ASSESSMENT REPORT

ON GEOLOGICAL MAPPING, ROCK AND SOIL GEOCHEMICAL SAMPLING OF THE HORN MINERAL CLAIM

Liard Mining Division, British Columbia
NTS 104G/9W
Latitude: 57° 43' N
Longitude: 130° 17' W

on behalf of

ASCOT RESOURCES LTD.
and
DRYDEN RESOURCE CORPORATION
Vancouver, B.C.

by

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April 9, 1991

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INTRODUCTION

The Horn claim is located on the west side of the Klastline Plateau within the Stikine Arch of northwestern British Columbia (Figure 1). The property was optioned by Ascot Resources Ltd. and Dryden Resource Corporation in 1989 from Tenajon Resources Corp. as a precious metal target.

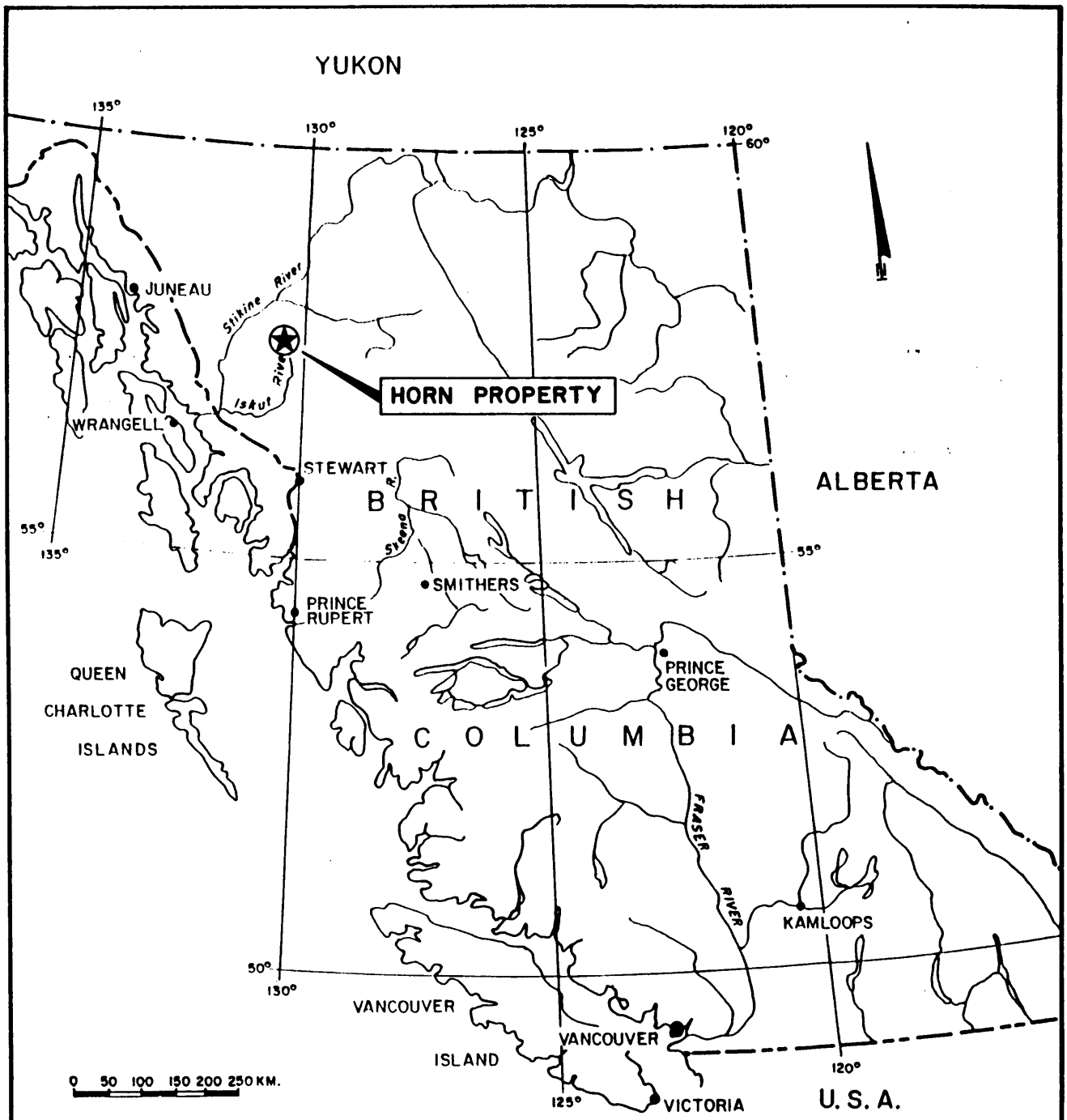
Initial exploration carried out on the property in 1989 consisted of a small program of, soil and rock geochemical sampling, prospecting and quick examinations of a number of known mineralized showings. This work confirmed the presence of good grade Pb-Zn veining associated with jasper-calcite barite veins in the northwest part of the property and identified discontinuous but good grade Pb-Zn veining in the north-central part of the claim. Weak porphyry copper style mineralization with elevated gold values was also noted in the southeast portion of the property.

In 1990, Keewatin Engineering Inc. was contracted by Ascot Resources Ltd. and Dryden Resource Corp. to carry out further exploration on the Horn property. The program completed included detailed mapping and sampling of known, significant, barite bearing vein and stockwork structures including the area around hole 81-1 (Main Target) where trenching in 1965 returned 11.04 oz/ton Ag from a zone 45 metres long by 4.2 metres wide; the area around hole 81-5 where veins containing native silver, tetrahedrite, galena, chalcopyrite and bornite were identified and rock grabs returned results up to 87.96 oz/ton Ag; and the area around holes 81-6 and 81-7 where galena, chalcopyrite and pyrite were noted in veins on surface and subsequent drilling returned results of 3 metres grading 0.30 oz/ton Ag and 0.001 oz/ton Au in hole 81-7. In addition, the Pb-Zn vein target identified in 1989 was covered with a picket grid and then mapped and soil sampled. Major, east-west striking felsite dykes cutting through the centre of the property were traced out, prospected and rock sampled and contour soil lines were put in along the western end of the property near the contact of a felsite plug.

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, 10 km south-southeast of the property.

Location and Access

The Horn claim is located in the Stikine region of northwestern British Columbia approximately 200 km north of Stewart, 11 km west of the north end of Kinaskan Lake and 23 km



PROPERTY LOCATION MAP

Figure 1

KEEWATIN ENGINEERING INC.

southwest of Iskut Village. The claim is centred at about 57° 43' North latitude and 130° 17' West longitude on NTS map sheet 104G/9W (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 17 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.

Topography

The Horn claim covers the headwaters of the west-southwest flowing Dedeia Creek. Topography on the north side of the creek is very rugged with steep southerly facing slopes containing numerous bluffs and steep talus covered slides. The south side of the creek is more moderate with alpine grasses covering much of the slope and the Dedeia Creek valley.

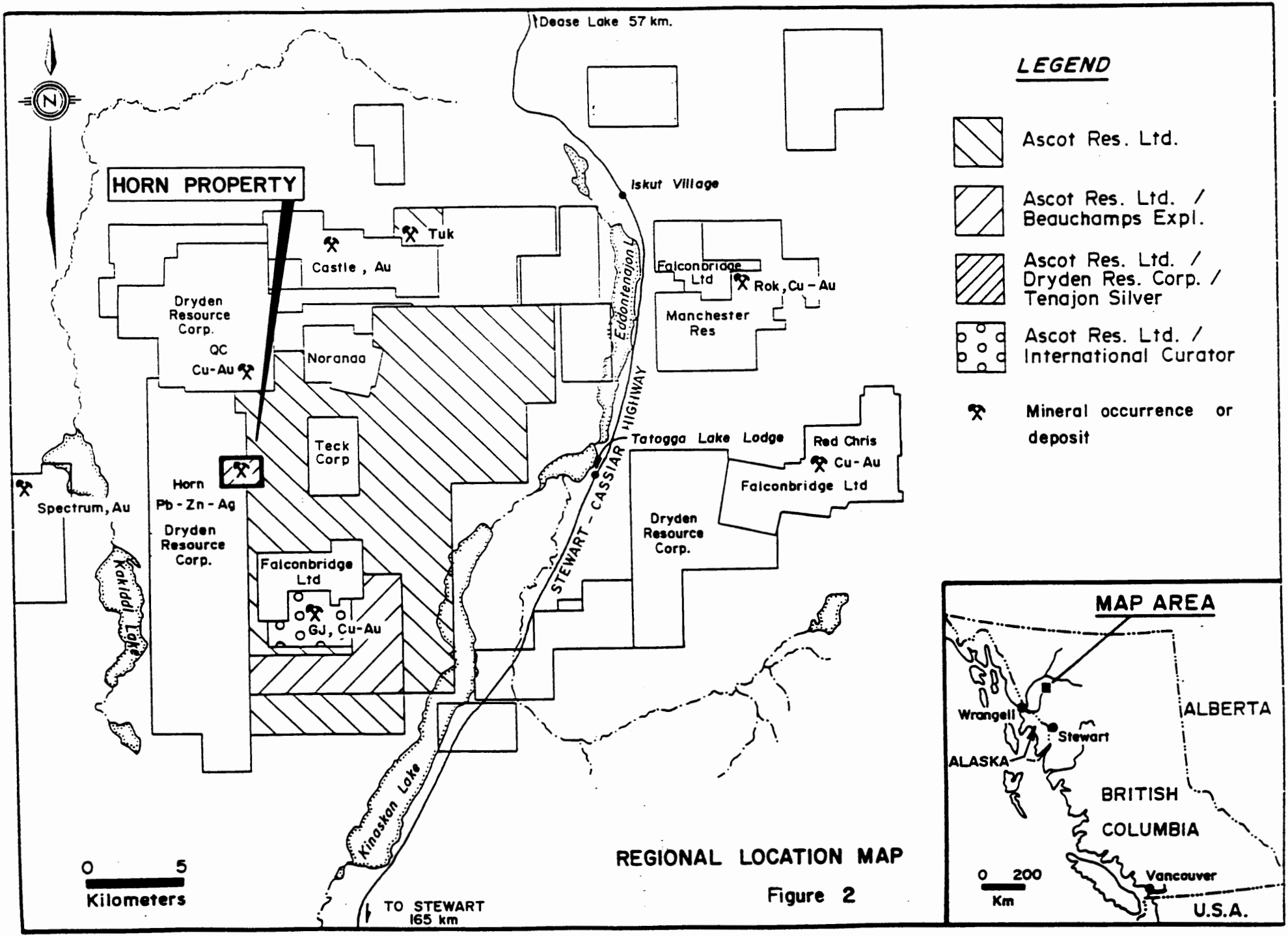
Elevations vary from 1,920 metres above sea level (6,300 ft. ASL) on top of the Klastline Plateau in the north central part of the property to about 1,290 metres above sea level (4,232 feet A.S.L.) along Dedeia Creek at the western edge of the property (Map 1).

