	4477'	✓✓ · 15 org · 5 any frag		E	✓			✓					B	25	✓			✓	RB
		*	90-F-DIBR Elev. 1362 m dis 15+22m																	
182	16+00M	4477'	60 silt · 20 org · 20 any frag		S	✓		✓						B	25	✓			✓	LB
183	16+50M	4460'	50 org · 20 silt · 30 any frag		S	✓						✓		A	40		✓		✓	DB
184	17+00M	4460'	60 any frag · 20 sand · 20 gravel · talus		S									A	20		✓		✓	MB
185	17+50M	4460'	40 any frag · 30 org · 30 silt		S	✓								A	20		✓		✓	MB
186	18+00M	4460'	70 silt · 10 frag · 20 org		E	✓		✓						B	25	✓			✓	RB
187	18+50M	4460'	60 silt · 20 frag · 20 fly		E	✓						✓		B	20	✓			✓	RB
188	19+00M	4460'	✓✓ · 30 fly · 10 org		S	✓						✓		B	25	✓			✓	RB
189	19+50M	4460'	80 silt · 20 frag		S	✓						✓		B	30	✓			✓	RB
190	20+00M	4460'	60 silt · 30 any frag · 10 org		S				✓					B	30	✓			✓	RB
191	20+50M	4460'	70 silt · 20 any frag · 10 org		S				✓					B	30	✓			✓	RB
192	21+00M	4460'	✓✓ · ✓✓ · ✓✓		S				✓					B	25	✓			✓	RB
193	21+50M	4460'	✓✓ · ✓✓ · ✓✓		S				✓					B	25	✓			✓	RB
194	22+00M	4460'	60 silt · ✓✓ · 20 org		S	✓						✓		B	25	✓			✓	RB
195	22+50M	4460'	50 silt · 40 any frag · 10 org		S	✓						✓		A	45		✓		✓	DB
196	23+00M	4460'	✓✓ · ✓✓ · ✓✓		S	✓						✓		B	25	✓			✓	LB
197	23+50M	4460'	30 silt · 30 any frag · 40 org		E	✓						✓		A	25		✓		✓	RB
198	24+00M	4460'	50 org · ✓✓ frag · 20 silt		E	✓						✓		A	25		✓		✓	RB
199	24+50M	4477'	50 any frag · 50 org Talus Slide		E	✓								A	30		✓		✓	BLK
200	25+00M	4460'	40 any frag · 30 silt · 30 org		E	✓								A	20		✓		✓	LB
			0 0 below cliffs o/c																	
			E.O.L.																	

APPENDIX VIII

Rock Geochemistry Results

NEW PYE

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN

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-0168-RJ1
DATE: 90/07/26
• ROCK • (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90 F 152 R 045 SEESTER	9	5.9	103	114	35014	66	5	8	6500
90 F 152 R 046 NA	352	74.8	544	28574	14344	107	71	4	7750
90 F 152 R 047 NA	19	4.4	69	445	451	86	22	1	280
90 F 152 R 048	217	2.8	1911	144	120	23	1	29	95
90 F 152 R 049 NA.	1	.2	5511	52	94	1	2	1	90
90 V 152 R 002	184	81.7	1679	23168	11942	118	58	3	7375
90 V 152 R 003	245	6.9	312	1639	2876	571	17	1	1450
90 V 152 R 004	8	.1	23	86	70	62	1	51	150
90 V 152 R 039 SEESTER	11	2.4	94	110	9192	39	1	3	430
90 V 152 R 040 SEESTER	2	2.4	125	38	69	1	1	1	65
90 V 152 R 041 SEESTER	175	15.1	140190	142	27	1	110	2	265
90 V 152 R 042	22	2.5	244	68	48	990	1	1	80

SHOULD BE LABELED "U"

COMP: KEEWATIN ENGRG.
PROJ: 152
ATTN: R.NICHOLS/D.MEHNER

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-0569-RJ1
DATE: 90/09/28
• ROCK * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90 152 29341 B	53	1.0	141	51	260	1761	2	1	125
90 152 29342 B	97	1.4	140	17	43	1	1	1	65
90 152 29343 B	4800	41.9	7719	1238	939	724	20	1	65
90 152 29344 B	28	1.7	291	47	58	1	1	1	90
90 152 29345 B	497	2.8	553	84	45	413	5	5	100
90 152 29346 B	320	1.5	343	42	35	1123	1	2	85
90 152 29347 B	615	1.6	254	29	49	1	1	1	70
90 152 29348 B	3000	3.7	793	37	343	183	13	1	80
90 152 29349 B	2500	8.7	3048	56	202	921	10	1	110
90 152 29350 B	672	2.2	1491	59	507	181	3	1	125
90 152 29351 B	142	.8	789	24	53	31	1	1	100
90 152 29352 B	1	1.0	892	23	48	3188	1	1	60
90 152 29353 B	1020	.8	1159	15	52	4303	2	1	80
90 152 29354 B	22500	8.6	4721	62	122	27518	50	1	95
90 152 29355 B	97	1.8	185	17	46	115	1	1	80
90 152 29356 B	1670	2.7	855	29	85	400	1	1	95
90 152 29357 B	1000	2.3	398	19	51	1	1	1	65
90 152 29358 B	7100	25.7	1009	78	113	134	4	1	60
90 152 29359 B	183	3.4	308	17	52	1	1	5	90
90 152 29360 B	385	2.9	488	24	31	1	1	1	85
90 152 29361 B	19	2.4	96	13	60	1	1	1	110
90 152 29362 B	164	2.7	373	13	62	1	1	1	80
90 152 29363 B	210	1.0	166	23	39	1	1	1	125
90 152 29364 B	790	7.8	4381	27	64	139	24	2	115
90 152 29365 B	24	.2	380	19	27	3	1	1	85

COMP: KEEWATIN ENGRG.
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN

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-0131-RJ3
DATE: 90/07/16
• ROCK • (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	AS PPM	CU PPM	MO PPM	PB PPM	SB PPM	ZN PPM	HG PPB
90U 152R 018	3800	27.4	28	37071	1	79	28	91	45
90U 152R 019	6000	70.8	79	61117	739	177	55	232	35
90Y 152R 001	160	3.0	64	734	8	31	1	16	50
90Y 152R 002	12	3.8	41	2756	11	28	12	22	30
90Y 152R 003	210	7.4	2	13531	5	43	9	36	15
90Y 152R 004	54	.6	298	505	1	22	1	54	40
90Y 152R 005	93	2.0	1589	967	1	30	1	63	95
90Y 152R 006	1800	1.3	18666	779	1	33	14	35	30
90Y 152R 007	725	3.9	206	1716	1	28	33	53	115
90Y 152R 008	1560	3.1	459	894	1	49	210	110	95
90Y 152R 009	785	.9	72	416	1	32	1	29	155
90Y 152R 010	1000	1.7	5995	1367	1	34	4	51	60
90Y 152R 011	10500	26.7	57078	3080	1	49	81	47	380
90Y 152R 012	4500	3.1	211	1101	1	36	1	69	80
90Y 152R 013	56	.2	139	404	1	26	1	63	60
90Y 152R 014	42	2.7	274	342	1	25	1	54	80
90Y 152R 015	3000	24.1	31240	3793	1	344	57	188	190
90Y 152R 016	186	4.2	2182	302	1	47	32	161	220
90Y 152R 017	2	1.8	157	43	1	36	1	80	255
90Y 152R 018	74	3.7	84	387	1	22	1	50	70
90Y 152R 019	96	2.6	213	227	4	43	7	105	100
90Y 152R 020	37	3.9	96	206	5	163	5	1113	595
90Y 152R 021	99	2.6	107	454	1	33	2	73	150
90Y 152R 022	1	1.9	58	84	1	32	5	49	105
90Y 152R 023	250	2.6	216	159	1	40	13	334	9625
90U 152R 007	35000	24.7	65695	5318	1	45	123	68	365

COMP: KEEWATIN ENGINEERING INC.
PROJ: 153
ATTN: R.NICHOLS/M.BOBYN

MIN-EN LABS — ICP REPORT

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

FILE NO: OS-0143-RJ1+2
DATE: 90/07/19
• ROCK • (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90 NN 152 R 001	101	2.5	667	122	57	70	1	135	45
90 F 152 R 022	85	12.2	7177	43	36	18	4	3	20
90 F 152 R 023	1	9.6	4295	34	38	33	1	16	20
90 F 152 R 024	1	3.8	60	4073	7743	99	5	4	1980
90 F 152 R 025	2	3.5	20	2104	15346	18	2	7	1800
90 F 152 R 026	11	1.9	18	61	127	38	2	2	120
90 F 152 R 027	267	24.7	9428	50	195	36	7	18	30
90 F 152 R 028	620	1.1	167	36	29	493	1	1	35
90 F 152 R 029	171	3.1	66	38	7	211	4	1	55
90 F 152 R 030	442	3.7	185	48	3	8313	19	3	30
90 F 152 R 031	1100	19.3	2422	24	54	105	1	2	40
90 U 152 R 020	26	2.7	109	35	28	26	1	3	20
90 U 152 R 021	12	2.7	132	27	21	12	1	2	40
90 U 152 R 022	3	2.4	179	31	25	1	1	1	65
90 U 152 R 023	71	5.2	10	281	81	818	9	2	55
90 U 152 R 024	4	2.4	160	33	51	6	1	1	40
90 U 152 R 025	298	6.2	146	56	1	414	24	6	60
90 U 152 R 026	2	1.8	57	2327	4534	36	3	3	900
90 U 152 R 027	44	4.2	2887	55	60	61	2	11	30
90 U 152 R 028	256	28.8	2763	82	84	100	14	1	25
90 U 152 R 029	605	87.5	16388	84	224	1231	39	1	10
90 U 152 R 030	800	130.4	24901	66	147	430	27	2	10
90 O 152 R 016	1210	28.1	33762	68	77	403	33	89	15
90 O 152 R 017	7100	15.5	1416	26	1	26	9	27	25
90 O 152 R 018	28	2.8	355	31	34	1	1	3	20
90 O 152 R 019	3	2.4	194	28	17	1	1	1	25
90 O 152 R 020	7	2.6	119	32	31	3	1	3	20
90 O 152 R 021	29	2.7	50	23	13	15	1	1	15
90 O 152 R 022	12	1.5	268	21	1	46	1	1887	45
90 O 152 R 023	20	1.0	313	13	29	1	1	15	65
90 O 152 R 024	26	1.6	418	17	35	14	1	8	40
90 O 152 R 025	32	1.2	227	12	3	1	1	363	95
90 O 152 R 026	30	1.9	2522	15	29	24	1	28	45

COMP: KEEWATIN ENGRG.
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN

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-0131-RJ1+2
DATE: 90/07/24
• ROCK • (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
WOLF HS	7000	12.6	2129	52	60	42852	79	1	210
90F 152R 001 W	470	8.3	14928	47	64	416	15	8	95
90F 152R 002 W	350	22.1	4800	41	63	131	4	6	110
90F 152R 003 W	16	1.3	488	57	22	32	1	3	60
90F 152R 004 W	20	2.3	772	39	27	10	4	2	100
90F 152R 005	50000	15.5	11648	33	49	141	21	1	80
90F 152R 006	1350	2.7	1677	31	12	158	9	5	30
90F 152R 007	12000	35.7	28652	35	72	468	35	1	5
90F 152R 008	8	.6	8064	38	106	26	6	2	65
90F 152R 009	45000	9.2	4751	11	15	197970	830	1	430
90F 152R 010	7000	7.9	5894	25	79	53133	248	1	495
90F 152R 011	3500	15.9	10100	11	165	52283	110	1	410
90F 152R 012	585	.4	1259	19	20	667	9	1	90
90F 152R 013	32000	20.1	10228	34	192	59855	99	1	195
90F 152R 014	40000	17.8	8670	33	99	64118	97	1	120
90F 152R 015	10000	26.6	1951	1069	336	52230	177	1	185
90F 152R 016 TP	12000	14.9	1257	63	22	16166	136	1	25
90F 152R 017 W	630	11.0	7369	35	165	609	5	1	35
90F 152R 018 W	6	1.6	282	21	33	158	1	3	40
90F 152R 019 W	820	73.0	17223	53	34	923	16	12	30
90F 152R 020 W	2	1.8	4091	26	45	404	1	4	45
90F 152R 021 W	2200	60.4	29828	62	48	91	28	5	80
90D 152R 001 W	5	1.8	2862	36	308	23	1	3	135
90D 152R 002	22	.7	781	30	28	208	9	1	200
90D 152R 004	22000	48.3	2778	18	39	63752	83	1	310
90D 152R 005	10500	28.3	3819	23	17	59060	209	1	735
90D 152R 006	4580	5.3	1868	34	21	39440	60	2	135
90D 152R 007	147	.3	290	29	52	650	2	5	140
90D 152R 008	17400	18.6	1665	14	185	10	1	1	75
90D 152R 009	19	.1	37	16	7	66	1	13	135
90D 152R 010	13	1.9	18	28	38	51	1	1	45
90D 152R 011	146	6.6	67	229	536	2655	225	6	145
90D 152R 012	8000	177.4	1726	4490	10343	579	52	6	20750
90D 152R 013	205	3.9	747	68	85	46	1	35	140
90D 152R 014	1900	19.1	1324	63	25809	6140	86	4	20350
90D 152R 015	43	2.5	907	29	178	117	41	1	920
90U 152R 001	650	.7	1317	27	44	451	3	17	70
90U 152R 002	445	2.5	2671	30	201	96	5	6	90
90U 152R 003	790	1.9	1625	28	27	54	4	13	45
90U 152R 004	360	3.3	2533	25	25	73	14	1	30
90U 152R 005	2400	5.2	4120	36	84	227	26	4	65
90U 152R 006	12000	4.9	816	53	21	161	49	1	210
90U 152R 007	35000	24.7	5318	45	68	65695	123	1	365
90U 152R 008	25000	28.5	13470	81	541	5815	39	1	70
90U 152R 009	3050	10.2	7665	295	1131	747	32	3	180
90U 152R 010	3900	58.7	20411	1308	2078	727	1	1	110
90U 152R 011	6900	51.0	10367	928	684	515	1	1	95
90U 152R 012	4700	52.1	7182	991	513	665	1	1	45
90U 152R 013	695	5.9	406	116	363	333	1	2	10
90U 152R 014	1260	27.4	3835	381	109	1459	11	4	45
90U 152R 015	1500	18.2	3308	242	101	1857	11	3	25
90U 152R 016 W	2000	37.1	35135	69	57	118	34	4	55
90U 152R 017 W	3000	38.7	24724	53	29	14	21	5	15

Rock 152

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN

MIN-EN LABS — ICP REPORT

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

FILE NO: 90-0450-RJ1
DATE: 90/07/25
* ROCK * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90 U 152R 031	9700	3.3	3572	84	12	148825	188	1	175
90 U 152R 032 FPK	54500	5.4	1506	32	77	118350	149	1	255
90 U 152R 033	38500	29.2	62250	87	18	1468	68	1	835
90 U 152R 034	1000	25.5	5165	34	26	3106	3	1	190
90 U 152R 035	96	40.8	803	5309	43659	1957	70	12	13750
90 U 152R 036	25	96.0	347	24608	13143	175	78	8	14125
90 U 152R 037	30300	17.1	1473	243	228	188900	437	1	1150
90 U 152R 038	142	48.8	288	4926	279225	2000	235	33	6750
90 NN 152R 002	59000	41.7	50125	115	1319	1756	57	5	890
90 V 152R 001	90	1.9	321	56	916	37	1	1	235
90 F 152R 032 FPK	5500	26.0	2924	72	76	96500	121	1	315
90 F 152R 033 FPK	18000	12.5	4374	76	105	196650	218	1	470
90 F 152R 034	150	.9	195	40	31	2443	1	2	135
90 F 152R 035	720	2.8	3958	53	87	1589	1	1	275
90 F 152R 036	15	1.2	111	28	55	88	1	1	90
90 F 152R 037	620	1.0	1207	45	43	170	1	1	75
90 F 152R 038	1	1.1	256	38	45	36	2	1	100
90 F 152R 039	5520	42.6	1357	923	3121	1395	78	1	1730
90 F 152R 040	140	4.3	35	527	2470	12807	236	2	670
90 F 152R 041	190	1.8	676	66	207	112	1	22	270
90 F 152R 042	376	37.9	860	4098	17921	26783	445	12	46750
90 F 152R 043	47	7.5	489	688	950	950	24	11	820
90 F 152R 044	30	48.4	240	3589	252625	1002	185	30	41625

West of Axe III

North Seestrek

Axe 107

West Axe III

North Seestrek

152

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN

MIN-EN LABS — ICP REPORT

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

Rock

FILE NO: OS-0236-RJ1+2
DATE: 90/08/10
• ROCK • (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90Y 152 R 024	61	3.7	143	8	63	1	1	1	110
90Y 152 R 025	95	3.4	118	8	51	1	1	1	85
90Y 152 R 027	32	1.8	74	16	55	1	1	1	210
90Y 152 R 028	41	1.8	72	16	36	1	1	1	265
90Y 152 R 029	72	2.4	70	8	48	1	1	1	285
90Y 152 R 030	41	1.9	43	20	24	1	1	1	220
90Y 152 R 031	6400	2.5	104	8	52	1	1	1	310
90Y 152 R 032	21	2.5	170	8	19	1	1	1	140
90O 152 R 028	11	2.8	1103	8	65	1	1	1	95
90O 152 R 029	23	13.3	344	364	7127	1795	37	56	13000
90O 152 R 030	6400	32.1	65080	84	123	1	68	12	145
90O 152 R 031	3300	5.5	10105	28	181	52	13	12	430
90O 152 R 032	5800	11.7	74919	81	16	1	80	51	90
90O 152 R 033	82	2.7	907	25	21	1	1	1	110
90U 152 R 043	236	13.4	65465	84	20	1	65	4	240
90U 152 R 044	61	1.9	1687	44	45	1	1	20	400
90U 152 R 045	83	2.9	639	8	74	1	1	1	140
90U 152 R 046	17000	7.4	605	33	36	22593	5	1	75
90U 152 R 047	164	2.7	220	8	58	81	1	1	160
90U 152 R 048	280	2.8	116	8	57	326	1	1	130
90U 152 R 049	481	14.3	327	3287	2826	774	14	1	1750
90U 152 R 050	2150	264.7	2720	15026	41107	431	81	5	16625
90U 152 R 051	1420	133.7	33723	277	1420	262	3883	1	1490
90U 152 R 052	150	6.4	1034	90	220	1	65	65	270
90U 152 R 053	841	5.3	2168	68	80	17	41	2	220
90U 152 R 054	111	4.3	794	63	64	52	17	3	175
90U 152 R 055	24000	8.7	870	38	44	45	7	1	190
90U 152 R 056	781	1.5	129	19	84	1	1	1	155
90U 152 R 057	132	1.6	106	20	37	1	1	1	120
90V 152 R 005	154	1.9	102	10	82	1	1	1	100
90V 152 R 006	495	5.3	12114	41	16	18	11	8	135
90V 152 R 007	92	2.6	387	76	295	1	1	1	125
90V 152 R 008	112	2.1	298	18	21	1	1	1	140
90V 152 R 009	96	1.5	85	25	68	1	1	14	125
90V 152 R 010	87	6.3	9096	30	10	7	10	1	180
90V 152 R 011	74	2.7	1414	26	4	25	4	1	110
90V 152 R 012	121	4.2	7035	20	5	1	7	1	120
90V 152 R 013	1810	7.5	29928	46	12	84	34	16	190
90V 152 R 014A	126	1.2	683	13	65	1	1	1	125
90V 152 R 014B	101	64.4	237	86	62	445	8	1	1310
90V 152 R 015	54	1.8	141	11	13	632	1	1	185
90V 152 R 016	91	1.5	66	24	15	11	1	1	150
90V 152 R 017	283	2.8	249	37	9	143	8	7	470
90F 152 R 050	2350	139.5	2099	3540	71259	264	44	8	21375
90F 152 R 051	176	3.8	72	83	1212	1	1	1	565
90F 152 R 052	1200	3.6	107	55	81835	550	19	10	21750
90F 152 R 053	21	6.0	4164	20	1192	1	1	1	595
90F 152 R 054	33	4.1	85	10	665	1	1	1	315
90F 152 R 055	163	1.2	3435	20	163	14	4	1	185
90F G7 001	1400	.9	47	10	151	1	1	1	820
90F G7 002	2	1.2	32	10	44	1	1	4	740

152
Rock

COMP: KEEWATIN ENGINEERING
PROJ: 152
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-1206-RJ1
DATE: 90/08/22
• ROCK • (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90AD152R011	1400	64.3	2518	1866	12917	111111	503	1	575
900152R048	30000	36.7	1645	143	1174	3773	6	1	1070
900152R049	142	2.9	96	72	246	1921	14	3	235

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN

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-1198-RJ1
DATE: 90/08/27
• ROCK • (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90V 152 R 021	49	3.5	2589	41	28	1	9	40	95
90V 152 R 022	38	2.3	986	26	27	1	1	303	110
90V 152 R 023 TPK	1900	7.4	15187	40	44	1	6	109	175
90AD 152 R 012 N SEESTER	18	5.6	910	5843	1916	1	16	21	8750
90AD 152 R 013 N "	2	1.8	421	186	117	112	1	146	180
90AD 152 R 014 N "	2	.8	537	132	83	1	1	1	145
90AD 152 R 015 NA	1	1.8	373	61	85	1	1	1	155
90AD 152 R 016	850	9.8	591	105	67	26247	514	2	420
90AD 152 R 017	2	1.8	3440	44	11	547	11	1	185
90AD 152 R 018	35	31.7	520	25018	20939	200	83	6	9625

COMP: KEEWATIN ENGINEERING
PROJ: ASCOT-152
ATTN: R.NICHOLS/M.BOBYN

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-1280-RJ1
DATE: 90/09/05
• ROCK • (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90-V-152R-024 TP	13	1.5	596	12	25	4	1	29	110
90-V-152R-025	9	1.8	354	11	20	1	1	12	320

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R.NICHOLS/D.MEHNER

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-0505-RJ1
DATE: 90/09/18
* ROCK * (ACT:F31)

TREVOR PEAK

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90-00-152R-001	205	5.4	727	192	124	50	217	1	100
90-00-152R-002	700	.3	685	5	28	1	1	1	105
90-00-152R-003	570	6.5	10483	23	902	1	1	10	165
90-00-152R-004	1720	6.1	2543	62	469	6305	35	6	600
90-00-152R-005	1100	135.7	42916	59	195	122	41	100	855
90-DP-152R-021 NA SEESTER	1140	11.5	1379	912	6244	2969	1	1	4830
90-DP-152R-022 NA SEESTER	43	25.5	9463	171	922	187	13	1	455
90-DP-152R-023 N. SEESTER	1400	10.0	771	318	8017	5430	11	1	6020
90-DP-152R-024 N	310	10.7	1967	114	116	2046	9	1	690
90-DP-152R-025 N SEESTER	200	22.2	1985	2273	30492	1585	9	1	18000
90-DP-152R-026 N	66	13.7	361	8630	10656	113	28	2	2110

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R.NICHOLS/D.MEHNER

MIN-EN LABS — ICP REPORT

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

FILE NO: OS-0527-RJ1+2
DATE: 90/09/22
* ROCK * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90 BR 152R-001	40	4.6	1926	31	27	49	8	1	245
90 BR 152R-002	5	1.9	987	6	97	1	1	1	115
90 BR 152R-003	6	1.9	132	14	46	1	1	1	440
90 OO 152R-007 TREVOR PEAK	2000	9.2	8660	33	144	2295	25	78	240
90 OO 152R-008 TREVOR PEAK	255	2.5	1003	17	29	175	5	3	60
90 U 152R-082	15	106.8	33382	51	80	1	28	2	155
90 U 152R-083	10	2.1	514	184	112	1	1	1	385
90 F 152R-085	2	3.8	692	9	91	1	1	1	120
90 NN 152R-200	1	.9	1249	20	53	1	1	1	85
90 152 29201	3	1.3	127	10	47	1	1	1	65
90 152 29202	9	1.1	319	26	30	1	1	1	85
90 152 29203	8700	9.6	36698	48	17	1	41	1	25
90 152 29204	252	2.1	4974	23	27	1	1	1	65
90 152 29205	47	.9	411	22	51	1	1	1	75
90 152 29206	12	.7	265	16	52	1	1	1	65
90 152 29207	4	1.0	133	22	52	1	1	1	80
90 152 29208	27	2.6	5987	36	50	7	10	1	45
90 152 29209	2	2.0	3212	22	59	6	4	1	55
90 152 29210	5	1.5	156	29	28	2	2	2	140
90 152 29211	3	1.5	117	31	41	23	1	1	210
90 152 29212	4	1.0	70	33	48	26	1	3	60
90 152 29213	3	1.8	139	31	81	1	1	2	195
90 152 29214	4	1.0	109	42	52	1	1	1	85
90 152 29215	346	13.3	26168	68	100	13	30	1	235
90 152 29216	10	.6	244	21	45	1	1	1	60
90 152 29217 PETAL CHIPS	2	1.0	759	27	46	1	1	1	105
90 152 29218	2	.9	263	15	68	1	1	1	130
90 152 29219	1	.6	20	10	96	1	1	1	95
90 152 29220	3	.9	136	10	98	1	1	1	85
90 152 29221	2	1.4	730	27	98	8	1	1	130
90 152 29222	1	1.1	132	22	56	1	1	1	145
90 152 29223	5	1.7	921	29	87	15	1	1	245
90 152 29224	1	1.4	80	27	34	19	1	1	65
90 152 29225	2	1.2	274	31	49	8	1	1	105
90 152 29226	1	1.3	66	33	32	32	1	1	120
90 152 29227	2	1.7	102	25	108	20	1	1	215
90 152 29228	4	1.7	58	22	87	37	1	1	200
90 152 29229	1	1.7	79	21	67	15	1	1	75
90 152 29230	78	1.5	1418	23	29	25	1	1	140
90 152 29231	60	1.5	1122	28	32	1	1	1	100
90 152 29232	3	1.2	237	26	49	28	1	1	145
90 152 29233	1	1.5	64	22	40	1	1	1	85
90 152 29234	730	7.9	18295	55	17	7	20	3	160
90 152 29235	1000	1.6	2341	13	44	1	1	1	35
90 152 29236	2200	2.6	3616	25	39	1	1	1	140

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R.NICHOLS/D.MEHNER

MIN-EN LABS — ICP REPORT

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

FILE NO: OS-0550-RJ1
DATE: 90/09/27
• ROCK • (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90 152 R29237	29	1.2	88	48	64	1	1	1	345
90 152 R29238	2	.3	147	22	71	1	1	1	140
90 152 R29239	12	.6	202	49	85	1	1	1	225
90 152 R29240	31	.5	248	33	78	1	1	1	145
90 152 R29241	2	.8	186	33	57	1	1	1	130
90 152 R29242	14	1.0	186	29	49	1	1	1	110
90 152 R29243	9	1.4	402	24	36	1	1	1	105
90 152 R29244	6	1.1	108	31	41	1	1	1	90
90 152 R29245	2	1.2	225	31	36	1	1	1	95
90 152 R29246	1	.9	49	24	50	1	1	1	80
90 152 R29247	4	.9	35	30	44	1	1	1	100
90 152 R29248	3	.9	15	40	33	1	1	1	95
90 152 R29249	3	.9	53	30	124	1	1	1	120
90 152 R29250	12	3.4	229	50	13	118	8	8	215
90 152 R29251	9	1.9	163	37	119	23	1	2	370
90 152 R29252	110	2.1	420	53	26	43	3	1	195
90 152 R29253	18	2.2	90	40	137	40	1	3	475
90 152 R29254	6	1.0	91	34	28	1	1	1	140
90 152 R29255	9	2.3	3091	22	38	1	1	1	145
90 152 R29256	8	.9	148	34	37	1	1	1	80
90-00-152-R-006	19	2.4	325	19	42	1	1	38	65
90-00-152-R-009	368	1.3	2630	22	51	1	5	1	100
90-00-152-R-010	800	3.5	575	193	30	1020	11	3	85
90-00-152-R-011	34	.8	263	15	23	1	1	1	105
90-DP-152-R-027 NA	55	2.9	10019	29	6	1	10	1	85
90-DP-152-R-028 NA	8450	14.4	16205	60	34	23	20	12	195
90-DP-152-R-029 NA	16500	19.5	26990	60	16	28	29	3	205
90-DP-152-R-030 NA	5600	3.2	6598	25	6	25	6	6	145
90-DP-152-R-031 NA	1980	3.9	15635	38	9	6	18	1	120

TREVOR PEAK

N.W. VIOLET.

COMP: KEEWATIN ENGRG.
PROJ: 152
ATTN: R.NICHOLS/D.MEHNER

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-0570-RJ1+2
DATE: 90/10/02
• ROCK • (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90 152 R29301 B	535	2.4	525	15	36	28	1	1	75
90 152 R29302 B	2710	4.9	1966	16	60	17871	31	1	85
90 152 R29303 B	786	2.9	582	20	38	842	1	1	110
90 152 R29304 B	100	.8	137	15	39	1	1	1	35
90 152 R29305 B	3	.1	446	16	32	1	1	1	50
90 152 R29306 B	420	.1	474	19	21	254	1	1	105
90 152 R29307 B	421	1.1	386	18	22	25	1	1	65
90 152 R29308 B	559	.2	110	11	38	1	1	1	50
90 152 R29309 B	256	.1	576	17	32	87	1	1	75
90 152 R29310 B	1050	.2	697	13	32	1	1	1	60
90 152 R29311 B	616	.1	622	27	19	235	5	1	50
90 152 R29312 B	810	.9	623	26	16	775	20	1	55
90 152 R29313 B	1500	1.2	572	20	21	288	9	1	50
90 152 R29314 B	170	.8	1150	24	44	1	1	1	70
90 152 R29315 B	72	1.1	3677	22	73	15	1	1	55
90 152 R29316 B	537	.3	1221	25	26	48	1	1	80
90 152 R29317 B	83	.4	1193	28	57	17	1	1	45
90 152 R29318 B	143	1.2	756	36	70	240	1	1	65
90 152 R29319 B	447	.2	399	25	24	645	1	1	70
90 152 R29320 B	187	.7	173	10	31	173	1	1	100
90 152 R29321 B	438	.7	301	14	26	174	1	1	105
90 152 R29322 B	594	.3	324	9	24	1	1	1	85
90 152 R29323 B	2640	7.6	651	43	33	903	10	1	35
90 152 R29324 B	490	.8	318	21	31	1	1	1	60
90 152 R29325 B	294	1.7	947	33	42	598	1	1	25
90 152 R29326 B	11	2.0	1161	27	85	497	1	1	55
90 152 R29327 B	415	8.3	6720	44	70	2712	1	1	100
90 152 R29328 B	228	2.1	967	11	52	1117	48	1	175
90 152 R29329 B	4000	2.8	2064	16	49	29843	89	1	85
90 152 R29330 B	79	2.9	126	10	45	132	1	1	50
90 152 R29331 B	1	1.4	913	11	60	90	1	1	85
90 152 R29332 B	2500	6.1	2513	11	55	23649	35	1	120
90 152 R29333 B	3400	13.8	2253	12	36	33996	128	1	150
90 152 R29334 B	15500	54.8	18679	38	79	59738	202	1	335
90 152 R29335 B	245	.6	713	11	53	1337	1	1	100
90 152 R29336 B	1360	6.7	1456	63	64	12459	19	1	110
90 152 R29337 B	375	2.6	351	11	47	1345	1	1	60
90 152 R29338 B	38	2.3	105	11	38	193	1	1	50
90 152 R29339 B	390	4.6	593	130	278	4089	1	1	85
90 152 R29340 B	4	2.7	117	11	60	639	1	1	55