Most of the property is above tree line. Vegetation consists of alpine flowers and grasses over most of the property. Sub-alpine scrub, slide alder and small spruce occur along Dedeia Creek valley near the extreme western edge of the property.

Precipitation on the property is moderate averaging about 100 cm per year. Thick accumulations of snow are common during winter. Fieldwork 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.

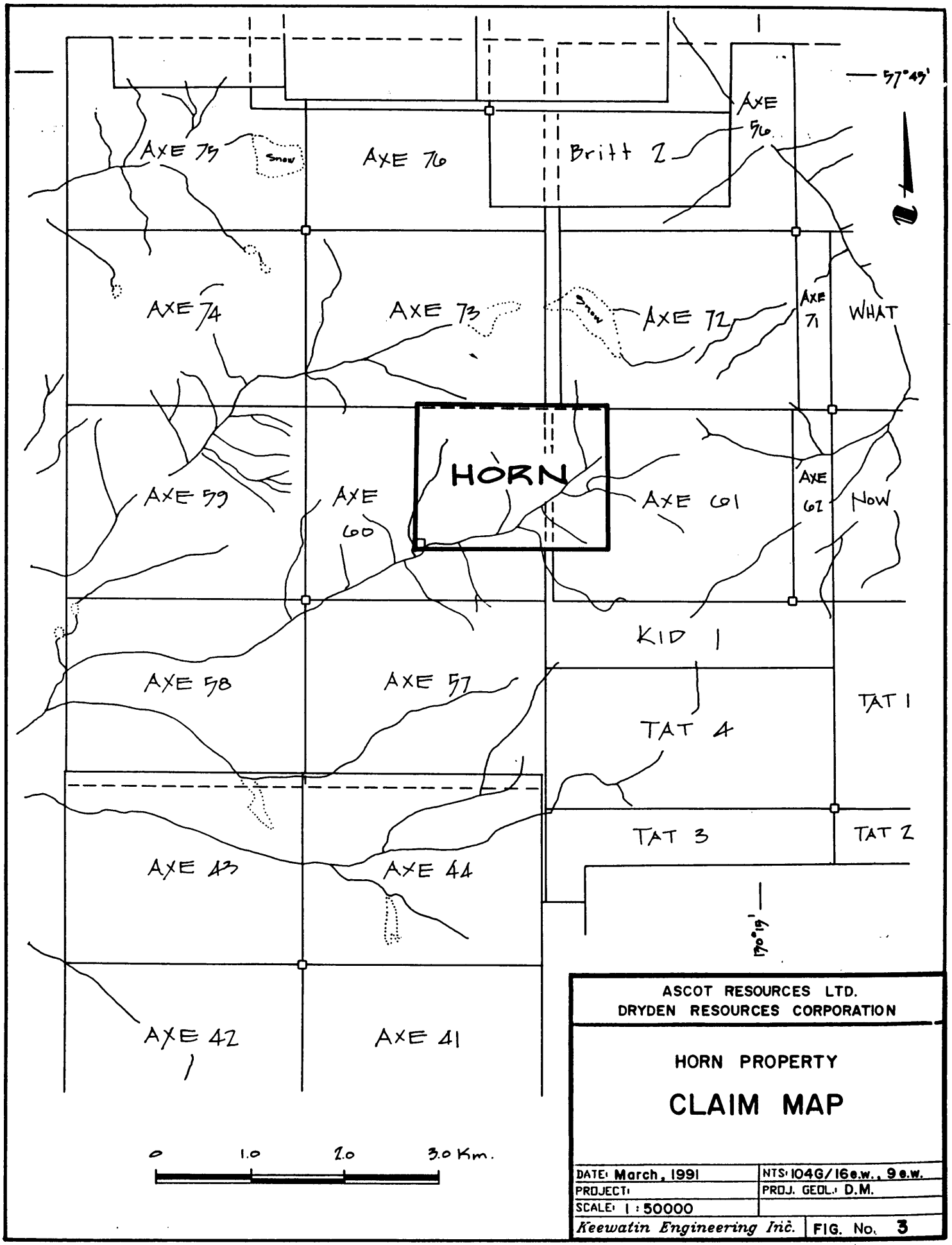
Property and Ownership

The Horn property is located in the Liard Mining Division (Figure 3) and consists of one, twelve unit claim:



REGIONAL LOCATION MAP

Figure 2



ASCOT RESOURCES LTD.
DRYDEN RESOURCES CORPORATION

HORN PROPERTY

CLAIM MAP

DATE: March, 1991	NTS: 104G/16e.w., 9e.w.
PROJECT:	PROJ. GEOL.: D.M.
SCALE: 1 : 50000	
Keewatin Engineering Inc.	FIG. No. 3

Claim Name	Record No.	No. of Units	Date Recorded	Expiry Date*
Horn	793	12	June 6, 1979	June 6, 2001

* Due date after filing this report.

The claim is owned 100% by Tenajon Resources Corp. with offices at #860-625 Howe Street, Vancouver, B.C., V6C 2T6.

Previous Exploration

The Horn 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 and peripheral, precious metal shear/vein mineralization.

The first recorded work carried out on the property occurred in 1964 during a regional evaluation of the Klastline Plateau by Conwest Exploration Co. Ltd. Initially, prospectors located a number of galena - sphalerite ± native silver rich veins in the Dedeia Creek area (Noel, 1980) which led to the staking of the 48 unit, S.F. property. In 1965, Conwest carried out a program of trenching, rock sampling and geological mapping. This work located a number of barite rich shear and fracture zones within a red volcanic conglomerate unit. The zones returned significant silver values with the best measuring 45 metres long x 4.2 metres wide and grading 11.04 oz/ton Ag (Phendler, 1980). Overall, the extensive trenching program in 1965 showed silver values to be erratically distributed over an area 100 metres x 40 metres. Three diamond drill holes totalling 1,069 feet tested part of this zone and intersected a few narrow intervals (0.50 to 1.50 metres) in the 3 to 10 oz/ton Ag range. The holes also returned low silver values over greater widths (26.8 metres of 1.43 oz/ton Ag) but these results were considered disappointing and the claims were allowed to lapse.

In 1979, N. Wychopen staked the Horn claim for Don McLeod who then sold it in 1980 to ERL Resources Ltd. (now Tenajon Resources Corp.). In 1980 a soil geochemistry survey and detailed prospecting extended the zone of known mineralization at least 300 metres to the east. A number of silver bearing veins were discovered during this program including a barite-chalcopyrite-galena vein grading 73.03 oz/ton Ag over 2 metres (Noel, 1980). In addition, a number of anomalous Au values up to 990 ppb were obtained from soil samples taken near the eastern edge of the property. In 1981 (Thompson and Hogarth, 1981) further prospecting, geological mapping, soil sampling and 7 diamond

drill holes totalling 712.0 metres (2,336 feet) were completed on the property. Drill intersections up to 13.50 oz/ton Ag and 0.680 oz/ton Au over one metre intervals were obtained but most results were considerably lower and the mineralization was found to be very erratic. Rock sampling on the east side of the claim group yielded anomalous gold values to 1,460 ppb but were never followed up. From then until 1988 the entire Klastline Plateau area remained relatively inactive until the G.S.C. carried out a regional stream silt sampling program (National Geochemical Reconnaissance, 1988).

In late summer of 1989 the property was optioned by Ascot and Dryden for its precious metal potential. Exploration work was restricted to brief examinations of a few mineralized showings and limited prospecting/contour soil sampling traverses over areas of the property that had been relatively unexplored in the past. Systematic sampling and mapping of known barite vein systems as well as sampling and prospecting of the felsite dykes and sills and targets identified in the 1989 program was the main focus of the work program.