TREVOR PEAK

COMP: KEEWATIN ENGRG.
PROJ: 152
ATTN: R.NICHOLS/D.MEHNER

MIN-EN LABS — ICP REPORT

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

FILE NO: OS-0610-RJ1+2
DATE: 90/10/09
* ROCK * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90 152 R29257	158	1.3	1199	49	56	40	1	4	350
90 152 R29258	6	1.2	234	36	50	38	3	3	65
90 152 R29259	3	2.4	5605	38	39	8	6	4	120
90 152 R29260	20	1.1	888	37	36	1	3	2	45
90 152 R29261	241	4.0	10761	45	32	41	10	2	115
90 152 R29262	1	1.1	381	34	40	1	3	2	35
90 152 R29263	1	1.1	204	29	34	4	1	4	50
90 152 R29264	3700	10.9	20300	55	42	18	20	1	140
90 152 R29265	5450	16.9	35322	55	32	5	36	4	100
90 152 R29266	118	1.6	1829	25	32	31	2	4	55
90 152 R29267	53	2.4	3198	28	26	15	3	2	75
90 152 R29268	6	1.7	602	30	36	67	2	6	60
90 152 R29269	1	1.7	211	30	39	70	3	4	55
90 152 R29270	7	1.0	204	29	41	34	1	3	35
90 152 R29271	10	.9	215	32	32	35	1	2	50
90 152 R29272	7350	12.8	28725	59	36	34	30	5	55
90 152 R29273	385	1.8	1676	31	59	44	6	1	40
90 152 R29274	71	1.4	360	39	49	24	4	1	45
90 152 R29275	80	1.5	171	39	43	16	4	3	65
90 152 R29276	23	1.2	181	32	54	26	2	3	35
90 152 R29277	10	1.1	361	36	52	21	4	4	105
90 152 R29278	8700	10.8	34872	66	27	1	38	3	115
90 152 R29279	230	1.0	1729	46	55	28	4	5	265
90 152 R29280	110	1.3	933	35	41	20	2	3	145
90 152 R29281	3	1.7	56	34	39	50	3	2	40
90 152 R29282	1	1.7	97	34	32	65	1	1	45
90 152 R29283	3	1.7	128	21	33	61	2	3	55
90 152 R29284	1	1.1	146	27	48	39	4	4	25
90 152 R29285	1	1.4	100	43	41	35	4	4	20
90 152 R29286	143	1.7	629	28	46	70	5	2	75
90 152 R29287	1	1.2	136	35	41	57	4	4	45
90 152 R29288	1	1.1	59	28	28	22	2	1	50
90 152 R29289	53	2.2	1871	41	11	37	4	1	85
90 152 R29290	1	1.1	77	36	27	25	3	1	25
90 152 R29291	21	1.4	1691	46	26	11	4	3	35
90 152 R29292	5200	12.8	37590	64	21	1	41	2	20
90 152 R29293	81	1.3	1405	34	31	20	4	2	85
90 152 R29294	1	1.5	310	43	39	25	3	1	100
90 152 R29295	3350	5.8	16134	48	43	1	19	3	45
90 152 R29296	406	6.4	18979	60	19	8	22	2	310
90 152 R29297	1	1.5	281	38	41	54	3	2	55
90 152 R29255	752	7.9	486	2067	8697	224	13	9	22625
90AA 152 R001	23	1.7	820	80	151	71	2	3	575
90AA 152 R002	1	2.2	3215	50	62	77	7	6	275
90AA 152 R003	1985	21.7	49109	100	35	2463	77	1	95
90AA 152 R004	1600	16.9	36385	83	25	4248	68	1	185
90AA 152 R005	37	8.0	9555	59	30	166	18	2	165
90AA 152 R006	28	3.6	4835	41	13	116	11	2	85
90U 152 R079	183	7.8	12081	47	10	151	19	2	310

NR VIOLET

SEBSTER

COMP: KEEEWATIN ENGRG.
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN/D.MEHNER

MIN-EN LABS — ICP REPORT

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

FILE NO: OS-0447-RD1+J7+J8+J2
DATE: 90/10/10
• ROCK • (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90F 152R 065	22	17.2	10123	66	74	58	20	2	105
90F 152R 066	8	15.8	4858	34	19	35	12	1	35
90F 152R 067	22	2.8	4164	25	20	25	9	2	45
90F 152R 068	6	33.1	606	2202	151690	575	135	12	8250
90F 152R 069	25	3.1	280	71	2602	85	14	6	140
90F 152R 070	22	1.5	371	42	1514	1	9	3	60
90F 152R 071	121	13.0	115	994	39158	178	16	6	4000
90F 152R 072	23	39.4	250	10104	16147	249	59	1	1630
90F 152R 073	134	939.0	471	76971	141997	2909	827	21	7500
90F 152R 074	11	18.2	124	2204	2660	65	23	17	120
90F 152R 075	177	40.5	350	5649	45458	725	133	15	3250
90F 152R-076	40	38.5	8492	83	841	138	21	20	995
90F 152R-077	42	4.5	2078	397	825	108	11	7	945
90F 152R-078	408	16.2	1723	201	735	2390	19	1	1510
90DP 152R-001	15	5.6	5790	445	969	39	16	1	120
90DP 152R-002	8	3.5	2395	140	341	94	7	2	65
90DP 152R-003	5	1.2	155	94	200	54	1	1	20
90DP 152R-004	8	1.8	4715	185	189	7	5	1	65
90DP 152R-005	6	2.3	1741	76	79	87	6	1	45
90DP 152R-006 NA	9	1.3	3652	31	62	11	3	2	5
90DP 152R-007	8	5.2	27689	108	48	15	32	2	30
90DP 152R-008	9	9.9	986	100	139	408	33	902	1875
90DP 152R-009	30	6.7	49275	89	54	27	63	25	115
90DP 152R-010	8	1.4	1420	27	20	48	2	8	50
90DP 152R-011	13	1.6	8254	41	30	38	9	4	25
90DP 152R-012	13	1.5	6491	28	29	50	6	3	15
90DP 152R-013	260	1.4	9764	44	25	46	11	2	25
90DP 152R-014	19	1.9	101	31	60	1	1	33	275
90U 152R-067	25	1.7	255	25	56	1	2	1	145
90U 152R-068	8	3.4	1005	32	97	1	46	1	435
90U 152R-069	1930	7.3	24832	51	38	1	33	2	155
90U 152R-070	86	3.0	2950	2001	226	21	9	2	1010
90U 152R-071	7	40.1	3723	183	6641	1466	431	18	5500
90U 152R-072	239	12.3	8356	97	88	30	21	5	145
90U 152R-073	90	12.1	28058	59	29	27	33	2	235
90U 152R-074	125	11.2	13637	34	6	28	18	1	180
90U 152R-075	5210	20.8	41486	56	12	15	47	2	275
90U 152R-076	26	1.6	3121	25	41	17	5	3	85
90U 152R-077	27	1.7	11051	21	84	34	13	1	145
90U 152R-078	14	2.1	12363	30	62	37	14	3	160

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R. NICHOLS/D. MEHNER

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-0639-RJ1
DATE: 90/10/11
* ROCK * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90-BR-152-004	4190	3.3	1219	6	35	3971	1	1	35
90-BR-152-005	186	2.4	2456	14	13	1	1	23	40
90-BR-152-006	179	2.4	139	16	52	32	1	1	25
90-BR-152-007	9	.9	180	12	78	1	1	1	35
90-BR-152-008	1590	3.4	29	45	35	264	3	2	45
90-BR-152-009	36	2.4	113	42	67	91	4	2	35
90-BR-152-010	26	1.2	64	37	13	77	1	4	40
90-BR-152-011	3480	6.0	319	595	245	166	6	2	225
90-BR-152-012	39	14.6	25	190	130	18	47	1	1395
90-BR-152-013	308	11.9	46	164	130	49	205	25	395

EAST
HDR N

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R. NICHOLS/M. BOBYN

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-1112-RJ1+2
DATE: 90/10/13
• ROCK • (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90.0.152R 027 NA	2	2.0	101	40	82	1	1	1	340
90.0.152R 034 TAT-KID	103	2.4	114	30	41	102	9	12	335
90.0.152R 035 SEESTER	13	2.8	4638	33	22	1	2	1	190
90.0.152R 036 SEESTER	2250	10.5	3828	85	43	844	12	1	205
90.0.152R 037 SEESTER	408	28.4	140680	124	31	942	93	1	305
90.0.152R 038 SEESTER	30	6.1	3030	171	841	166	9	8	1320
90.0.152R 039 SEESTER	33	.4	591	36	411	1	1	1	44375
90.0.152R 040	67	.2	193	24	170	1	1	1	690
90.AD.152R 001 SEESTER	28	8.0	188	49	53657	22	19	10	71375
90.AD.152R 002	3	2.4	67	28	11351	1	1	1	22125
90.AD.152R 003	2	1.2	929	49	1027	20	1	3	720
90.AD.152R 004	25	1.7	76	113	478	1	1	1	600
90.AD.152R 005	24	56.7	1181	1546	49949	1621	52	1	22750
90.AD.152R 006	3	14.5	358	777	21753	1141	28	4	7875
90.AD.152R 007	7	2.1	284	70	1163	91	1	1	490
90.AD.152R 008	3	25.6	588	4051	1867	1772	13	1	450
90.AD.152R 009	5	128.8	249	35857	30405	406	125	2	915
90.AD.152R 010	288	36.2	1655	1541	9992	38150	116	1	330
90.0.152R 041	50	56.2	240	1358	79331	1139	98	12	13875
90.0.152R 042	7	5.2	65	317	3631	1610	9	8	830
90.0.152R 043	718	35.7	106	3718	3339	2662	56	7	1500
90.0.152R 044	100	137.2	581	722	26825	6527	6	1	20250
90.0.152R 045	8	6.0	8118	102	890	247	11	3	445
90.0.152R 046	27	5.3	23749	76	371	126	28	1	365
90.0.152R 047	567	26.5	25944	91	203	54	34	1	545
90.V.152R 018 SEESTER	3	1.2	1050	43	94	1	1	2	440
90.V.152R 020 SEESTER	510	26.0	9994	109	1355	119	17	8	8500
90.U.152R 058 SEESTER	683	11.5	18221	49	134	199	19	1	445
90.U.152R 059 SEESTER	625	15.3	21341	49	43	427	24	1	420
90.U.152R 060 SEESTER	552	7.4	10033	34	96	2061	22	3	335
90.U.152R 061 SEESTER	1500	31.3	39310	131	46	14901	111	1	125
90.U.152R 062	10000	50.3	64306	108	33	371	69	1	65
90.U.152R 063	50000	74.5	97050	122	28	142	88	1	70
90.U.152R 064	25000	54.2	168190	178	34	4	142	1	65
90.U.152R 065	20000	68.2	115850	124	41	1	100	1	60
90.U.152R 066	20000	64.3	140680	156	44	1	131	1	70

NORTH SEESTER

NEW AXE

NEW AXE

NA= NEW AXE

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R. NICHOLS/D. MEHNER

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-0693-RJ1
DATE: 90/10/23
• ROCK • (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90U152R84	2350	22.2	10896	20	74	185	6	1	15
90U152R85	205	13.7	3367	18	69	5	1	3	30
90U152R86 W	194	15.2	2333	43	25	171	1	10	25
90U152R87 W	340	2.0	81	26	26	67	1	6	55
90U152R88 W	208	5.8	1241	36	22	894	14	10	40

MIN-EN LABORATORIES
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FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

152
Rock

Assay Certificate

OS-0131-RA1

Company: KEEWATIN ENGRG.
Project: 152
Attn: R.NICHOLS/M.BOBYN

Date: JUL-16-90
Copy 1. KEEWATIN ENGRG., VANCOUVER, B.C.
2. KEEWATIN ENGRG., C/O JAYCOX

We hereby certify the following Assay of 30 ROCK samples submitted JUL-11-90 by M.BOBYN.

Sample Number	*AU g/tonne	*AU oz/ton
WOLF HS	7.10	.207
90F 152R 005	54.00	1.575
90F 152R 006	1.28	.037
90F 152R 007	12.60	.368
90F 152R 009	48.00	1.400
90F 152R 010	6.75	.197
90F 152R 011	4.12	.120
90F 152R 013	30.20	.881
90F 152R 014	43.60	1.272
90F 152R 015	11.00	.321
90F 152R 016	12.90	.376
90F 152R 021	2.53	.074
900 152R 004	23.30	.680
900 152R 005	11.10	.324
900 152R 006	5.30	.155
900 152R 008	19.20	.560
900 152R 012	8.82	.257
900 152R 014	1.96	.057
90U 152R 005	2.46	.072
90U 152R 006	13.60	.397
90U 152R 008	27.30	.796
90U 152R 009	3.68	.107
90U 152R 010	4.03	.118
90U 152R 011	7.75	.226
90U 152R 012	5.00	.146
90U 152R 014	1.18	.034
90U 152R 015	1.45	.042
90U 152R 016	2.37	.069
90U 152R 017	3.24	.095
90U 152R 018	3.62	.106

*AU - 1 ASSAY TON.

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1=2

Rock

Assay Certificate

OS-0131-RA2

Company: KEEWATIN ENGRG.
Project: 152
Attn: R.NICHOLS/M.BOBYN

Date: JUL-16-90
Copy 1. KEEWATIN ENGRG., VANCOUVER, B.C.
2. KEEWATIN ENGRG., C/O JAYCOX

We hereby certify the following Assay of 8 ROCK samples submitted JUL-11-90 by M.BOBYN.

Sample Number	*AU g/tonne	*AU oz/ton
90U 152R 019	6.40	.187
90Y 152R 006	1.76	.051
90Y 152R 008	1.51	.044
90Y 152R 010	1.10	.032
90Y 152R 011	11.15	.325
90Y 152R 012	4.73	.138
90Y 152R 015	2.98	.087
90U 152R 007	45.90	1.339

*AU - 1 ASSAY TON.

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TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

OS-0143-RA1

Company: KEEWATIN ENGINEERING INC.
Project: 152
Attn: R.NICHOLS/M.BOBYN

Date: JUL-19-90
Copy 1. KEEWATIN ENGINEERING, VANCOUVER, B.C.
2. KEEWATIN ENGINEERING, SMITHERS, B.C.

We hereby certify the following Assay of 3 ROCK samples submitted JUL-13-90 by M.BOBYN.

Sample Number	*AU g/tonne	*AU oz/ton
90 F 152 R 031	1.19	.035
90 0 152 R 016	1.19	.035
90 0 152 R 017	10.40	.303

*AU - 1 ASSAY TON

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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

152
Rock

Assay Certificate

OS-0143-RA1

Company: KEEWATIN ENGINEERING INC. Date: JUL-19-90
Project: 152/3 Copy 1. KEEWATIN ENGINEERING, VANCOUVER, B.C.
Attn: R.NICHOLS/M.BOBYN 2. KEEWATIN ENGINEERING, SMITHERS, B.C.

We hereby certify the following Assay of 3 ROCK samples submitted JUL-13-90 by M.BOBYN.

Sample Number	*AU g/tonne	*AU oz/ton
90 F 152 R 031	1.19	.035
90 0 152 R 016	1.19	.035
90 0 152 R 017	10.40	.303

*AU - 1 ASSAY TON

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THUNDER BAY LAB.:
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SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Geochemical Analysis Certificate

OS-0131-XG1

Company: KEEWATIN ENGRG.
Project: 152
Attn: R.NICHOLS/M.BOBYN

Date: JUL-24-90
Copy 1. KEEWATIN ENGRG., VANCOUVER, B.C.
2. KEEWATIN ENGRG., C/O JAYCOX

We hereby certify the following Geochemical Analysis of 4 REJECTS SPLIT B samples submitted JUL-20-90 by M.BOBYN.

Sample Number	*AU-FIRE PPB
90F 152R 012 SPLITB	687
90D 152R 009 SPLITB	20
90D 152R 010 SPLITB	24
90D 152R 011 SPLITB	150

*AU - 1 ASSAY TON.

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SMITHERS LAB.:
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Assay Certificate

OS-0131-RA2

Company: **KEEWATIN ENGRG.**
Project: 152
Attn: R.NICHOLS/M.BOBYN

Date: JUL-24-90
Copy 1. KEEWATIN ENGRG., VANCOUVER, B.C.
2. KEEWATIN ENGRG., C/O JAYCOX

He hereby certify the following Assay of 8 ROCK samples submitted JUL-20-90 by M.BOBYN.

Sample Number	*AU g/tonne	*AU oz/ton
90U 152R 019	6.40	.187
90Y 152R 006	1.76	.051
90Y 152R 008	1.51	.044
90Y 152R 010	1.10	.032
90Y 152R 011	11.15	.325
90Y 152R 012	4.73	.138
90Y 152R 015	2.98	.087

*AU - 1 ASSAY TON.

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SMITHERS LAB.:
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Assay Certificate

OS-0131-XA1

Company: **KEEWATIN ENGRG.**
Project: 152
Attn: R.NICHOLS/M.BOBYN

Date: JUL-24-90
Copy 1. KEEWATIN ENGRG., VANCOUVER, B.C.
2. KEEWATIN ENGRG., C/O JAYCOX

He hereby certify the following Assay of 10 REJECT SPLITS B samples submitted JUL-20-90 by M.BOBYN.

Sample Number	*AU g/tonne	*AU oz/ton	AG g/tonne	AG oz/ton
90F 152R 005 SPLITB	50.38	1.469		
90F 152R 009 SPLITB	46.75	1.364		
90F 152R 011 SPLITB	4.40	.128		
90U 152R 010 SPLITB	6.68	.195	69.5	2.03
90U 152R 011 SPLITB	4.86	.142	56.2	1.64
90U 152R 012 SPLITB	2.29	.067	52.2	1.52
90U 152R 013 SPLITB	.62	.018	5.2	.15
90U 152R 014 SPLITB	1.49	.043	26.1	.76
90U 152R 015 SPLITB	1.59	.046	27.2	.79
90U 152R 012 SPLITB	7.52	.219		

*AU - 1 ASSAY TON.

Certified by _____

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FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

152
Rock

Assay Certificate

OS-0158-RA1

Company: KEEWATIN ENGINEERING
Project: 152
Attn: R.NICHOLS/M.BOBYN

Date: JUL-25-90
Copy 1. KEEWATIN ENGINEERING, VANCOUVER, B.C.
2. KEEWATIN ENGINEERING, C/O JAYCOX

He hereby certify the following Assay of 9 ROCK samples submitted JUL-12-90 by M.BOBYN.

Sample Number		*AU g/tonne	*AU oz/ton
90 U 152 R 031		11.00	.321
90 U 152 R 032		58.80	1.715
90 U 152 R 033	NA	40.60	1.184
90 U 152 R 034	NA	1.03	.030
90 U 152 R 037	NA	31.40	.916
90 NN 152R 002		71.10	2.074
90 F 152R 032		4.20	.123
90 F 152R 033		18.60	.543
90 F 152R 039	NA	6.30	.184

*AU - 1 ASSAY TON.

Certified by

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FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

OS-0236-RA1

Company: KEEWATIN ENGINEERING
Project: 152
Attn: R.NICHOLS/M.BOBYN

Date: AUG-10-90
Copy 1. KEEWATIN ENGINEERING, VANCOUVER, B.C.
2. KEEWATIN ENGINEERING, C/O JAYCOX

We hereby certify the following Assay of ROCK samples submitted AUG-02-90 by R.PEGG.

Sample Number		AU g/tonne	AU oz/ton	
90Y 152 R 031	NA	6.05	.176	
900 152 R 030	NA	7.01	.204	
900 152 R 031	NA	3.28	.096	
900 152 R 032	TUK	6.44	.188	TUK
90U 152 R 046	NA	20.00	.583	
90U 152 R 050		2.25	.066	
90U 152 R 051		1.48	.043	
90U 152 R 055		24.47	.714	
90V 152 R 013	TUK	1.64	.048	TUK
90F 152 R 050		2.00	.058	
90F 152 R 052		1.40	.041	
90F 67 001		1.34	.039	

Certified by _____

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FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

152
Rock

Assay Certificate

OV-1112-RA1

Company: KEEWATIN ENGINEERING
Project: 152
Attn: R.NICHOLS/M.BOBYN

Date: AUG-18-90
Copy 1. KEEWATIN ENGINEERING, VANCOUVER, B.C.
2. KEEWATIN ENGINEERING, C/O JAYCOX

We hereby certify the following Assay of 7 ROCK samples submitted AUG-10-90 by M.BOBYN.

Sample Number		*AU g/tonne	*AU oz/ton
90.0.152R 036		2.30	.067
90.U.152R 061		1.59	.046
90.U.152R 062		15.50	.452
90.U.152R 063	New	138.00	4.025
90.U.152R 064	axe	31.80	.928
90.U.152R 065		23.00	.671
90.U.152R 066		26.40	.770

*AU - 1 ASSAY TON

Certified by _____

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FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

OV-1206-RA1

Company: **KEEWATIN ENGRG.**
Project: 152
Attn: R.NICHOLS/D.MEHNER

Date: AUG-22-90
Copy 1. KEEWATIN ENGRG., VANCOUVER, B.C.
2. KEEWATIN ENGRG., C/O JAYCOX

He hereby certify the following Assay of 3 ROCK samples submitted AUG-20-90 by D.MEHNER.

Sample Number	*AU g/tonne	*AU oz/ton
90AD152R011	1.67	.049
90D152R048	30.70	.895

*AU - 1 ASSAY TON

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FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

152
Rock

Assay Certificate

OV-1198-RA1

Company: KEEWATIN ENGINEERING
Project: 152
Attn: R.NICHOLS/M.BOBYN

Date: AUG-22-90
Copy 1. KEEWATIN ENGINEERING, VANCOUVER, B.C.
2. KEEWATIN ENGINEERING, C/O JAYCOX

We hereby certify the following Assay of 1 ROCK samples submitted AUG-19-90 by M.BOBYN.

Sample Number	*AU g/tonne	*AU oz/ton
90V 152 R 023	2.00	.058

*AU - 1 ASSAY TON

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THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

OS-0447-RA2

Company: KEEEWATIN ENGRG.
Project: 152
Attn: R.NICHOLS/M.BOBYN/D.MEHNER

Date: SEP-12-90
Copy 1. KEEWATIN ENGRG., VANCOUVER, B.C.
2. KEEWATIN ENGRG., C/O JAYCOX

We hereby certify the following Assay of 3 ROCK samples submitted SEP-11-90 by C.KAUSS.

Sample Number	AU g/tonne	AU oz/ton
90U 152R-069	2.52	.074
90U 152R-075	5.42	.158
90AD 152R-023 — ?	3.10	.090

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FAX (807) 623-5931

SMITHERS LAB.:
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Assay Certificate

OS-0505-RA1

Company: KEEWATIN ENGINEERING
Project: 152
Attn: R.NICHOLS/D.MEHNER

Date: SEP-18-90
Copy 1. KEEWATIN ENGINEERING, VANCOUVER, B.C.
2. KEEWATIN ENGINEERING, C/O JAYCOX

We hereby certify the following Assay of 4 ROCK samples submitted SEP-14-90 by C.KAUSS.

Sample Number	*AU g/tonne	*AU oz/ton
90-00-152R-004	2.81	.082
90-00-152R-005	1.07	.031
90-DP-152R-021 SEESTER	1.60	.047
90-DP-152R-023 NA	1.27	.037

*AU - 1 ASSAY TON

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FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

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Rock

Assay Certificate

OS-0527-RA1

Company: KEEWATIN ENGINEERING
Project: 152
Attn: R.NICHOLS/D.MEHNER

Date: SEP-22-90
Copy 1. KEEWATIN ENGINEERING, VANCOUVER, B.C.
2. KEEWATIN ENGINEERING, C/O JAYCOX

We hereby certify the following Assay of 4 ROCK samples submitted SEP-17-90 by D.MEHNER.

Sample Number	*AU g/tonne	*AU oz/ton
90 00 152R 007 ✓	2.17	.063
90 152 29203 } NEW AXE	8.40	.245
90 152 29235 } NEW AXE	1.04	.030
90 152 29236 } NEW AXE	1.96	.057

plotted

*AU - 1 ASSAY TON

Certified by _____

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NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Trevor Pk

152
Rock

Assay Certificate

OS-0569-RA1

Company: KEEWATIN ENGRG.
Project: 152
Attn: R.NICHOLS/D.MEHNER

Date: SEP-28-90
Copy 1. KEEWATIN ENGRG., VANCOUVER, B.C.
2. KEEWATIN ENGRG., C/O JAYCOX

We hereby certify the following Assay of 8 ROCK samples submitted SEP-23-90 by BOB RYZIUK.

Sample Number	AU g/tonne	AU oz/ton
90 152 29343 B	4.60	.134
90 152 29348 B	3.01	.088
90 152 29349 B	2.80	.082
90 152 29353 B	.94	.027
90 152 29354 B	23.00	.671
90 152 29356 B	1.60	.047
90 152 29357 B	1.00	.029
90 152 29358 B	7.40	.216

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TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

OS-0570-RA1

Company: KEEWATIN ENGRG.
Project: 152
Attn: R.NICHOLS/D.MEHNER

Date: OCT-02-90
Copy 1. KEEWATIN ENGRG., VANCOUVER, B.C.
2. KEEWATIN ENGRG., C/O JAYCOX

He hereby certify the following Assay of 9 ROCK samples submitted SEP-24-90 by BOB RYZIUK.

Sample Number		*AU g/tonne	*AU oz/ton	AG g/tonne	AG oz/ton
90 152 R29302 B		2.70	.079	5.7	.17
90 152 R29310 B		.99	.029	1.1	.03
90 152 R29313 B		1.56	.046	2.1	.06
90 152 R29323 B		2.75	.080	8.0	.23
90 152 R29329 B		3.84	.112	3.8	.11
90 152 R29332 B	TREVOR PEAK	2.42	.071	7.9	.23
90 152 R29333 B		3.61	.105	14.5	.42
90 152 R29334 B		17.00	.496	54.0	1.58
90 152 R29336 B		1.40	.041	8.0	.23

*AU - 1 ASSAY TON.

Certified by _____

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FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

OS-0610-RA1

Company: KEEWATIN ENGRG.
Project: 152
Attn: R.NICHOLS/D.MEHNER

Date: OCT-09-90
Copy 1. KEEWATIN ENGRG., VANCOUVER, B.C.
2. KEEWATIN ENGRG., C/O JAYCOX

He hereby certify the following Assay of 8 ROCK samples submitted OCT-01-90 by D.MEHNER.

Sample Number		*AU g/tonne	*AU oz/ton	AG g/tonne	AG oz/ton
90 152 R29264	VIOLET	3.61	.105	13.5	.39
90 152 R29265		5.52	.161	19.6	.57
90 152 R29272		7.41	.216	12.2	.36
90 152 R29278		9.10	.265	10.6	.31
90 152 R29292		5.78	.169	13.8	.40
90 152 R29295		3.56	.104	8.6	.25
90AA 152 R003	SEESTER	2.10	.061	26.4	.77
90AA 152 R004	SEESTER	1.71	.050	16.2	.47

*AU - 1 ASSAY TON.

Certified by _____

MIN-EN LABORATORIES

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SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

Hemlo East

VANCOUVER OFFICE:
705 WEST 15TH STREET
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TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

OS-0639-RA1

Company: KEEWATIN ENGINEERING
Project: 152
Attn: R. NICHOLS/D. MEHNER

Date: OCT-11-90
Copy 1. KEEWATIN ENGINEERING, VANCOUVER, B.C.
2. KEEWATIN ENGINEERING, C/O JAYCOX, B.C.

We hereby certify the following Assay of 3 ROCK samples submitted OCT-04-90 by D. MEHNER.

Sample Number	*AU g/tonne	*AU oz/ton	AG g/tonne	AG oz/ton
90-BR-152-004	4.41	.129	3.8	.11
90-BR-152-008	2.09	.061	4.0	.12
90-BR-152-011	4.46	.130	6.2	.18

*AU = *AU - 1 ASSAY TON

Certified by

MIN-EN LABORATORIES

APPENDIX IX

Rock Sample Descriptions

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: GJ ASCOT
Area (Grid):
Collectors: M. BOBYN

Results Plotted By: M. BOBYN
Map: NTS: 104 G 9
Date: JULY 1990 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90F152R 001	Axe 54 East of East Wolf Arm elev: 5300'		✓					Altered Monzodiorite/ Granodiorite	M.g. greenish White; Epidote + Chlorite Altered Granodiorite / Monzodiorite. Hem. Stain along f.f 1-2% Cpy; Malachite + Azurite Stain; Tr Py	
90F152R 002	Axe 54-53 boundary East of Wolf Creek elev: 4950'		✓					Altered Qtz Monzonite / Granodiorite	M.g. Intense Chlorite Altered / Mod Epidote altered Granodiorite / Qtz Monzonite; ≤ 1% Cpy; Tr Py, Mal + Azurite Stain.	
90F152R 003	Axe 48 East of Wolf Creek elev: 4500'		✓					Hornblende Granodiorite	Mg-C.g. Hornblende Granodiorite. Potassium feldspar + Epidote Altered. Mod. Magnetic, Carb veinlets throughout; Tr Cpy; Malachite Stain	
90F152R 004	As FR003						✓	Altered Hornblende Granodiorite	Grossened Altered Hornblende Granodiorite. ≤ 1% Cpy; 1-2% Py, 2-3% mt	
90F152R 005	Axe 47 - chute on North Face / Trevor Peak elev: 1260m		✓					Altered Silicified Volcanic? Sediment?	F.g. Greenish Grey; Altered Silicified Volcanic / Sed? 2-3% Cpy; Semimassive Py.	
90F152R 006	Axe 47 - chute FR005 elev 1272m / Trevor Peak		✓					Quartz Vein	Smoky Grey → Milky White "Crackle Qtz" Representative Sample of Native Cu-bearing Vein 1-2% Cpy; 2-3% Po 5-7% Py; Tr Bornite	
90F152R 007	Axe 47 - chute FR005 elev 1370m / Trevor Peak		✓					Massive Sulphide (Py)	F.g. Dark Grey-Jon Black; Extremely Weathered Friable Massive Py Zone in altered Volcanic Rock?	
90F152R 008	Axe 47 - Main Gossan elev - 1415m / Trevor Peak		✓					Diorite / Qtz Diorite	F.g. - M.g. Diorite ≈ 10% Qtz → Qtz Diorite. Sheared; Tr Cpy; Strong Malachite + Azurite Stain.	
90F152R 009	Axe 47 - Main Gossan East Side / Trevor Peak 4424'		✓					Qtz Vein in Massive Sulphide	Massive AsPy - f.g. in Milky White to Translucent Grey Qtz; Also contains Bornite; Py, Cpy Native Cu?	
90F152R 010	As 009; / Trevor Peak.							Qtz Vein = 15cm width	Bluish Crackle Qtz; in Silicified Volcanic/Sed? AsPy 1-3%; Cpy 3-5%; Py 3-5%; Po ≤ 1%	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: ASCOT 152 — Results Plotted By: M.BOBYN

Area (Grid): WOLF SOUTH + WOLF — Map: _____ NTS: 104 G 9 E

Collectors: M BOBYN — Date: _____ Surface ✓ Underground ___

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90 F152 R 011	On Main gossan; N. Slope - Trevor Peak Elev. 1440m; Tr from 009+10		✓					Massive Sulphide	Massive f.g. AsPy w 10-15% f.g. Py 2-3% Cpy blebs; < 2% Bornite	
90 F152 R 012	On Main gossan; 1405m Trevor Peak		✓					Altered, Silicified Volcanic? Greywacke?	F.g. greyish greens; Silicified; Minor Carb. Altered Sample from Mineralized Zone 1.5-2.0m wide/20m length; Zone of Pyrite Veining 0.1-3cm width.	
90 F152 R 013	1370m; Main Gossan Western-most chute. (same loc FR014; UR 7,8,9.		✓					Massive Sulphide	Massive f.g. AsPy + Lesser Cpy, Py, Bornite; Vein is ≤ 1m width max; Sample is Massive AsPy 15-20% Cpy; 5-10% Py; Tr Bornite	
90 F152 R 014	1370m; AS F152 R013 Trevor Peak.		✓					Massive Sulphide w Host Rock	F.g. Brownish-Red; Representitive sample of m.s. vein + wall rock; Host Volc Silicified Volc. ≈ 25% of sample.	
90 F152 R 015	1280m; Main gossan Same chute as R 013+014 Trevor Peak		✓					Siltstone	F.g. Greyish Black Siltstone; Patchy areas of semi massive Sulphide; 15-20% Py; < 3% Cpy. 3-5% silvery black unidentified sulphide - Stibnite??	
90 F152 R 016	1290m; Next chute to W 021° to Wolf Helipad. Trevor Peak.		✓					Siliceous qtzo-feldspathic Rock: Quartzite	F.g. v. siliceous. Pinkish-grey; quartzo-feldspathic rock; Mineralized Zone 40cm x 6m; 5-7% Po disseminations; 7-10% disseminated Py; 1-2% Cpy; Tr AsPy?	
90 F152 R 017	S Creek Bank E of Wolf Creek ≈ 4500' ≈ 200m S. of creek.		✓					Hbl. Grano-diorite	m.g-c.g. Hbl. 15-20%; Sl. chloritized; Patchy Epidote + K spar Alteration; Fracture/Shear Zone 0.5-0.75m width; ± 1% Cpy; Mal + Azurite; Mt.	
90 F152 R 018	On Creek; S. bank. Below FR17; Recess w/x. Slide Gouge; Sl goss.		✓					Hbl. Grano diorite; Monzo Diorite	Mg - Cg. Brownish Red; Deeply Weathered + friable Sheared; Strongly K-spar altered	
90 F152 R 019	On Some Creek FR17+18		✓					Qtz Vein w pods of Cpy to Biotite Granodiorite/ Monzodiorite	Glassy Red Qtz Vein 12-15cm width; Pods of oxidized Cpy to 5.0 cm width; Host rock - fractured Bt Granodiorite/Monzodiorite; Sample: 5-7% Cpy; < 1% Py; Mal + Azurite.	
90 F152 R 020	Ag FR 18 ≈ 4350'		✓						Wall rock from 019, Sheared + fractured Bt Grd/Monzodiorite; ≤ 1% Cpy; ≤ 1% Py; Mal + Azurite St; 2-3% Mt; Host Mineralized ≈ 1m width.	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: ASCOT 152
Area (Grid): WOLF AREA
Collectors: M. BOBYN