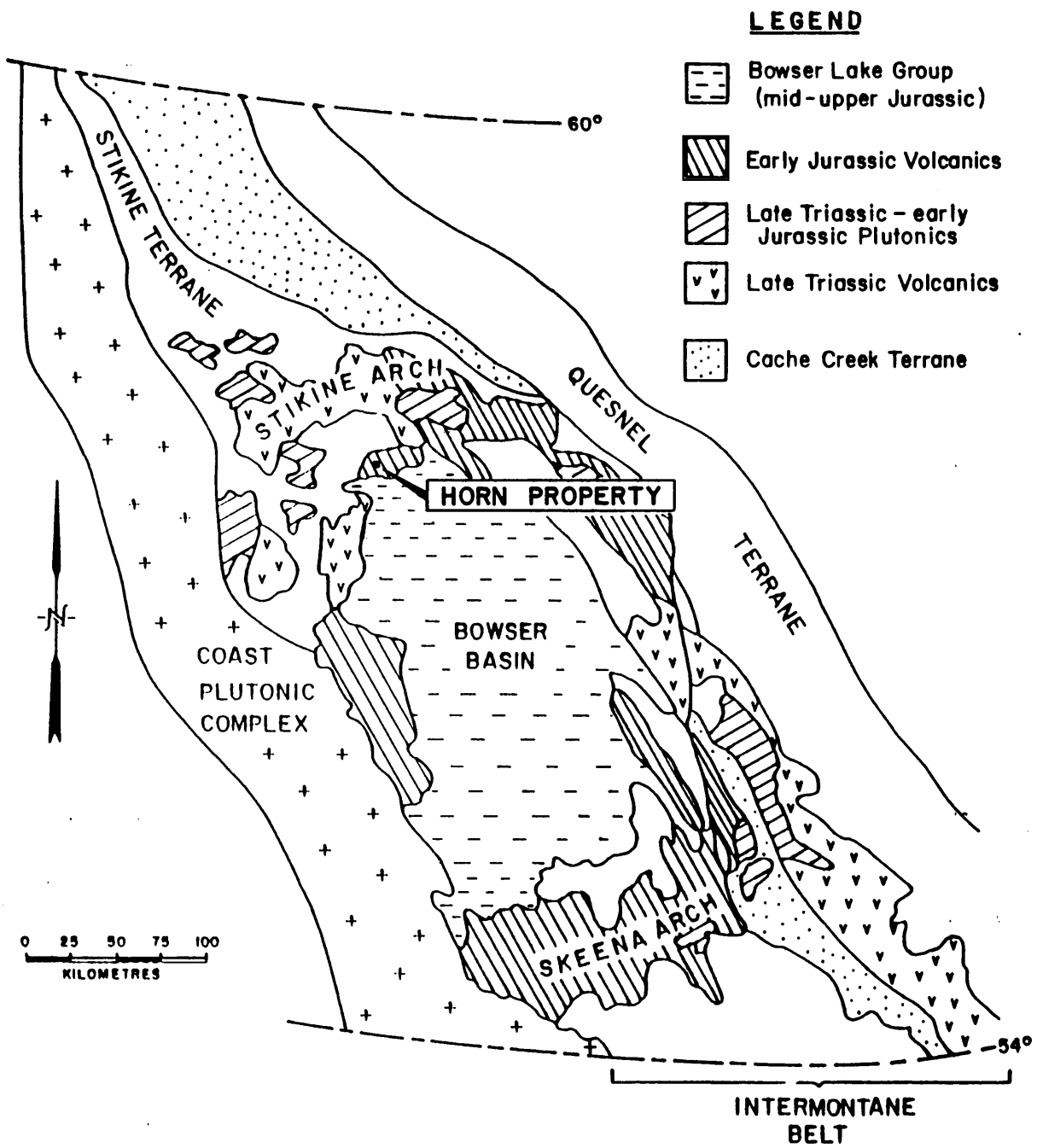
GEOLOGY

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. 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.

Unconformably overlying the above units 12.5 km to the south are chert pebble conglomerate, grit, greywacke and siltstone of Middle to Upper Jurassic, Bowser Lake 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.

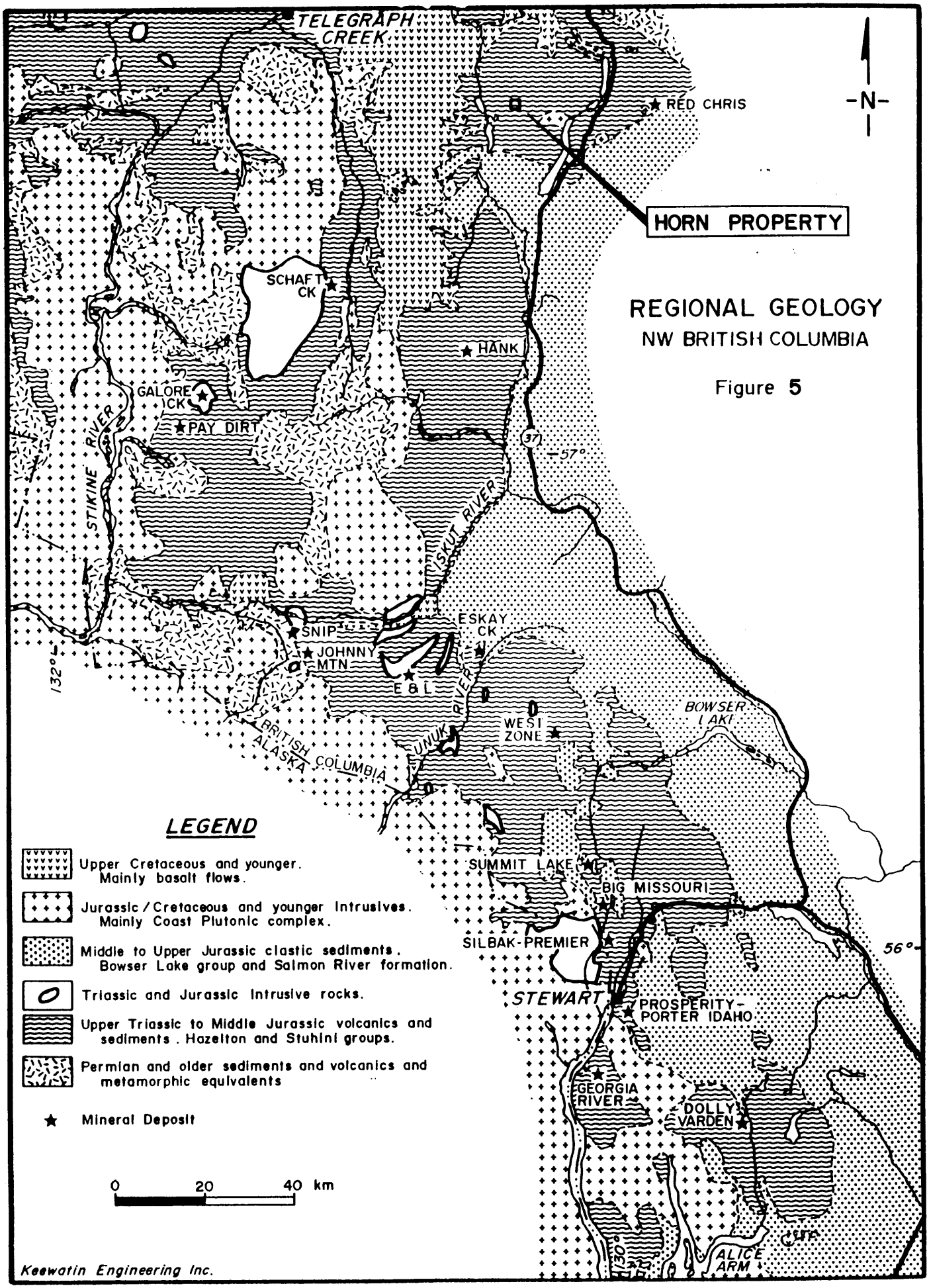


REGIONAL GEOLOGY
BOWSER BASIN
NW BRITISH COLUMBIA

(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-
HORN PROPERTY
REGIONAL GEOLOGY
NW BRITISH COLUMBIA
Figure 5
SCHAFT CK
HANK
GALORE CK
PAY DIRT
STIKINE RIVER
37
57°
ESKAY CK
SNIP
JOHNNY MTN
E & L
WEST ZONE
BOWSER LAKE
BRITISH COLUMBIA
ALASKA
SUMMIT LAKE
BIG MISSOURI
SILBAK-PREMIER
56°
STEWART
PROSPERITY-PORTER IDAHO
GEORGIA RIVER
DOLLY VARDEN
ALICE ARM
LEGEND
Upper Cretaceous and younger. Mainly basalt flows.
Jurassic / Cretaceous and younger intrusives. Mainly Coast Plutonic complex.
Middle to Upper Jurassic clastic sediments. Bowser Lake group and Salmon River formation.
Triassic and Jurassic intrusive rocks.
Upper Triassic to Middle Jurassic volcanics and sediments. Hazelton and Stuhini groups.
Permian and older sediments and volcanics and metamorphic equivalents
Mineral Deposit
0 20 40 km
Keewatin Engineering Inc.

Capping the stratigraphy at the higher elevations are Upper Tertiary and Pleistocene 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) include:

A) The Red-Chris alkalic porphyry Cu-Au deposit located 28 km east of the property centre. 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 Cu-Au deposit is located on Quash Creek, 4.5 km north of the property. Discovered by Conwest Exploration in the 1960's, the deposit has inferred geological reserves of 100 million tons plus grading 0.12% Cu (Webb, 1970).

C) The GJ porphyry Cu-Au prospect located 7.0 km southeast of the property centre.

D) The Rok porphyry Cu-Au prospect is situated on the southeastern half of Ehahcezetle Mountain, 26.5 km to the east-northeast of the property centre. 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 Au vein system is located on the east slopes of Mt. Edziza, 10.5 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 Au prospect is located 12.0 km northeast of the property. 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).

Property Geology

Lithology

The Horn claim north of Dedeia Creek is primarily underlain (Map 1) by a massive sequence of red to green pebble and boulder conglomerates often containing limestone rock fragments with minor lithic greywacke and siltstone (Mehner, 1990). Underlying this intermixed sequence are distinct beds of massive, red, pebble to boulder andesite conglomerate interlayered with well-bedded siltstones, greywacke and minor pebble conglomerate.