Results Plotted By: M. BOBYN
Map: ____ NTS: 104 G9E
Date: JULY, 1990 Surface ✓ Underground ____

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH): GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90 F152R 021	Axe53 4250' On N creek bank; 35m from Creek		✓					Qtz Vein in Sheared Qtz Monzodiorite	Qtz Vein in shear zone 30cm width; Traceable for 7m; Massive Cpy in Qtz to ≤ 4cm width Malachite Stained wall rock; High Grade Grab 15-20% Cpy	Tr Py
90 F152R 022	As FR021		✓					Sheared Qtz Monzodiorite w Qtz Veining	M.g. Pinkish White Weathered; Greenish Grey Fresh Epidotized, Chloritized Sheared Qtz Monzodiorite to Granodiorite; Representative Sample of host + shear	1-2% Cpy Tr Py Mal + Az
90 F152R 023	Axe53; 4165'; N creek Bank;		✓					Felsic Dyke; Granodiorite - Mineralized.	F.g; Buff Pink Weathered w Blue-Green Malachite + Azurite Stain; Greenish Grey Fresh; Epidote - Chl - Kspar Altered Gd. composition; 10cm - 1m width; 30m length; 1-2% Cpy; Mal + Az	
90 F152R 024	Axe 54; 5418'; Creek w 89AM26 sample; S creek bank		✓					Barite ± Calcite ± Qtz Veins	F.g. White; Discontinuous; crosscutting up to 0.5m width; Patchy ZnS, PbS, Minor Cpy + Py Mineralization High Grade Grab at best Mineralization - 5-7% ZnS; 1-2% PbS	Tr Py Cn
90 F152R 025	Axe54; 5362'; App 200m north of Creek;		✓					Barite ± Calcite ± Qtz Vein	F.g. White; subcrop of Barite veins - 2m width? Sample contains Barite w 2-3% PbS, 3-5% ZnS; Tr Py.	
90 F152R 026	Axe54; 5314' On W. facing slope;		✓					Altered Greywacke	F.g. Reddish Brown Weathered; Bluish Green Fresh; Carbonate Veinlets to 3.0cm width in Greywacke Sediments; Sl. silicified. 3-5% Py.	
90 F152R 027	Axe54; 4165'; Same Loc as R023							As FR023	As FR023	
90 F152R 028	Axe54; 5084'; Gossans on N. facing slope at Wolf Plateau		✓					Qtz Veins in Altered Chert/ Lithic Greywacke	F.g. cryptocrystalline, bluish white, fractured qtz vein + veinlets 0.5-3.0m width, ≥ 10m length in Carbonate Altered Sediments; Sheared; 15-20% Py in pods 15cm x 2.0m	
90 F152R 029	Axe 54; 5084'; 15m from R028; N. facing slope at Wolf Plateau		✓					As 028	As 028	
90 F152R 030	Axe 54; 3804'; Same Creek as R023; N Creek bank							Silicified Siltstone + G. Wacke w Qtz Veining	F.g. Glassy Red Qtz vein w in silicified zone of altered Sediments; Up to 3.0cm vein; Cut by Mt. Bearing [illegible] Sample of Qtz Carb Alt [illegible] - 2-3% AsPy 3-4% Py	1-2% Cpy Tr PbS

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: GJ ASCOT
Area (Grid):
Collectors: M. BOBYN

Results Plotted By: M. BOBYN
Map: NTS: 104 G9
Date: JULY 1990 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90 F152 R 031	Axe 54; Same Location as R030		✓					As 030	Qtz "Blow-Out" 0.75m width; F.g. White (M.14) Fractured Qtz Lens; ½ - 1% Cpy; ½ - 1% ZnS Tr AsPy; 1-2% Py; Malachite Stain.	
90 F152 R 032	Axe 47, South face Trevor Peak 4950'		✓					Sheared Andesitic Tuffs;	F.g. Greyish Brown Fresh; 10-50cm wide shear zone traceable for 20-25m; Sulphide Pods 5-10cm width contained; 3-5% coarse Py; 1-3% f.g. AsPy.	
90 F152 R 033	Axe 47; South face Trevor Peak; Below UR031 + FR032; 4805'		✓					Sheared Chl. Altered Massive Andesite	F.g. Greyish Brown; Dark reddish yellow Fresh Anastomosing shear zone 20cm - 1.5m width; Sulphide Pods ≤ 10cm width; S. massive AsPy ± Py	
90 F152 R 034 NA	Axe 108; New NE Axe claim On Creek Bank 3580'?						✓	Carb + Chl. Altered Silicified Volcanic	F.g. Reddish Brown Weathered; Light Greyish White Fresh; Carb-Chl-Qtz altered; Subangular Boulder of Volcanic? Rock 30cm diameter Tr - ½ % Py	
90 F152 R 035 NA	Axe 108; New NE Axe Claim; S Creek Bank 3550'?						✓	Altered Volcanic	Several s. angular to s. rounded boulders to 40cm diameter; Greenish Grey Carb Alt. 1-3% Cpy; 1-3% Py; ≤ 3% Mt	
90 F152 R 036 NA	Axe 108; New NE Axe Claim; S. Creek Bank. 3490'?						✓	Monzodiorite	Buff - Brown - Weathered; Bluish Green Fresh; Qtz ≤ 10%; Kspar 20-30%; Plag 30-40%, Hbl 15-20% Mod-Str. Magnetic; Monzodiorite; 5-7% Mt; 1-3% Py	
90 F152 R 037 NA	Axe 108; New NE Axe Claim; S Creek Bank 3450'						✓	Qtz vein?	Reddish Brown Weathered; White - Fresh Qtz vein material w/ wisps + stringers of Mafics; 3-5% Cpy; 7-10% Py; Tr AsPy	
90 F152 R 038	Axe 108 E CLAIM BOUNDARY SCREEK BANK						✓	Silicified Boulder; sl. Carb altered	F.g; Brownish Buff Weathered; Greenish Grey Fresh 30cm subrounded boulder; 5-7% Py; Tr - ½ % Cpy 1-2% undetatified black oxide ZnS? Spec. Item?	
90 F152 R 039	Axe 69; 80; grassed over ridge Separating cliques		✓					Altered Andesitic Tuffs	F.g. Mod. Carb altered; Pods of massive f.g. Py along fracture planes ≤ 2m length; 15-50cm width Py + Tr Cpy	
90 F152 R 040	As 039; 50m upslope		✓					Altered Andesitic tuffs	Small veins of qtz + carb ± dissem. Py, Cpy, AsPy PbS, ZnS; 3m traceable; 10-25cm width within andesite ≤ 15% As Py; 3-5% Py; Tr Cpy PbS ZnS	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: _____ Results Plotted By: _____

Area (Grid): _____ Map: _____ NTS: _____

Collectors: _____ Date: _____ Surface ___ Underground ___

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH)					ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
			GRAB	CHIP	CHANNEL	CORE	FLOAT			
90 F152R 041	Axe 69/80 boundary ~ New Axe Claims; W. facing slope of cirque		✓					Sheared Greywacke/ Siltstone	Pyritic Knots & pods (<2m length, 40cm width) Anastomosing veinlets of Py ~in pods; Host silt/Greywacke is fractured; Mineralization follows fracture planes	
90 F152R 042	100m E of 041		✓					Barite + Calcite Vein in sheared Sediments	Shear zone <1m width; Barite + Calcite stringers width to 15-20cm; Wisps of ZnS within Barite. Host is a f.g. silicified sedimentary Greywacke	
90 F152R 043	10m from 042 ↓ along strike		✓					Sheared, Silicified Greywacke	Sulphide pod along shear zone w/in silicified greywacke; 4m length traceable; S. massive Py 20-30% + disseminated blebs.	
90 F152R 044 NA	125m from 043; "No Snow Zn Showing"		✓ Best Mineralization within Carb Veins					Altered Silicified Greywacke	Carbonate + Minor Barite + Qtz alteration of Greywacke sediments; S. massive ZnS within Carb veins (to 0.6m width; 15m length)	
90 F152R 045	Axe 64; Gossan ~ 200m of Wolf Plateau		✓					Sheared Granodiorite/ Diorite	Bronzish White weathered; Greyish White Fresh Calcite + Barite Vein in Shear zone; 5-30cm width 4m traceable length; Tr Py; 3-5% ZnS	
90 F152R 046 NA	Axe 54; W Wolf Plateau		✓	High Grade Grab - Best Mineralization				Carbonate Altered / Fractured Andesite	Carbonate + Quartz ± Barite Vein; Narrow zones of (3-30cm width) ZnS, PbS, Cpy + Py ~10-12% Py Mineralization 10% ZnS (BJ); 10% PbS, 5-7% Cpy	
90 F152R 047 NA	As 046		✓	Representative Grab				"	Representative grab of Carb - Qtz - Barite Vein 15cm width; 5-7% Py, 1-3% Pb, <1% PbS 1-2 % ZnS	
90 F152R 048	Axe 54; Along strike of shear; Anomalous 89 AA Sample		✓					Sheared Hbl. Qtz Diorite	Pinkish Buff; Minor Ep + Kspar altered Shear zone 30cm width > 60m length ½-1% Cpy; Tr Py; Mal + Az stain	
90 F152R 049 NA	New Axe Claims Creekside float						✓	Mineralized Greywacke + Silt boulder	Angular Boulders to 20 cm; Mal + Az stained Greywacke; M.g. interbedded with Siltstone. Cut by small qtz veinlets 1-3mm width 1-2% Cpy Tr Py	
90 F152R 050			✓	High Grade Grab;				Brecciated Chert	F.g. Grey & Black Banded Chert; Silicified Zone with Pervasive Carb Alt. app 1m in width; 4m length "blowout"?: Fault related ~15-20% ZnS; 5-7% Cpy 7-10% Py, 3-5%	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project:

Area (Grid):

Collectors:

Results Plotted By:

Map: NTS:

Date: Surface Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90U152R051	1610 m "W"		✓					cpy + As blebs	Blebbing along bedding planes, matrix is siltstone, slight malachite stains 1-2% py 3-5% cpy 2-3% As	
90U152R052	1540 m "W"		✓					siltstone	Gaussened zone with zinc stain 275° 5-10% py no visable sphalerite, trace Arseno	
90U152R053	Tuk Claim						✓	carbonate vien	Looks to be 1-2 in vien material 1-2% cpy	
TUK										
90U152R054	1775 " [illegible] "						✓	calcite	Looks to be from a vien, malachite stained 1-2% cpy + calcocite	
90U152R055	Sun Phat		✓					qtz, barite calcite vien	Striking Aprox 58° 2-4% cpy 2-3% py resample of AAR33, crack + fill mineralization.	
90U152R056	1830 " "		✓					Hornblede diorite	3-5% py diss, slightly calcareous possibly feldspars in it maybe a porphery	
90U152R057	1800 " "		✓					Alt Volcanic	fracture fill py 3% extremely gaussened.	
90U152R058	1765		✓					qtz viening	Ice heave material, >5% cpy <3% py >3% sphalerite, seems to be a whole host of parallel viens here, some seem to be more gaussened than others.	
90U152R059	1780		✓					qtz viening	same as U R058 except 50 m along strike of vien, a little more cpy + trace chalcocite	
90U152R060	1720 creek bottom Seester						✓	qtz carb Alt	Angular float found in creek bottom 2 boulders >5% cpy >3% py, fracture fill [illegible]	

[redacted] = Assays plotted

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: _____ Results Plotted By: Michael Skeach

Area (Grid): Project # 152 Map: _____ NTS: _____

Collectors: Michael Skeach Date: _____ Surface ___ Underground ___

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
[redacted]	1260m (St 07-3-3) 650 ppb		✓					Alt. Volcanic	Alt. Volcanic, sed, silicified, 2-3% cpy, 5% massive py over 30cm	
[redacted] N.A.	St 07-03-04 (1272m) T.Pk 445 ppb		✓					Qtz vein	Beautiful smoky Qtz, High grade sample of native Cu	
[redacted]	" " T.Pk 790 ppb		✓					Qtz vein	3-5% cpy 2-4% py 2-3% po trace native Cu.	
[redacted]	" " T.Pk 960 ppb		✓					Qtz vein	Wall rock, massive py, seems to be 3-4cm width	
[redacted]	(on map) chute on Trevor Pk. (.072 oz/ton)						✓	Qtz + chert	It is float but definatly comes from immediate area. Qtz has chert bands + has beautiful crack + fill <10% Fe py <5% calc, trace pyrhotite	
[redacted]	T.Pk (.397 oz/ton)		✓					ironpyrite Blebbing	Massive Fe py blebbing following fractures in silicified Alt Volcanic, very gaussened.	
[redacted]	(1370m) (1.339 oz/ton) T.Pk		✓					Mass Aspy vein	15-20% cpy 5-10% py ? Aspy trace bornite 1m max vein width	
[redacted]	(1270m) (.796 oz/ton) T.Pk		✓					mass Aspy	5-10% cpy 10-12% py mass Aspy, more silica content	
[redacted]	close to Aspy vein. T.Pk (.107 oz/ton)		✓					Azurite + mal stain sheer	Azurite + malachite stain along sheer 2-3% cpy	
[redacted] N.A.	(1330m) Along small chute T.Pk (.119 oz/ton)		✓					Mass Po	vein material 15-20% cpy mass Po 5-10% py	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project:
Area (Grid):
Collectors:

Results Plotted By:
Map: NTS:
Date: Surface Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90U152R011	" T Pk "		✓					mass Po vein	Mass po + Fepy	
	same as R010									
	(.226 oz/ton)									
90U152R012	" "		✓							
	(.146 oz/ton)									
90U152R013	" "							Foot wall	2-5% cpy 5-7% Po 5-7% py	
	(695 ppb)									
90U152R014	" "							K-spar Alt	Same mineralization with trace galena	
								Hanging wall		
	(.034 oz/ton)									
90U152R015								qtz carb		
	T. PK							vein		
	(.042 oz/ton)									
90U152R016	4810 ft		✓					qtz vein	2-3 inch vein strike 20m plus, malachite staining	
	Trevor PK								, <7% calcopyrite <5% ironpyrite, matrix is an	
	(.069 oz/ton)								intrusive with epidote alt, Barite running parallel	
90U152R017			✓					qtz + carb	<5% ironpyrite blebbing + <3% calco along	
	T Pk								fractures, lots of malachite staining	
	(.095 oz/ton)									
90U152R018			✓					Calcite vein	Calcopyrite veins 1-3cm very hematized, Heavy	
	T PK								malachite staining along walls >5% calco	
	(.166 oz/ton)								>5% ironpyrite	
90U152R019	4600 (.187) oz/ton		✓					sulphide bleb	Large bleb along small shear zone >40%	
	T PK								calco >20% Fe py <5% pyrrhotite, 3ft wide	
									at largest pt. extend 5-8 ft, a lot of malachite	
90U152R20			✓					Chert banding	Black chert with fracture fill + diss	
									iron pyrite <3% Fe py estimated strike	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: _____ Results Plotted By: _____

Area (Grid): _____ Map: _____ NTS: _____

Collectors: _____ Date: _____ Surface ___ Underground ___

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
[illegible]	on map		✓					intrusive	Very gaussened zone <5% pyrrhotite and trace iron pyrite, seems to be in one local area, quite magnetic	
	Wolf Plat									
[illegible]	" W "		✓					intrusive	Very gaussened less silica than previous sample but <8% pyrrhotite.	
[illegible]	" W "		✓					carbonate	calcite vein 320° vertical dip pyritized zones, seems to be qtz veinlets running // 75% Fe py diss, Silver grey mineral (moly)	
[illegible]	" W "		✓					intrusive	Very gaussened, <3% pyrrhotite trace Fe py.	
[illegible]	1330 m		✓					dark A/t vein	15-20cm width 70% calcite 30%	
	" W "								15-20% py	
[illegible]	1615 m same as Am26		✓					Pyrrl + comb vein	7-10% ZnS 2-3% galena	
	" W "									
[illegible]			✓						High grade grab 1-3% cpy, Azurite + malachite	
	Trevor PK									
[illegible]	1130 m		✓					intrusive + sed	Pyrite bleb 20% Fe py trace calco + Po	
	Wolf Plat									
[illegible]	1150		✓					Intrusive	Banded fracture fill pyrite + calco 15m also <2% Arseno pyrite	
	Wolf P									
[illegible]	1140		✓					Qtz vein	>3% calco padding, Malachite + Azurite staining	
	Wolf P									