Rusty weathering felsites intrude the stratigraphy as major east-west striking dykes and sills and as a plug in the northwest corner of the property. This unit 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.

South of Dedeia Creek the stratigraphy consists predominantly of black siltstone and green to purple, porphyritic andesite flows. An Upper Triassic to Lower Jurassic, propylitically altered diorite plug outcrops in the extreme southeast corner of the property.

Alteration

Low grade regional metamorphism has altered all rocks. Colloform and vuggy veins with calcite, quartz, jasper and barite occur in and adjacent to the felsite/rhyolite units. Orange colour anomalies from oxidized pyrite characterize the felsites. The Upper Triassic conglomerates to greywackes are typically red after oxidized hematite(?). Sections of the same stratigraphy are green, possibly due to more reducing hydrothermal fluids.

Structure

The central portion of the property consists of well bedded stratigraphy striking east-west and dipping about 55° to 75° north. The northeastern part of the property is considerably more complex with stratigraphy folded around a northeast-southwest axis and open to the northeast. Numerous, multi-directional block faults further complicate the stratigraphy in the northeast portion of the claim.

Mineralization

High grade silver values in excess of 20 oz/ton have come from narrow (typically <15 cm), discontinuous veins of galena accompanied by varying amounts of sphalerite, tetrahedrite, native silver, chalcopyrite and pyrite. These sulphide veins are usually found within or adjacent to larger (up to 8 metres wide) calcite-barite pods, veins, stringer zones and stockworks that are typically well banded with specular hematite and jasper and are concordant with bedding (Map 1).

The best mineralization on the property occurs around hole 81-1 (Map 2) where discontinuous calcite-barite veining occurs adjacent to east-west striking felsite dykes. Irregular, discontinuous sulphide veins in this area locally reach 30 cm wide but typically are less than 15 cm. Systematic chip sampling of old trenches and outcrops carried out in conjunction with mapping returned a high of 936.6 ppm Ag (27.3 oz/ton Ag) over a one metre interval. Weighted averages for individual sample sections returned a high of 382 ppm Ag (11.15 oz/ton Ag) over 3.0 metres. The remaining sample sections returned values of 8.70 oz/ton Ag over 5.25 metres, 7.85 and 7.52 oz/ton Ag over 3.0 metre intervals, 4.26 oz/ton Ag over 4.3 metres and 2.08 oz/ton Ag over 8.0 metres. These average less than the 11.04 oz/ton Ag obtained by Conwest Exploration in 1965 over the same area (45.0 metres x 4.2 metres; Phendler, 1980).

In the northeast portion of the property (Maps 3 and 4) barite veins appear to occur without any noticeable felsite dykes or sills. In this area the barite veins appear remobilized by folding into discontinuous lenses or boudins that are up to 50 metres long, but are usually less than 30 metres. Cross-cutting sulphide veins are less than 10 cm thick, erratic, discontinuous and sparse. Chip sampling returned substantially lower silver values when compared to the veins in close proximity to the felsite dykes and sills. The best individual result returned an anomalous value of 81.3 ppm Ag over 0.25 metres. Weighted averages for chip sample sections returned a high of 0.68 oz/ton Ag over 9.84 metres around hole 81-5.

During the course of the 1990 program a number of old, flagged sample sites were observed throughout the property. Many of these appear to identify grab sample locations where only sulphide vein material was taken. It is believed these sulphide samples account for the very high silver results obtained by previous workers.

GEOCHEMISTRY

During the 1990 field season 61 soils and 119 rock samples were collected from the property. The soil samples were taken from the 1,341 metre (4,400 ft) and 1,805 metre (5,920 ft) elevation contours in the western part of the property and from the Horn North grid established in the north-central part of the claim. The samples were taken at 50 metre intervals with the aid of a mattock. Wherever possible, samples were taken from the "B" soil horizon and placed in Kraft sample bags. Where the horizon was not developed samples were taken of whatever material, usually talus fines, was available.

Rock samples were taken as grabs of prospective looking material throughout the property or as systematic chip samples across the mineralized targets.

All rock and soil sample sites were marked with red and blue flagging. Chip samples across outcrops were marked with fluorescent orange 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 then forwarded to Min-En Laboratories in North Vancouver for Hg analysis plus Cu, Pb, Zn, Ag, As, Sb and Mo ICP.

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

Results

i) Soils: Soil samples taken from contour lines on the western side of the property were collected near the eastern contact of a felsite plug. Of the 24 samples collected, the only anomalous results were obtained in samples U-154S-007 which yielded values of 3.4 ppm Ag

and 129 ppm Cu and U-154S-006 which returned values of 354 ppm Pb, 1,083 ppm Zn and 166 ppm As. Results for all other elements were low.

Soil samples collected from the Horn North grid where narrow, discontinuous, galena-sphalerite veins were discovered in 1989 also returned low values. The highest values for each of the nine elements analyzed from these samples are:

Au:	18 ppb	Pb:	52 ppm	Sb:	7 ppm
Ag:	2.1 ppm	Zn:	186 ppm	Mo:	1 ppm
Cu:	106 ppm	As:	34 ppm	Hg:	435 ppb

A single soil sample, F-154-S001, collected from the area around holes 81-6 and 81-7 (Map 4) where the soil is iron orange in colour and angular, silicified boulders contain pyrite and chalcopyrite returned anomalous values including: 24 ppb Au, 26.4 ppm Ag, 319 ppm Cu, 1,916 ppm Pb, 25 ppm Mo and 990 ppb Hg.

Contour and grid soil geochemistry results are plotted on Maps 5 to 11. Soil geochemistry results are also listed in Appendix IV and soil sample descriptions are in Appendix V.

ii) Rocks: Systematic rock chip sampling was carried out over calcite-barite vein structures around holes 81-1 (Main Target; Map 2), 81-5 (Map 3) and 81-6 and 7 (Map 4). Chip sampling and grab samples were also taken of galena-sphalerite and calcite-barite veins in and adjacent to, east-west striking felsite sills and dykes in the central part of the property and from weakly mineralized material in the northeast, northwest and west central parts of the claims (Maps 5 to 11).

The most significant results were obtained from the area around hole 81-1 (Map 2) where erratic, discontinuous calcite-barite pods, veins and stockworks contain high grade but very spotty galena, native silver, tetrahedrite and chalcopyrite. Geochemistry results from this area returned highly anomalous values in silver, lead, copper and mercury. Weakly elevated antimony values were also obtained. A summary of the results for the 27 samples collected is as follows:

Lead:	Range 123 - 52,991 ppm; 14 samples >1,000 ppm
Zinc:	Range 8 - 3,082 ppm; 1 sample >1,000 ppm

Silver:	Range 13.5 - 936.6 ppm; 17 samples >100 ppm
Gold:	Range 1 - 49 ppb; 1 samples >40 ppb
Copper:	Range 27 - 1,447 ppm; 4 samples >1,000 ppm
Mercury:	Range 735 - 19,000 ppb; 23 samples > 3,000 ppb
Antimony:	Range 9 - 642 ppm; 7 samples >100 ppm
Arsenic:	Range 1 - 103 ppm; 3 samples >100 ppm
Molybdenum:	Range 2 - 22 ppm; 1 sample > 20 ppm

Weighted averages for chip samples taken across calcite-barite structures vary from a low of 2.08 oz/ton Ag, 1,105 ppm Pb and 60 ppm Zn over 8.0 metres to 11.15 oz/ton Ag, 189 ppm Pb and 37 ppm Zn over 3.0 metres.

During the course of systematic chip sampling it was discovered that highly anomalous lead, silver, copper and mercury values could be obtained from hangingwall and footwall samples (to the barite veins) whenever sulphide bearing veinlets were present.

The second best suite of anomalous samples were obtained in the central part of the property where calcite-barite veins with varying amounts of galena and sphalerite occur in and adjacent to felsite sills and dykes (Maps 5 to 11). Anomalous results in this area include values to 53,380 ppm Pb, 15,778 ppm Zn, 659.4 ppm Ag, 4,640 ppm Cu and 35,000 ppb Hg. Unlike the samples taken around hole 81-1, samples in this area contain less silver but generally more zinc. A summary of the results for the 32 samples collected is as follows:

Lead:	Range 70 - 53,380 ppm; 21 samples >1,000 ppm
Zinc:	Range 12 - 15,778 ppm; 19 samples >1,000 ppm
Silver:	Range 1.5 - 659.4 ppm; 2 samples >100 ppm
Gold:	Range 1 - 15 ppb; 0 samples >40 ppb
Copper:	Range 10 - 4,640 ppm; 2 samples >1,000 ppm
Mercury:	Range 225 - 35,000 ppb; 22 samples >3,000 ppb
Antimony:	Range 3 - 228 ppm; 0 samples >100 ppm
Arsenic:	Range 20 - 1,426 ppm; 5 samples >100 ppm
Molybdenum:	Range 1 - 204 ppm; 4 samples >20 ppm

Systematic sampling of calcite-barite vein structures around hole 81-5 (Map 3) returned lower but anomalous silver, lead, mercury and molybdenum values and weakly elevated antimony results. A summary of the results for the 29 samples collected is as follows:

Lead:	Range 68 - 4,557 ppm; 17 samples >1,000 ppm
Zinc:	Range 42 - 666 ppm; 0 samples >1,000 ppm
Silver:	Range 2.4 - 34.1 ppm; 0 samples >100 ppm
Gold:	Range 1 - 10 ppb; 0 samples >40 ppb
Copper:	Range 7 - 74 ppm; 0 samples >1,000 ppm
Mercury:	Range 585 - 8,510 ppb; 6 samples >3,000 ppb
Antimony:	Range 24 - 642 ppm; 10 samples >100 ppm
Arsenic:	Range 1 - 290 ppm; 3 samples >100 ppm
Molybdenum:	Range 1 - 118 ppm; 6 samples >20 ppm

A summary of weighted averages for samples taken across the vein structure in four separate areas is as follows:

CHIP SAMPLE GEOCHEMISTRY RESULTS FOR AREA AROUND HOLE 81-5

Section	Section Length (metres)	Average Grade		
		Ag oz/ton	Pb ppm	Zn ppm
C01-C07	11.1	0.44	1,219	223
C08-C017	16.15	0.40	1,684	169
C018-C023	9.84	0.68	1,581	201
R24-R28	7.5	0.53	103	152

Chip samples taken across calcite-barite vein structures around holes 81-6 and 7 (Map 4) returned anomalous silver, lead and mercury values but results are noticeably lower than in other areas. A summary of results for the 22 chip and 1 grab sample is as follows:

Lead:	Range 56 - 7,379 ppm; 2 samples >1,000 ppm
Zinc:	Range 26 - 840 ppm; 0 samples >1,000 ppm
Silver:	Range 2.1 - 81.3 ppm; 0 samples >100 ppm

Gold:	Range 1 - 26 ppb; 0 samples >40 ppb
Copper:	Range 7 - 7,379 ppm; 1 sample >1,000 ppm
Mercury:	Range 240 - 9,625 ppb; 5 samples >3,000 ppb
Antimony:	Range 1 - 67 ppm; 0 samples >100 ppm
Arsenic:	Range 1 - 76 ppm; 0 samples >100 ppm
Molybdenum:	Range 1 - 332 ppm; 3 samples >20 ppm

Eight float, grab and chip rock samples collected elsewhere on the property (Maps 5 to 11) returned values to 315.3 ppm Ag, 23,176 ppm Pb, 2,817 ppm Zn, 5 ppb Au, 1,012 ppm Cu, 3,375 ppb Hg, 221 ppm Sb, 55 ppm As and 35 ppm Mo.

Complete rock geochemistry results are in Appendix VI and rock sample descriptions are in Appendix VII.

CONCLUSIONS

Discontinuous calcite-barite pods, veins and stockworks associated with varying amounts of specular hematite and jasperoid occur in Upper Triassic, oxidized, maroon coloured volcaniclastics. Associated with the barite bearing structures are narrow, irregular and erratic galena ± sphalerite, tetrahedrite, native silver and chalcopyrite veins that average ≤15 cm wide. Where barite veins with sulphide veinlets in the interval have been sampled, results as high as 936.6 ppm Ag, 53,380 ppm Pb and 15,778 ppm Zn have been obtained. Systematic chip sampling across the barite structures however has yielded significantly lower values with the best results being 11.15 oz/ton Ag (382 ppm Ag), 189 ppb Pb and 37 ppm Zn over 3.0 metres.

To date exploration work on and around the areas of known mineralization has failed to provide sufficient encouragement to warrant further work. However, portions of the property have not been examined and these areas have the potential to host significant mineralization.

RECOMMENDATIONS

Further prospecting and soil geochemical sampling are recommended to evaluate those portions of the property, which have not been adequately tested.

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	1.0 days @ $425/day	$ 425.00	
D. Mehner	4.5 days @ $375/day	1,687.50	
M. Bobyn	8.5 days @ $325/day	2,762.50	
J. Miller	8.0 days @ $275/day	2,200.00	
F. Ferguson	1.0 days @ $325/day	325.00	
B. Ryziuk	0.5 days @ $300/day	150.00	
D. Perrett	4.0 days @ $250/day	1,000.00	
B. McIntyre	1.0 days @ $275/day	275.00	
M. Skeoch	4.5 days @ $240/day	1,080.00	
G. Nagy	2.5 days @ $250/day	625.00	
K. Kauss	2.5 days @ $225/day	562.50	
N. Carlick	1.5 days @ $175/day	262.50	
J. Tashoots	1.0 days @ $175/day	175.00	
T. Shepard	0.5 days @ $175/day	87.50	
K. Louis	2.0 days @ $175/day	350.00	
S. Creelman	0.5 days @ $200/day	100.00	
V. Jordan	8.0 days @ $250/day	2,000.00	
			$14,067.50
Accommodation and Food (includes Keewatin personnel and pilot)	55.0 days @ $60/day		3,300.00
Equipment Use	50.5 days @ $15/day		757.50
Helicopter (including fuel)			
Hughes 500	13.4 hrs @ $ 670/hour	$8,978.00	
Bell 205	2.10 hrs @ $1800/hour	3,780.00	
			12,758.00*
Geochemistry			
Soils	61 samples @ $10.00 each	$ 610.00	
(includes sample preparation; Au fire geochem; Hg analysis and 7 element ICP)			
Rocks	119 samples @ $12.50 each	1,487.50	
(includes analysis as for soils and silts)			2,097.50*
Camp Construction and Maintenance			
Propane, radios, generator, etc.			589.63*
Field Supplies			
Flagging, paint, pickets, etc.			250.00*
Expediting			415.19*
Travel			
Staff to and from Vancouver			363.72*
Freight			144.15*

Report Preparation			
D. Mehner	3.0 days @ $375/day	$1,125.00	
Drafting, typing, blueprints, accounting, etc.		2,525.96	
			3,650.96
Sub-Total:			**$38,394.15**
Handling Fee - 10% on 3rd Party invoices by Keewatin Engineering Inc. (denoted by *)			1,661.82
TOTAL EXPENDITURES:			**$40,055.97**

APPENDIX II

Summary of Personnel

SUMMARY OF PERSONNEL

Name	Position	Sampler Code	Dates Worked
Ron Nichols	Project Supervisor		
David Mehner	Senior Geologist	"AA"	August 11 (½ day), 16 (½ day), 17, 19 (½ day), 25; October 5.
Marty Bobyn	Project Geologist	"F"	July 29 (½ day), August 13 (½ day), 16 (½ day), 17, 19, 21-24; September 1.
Jason Miller	Geologist	"O"	June 22; August 5, 10, 11, 16 (½ day), 17, 21 (½ day), 31 (½ day); September 4 (½ day), 13.
Frank Ferguson	Surveyor		June 24.
Bob Ryziuk	Geological Technician	"BR"	September 18 (½ day).
Dan Perrett	Prospector	"DP"	August 17 (½ day), 21 (½ day), 22, 23, 25.
Brian McIntyre	Prospector	"X"	June 22.
Mike Skeoch	Prospector	"U"	June 21, July 16 (½ day); August 13 (½ day), 19, 21 (½ day), 23.
Grant Nagy	Sampler	"NN"	July 16 (½ day); August 5, 10.
Kurt Kauss	Sampler	"Y"	June 24; August 8, 9 (½ day).
Newton Carlick	Sampler		August 10 (½ day), 17.
James Tashoots	Sampler	"JT"	August 17.
Trevor Shepard	Sampler	"V"	July 16 (½ day).
Keith Louis	Sampler	"CL"	August 8, 9 (½ day), 10 (½ day).
Steve Creelman	Sampler		October 13 (½ day).
Verna Jordan	Cook/1st Aid Attendant		June 22; July 30; August 8, 10, 16, 17, 23, 25.

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

Soil Geochemistry Results

COMP: KEEWATIN ENGINEERING
PROJ: 154
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: 0V-1394-SJ1
DATE: 90/09/07
* SOIL * (ACT:)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90 U 154 S001	2	1.0	29	42	102	5	1	1	215
90 U 154 S002	3	1.1	27	32	68	2	1	1	105
90 U 154 S003	2	1.5	34	27	59	1	1	1	175
90 U 154 S004	5	.8	15	23	37	4	1	1	230
90 U 154 S005	2	1.9	24	72	441	56	1	3	505
90 U 154 S006	1	1.0	15	354	1083	166	16	3	865
90 U 154 S007	1	3.4	129	62	64	59	3	3	770
90 U 154 S008	3	1.4	35	25	77	17	1	1	105
90 U 154 S009	1	1.4	39	37	59	26	1	1	95
90 F 154 S001	24	26.4	319	1916	265	28	8	25	990

COMP: KEEWATIN ENGRG.
PROJ: 184
ATTN: RON 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: OV-1200-SJ1
DATE: 90/08/28
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90Y184S001	1	1.5	64	36	74	1	1	1	275
90Y184S002	1	1.3	41	40	85	1	1	1	195
90Y184S003	7	.8	51	28	75	1	1	1	90
90Y184S004	1	.7	37	27	62	1	1	1	215
90Y184S005	1	.3	19	20	85	1	1	1	100
90Y184S006	1	.6	24	19	92	1	1	1	70
90Y184S007	1	.6	28	21	148	1	1	1	125
90Y184S008	3	.7	27	17	111	1	1	1	95
90Y184S009	4	1.1	24	14	108	1	1	1	95
90Y184S010	1	1.0	39	18	102	1	1	1	135
90Y184S011	11	1.1	78	19	78	1	1	1	95
90Y184S012	3	1.2	44	18	130	1	1	1	130
90Y184S013	1	.5	43	23	131	1	1	1	195
90Y184S014	9	1.1	18	37	129	1	1	1	105
90Y184S015	1	1.4	33	80	157	1	1	1	175