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: Ascott
Area (Grid): # 152
Collectors: Michael Skeoch

Results Plotted By: Michael Skeoch
Map: NTS:
Date: July 26/90 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90U152R031	1500m trevor pk		✓					sheer zon	10-12 % Aspy 7-10% py pods along sheer 6.m width	
90U152R032	" T.PK "		✓					" "	25% Aspy 15% Fepy small bits of Qtz + carb veining 2-3ft wide	
90U152R033 NEW AXE	4720 creek bank						✓	Carbonate Alt	Carbonate Alt >10% calco <3% py malachite stain (nice stuff)	
90U152R034 NEW	creek bank Violet ck						✓	silt or mud stone	low water environment Hematized throughout, malachite staining but only mineralization is a lead gray material <2% (galena?)	
90U152R035	1665 Violet CK		✓					[illegible]	[illegible] steep west dip, 10 m in widest pt but seems to be boudinage, blebs of galena + small [illegible] [illegible], 75% sphal trace calco, py, Pb	
90U152R036	" "		✓					" "	High grade galena sample same as previous >5% Pb	
90U152R037	Ag 40		✓					massive Aspy	small pod of Arsenopy massive 5-7% py 10-20cm width 2m length in carbonate alt greywake	
90U152R038 N.A			✓					Alt sediments	silicified carb alt sediments ± Barite semi massive sphalerite 1m width 15m length High grade grab	
90U152R039	Seaster		✓					[illegible] vein	striking 190° and sitting vertical, small blebs of <3% sphalerite, 4-6 in wide, matrix is a alt volcanic.	
90U152R040	Seaster		✓					Alt intrusive	[illegible] , <2% po (diss) fracture fill py <2%.	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project:
Area (Grid):
Collectors:

Results Plotted By:
Map: NTS:
Date: Surface Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90U152R041	1440 m SEESTER		✓					Qtz carb vein	180° vertical dip, matrix is siltstone, vein has breccia frags which have been replaced with py 23% py some fracture fill, 10m strike, 8-16 in	
90U152R042 N.A.	1700 m						✓	carb Alt.	carbonate + Qtz veining, 22% calco with a lot of malachite stain, Also trace bornite with calcopyrite?	
90U152R043 N.A			✓					carb Alt.	Source to previous sample	
90U152R044 N.A	1550 m						✓	Feldspar porph	Angular float of Feldspar porphyry <5% py, possibly from up slope but there is a pissed Billy Goat up there.	
90U152R045 NA	1540 m						✓	Alt Vol	Very salicous and gaussened 25% py diss throughout.	
90U152R046 NA			✓					sulphide lenses	[illegible] along fractures Arseno + py extremely gaussened 23% As 2% py 15m strike	
90U152R047 NA							✓	Alt Vol	Talos slope, very salicous + gaussened 25% diss py	
90U152R048 NA			✓					Qtz carb Alt	Very gaussened <3% py w/o other visable sulphides.	
90U152R049			✓					Qtz carb Alt vein	2-3 m vein, matrix is siltstone with a lot of parallel veinlets, 2-3% Pb 2-5% py 1-2% cpy trace sphalerite, chert breccia	
90U152R050	" W "									

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project:

Area (Grid):

Collectors:

Results Plotted By:

Map: NTS:

Date: Surface Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90U152R06[illegible]	up Bank from UR060 Seester		✓					Qtz carb Alt	Source to UR060, massive cpy >10% py>5% (very nice stuff "Boomer")	
90U152R063 NA	Approx 1720m Violet		✓					mass cpy matrex (greywacke)	cpy veining + dissemination along fractures very silicified 175° 54°E dip 1.5ft wide [illegible] in spots >10% cpy <5% py trace Arsenop	
90U152R062 NA	1.5 E from 062 " Violet		✓					mass cpy	More malachite stain than 062, slightly silicification.	
90U152R061 NA	5m down hill " Violet		✓					mass cpy	2% bornite 10-15% cpy 2-3% py	
90U152R065 NA	Another zone 4m East same Elev slightly down Violet		✓					mass cpy	not as much silicification >8% cpy + trace Bornite + pyrite, parallel to other zones	
90U152R066 NA	2m East of 065 Violet		✓					mass cpy	15-20% cpy 2-3% Bornite trace pyrite 2-3 [illegible] vein	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

oject: _____ Results Plotted By: _____

ea (Grid): _____ Map: _____ NTS: _____

llectors: _____ Date: _____ Surface ___ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	Cu PPM
90W152R01	1740						✓	Qtz Carb Alt	Qtz carbonate with 1-2% cpy + py	
	creek N of secster									
90W152R02	2010" Violet Petal"		✓					Qtz+cpy vein	Qtz+cpy veining 5 inches wide 176° 60% cpy seems to be calco padding	9712 8064
90W152R03	Along Violet Petal vein		✓					Qtz vein	Qtz vein with 30% cpy + py	
90W152R02 BRT ✓										
90W152R03										
90W152C001										
90W152C002										234

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

oject: #152 — Results Plotted By: Michael Skeoch

ea (Grid): — Map: — NTS:

llectors: Michael Skeoch — Date: — Surface — Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	Cu PPM
90W152R080	2010 "Violet Petal"		✓					Massive cpy blebbing	5inch Qtz vein with massive cpy blebs striking 176°, main vein has split into two veins.	
90W152R081	Along Violet Petal vein		✓					Qtz vein	High grade grab along vein. ±30% cpy and trace Fepy.	
90W152R082	1400m Violet valley		✓					Argillite (Siltstone)	8inch wide 50m Long malachite stain.	
90W152R083	1765m Britt claim		✓					Altered Intrusive	±1-2% Fepy Very gaussened with Andesite on the walls of outcrop.	
90W152R084	3730 Ft 40m up slope from 90BR152S005		✓					Silicified Vol	Areas of Fepy blebbing. 10-15% Fepy and trace cpy	
90W152R085	same Location as 084		✓						malachite staining with ± 1-2% cpy and 10% Fepy	
90W152R086	15m downstream from creek splitting up N end of Trevor Peak						✓	Altered Intrusive	25% Fepy and trace Aspy, alot of identical float up creek at N end of Trevor Pk.	
90W152R087	75m downstream from 086						✓	Alt Intrusive	Quite large and angular boulders with 20% Fe py	
90W152R088	across creek from 90W152R087						✓	Alt Volcanic	Angular float in talus slope 2-3% cpy 1-2% Fepy ±1% Aspy	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: GJ
Area (Grid): 152
Collectors: CK

Results Plotted By: CK
Map: _____ NTS: _____
Date: 3/7/90 Surface ___ Underground ___

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90Y	tributary to		✓					MONZONITE	rhyolite intrusion	
152	WOLFE CK								5% py	
R001									fairly silicified	
90Y			✓						monzandiorite / hornblende	
152	" "								2% malachite	
002										
90Y			✓					MONZONITE	5% malachite	
152	" "								tr cp	
R003										
90Y	gossan		✓					ANDESITE	5-10% py	
152	TREVOR PEAK							S.113 km	2% cp	
R004	WOLFE									
90Y	outcrop		✓						5-10% py	
152	1490' level							ANDESITE	2% cp	
R005								S/t.?		
			✓							
006	" "							ANDESITE	5-10% py	
								S/t.?		
	outcrop		✓							
007	50 m W of							ANDESITE	20% py, tr cp	
	006							S/t?		
			✓						massive py	
008	" "							ANDESITE	andesite intrusion	
								S/t?		
	outcrop		✓						qtz vein 20 cm wide	
009	30 m W of							ANDESITE	10% py	
	008							S/t?	STRIKE 130° DIP 40°	
	outcrop 10 m		✓						silicified py vein 20cm	
010	W of 009							ANDESITE	10-20% py	
								S/t?	STRIKE 150° DIP 40°	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: GJ
Area (Grid): 152
Collectors: CK

Results Plotted By: CK
Map: _____ NTS: _____
Date: 3/7/90 Surface ___ Underground ___

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90Y	outcrop 10m		✓						heavily silicified	
152	@ NE of							ANDESITE	10% py tr cp	
R011	010								DIP 20° STRIKE 100°	
	outcrop 15m		✓						silicified	
012	SE of							ANDESITE	15-20% py	
	010								DIP 40° STRIKE 120°	
			✓						chlorite altered	
013	outcrop 10m							ANDESITE	5% py	
	E of 012									
	outcrop 20m		✓						chlorite alt, silicious	
014	E of 013							ANDESITE	10 % py	
	major		✓						20% diss py, silicious	
015	outcrop							ANDESITE	tr cp	
	10m S of 007								DIP 40° STRIKE 150°	
			✓						silicified	
016	WOLFE WEST							ANDESITE	2-5% py, 2% cp	
								siltstone	k-spar, epidote	
			✓						chlorite altered	
017	" "							ANDESITE	well brecciated	
								siltstone	2% py, 2% arsenopyrite	
	20 m SW of		✓						chlorite alt'n	
018	017 1640m							ANDESITE	5% py vein 10cm wide	
									tr. malachite	
			✓						qtz./carbonate vein	
019	50m NW of							ANDESITE	5 cm wide	
	018 1620m								2% py (disa)	
			✓						highly silicified	
020	5m E of 019							ANDESITE	1-2% py as blebs	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: GJ
Area (Grid): 152
Collectors: CK

Results Plotted By: CK
Map: _____ NTS: _____
Date: 3/7/90 Surface ___ Underground ___

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90Y	30 m NW of		✓					siltstone	carbonate altn	
152	R 020								2% py as fracture filling	
R021	1560 m								tr. malachite	
	40 m SW of		✓					siltstone	carbonate altn	
022	R021 1500m							andesite	2% py as fracture fill	
								intrus.	tr cp	
	5 m SE of		✓					andesite	carbonate	
023	022 1470m							siltstone	5-10% py as blebs	
									tr. realgar??	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

oject: AXE 152 — Results Plotted By: D. Perrett

ea (Grid): NW — Map: _____ NTS: _____

llectors: D. Perrett — Date: 8/27 - Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	Cu PPM
70DP152 -	ELEV U.T.M.									
R001	5020' N6404400E433800	NA	✓					Breccia	Conglomerate with Calcite matrix, Chalco, Mal	541
R002	5290' N6404900 E433800	NA	✓					"	" " " "	2170
R003	5400' N6404600 E432300	NA	✓					Conglomerate	QTz vein, Trace py + calcite	126
R004	5900' N6402700E431500		✓					"	Calcite + QTz vein with carbonate alt. Host Cu, py	481
R005	5920' " "		✓					Breccia	Conglomerate with calcite matrix, Chalco	163
R006	5880' N6402700 E431500	NA	✓					Conglomerate	Barite - Calcite vein, Chalco, Mal, limonite	257
R007	6700' N6404800 E431000						✓	"	QTz vein Major Chalco, Mal	314
R008	6480' " "		✓					"	Complete Py replacement of Calcite vein	98
R009	6580' N6404800 "		✓					"	Major Chalco + Mal in shear	548
R010	N6404500 E431000		✓					"	Minor Chalco in QTz vein	21
R011	6625' N6404600 E "		✓					"	QTz - Calcite vein Major Chalco + Mal	14
R012	6650' N6404700 E 430900		✓					"	"	80
R013	6650' N " E "		✓					"	"	65
R014	6350' N " E 431200						✓	"	Pyrite rich limonitic stain	
C001	6520' N " E 430900			3m				"	QTz - Calcite vein Major Chalco	61
R015A	6740 @ saddle S of cross		✓					"	QTz vein with moderate Chalco	
R015	250m West of violet		✓					Vol Srds "	Silicified zone Moderate Chalco	
R016	South of CO on E of ridge		✓					Conglomerate	" Minor Mal	
R017	" 6650'		✓					"	" " " Calcite	
R018	" 6850'		✓					"	" " " Calcite + pyrite	
R019	ON 6520' finger Between Bowls		✓					"	QTz vein with Minor Chalco	
R020	6560 "	NA	✓					"	4-6m wide Silicified zone	
R021	SW Corner 4800' of AXE map		✓					?	Py rich zone with Possible Po	
R022	" 4700'		✓					?	Calcite vein with moderate Chalco + Mal	
R023	750 m SW of Go 5400' 5700'		✓					Tuff	Silicified Tuff? moderate Chalco + Py	
R024	" 5700'		✓					"	Breccia Zone Major Py minor Galena + Chalco	
R025	"		✓					"	View of massive Chalco, Sphal + Moderate Galena	
R026	"		✓					"	Calca Silicate vein Major Galena, mod Sphal	
27	3.5 km SE of violet Show	NA	✓					" ?	QTz vein Moderate Chalco + minor Calcacite	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

oject: AXE 152
ea (Grid): 1
llectors: D. PERRETT

Results Plotted By: _____
Map: _____ NTS: _____
Date: _____ Surface ___ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH)					ROCK TYPE	SAMPLE DESCRIPTION	Cu PPM
			GRAB	CHIP	CHANNEL	CORE	FLOAT			
900P152										
R028	3.5 Km SE of Violet 5110N 5000'	N.A	✓					Limestone	QTz Vein Mal + Limonite Stain moderate chalco	
R029	" 5080	N.A	✓					"	Moderate Mal + Chalco in Limestone	
R030	" 5300	NA	✓					Vol Sed	Moderate Mal + Chalco in QTz vein	
R031	" 5600	NA.	✓					"	Moderate diss Chalco in QTz vein	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: 152 Results Plotted By: J. Miller

Area (Grid): Wolf Plateau Map: _____ NTS: 104 G/9E

Collectors: G. Nagy Date: JULY 1990 Surface ✓ Underground ___

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH)					ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
			GRAB	CHIP	CHANNEL	CORE	FLOAT			
90NN15RR	Axe 54 plotted.		✓					Altered Hbl	Mg: C.g; Reddish Br. Weathered; Light green Fresh	
001								Monzodiorite	Hbl. xstals completely chloritized	
									3-5% Py; Tr - ½% Cpy	
002	160m fr. L-108 downstream		✓						Rusty Qtz, Malachite staining >10% calco-pyrite	
(NEW	elev. 3920'								<3% bornite trace Fe pyrite	
AXE)	10 angular pieces found								NOTE: Found cut trees, tin cans, no visible source for rocks glacial moraine pile ?	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: NEW AYE CLAIMS (#152) & SHAR AREA
Area (Grid):
Collectors: JASON MILLER