COMP: KEEWATIN ENGINEERING
PROJ: 184
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-1205-SJ1
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
90CL 184 S 025	1	.7	106	42	90	2	7	1	165
90CL 184 S 026	14	.6	30	33	125	10	3	1	105
90CL 184 S 027	1	.9	32	38	56	7	2	1	435
90CL 184 S 028	1	.8	24	48	77	1	2	1	400
90CL 184 S 029	3	1.2	29	45	118	8	1	1	100
90CL 184 S 030 N/S	NO SAMPLE								
90CL 184 S 031 N/S	NO SAMPLE								
90CL 184 S 032	1	1.5	54	46	128	1	1	1	115
90CL 184 S 033	1	1.4	37	42	98	1	1	1	85
90CL 184 S 034	1	1.0	19	37	86	1	1	1	75
90CL 184 S 035	3	.7	22	32	94	2	1	1	135
90CL 184 S 036	1	2.1	39	52	186	11	1	1	205
90CL 184 S 037 N/S	NO SAMPLE								
90CL 184 S 038	1	1.7	32	24	104	1	1	1	90
90CL 184 S 039 N/S	NO SAMPLE								
90CL 184 S 040	1	1.2	30	30	92	1	1	1	105
90CL 184 S 041	1	1.8	41	29	109	1	1	1	110
90CL 184 S 042	7	1.5	42	38	120	1	1	1	75
90CL 184 S 043	6	1.5	31	16	82	1	1	1	65
90CL 184 S 044	8	.4	19	33	60	11	1	1	120
90CL 184 S 045	1	1.5	34	40	86	8	1	1	385
90CL 184 S 046	1	1.1	23	25	77	4	1	1	145
90CL 184 S 047	1	1.1	45	27	76	1	1	1	200
90CL 184 S 048	1	1.6	26	24	92	1	1	1	105
90CL 184 S 049	7	1.4	27	24	88	1	1	1	100
90CL 184 S 050	1	1.2	32	29	105	34	1	1	75
90CL 184 S 051	18	1.0	28	28	81	12	1	1	90
90CL 184 S 052	1	1.2	22	17	85	3	1	1	100

COMP: KEEWATIN ENGRG.
PROJ: 184
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-SJ2
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
90 NN 184 S 127	1	.6	23	26	56	17	1	1	240
90 NN 184 S 128	1	1.4	36	28	93	1	1	1	270
90 NN 184 S 129	1	1.4	28	25	99	6	1	1	105
90 NN 184 S 130	2	1.3	29	23	92	3	1	1	110
90 NN 184 S 131	1	1.0	27	20	80	1	1	1	85
90 NN 184 S 132	1	.9	19	18	61	19	1	1	95
90 NN 184 S 133	4	1.0	21	12	62	1	1	1	75

COMP: KEEWATIN ENGRG.
PROJ: 181
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-SJ1+D2
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
90 NN									
90 NN									
90 NN									
90									
90									
90									
90									
90									
90									
90									
90									
90									
90									
90									
90									
90									
90									
90									
90									
90									
90									
90									
90									
90 NN 181 S 126	2	.4	20	32	70	1	1	1	80

APPENDIX V

Soil Sample Descriptions

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: HORN # 154/184 — Results Plotted By: _____

Area (Grid): _____ — Map: _____ N.T.S.: 104G/9W

Collectors: KURT KAUSS — Date AUGUST / 1990

Sample Number 90Y-1845-00	Sample Location: ELEV ~~Line~~	Sample Location: Station	Notes: AUGUST 8. 1990 — START AT BIG CREEK BANK	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	1345		80% ORGANIC 20 CLAY		SW				✓					B	5	✓		✓		BLA
002	1345		40% ORG 40 SAND 10 GRAVEL 10 CLAY		SW				✓					B	10	✓		✓		MB
003	1345		60% SAND 20 ORGANIC 20 GRAVEL		NW				✓					B	20	✓		✓		MB
004	1345		70% SAND 20 ORGANIC 10 GRAVEL		SW				✓					B	25	✓		✓		MB
005	1345		60% SAND 20 CLAY 20 ANG FRAGS		SW				✓					B	30	✓			✓	MB
006	1345		80% SAND 10 ORGANIC 10 CLAY		SW			✓						B	50	✓		✓		MB
007	1345		80% SAND 20 GRAVEL		SW			✓						B	55	✓		✓		MB
008	1345		90% SAND 5 ANG FRAGS 5 SILT		SW			✓						B	55	✓		✓		MB
009	1345		90% SAND 5 ANG FRAGS 5 SILT		S			✓						B	50	✓		✓		DBR
010	1345		80% SAND 10 SILT 5 GRAVEL 5 ORGANIC		S			✓						B	55	✓		✓		MB
011	1345		60% SAND 10 GRAVEL 10 ANG 10 SILT 10 CLAY		S			✓						B	60	✓		✓		DBR
012	1345		50% SAND 20 ROUND 20 ANGULAR 10 SILT		S			✓						B	50	✓		✓		DBR
013	1345		40% SAND 40 ANGULAR 10 SILT 10 ORGANIC		S			✓						B	55	✓			✓	DBR
014	1345		40% SAND 40 ANGULAR 10 SILT 10 ORGANIC		S			✓						B	60	✓			✓	DBR
015	1345		40% SAND 40 GRAVEL 20 ORGANIC		S			✓						B	50	✓		✓		MA

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: HORN PROPERTY (#184)
Area (Grid): GRID HORN NORTH
Collectors: NEWTON CARLICK & KEITH LOUIE

Results Plotted By: KEITH LOUIE
Map: _____ N.T.S.: 104G/9W
Date AUG. 10/90

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon: Good	Soil Data: Horizon: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90-CL-1845-025	L 1E	00+00S	40 sand 25 round 25 ang 10 silt		S							✓		A	30cm		✓		✓	MB
S-026	1E	00+50S	40 sand 25 round 25 ang 10 silt		S							✓		A	30cm		✓		✓	MB
S-027	1E	1+00S	30 sand 30 ANG 30 round 10 silt		S							✓		A	30cm		✓		✓	MB
S-028	1E	1+50S	30 sand 30 ANG 30 round 10 silt		S							✓		A	30cm		✓		✓	MB
S-029	L2E	0+00SS	40 Sand 20 Gravel 20 ANG 10 round 10 silt		S							✓		A	20cm		✓		✓	MB
S-030	L2E	00+50S	N S SNOW CAP																	
S-031	L2E	1+00S	N S SNOW CAP																	
S-032	L2E	1+50S	30 sand 25 ANG 25 Gravel 10 silt 10 round		S							✓		A	10cm		✓		✓	MB
S-033	L2E	2+00S	30 sand 30 ANG 30 Gravel 10 silt		S							✓		A	15cm		✓		✓	MB
S-034	L2E	2+50S	30 sand 30 ANG 30 Gravel 10 silt		S							✓		A	20cm		✓		✓	MB
S-035	L2E	3+00S	90 ANG 10 Gravel		S							✓		A	30cm		✓		✓	MB
* S-036	L3E	00+00S	40 sand 40 ANG 10 silt 10 Gravel		S							✓		A	15cm		✓		✓	MB
S-037	L3E	00+50S	N.S. SAMPLE SNOW		S							✓		A			✓		✓	MB
S-038	L3E	1+00S	60 sand 20 ANG 10 silt 10 Gravel		S							✓		A	5cm		✓		✓	MB
S-039	L3E	1+50S	NS. SNOW CAP		S							✓		A			✓		✓	MB
S-040	L3E	2+00S	60 sand 20 ANG 10 silt 10 Gravel		S							✓		A	10cm		✓		✓	MB
S-041	L3E	2+50S	80 sand 10 ANG 10 silt		S							✓		A	30cm		✓		✓	MB
S-042	L3E	3+00S	80 sand 10 ANG 10 silt		S							✓		A	10cm		✓		✓	MB
S-043	L3E	3+40S	60 sand 20 ANG 10 Clay 10 silt		S							✓		A	10cm		✓		✓	MB
S-044	L4E	00+00S	70 sand 10 ANG 10 silt 10 clay		S							✓		A	25cm		✓		✓	MB
S-045	L4E	00+50S	60 sand 15 Gravel 15 ANG 10 silt		S							✓		A	5cm		✓		✓	MB
S-046	L4E	1+00S	70 sand 10 Gravel 10 ANG 10 silt		S							✓		A	40cm		✓		✓	MB
S-047	L4E	1+50S	60 sand 15 ANG 15 Clay 10 silt		S							✓		A	10cm		✓		✓	MB
S-048	L4E	2+00S	60 ANG 30 Sand 10 silt		S							✓		A	10cm		✓		✓	MB
S-049	L4E	2+50S	40 sand 40 Clay 10 ANG 10 silt		S							✓		A	10cm		✓		✓	MB
S-050	L4E	3+00S	50 sand 20 Gravel 20 ANG 10 silt		S							✓		A	10cm		✓		✓	MB
S-051	L4E	3+50S	40 sand 30 Clay 15 silt 15 ANG		S							✓		A	10cm		✓		✓	MB
052	L4E	3+95S	50 sand 30 rounded 10 silt 10 Clay		S							✓		A	30cm		✓		✓	MB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: HORN 181.S — Results Plotted By: DTM