Results Plotted By: JASON MILLER
Map: NTS:
Date: LATE JULY, 1990 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90-0-152R-027 NA	north edge of plateau. 5363' 1635m		✓					slightly silicified volcanic (and	Silicified andesite (?) with ~1% disseminated pyrite, as well as abundant staining along fractures	
90-0-152R-028 N.A	north bank of ridge. 6160' 1868m		✓					slightly metamorphosed andesite	Quartz-carb alteration zone. Veins average ~2-18cm wide, with minor Cpy and malachite associated with dark quartz.	
90-0-152R-029 NA	north bank of ridge 6120' 1855m		✓					andesite (?)	Fine quartz veinlets in a rusty quartz-carb altered rock. No visable sulphides. Sample taken in subcrop.	
90-0-152R-030 NA	south bank of ridge 5410' 1640m		✓					andesite (?)	Vuggy quartz veining with abundant malachite, minor azurite, and blebs of Cpy (~4-5%). Vein is ±3cm wide. subcrop.	
90-0-152R-031 NA	north edge of ridge. 5445' 1650m		✓					andesite	Quartz vein stockwork. Veins are ≤2cm wide; average 1cm. Abundant malachite and ~2-3% blebby Cpy (interstitial). Strike ~030	
90-0-152R-032 TUK	center of 2a bowl - small gossan. Northern claim (New Axe) 6180' 1875m		✓					andesite	Small quartz veinlets with carbonate staining ±2cm wide with siderite and limonite. No visable sulphides.	
90-0-152R-033 TUK.	East corner of bowl. Northern claim (of New Axe) 5860' 1775m		✓					andesite	A quartz vein (3-20cm wide) contains ~4-5% Cpy with abundant malachite and minor azurite. Continues upslope for 75m+. At least 3 veins parallel.	
90-0-152R-034	KID CLAIMS. South of Terrajon. possibley the location of 89-09E-16. edge of bowl		✓					quartz vein unknown host	30cm wide rusty quartz vein in amongst a quartz-carb zone ~2m wide. Small veins are filled with tim/fem or fine pyr dis)	
90-0-152R-035	Shar Area. talus on south side of creek. 5320' el.		✓					brecciated volcanic crystal tuff?	Angular talus boulder. 50cm x 30cm. Silicified, carbonate altered volcanic breccia ~3% qtz, Cpy blebs. Limonite + minor malachite on weathered surfaces.	
90-0-152R-036	Frost heave? Talus slope. Shar area. 5920' el		✓					quartz vein unknown host	Rusty quartz vein with vugs and ~2% pyrite. Abundant limonite throughout. Good boxwork development	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

oject: #152
ea (Grid): SHAR AREA; NEW AXE CLAIMS
ollectors: JASON MILLER

Results Plotted By: JASON MILLER
Map: _____ NTS: _____
Date: LATE JULY, 1990 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	Cu PPM
90-0-152R-037	5m downstream from 4R-060. Above silt anomaly. Shar Area, 5970' EL.						✓	Quartz vein in sediment (?)	Float boulder in creek. Vuggy quartz vein with massive Cpy (average ~15-20%) and ~5% pyrite finely diss in grey quartz or blebby.	
90-0-152R-038	South bank of creek. 8m x 4m gossanous o/c Shar area. 5970' EL.		✓					Quartz-carb vein	Quartz-carb vein (~10cm wide) with ~2% finely disseminated pyrite, minor Cpy, ± Sphalerite. Quartz is mottled blue-grey in places.	
90-0-152R-039	South of R-038 location. 30 cm x 40 cm float boulder sub-angular. Shar. 5980' EL						✓	carbonate breccia w/ qtz veining	A carbonate breccia w/ dark fragments (vole? sed?) with some quartz veining, ~5% Sph, 3% pyrite, and abundant limonite on weathered surf.	
90-0-152R-040	South edge of bowl. Angular float. Source is close. Shar Area. 1875m EL.						✓	quartz vein	A white quartz vein with ~2-3% finely diss pyrite (subid) along vein selvages. A few parallel veins contain country rock inbetween.	
90-0-152R-041	north side of glacier in bowl. Angular talus. Shar Area 1875m EL.		✓					quartz/calcite vein	Sphalerite veins (~5-6% of rock) in larger quartz/calcite veins (~2cm wide).	
90-0-152R-042	As above 1830m EL.		✓					quartz vein	Rusty yellow quartz vein (~15 cm wide) with ≤ 3-4% disseminated pyrite. The vein is only gossanous for ~1m along strike (pocket of sulphide).	
90-0-152R-043	Bottom extent of gossan. 2m x 50m rusty zone. Location as above 1785m EL.		✓					quartz vein	Rusty quartz vein with ~3-4% pyrite (diss and as veins). Abundant limonite; off-white quartz.	
90-0-152R-044	Base of cliffs in bowl. Shar Area. 5m x 50 mt gossan 1750m EL.		✓					silicified volcanic tuff?	Grey silicified felsic rock (tuff?) with dissem. pyrite and pockets of semi-massive aggregates of diss. pyrite (~10% pyrite).	
90-0-152R-045 NA	Near center of morraine talus. 2 boulders 30cm x 10 x 10 New Axe Claims 5705m EL.						✓	Quartz vein boulders unknown, lost	Bull white quartz vein with ~2-3% Cpy and abundant malachite. Angular float. These boulders seem to be quite common.	
90-0-152R-046 NA	North edge of morraine New Axe Claims 5800' EL.						✓	as above	As above except ~5-7% Cpy as blebs. Angular slickensided boulder was ~50cm x 20cm x 20cm. Boulders are very common now. Hinge of fold noted.	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

oject: #152
rea (Grid): NEW AXE CLAIMS; WOLF PLATEAU;
ollectors: JASON MILLER

Results Plotted By: JASON MILLER
Map: _____ NTS: _____
Date: JULY 30/EARLY AUGUST/90 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	Cu PPM
90-0-152R-047	North facing slope above		✓					Quartz vein in a silicified host (volc? sed?)	Quartz vein (~10cm) with ~5% Cpy and 2% pyrite both occuring as blebs and disseminations. Abundant malachite on some fractures.	
NA	90-U-152R-033. New Axe Claims. 5800' EL.									
90-0-152R-048	Near 90-V-153S-165. Edge of Wolf Plateau. Angular subcrop. 5010' EL.		✓					quartz vein in monzonite near diorite contact	Gossanous vuggy quartz vein. No visable sulphide. Monzonite host has chloritized Hbl's, minor magnetite, and local HT-alteration along fractures.	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: Ascot #152 — Results Plotted By: T.S.

Area (Grid): — Map: — NTS:

Collectors: Trevor Shephard — Date: July 1990 — Surface ___ Underground ___

SAMPLE NUMBER 90V152R	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
001	On south bank of						✓		Silicified intermediate volcanic with	
NA	South Axe creek.								disseminated pyrite. 3-5% pyrite blebs.	
	Elev. 1150m									
002	Elev. 1590m. located		✓						Galena, chalcopyrite + pyrite in	
	above 0+75 on								heavily altered mafic volcanics.	
	90V152S-010 soil station									
003	Same as R-002		✓						Galena & pyrite with carbonate	
									veining & quartz veining through	
									fractures. Chlorite present.	
004	Located at 3+20								Disseminated pyrite in chert	
	on above soil line.								fractured with carbonate.	
	Elev. 1585m		✓						5-7% pyrite.	
005	Elev 5400'. Located		✓						Silicified conglomerate with much	
NA	above 90F152L-005								finely disseminated rock. Barite veining	
	on trib to Kinkan LK								in zone.	
006	Elev. 1640m on		✓						Carbonate veining in mafic	
NA	creek east of 005								volcanic containing chalcopyrite.	
	running into Kinkan LK								Marble wall carbonate veins	
007	1400m. Axe						✓		Pyrite blebs in chert.	
NA	claims									
008	1500m. Taken		✓						Siliceous volcanic. Blebs, veins	
NA	on road to east								& disseminated iron pyrite.	
	of 007									
009	Elev. 1620. Taken		✓						Pod + disseminated pyrite in silicified	
NA	on north [illegible]								volcanic. Quartz pieces in host rock.	
	side of ridge on road.									
010	Elev. 6150', taken		✓						2cm wide quartz/carbonate vein	
TUK	on north side of								containing chalcopyrite (2%). Green andesite	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: Ascot 152 — Results Plotted By: T. Shepherd.

Area (Grid): — Map: — NTS:

Collectors: Trevor Shepherd — Date: July 1990 — Surface ✓ Underground

SAMPLE NUMBER 90V152R	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
011 TUK	Elev 6150'. taken on ridge of plateau 50-100m north of 010		✓					Quartz.	50 cm wide quartz vein with carbonate Chalco pyrite blebs (2%)	
012 TUK	Elev. 6050. taken below R-011.						✓		2cm wide quartz veinlets on andesite(?) boulders. Malacite staining and >5% chalcopyrite blebs	
013 TUK	Elev. 5870'. Sampled above shale area below R-011.		✓						2-5cm wide quartz vein containing 5-10% chalco pyrite. Malacite staining on exterior of vein & within.	
014A	Elev. 6100'. taken on north side across from Tension Property		✓						Chalco pyrite & pyrite in carbonate altered andesite.	
014B	Elev. 1660m. taken next to creek above 900152S-050						✓		Quartz & felsic conglomerate with pyrite blebs. Angular float.	
015	Elev. 1680 m. Felsic boulder 12" across, above creek.						✓		Blue-gray quartz. Purple→red Stained on outside. Massive pyrite & disseminated. Well rounded.	
016	Elev 1710m. taken above DAR-15 (1959) 50m.		✓						Quartz/carbonate breccia with andesite fragments. Trace of pyrite and specular hematite. Vein >= 10cm wide	
017	Elev. 1740m. taken on North edge of plateau across from Tension.		✓						Gossanous quartz/carbonate zone. Rusty yellow stained with disseminated blebs of chalco pyrite & iron pyrite.	
018	Elev. 1630m. Located next to V-S-051. North of Wolf on Axe claims		✓						Dark Brownish weathered. Dark greenish gray rock fresh. Mn. stain. Fine grain Soft. Pyrite fracture fills 2-3%.	
020	Elev. 1720. Located South of V-S-158. North of wolf plateau		✓					Quartz.	Fine grained smoky grey quartz. High Graded Strongly weathered vuggy quartz. 3-5% chalcopy. 1-2% sphalerite. Malachite-azurite stain.	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: Ascot 152
Area (Grid):
Collectors: Trevor Shephard

Results Plotted By: T. Shephard
Map: NTS:
Date: August 1990 Surface ✓ Underground

SAMPLE NUMBER 90V152R.	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
021	1520m. Located at 90V152S-178 on 5000' soil line on South Wolf.		✓					plotted 1-20000	Quartzite with less than 1% chalcopyrite Traces of molecite fracture fill.	
022	1550m. Located. 50m beyond V-S-195 on East Wolf plateau		✓					plotted 1-20000	Porphyritic hornblend diorite. Chloritized hornblend. Iron pyrite 3-5% Fracture fill >1% disseminated. allover iron stain.	
023	1610m. Located in narrow creek to west of Trevor peak saddle.		✓					plotted 1-20000	Fine/medium equally granular diorite. Iron stained 5% pyrite. less than 1% fracture molecite less than 1% disseminated/vein chalcopyrite.	
024	4950', located on north west edge of saddle west of Trevor peak.		✓						Mafic sediment (?) stained rusty red. black + yellow with minor pyrite. <3%	
025	1510m. located below 90AA152L-010 along stream.						✓		Abundant pyrite in boulder. Sample sent before proper description done	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: AXE CLAIMS #152
Area (Grid): SHAR AREA North of Wolf
Collectors: ANDY DUPRES

Results Plotted By: JASON MILLER
Map: _____ NTS: _____
Date: LATE JULY, 1990 Surface ✓ Underground ___

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH)					ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
			GRAB	CHIP	CHANNEL	CORE	FLOAT			
90AD-152R-011	Near bottom of bowl		✓					semi-massive pyrite vein in andesite(?)	semi-massive pyrite vein (accumulations of fine disseminations) with grey quartz (Arseno? Galena?). Some pyrite as larger disseminations.	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

oject: SHAR AREA (H152) Results Plotted By: JASON MILLER

ea (Grid): Map: NTS:

llectors: ANDY DUPRES Date: JULY 30, 1990 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	Cu PPM
90 AD 152R-001							✓	silicified volcanic? sediment?	Flesh colored quartz breccia with ~4-5% sphalerite as large blebs and disseminations. Host rock is dark and fine grained (sil. and? sst?)	
90 AD 152R-002							✓	AS ABOVE	AS ABOVE	
90 AD 152R-003			✓					intensely silicified rock	Intensely silicified rock (unknown type) with ≤ 0.5% Cpy and minor malachite	
90 AD 152R-004			✓					quartz-carb breccia	A quartz-carb breccia with silicified fragments of an unknown rock type. ~3% finely diss pyrite occurs with quartz. Minor boxwork limonite.	
90 AD 152R-005			✓					volcanic? sst?	Semi-massive pyrite (~30-40%) occurs as vug infills and veins with ~3-4% Sphalerite. Country rock is very altered (silicified). High SG, very rusty.	
90 AD 152R-006			✓					silicified volcanic? (light green)	Silicified volcanic or possibly felsite (?) with ~2% Sphalerite as disseminations and veinlets. Limonite along weathered surfaces.	
90 AD 152R-007			✓					silicified sst	Silicified sst with ~2% finely disseminated pyrite. Abundant limonite along fracture planes.	
90 AD 152R-008			✓					silicified rock (?)	A silicified rock with ~1% disseminated galena and ~0.5% finely diss. pyrite. Some quartz floating (veining).	
90 AD 152R-009			✓					felsite (?) or silicified rock	A felsite with ~4-5% diss. and blebby galena and ~3% diss. and blebby pyrite. Rusty weathered surfaces.	
90 AD 152R-010			✓					silicified sediment	A silicified sediment with ~8-10% pyrite as disseminations, vein and fracture coatings. The rock is highly altered (siltstone, sst?)	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: WOLF PROPERTY (#152) - PYE CLAIMS
Area (Grid):
Collectors: JASON MILLER

Results Plotted By: JASON MILLER
Map: NTS:
Date: EARLY JULY, 1990 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90-0-152R-001	5200' EL. NEAR TOP OF PLATEAU ON A RIDGE NEXT TO A CREEK, WEST OF WOLF		✓					Hbl intrusive (granodiorite?)	Malachite, chalcocite, and minor azurite coatings on fracture planes. Trace disseminated Cpy. O/C is 8m × 10m. Fresh country rock.	
90-0-152R-002	Trevor Peak. North-east end. 4920' ELEV.		✓					andesitic tuff.	Fracture controlled gossanous zone (50cm wide) with abundant calcite, limonite and hematite. Sulphides have been weathered out.	
90-0-152R-003	N/S (sequence mistake).								N/S	
90-0-152R-004	As above; on the west side of a chute ELEV. 4900'		✓					andesite	Vuggy quartz veining with abundant limonite and hematite in a boxwork (≤2cm wide). Abundant pyrite disseminated along fractures.	
90-0-152R-005	North side of Trevor Peak in between 2 chutes. Top of wide goss zone. 4860'		✓					silicified volcanic	Dark grey quartz veining with a well developed limonitic boxwork. ≤20% pyrite and arsenopyrite as disseminations and blebs of disseminations	
90-0-152R-006	North side of Trevor Peak. middle of a chute. 4750' ELEV		✓					silicified volcanic	Grey with pervasive silicification and abundant blebs of disseminated sulphides. ± 20% pyrite; trace Cpy (pyrite tarnish?) and arsenopyrite.	
90-0-152R-007	North side of Trevor Peak. On west ridge of the Main chute. 4970' ELEV.		✓					silicified volcanic	Dark mottled grey, intensely silicified volcanic with 1% ≥ pyrite ≥ 5%. Calcite, limonite, hematite and minor malachite occur on fracture	
90-0-152R-008	Next chute to the west of K-007 4860' ELEV.		✓					Volcanic? gossanous boxwork	A gossanous zone (.5 to 1m wide) consisting of a "pumice-like" boxwork with abundant limonite, hematite and manganese stains.	
90-0-152R-009	Near AM-26 rock sample. West of Wolf. Showing. Talus boulder		✓				✓(?)	Mafic volcanic (?)	Smokey black chalcedony with some light grey quartz veining. Rusty fractures; brittle. Minor disseminated sulphides.	
90-0-152R-010	Near AM-26 rock sample, west of Wolf showing. Talus boulder		✓					Unknown? rusty, very altered	Flesh coloured quartz stockwork with minor calcite in a very altered rusty rock. Altered to quartz-sericite (?) or silicified (?).	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: WOLF PROPERTY (#152) - AXE CLAIMS
Area (Grid):
Collectors: JASON MILLER

Results Plotted By: JASON MILLER
Map: NTS:
Date: EARLY JULY 1990 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90-0-152R-011	Near top of steep chute West of Wolf Showing. 5300' ELEV.		✓					andesite (?)	Mottled dark and light grey chalcedonic quartz vein (~30-40cm wide). Minor brecciation. Up to ~2% pyrite as disseminations and blebs.	
90-0-152R-012	As above middle of chute 5260' ELEV		✓					silicified andesite (?)	Dark and light grey quartz vein in a bleached-colored quartz vein (2 events). Abundant pyrite, minor Cpy, blebs galena, ± arseno, ± sphalerite.	
90-0-152R-013	East side of chute West of Wolf Showing 5120' ELEV		✓					altered andesite (?)	Rusty, gossanous zone (~1 m²) in a large cliff o/c. Abundant limonite/hematite. No visable sulphides.	
90-0-152R-014	West side of chute mentioned above. 5070' ELEV.		✓					Dark blue silicified volcanic (and?)	Silicified volcanic with abundant lim/hem stained fractures. Contains diss. pyrite, minor Cpy, minor malachite, ± arseno (smell).	
90-0-152R-015	West along ridge from R-014		✓					as above	As above. Sulphides occur along fractures sporadicly (like pods). Very rusty - hard to get a fresh surface.	
90-0-152R-016	East of R-015 towards the Wolf Showing. East side of large ridge. 4610'		✓					Hbl porph. intrusive	Fracture controlled quartz vein with disseminated pyrite and Cpy. Malachite and azurite occur along fractures	
90-0-152R-017	East of R-016 towards Wolf Showing. 4510' EL		✓					as above	Crustiform quartz veining with minor pyrite and hematite. Pyrite is pseudomorphing a dodecahedron crystal form.	
90-0-152R-018	North of Wolf Showing across the Plateau. West side of gossanous chute 5350'		✓					greywacke	~5% pyrhotite finely disseminated, pervasively distributed throughout the rock. Abundant hematite, limonite, and manganese stain on fract.	
90-0-152R-019	Middle of chute as above. o/c is 7m x 7m 5310' ELEV		✓					silicified intrusive (Hbl porph)	~2-3% very finely disseminated pyrhotite. Mottled grey color. Abundant Fe and Mn stains along fractures.	
90-0-152R-020	West side of chute as above 5230' ELEV.		✓					silicified siltstone (near intrusion)	Dark grey thinly veinlets. Pyrhotite, pyrite, Cpy, galena, and sph (?) occur as dissemination and stains with calcite.	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: WOLF PROPERTY (#152) - AXE CLAIMS
Area (Grid):
Collectors: JASON MILLER

Results Plotted By: JASON MILLER
Map: NTS:
Date: EARLY JULY 1990 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90-0-152R-021	West side of chute as last sample. Main chute. 5060'		✓					greywacke	Abundant pyrite, hematite, ↑ Cpy along fractures. Country rock is reasonably unaltered.	
90-0-152R-022	West side of Chute, east of R-021 chute. 5580' ELEV		✓					Hbl porph intrusive (granodior?)	Buried quartz vein (≥20cm wide). Finely disseminated pyrite and Cpy. Sulphides also occur in vugs (≈1% Sx). Minor biotite blebs.	
90-0-152R-023	Downslope of R-022 5520' ELEV		✓					as above	Disseminated pyrite and hematite along fractures. Minor Cpy. Occurs as a "pod".	
90-0-152R-024	Middle of main chute Below R-023 5410' ELEV		✓					as above	Quartz vein with disseminated pyrite and magnetite. K-felds and epidote occur along alteration envelopes. Mdy seen in talus.	
90-0-152R-025	50 m west of creek 5340' ELEV		✓					as above (?)	"Pumice-like" boxwork. Minor molybdenite and yellow ferrimolybdite occur. Minor quartz veining and disseminated pyrite.	
90-0-152R-026	5m north along slope of R-025 5340' ELEV		✓					as above	Buff white quartz vein (≈2cm wide) with abundant Cpy (≈2%), malachite, minor pyrite, bornite, and azurite. K-feldspar alt in envelopes.	

APPENDIX X

Geophysical Report, Induced Polarization and Magnetometer Surveys, Wolf Plateau Property, Dease Lake Area, B.C.
by A. Scott

GEOPHYSICAL REPORT

INDUCED POLARIZATION AND MAGNETOMETER SURVEYS

WOLF PLATEAU PROPERTY

DEASE LAKE AREA, BRITISH COLUMBIA

WOLF PLATEAU, WOLF EAST, AND TREVOR PEAK GRIDS

on behalf of

KEEWATIN ENGINEERING INC.
800 - 900 West Hastings Street
Vancouver, B.C. V6C 1E5

Field work completed: August 11-15, 22, 1990

by

Alan Scott, Geophysicist
SCOTT GEOPHYSICS LTD.
4013 West 14th Avenue
Vancouver, B.C. V6R 2X3

January 11, 1991

TABLE OF CONTENTS

1. INTRODUCTION

Induced polarization and magnetometer surveys were conducted over portions of the Wolf Plateau Property, Dease Lake Area, B.C., within the period August 11-15, and on August 22, 1990. The work was conducted by Scott Geophysics Ltd. on behalf of Keewatin Engineering Inc.

The pole dipole electrode array was used on the induced polarization survey, with "a" spacings of 25 and 75 meters, and "n" separations of 1 and 2. The current electrode location with respect to the receiving electrodes is indicated on the pseudosections.

Total field magnetometer readings were taken at 25 meter intervals.

This report describes the instrumentation and procedures, and presents the results of the surveys.

2. CLAIMS LOCATION AND ACCESS

The Wolf Plateau Property is located some 80 kms south of Dease Lake, B.C. Access to the survey area was by helicopter from a camp established by Keewatin.

3. SURVEY GRID AND SURVEY COVERAGE

A total of 10.9 line kilometers of induced polarization and magnetometer survey were completed on the Wolf Plateau Property. Of this total, 5.5 kms were on the Wolf Plateau Grid, 4.0 were on the Wolf East Grid, and 1.35 were on the Trevor Peak Grid. The grid lines were established concurrently with the induced polarization survey. Details of lines surveyed are given in the production report.

4. PERSONNEL

Jim Hawkins, geophysicist, was the party chief on the survey. Dave Mehner, geologist, was the Keewatin representative for the survey.

5. INSTRUMENTATION AND PROCEDURES

A Scintrex IPR11 time domain, microprocessor based receiver, and a Scintrex 2.5 kw IPC7 transmitter were used for the induced polarization survey. Readings were taken using a 2 second alternating square wave. The chargeability for the eighth slice (690 to 1050 milliseconds after shutoff; midpoint at 870 milliseconds) is the value that has been plotted on the accompanying plans and pseudosections.

The array used for this survey is a variation of the pole dipole array, using "a" spacings of 25 and 75 meters at "n" separations of 1 and 2. The array is designed to provide rapid coverage on widely spaced lines, with the objective of detecting large scale features that may merit more detailed followup. The near spacings (a=25 meters) provide an estimate of depth to the top of any anomalies detected.

Two EDA OMNI total field proton precession magnetometers were used for the magnetometer survey. One unit was used as a fixed base station, cycling at 15 second intervals, and the other as the survey unit. Readings were taken concurrently with the induced polarization survey, during moves between stations. A noise envelope of less than plus/minus 10 gammas could be present for any readings that may have been taken when the transmitter was on.

The survey data was archived, processed, and plotted using a Toshiba T1200 microcomputer running Scintrex Soft II and proprietary software.

6. DISCUSSION OF RESULTS

The chargeability and resistivity results are presented in standard pseudosection form, and as contour plans for the a=75/n=1 values on the accompanying maps.

Chargeability highs detected on the survey have been defined on the accompanying pseudosections and plan maps as follows:

- strong chargeability high
- moderate chargeability high
- weak chargeability high
- weak, poorly defined, chargeability high

The magnetometer survey results are contoured at a 500 gamma contour interval on the accompanying plan maps.

Wolf Plateau Grid:

A trend of weak chargeability highs were detected near the north end of the all survey lines, and at the south end of lines 1200E and 1600E.

Wolf East and Trevor Peak Grids:

A moderate to strong chargeability high was detected at the north end of all three survey lines on the Wolf East Grid. It is open to the north.

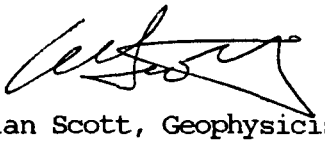
Only poorly defined, weak chargeability highs were detected on the Trevor Peak survey line.

6. RECOMMENDATIONS

The induced polarization survey on the Wolf Plateau Property detected weak chargeability highs at the north and south edges of the Wolf Plateau Grid and a moderate to strong chargeability high, which is coincident with low resistivity, at the north end of the Wolf East Grid. Their locations are indicated on the pseudosections and plan maps accompanying this report.

Correlation of these results to geochemical and geological information is required before any recommendation for further work could be made.

Respectfully Submitted,



Alan Scott, Geophysicist

SCOTT GEOPHYSICS LTD.
4013 West 14th Avenue
Vancouver, B.C. V6R 2X3
(604) 228 0237

GEOPHYSICAL SURVEY PRODUCTION REPORT page___of___

IPR11 Survey: pole dipole array a=25 and 75, n=1 and 2

Project No.: 9031 Client: KEEWATIN ENG. INC. Area: WP, DEASE LAKE, B.C.

Date	Lines surveyed and comments		Production
Sat Aug. 11	IP/mag L0/225N-650S L400E/225N-650S L800E/225N-600S	WP Grid	2525 meters IP 2525 meters mag
Sun Aug. 12	IP/mag L1200E/225N-1425S	WP Grid	1650 meters IP 1650 meters mag
Mon Aug. 13	IP/mag L1600E/0-1350S L0/150S-400N	WP Grid WE Grid	1900 meters IP 1900 meters mag
Tues Aug. 14	IP/mag L0/400N-1200N, 150N-675S L400W/150S-25N	WE Grid	1800 meters IP 1800 meters mag
Wed Aug. 15	IP/mag L400W/25N-1100N L800W/525N-1075N	WE Grid	1625 meters IP 1625 meters mag
Wed Aug. 22	IP/mag L1 0-1350S	TP Grid	1350 meters IP 1350 meters mag
	Totals		10850 meters IP 10850 meters mag

Remarks:

Personnel:	S	S	M	T	W		W
Jim Hawkins	r	r	r	r	r		t
Scott Benson	t	c	t	p	t		p
Mitch Davies	c	t	c	t	p		r
Keewatin Personnel:							
James Tashoots	p	p	p	p	p		p
Newton Carlick	p	p	p	c	c		_
Casey Louis							c

r = receiver t = transmitter
p = pots c = current
s = standby m = mob/demob
d = data proc.

Signed: _____ Date: Jan 10/91

Statement of Qualifications

for

Alan Scott, Geophysicist

of

4013 West 14th Avenue
Vancouver, B.C. V6R 2X3

I, Alan Scott, hereby certify the following statements regarding my qualifications and involvement in the program of work described in this report.

1. The work was performed by individuals sufficiently trained and qualified for its performance.

2. I own no interest in the property under consideration in this report, nor in the company on whose behalf this report has been written.

3. I graduated from the University of British Columbia with a Bachelor of Science degree (Geophysics) in 1970, and with a Master of Business Administration degree in 1982.

4. I am a member of the B.C. Geophysical Society and of the Society of Exploration Geophysicists.

5. I have been praticing my profession as a Geophysicist in the field of Mineral Exploration since 1970.

Respectfully submitted,

Alan Scott

APPENDIX XI

Geophysical Report, Induced Polarization and Magnetometer Surveys, Sun Plateau Property, Dease Lake Area, B.C.
by A. Scott

GEOPHYSICAL REPORT

INDUCED POLARIZATION AND MAGNETOMETER SURVEYS

SUN PLATEAU PROPERTY

DEASE LAKE AREA, BRITISH COLUMBIA

on behalf of

KEEWATIN ENGINEERING INC.
800 - 900 West Hastings Street
Vancouver, B.C. V6C 1E5

Field work completed: July 29 to August 2, 1990

by

Alan Scott, Geophysicist
SCOTT GEOPHYSICS LTD.
4013 West 14th Avenue
Vancouver, B.C. V6R 2X3

November 24, 1990

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1. INTRODUCTION

Induced polarization and magnetometer surveys were conducted over portions of the Sun Plateau Property, Dease Lake Area, B.C., within the period July 29 to August 2, 1990. The work was conducted by Scott Geophysics Ltd. on behalf of Keewatin Engineering Inc.

The pole dipole electrode array was used on the induced polarization survey, with "a" spacings of 25 and 75 meters, and "n" separations of 1 and 2. The current electrode was to the north of the receiving electrodes on all survey lines.

Total field magnetometer readings were taken at 25 meter intervals.

This report describes the instrumentation and procedures, and presents the results of the surveys.

2. CLAIMS LOCATION AND ACCESS

The Sun Property is located some 80 kms south of Dease Lake, B.C. Access to the survey area was by helicopter from a camp established by Keewatin.

3. SURVEY GRID AND SURVEY COVERAGE

A total of 13.7 line kilometers of induced polarization survey and 11.2 line kilometers of magnetometer survey were completed on the Sun Plateau Property. The grid lines were established concurrently with the induced polarization survey. Details of lines surveyed are given in the production report.

4. PERSONNEL

Jim Hawkins, geophysicist, was the party chief on the survey. Dave Mehner, geologist, was the Keewatin representative for the survey.

5. INSTRUMENTATION

A Scintrex IPR11 time domain, microprocessor based receiver, and a Scintrex 2.5 kw IPC7 transmitter were used for the induced polarization survey. Readings were taken using a 2 second alternating square wave. The chargeability for the eighth slice (690 to 1050 milliseconds after shutoff; midpoint at 870 milliseconds) is the value that has been plotted on the accompanying plans and pseudosections.

The array used for this survey is a variation of the pole dipole array, using "a" spacings of 25 and 75 meters at "n" separations of 1 and 2. The array is designed to provide rapid coverage on widely spaced lines, with the objective of detecting large scale features that may merit more detailed followup.

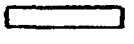
Two EDA OMNI total field proton precession magnetometers were used for the magnetometer survey. One unit was used as a fixed base station, cycling at 15 second intervals, and the other as the survey unit. Readings were taken concurrently with the induced polarization survey, during moves between stations. A noise envelope of less than plus/minus 10 gammas may be present for any readings that may have been taken when the transmitter was on.

The survey data was archived, processed, and plotted using a Toshiba T1200 microcomputer running Scintrex Soft II and proprietary software.

6. DISCUSSION OF RESULTS

The chargeability and resistivity results are presented in standard pseudosection form, and as contour plans for the a=75/n=1 values on the accompanying maps.

Only weak chargeability responses were detected on the Sun Plateau survey. They have been defined on the accompanying pseudosections and plan maps as follows:

 weak chargeability high

 weak, poorly defined, chargeability high

Weak chargeability highs were detected at:

- south end of lines 1200E and 1600E

Weak, poorly defined chargeability highs were detected at:

- line 1200E/1675S-1900S

- line 1200E/775S-1000S to 1600E/475S-700S to 2000E/400S-450S

- line 800E/1450S-1600S

The magnetometer survey results are presented as posted values and as line profiles on the accompanying maps. No useable data was collected for line 1600E. The profiles indicate a somewhat noisy magnetic environment, with several spot (single station) highs (or lows). Much of the survey area consists of a boulder plain, and such spot highs are believed to be due to boulders containing magnetite rather than bedrock features.

The wide line spacing and somewhat erratic character of the values makes interline correlation dubious, but two relatively well defined highs have been interpreted on the profile map on lines 200E to 1200E.

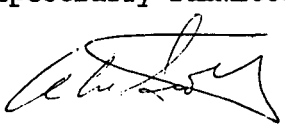
6. RECOMMENDATIONS

The induced polarization survey on the Sun Plateau Property was designed to obtain rapid coverage on widely spaced lines, towards the detection of large scale targets that may merit further investigation.

The only such feature indicated by the present survey is the weak chargeablity high at the south end of lines 1200E and 1600E. This feature is open to the east, west, and south, and is increasing in amplitude to the south.

Other weak chargeability highs referred to in this report, could not be recommended for further work at this time. However, should the focus of the program be redirected towards smaller scale features, fill in survey to a 200 meter (or less) interline spacing is recommended.

Respectfully Submitted,



Alan Scott, Geophysicist

Statement of Qualifications

for

Alan Scott, Geophysicist

of

4013 West 14th Avenue
Vancouver, B.C. V6R 2X3

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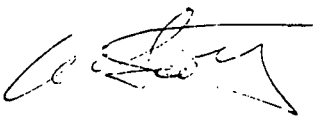

Alan Scott

APPENDIX XII

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, DAVID T. MEHNER, of 333 Scenic Drive, in the Municipality of Coldstream, in the Province of British Columbia, do hereby certify that:

1. I am a Consulting Geologist with Keewatin Engineering Inc., with offices at 800 - 900 West Hastings Street, Vancouver, B.C. V6C 1E5.

2. I am a graduate of the University of Manitoba, B.Sc. Honours, 1976, M.Sc. Geology, 1982.

3. I have practised my profession continuously since 1979.

4. I am a Fellow of the Geological Association of Canada.

5. During the period of July to October, 1990, I managed and carried out the exploration program on the Axe property claims near Kinaskan Lake on behalf of Ascot Resources Ltd.

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

Dated at Vancouver, British Columbia, this 13th day of March, A.D. 1991.

Respectfully submitted,

D Mehner

David T. Mehner, M.Sc., FGAC