Area (Grid): HORN GRID SAMPLING — Map: _____ N.T.S.: 104G/9W

Collectors: GRANT — Date AUG 10/90

Sample Number 90.NN.181	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	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
S.119	LSE, 6N	1980 M	90 sand · 10 ang Plateau				✓							A	20		✓		✓	DB
120	✓ S+50N	NA	70 sand · 30 ang ✓				✓							A	35		✓		✓	DB
121	✓ S+00N	NA	60 sand · 40 ang ✓				✓							A	20		✓		✓	DB
122	✓ 4+50N	NA	80 sand · 20 ang ✓				✓							A	30		✓		✓	DB
123	✓ 4+00N	NA	70 sand · 30 ang ✓				✓							A	30		✓		✓	DB
124	✓ 3+50N	NA	✓✓ ✓✓ ✓				✓							A	30		✓		✓	DB
125	✓ 3+00N	E.O.L.	80 sand · 20 ang ✓				✓							A	30		✓		✓	LB
184.S																				
126	✓ 1+00S	NA	90 sand · 10 ang Plateau				✓							A	30		✓		✓	DB
127	✓ 1+50S	✓	95 sand · 5 ang ✓				✓							A	40		✓		✓	LB
128	✓ 2+00S	✓	80 sand · 20 ang ✓				✓							A	40		✓		✓	DB
129	✓ 2+50S	✓	✓ · ✓ ✓				✓							A	35		✓		✓	DB
130	✓ 3+00S	✓	✓ · ✓ ✓				✓							A	35		✓		✓	DB
131	✓ 3+50S	✓	75 sand · 20 org · 5 ang mos/✓				✓							A	30		✓		✓	DB
132	✓ 4+00S	✓	70 silt · ✓✓ · 10 sand ✓/✓				✓							A	25		✓		✓	DB
133	✓ 4+35S	✓	60 silt · 30 sand · 10 ang				✓							A	25		✓		✓	MB
	E.O.L																			

G = Grey
Bl = Black
R = Red
Br = Brown

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: #154 Horn Property — Results Plotted By: _____

Area (Grid): _____ — Map: _____ N.T.S.: 104G/9W

Collectors: Michael Skeach — Date: AUGUST 1990

Sample Number	Sample Location		Notes	Topography				Vegetation						Soil Data						
	Elev [redacted]	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
90U154S001	1825 m		60% Ang frags 40% talus fines		SE									A			✓			G-Bl
S002	1820 m		65% Ang Frags 35% talus Fines		SE									A			✓			G
S003	1815 m		60% Ang frags 40% talus fines		SE									A			✓			Bl
S004	1820 m		60% Ang Frags 35% talus fines 5% org		SE									A			✓			Bl
S005	1820 m		70% clay 10% Ang frags 20% talus fines											A			✓			G
S006	1820 m		70% Ang frags 30% fines		NW									A			✓			Bc
S007	1815 m		60% Ang frags 40% fines		NW									A			✓			R-Br
S008	1820 m		60% Ang frags 40% Fines		NW									A			✓			G
S009	1830 m		40% Ang frags 60% Fines		NW									A			✓			G

APPENDIX VI

Rock Geochemistry Results

COMP: KEEWATIN ENGINEERING
PROJ: 154
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-0332-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
90-0-154-C-001	1	8.5	17	642	67	8	77	7	1735
90-0-154-C-002	2	12.3	16	395	81	11	81	7	3710
90-0-154-C-003	1	14.5	74	986	176	29	100	18	2210
90-0-154-C-004	1	34.1	30	1357	153	1	90	17	6410
90-0-154-C-016	1	18.5	55	957	215	1	40	3	1400
90-0-154-C-017	1	7.3	39	1145	317	1	39	4	700
90-0-154-C-018	8	7.8	8	620	42	88	435	118	2945
90-0-154-C-019	10	18.4	27	1184	130	49	156	22	4100
90-0-154-C-020	2	30.7	29	545	112	28	93	9	2650
90-0-154-R-024	1	19.4	11	72	501	1	25	1	1300
90-0-154-R-026	1	26.4	13	130	59	52	31	2	1525
90-0-154-R-027	11	21.0	10	68	59	55	24	1	1720
90-0-154-R-028	1	14.3	7	117	73	97	75	8	1300
90-0- 90-0-154-R- 25	1	10.2	11	130	67	25	33	3	980
90-F-154-C-001	1	3.1	33	567	216	1	1	1	310
90-F-154-C-002	1	52.4	150	819	141	1	7	3	740
90-F-154-C-003	4	24.0	144	536	212	1	15	3	9440
90-F-154-C-004	2	13.4	102	512	46	10	5	6	660
90-F-154-C-005	1	27.0	105	346	110	10	12	5	7470
90-F-154-C-006	1	5.7	145	332	245	1	1	1	1010

COMP: KEEWATIN ENGINEERING
PROJ: 154
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-0327-RJ1
DATE: 90/08/23
* ROCK * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90-0-154-R-002	10	2.4	55	2539	141	290	642	112	1365
90-0-154-C-005	4	15.9	66	2406	382	38	110	20	2020
90-0-154-C-006	2	13.6	72	2195	666	35	128	16	3210
90-0-154-C-007	1	6.1	20	1013	247	1	38	7	590
90-0-154-C-008	2	16.2	20	1030	123	103	303	101	1910
90-0-154-C-009	3	9.3	14	1706	107	161	430	64	1500
90-0-154-C-010	2	9.1	7	879	46	16	86	7	1730
90-0-154-C-011	1	26.8	21	1412	151	6	60	8	8510
90-0-154-C-012	2	10.3	25	1043	176	1	66	10	3390
90-0-154-C-013	4	6.9	33	4557	171	12	154	13	1495
90-0-154-C-014	2	7.0	47	3639	222	37	118	14	585
90-0-154-C-015	2	23.1	24	1913	162	33	42	3	1745
90-0-154-C-022	5	20.7	42	2663	404	17	52	6	1820
90-0-154-C-023	7	20.6	44	2739	412	2	54	5	1730
90-0-154-C- 21	2	31.2	36	1782	126	35	49	3	2400

COMP: KEEWATIN ENGINEERING
PROJ: HORN 154
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: 0V-1242-RJ1
DATE: 90/08/29
* 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 154 C 007	1	5.0	242	619	186	1	2	1	245
90 F 154 C 008	2	5.7	167	856	281	1	5	6	890
90 F 154 C 009	2	5.6	116	699	267	1	3	2	525
90 F 154 C 010	1	5.7	108	701	153	1	5	8	245
90 F 154 C 011	1	3.4	23	172	578	1	5	3	1400
90 F 154 C 012	4	28.4	260	1578	502	1	12	42	3750
90 F 154 C 013	6	4.8	55	430	487	1	4	3	1425
90 F 154 C 014	26	81.3	7379	1412	429	18	53	332	9625
90 F 154 C 015	1	2.1	78	57	395	1	1	4	405
90 F 154 C 016	3	4.9	46	464	149	1	39	2	260
90 F 154 C 017	1	3.9	8	109	63	55	36	4	240
90 F 154 C 018	2	5.3	7	32	26	51	12	2	335
90 F 154 C 019	1	6.8	7	105	33	61	55	4	415
90 F 154 C 020	2	12.4	8	56	58	40	26	4	540
90 F 154 C 021	3	6.3	14	111	86	76	67	6	365
90 F 154 C 022	3	30.1	14	81	840	1	15	1	1645
90 F 154 C 023	5	3.1	61	320	79	26	3	1	190
90 F 154 C 024	2	4.0	27	18596	50	15	20	1	145
90 F 154 C 025	1	.8	56	178	76	1	1	1	80
90 F 154 C 026	2	4.2	319	989	2817	55	8	2	3375
90 F 154 R 001	5	72.6	259	217	76	12	22	22	4250
90 0									
90 0									
90 0									
90 0									
90 0									

HORN

NE CORNER

COMP: KEEWATIN ENGRG.
PROJ: 154
ATTN: REX PEGG/RON 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: OV-1317-RJ1+2
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 DP 154C 001	18	43.8	47	2417	89	59	27	10	4250
90 DP 154C 002	49	556.0	1233	52991	3082	103	540	18	11000
90 DP 154C 003	4	207.2	130	7089	154	49	77	5	3250
90 DP 154C 004	8	138.9	2911	1075	121	38	51	5	2625
90 DP 154C 005	11	411.7	1447	924	56	103	642	4	19000
90 DP 154C 006	2	221.9	696	144	40	46	55	4	4625
90 DP 154C 007	1	42.5	74	1036	84	78	18	4	3375
90 DP 154C 008	6	270.8	211	38462	218	78	118	10	5250
90 DP 154C 009	8	331.9	351	25305	92	85	108	8	8250
90 DP 154C 010	1	100.3	346	1270	37	50	21	3	3500
90 DP 154C 011	2	72.0	244	560	35	30	33	6	3125
90 DP 154C 012	1	21.0	165	213	83	46	11	5	2500
90 DP 154C 013	2	188.2	604	177	19	43	23	3	6625
90 DP 154C 014	3	936.6	500	178	8	27	29	2	6250
90 DP 154C 015	1	596.2	142	441	86	38	53	6	4875
90 DP 154C 016	2	173.6	323	3483	143	56	59	4	2750
90 DP 154C 017	8	163.2	588	4405	189	93	45	12	3375
90 DP 154C 018	3	480.1	1336	346	93	120	111	22	4750
90 DP 154C 019	4	31.4	63	354	29	71	15	9	5750
90 DP 154C 020	1	22.1	60	1411	51	48	44	5	3000
90 DP 154C 021	1	13.9	40	1386	38	56	52	7	735
90 DP 154C 022	1	13.5	27	438	35	37	57	10	3500
90 DP 154C 023	1	124.4	479	2303	74	33	149	19	4625
90 DP 154C 024	2	47.9	140	1642	78	72	124	12	3375
90 DP 154C 025	1	218.5	527	826	69	1	55	2	3500
90 DP 154C 026	1	112.6	342	708	26	90	34	6	4375
90 DP 154C 027	2	18.3	66	123	111	30	9	2	3125
90 DP 154C 028	1	2.9	48	474	245	389	5	2	1140
90 DP 154C 029	1	7.1	15	2892	1914	67	13	7	4375
90 DP 154R 001	1	20.9	51	4289	15333	1426	107	204	24375
90 DP 154R 002	1	27.3	35	16099	15778	104	46	55	25750
90 DP 154R 003	1	4.1	11	2394	2773	51	11	5	4000
90 F 154 R 002	3	659.4	477	53380	1210	86	228	5	13750
90 F 154 R 003	1	55.5	4640	17103	186	40	44	2	4250
90 F 154 R 004	2	8.4	42	354	36	382	15	3	710
90 F 154 R 005	7	1.5	28	70	12	20	3	1	610
90 F 154 R 006	2	2.6	16	315	359	63	4	13	225
90 F 154 R 007	1	213.5	394	51311	14561	83	176	57	17250
90 F 154 R 008	2	22.4	36	2714	4864	97	26	45	6250
90 F 154 R 009	1	13.5	4314	469	550	32	8	3	970
90 F 154 C 027	1	8.7	178	718	110	1082	16	4	660
90 F 154 C 028	1	2.5	64	105	102	52	2	2	370
90 U 154 R 001	1	4.6	257	110	37	87	7	5	2570
90 U 154 R 002	4	50.1	341	52387	7693	75	110	7	16125
90 U 154 R 003	13	7.0	29	652	115	138	7	1	640
90 U 154 R 004	1	9.6	36	13786	2442	40	21	7	7000
90 U 154 R 005	1	24.1	485	14585	8315	32	34	4	35000

COMP: KEEWATIN ENGINEERING
PROJ: 154
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-0450-RJ1
DATE: 90/09/11
* ROCK * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90DP 154 C-030	9	1.7	10	689	377	40	4	12	340
90DP 154 C-031	8	73.5	145	26151	5129	64	79	15	7875
90DP 154 C-032	15	45.0	84	9692	3351	268	70	48	13375
90DP 154 C-033	9	77.3	73	9261	8107	151	62	30	9875
90DP 154 C-034	6	12.3	222	532	3519	71	11	8	3000
90DP 154 C-035	7	14.3	27	8435	2255	61	22	13	4125
90DP 154 C-036	8	71.4	66	13141	2838	42	39	14	6375
90DP 154 C-037	7	26.0	76	8111	6093	50	23	7	7125
90DP 154 C-038	7	68.7	53	22109	3266	48	57	9	7625
90DP 154 C-039	7	11.7	23	2048	3675	97	18	9	8125
90DP 154 C-040	10	4.8	18	979	407	136	8	9	1280

COMP: KEEWATIN ENGRG.
PROJ: 184
ATTN: RON 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: OV-1200-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
90CL184R001	2	315.3	1012	5705	38	1	145	15	750
90Y184R001	1	53.1	133	23176	42	1	129	14	575
90Y184R002	2	28.1	26	1625	20	1	221	35	1585

COMP: KEEWATIN ENGINEERING
PROJ: 154
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-0450-RJ2
DATE: 90/09/11
* ROCK * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90AA 154 R-001	9	29.9	71	1725	66	76	7	3	3250
90DP 154 R-004	9	3.4	94	1728	961	73	10	4	4125

APPENDIX VII

Rock Sample Descriptions

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

oject: HORN #154
ea (Grid): HOLE 81-5 GRID
llectors: D MEHNER / J. MILLER

Results Plotted By: _____
Map: _____ NTS: 104G/9W
Date: AUGUST 1990 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	Cu PPM
)-0-15AC-01	GRID AROUND HOLE 81-5			1.7M				siltstone	maroon siltstone; ≤ 5% hematite veining; HW to Barite zone.	
02	"			1.7				Barite Vein	Chip across Barite vein zone; HW.	
03	"			1.70				Barite Vein	0.40M total jasper in Barite vein; minor qtz veinlets	
04	"			1.70				Barite Vein		
05	"			1.70				Barite Vein		
06	"			0.9M				Barite Vein	Base of Vein; 50% Barite Vein, 50% maroon siltstone.	
07	"			1.70	M			limestone	maroon limestone; 5-6% Barite Veining parallel to bedding.	
08	"			1.70	M			Limestone Brx	Maroon limestone fragmental + some siltstone; < 5% Barite Veining;	
09	"			1.70	M			Siltstone	Maroon siltstone with hematite veining; Hangingwall to Vein; tr PbS in Barite Veins // to Bedding; Barite = 15-20%	
10	"			1.70	M			Barite Vein	Upper (Hanging Wall) part of Vein.	
11	"			1.70	M			Barite Vein	Veining with 5-8% grey-green colouration due to ?? clay or fine mica mineral?	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

oject: HORN 154/184
ea (Grid): HOLE 81-S GRID
llectors: D. MEHNER / J. MILLER

Results Plotted By: _____
Map: _____ NTS: 104G/9W
Date: AUGUST 1990 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	Cu PPM
)-D-154C-12	HOLE 81-S GRID			1.70 M				Barite Vein	As ABOVE	
13	"			0.86 M				Barite Vein	Base of Vein; trace of specular hematite	
14	"			1.70 M				limestone	FW of zone; well bedded maroon & pink-grey beds; silty horizons; local green-grey colouration.	
15	"			1.70 M				limestone	maroon; FW of Vein zone; <5% Barite Veining	
16	"			1.70 M				limestone	As above but with 25-30 cm Barite band; ≤5% hematite Veining;	
17	"			1.70 M				limestone	Maroon; <<5% Barite; beds on top of hematite beds; Few Barite stringers/veins over 5 Metres.	
18	"			0.90 M				Barite Vein;	Bedded Barite/specular hematite vein 80%; 5-8% Barite Veinlets; ≤5% calcite veinlets	
19	"			2.0 M				Siltstone	Hanging wall; Maroon, volcanic siltstone; green-grey internal colour; green frags; weak calcite; tr malachite & possibly Chalcocite; 10-15% Barite stringers	
20	"			2.0 M				Barite Zone	8% maroon siltstone bands - jasper/hematite rock; internal Breccia	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

oject: HORN 154/184
ea (Grid): HOLE 81-5 GRID
llectors: D. MEHNER / J. MILLER

Results Plotted By:
Map: NTS: 104G/9W
Date: AUGUST 1990 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	Cu PPM
-0-154C-21	AROUND HOLE 81-5			2.0 M				Barite Vein	Blocky, weathered; <5% maroon banding; 8% green banding (reduced Fe ?); weak (≤1%) Barite veinlets ≤ 0.5 cm;	
22	"			0.94 M				Barite Vein	Base of Barite Zone; Banded (maroon) hbdrs; ≤5% maroon siltstone bands.	
23	"			2.0 M				Siltstone	Footwall to Veining; Maroon; 5% Barite Veinlets @ <1cm; Bedding / Veining @ 054°/70°NE. 5% specular hematite & hematite veinlets; possible hairline fracture Pb S.	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

oject: #154
ea (Grid): HORN PROPERTY & DRYDEN GRID
llectors: JASON MILLER

Results Plotted By: JASON MILLER
Map: _____ NTS: 104G/9W
Date: AUGUST 17/90 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	Cu PPM
10.0.154R-024	Horn Baric o/c near drill hole.			✓				Volcanic conglomerate hem. alt.	2m chip: hanging wall. Hematitically altered volcanic sed. with ~10-15% veins of barite/quartz.	
R025	As above			✓				Barite/qtz veins in Lst	2m chip: barite/quartz stockwork zone. Limestone host with hematitic alteration. ~20% veining.	
R-026	As above			✓				as above	2m chip: As above; ~40-50% veining	
R-027	As above			✓				as above	2m chip: As above; ~70% veining	
R-028	As above			✓				jasperoid and hem. alt. Lst.	2m chip: Footwall. Hematitically altered Lst with abundant jasperoid with minor quartz veinlets. >50% jasperoid.	
R-029	14m @ 343° from Horn Grid Coord 0+50W 3+50N		✓					microdiorite sill (?)	Grab from FW host. Non-mineralized microdiorite sill. Within 1m of the fracture controlled mineralization.	
R-030	As above			✓				microdiorite sill (?)	2m chip (~1m true thickness) Fe stained fractured microdiorite with minor Barite-carb-quartz veining. Sulfates after sulphides	
R-031	20m @ 355° from Horn Grid coord 0+50W 3+50N			✓				microdiorite sill (?)	0.6m chip. Fractured microdiorite with barite-carb-quartz veins. Minor Sphalerite and galena	
R-032	as above			✓				microdiorite sill (?)	1.0m chip. Relatively un-mineralized microdiorite well fractured	
R-033	as above			✓				microdiorite sill (?)	0.8m chip. Fractured microdiorite with Barite-carb-quartz veins. Minor Sphalerite and galena.	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

oject: HORN CLAIMS
ea (Grid): 184
llectors: C.K. / D. MEHNER

Results Plotted By:
Map: NTS: 104G/9W
Date: AUGUST 1990 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	Cu PPM
90Y	Dedeia Ck						✓	carbonate	well brecciated, 5% pbs, ≥1% nat Ag	
184	250m downstream							altered	80% fractured calcite / carbonate	
R001	of 90Y 184S 001 LINE							jasper		
90Y	Dedeia Ck							carbonate	jasper fragg / well brecciated	
184	150m downstream							altered	5% Pbs 1% native Ag	
R002	of 90Y 184S 001 LINE						✓		80% Fractured carbonate	
-AA-154 R-01	60M west of longest old trench @ 1658M elev. - "middle" Felsite unit		✓					Felsite	lower contact of felsite sill phase; trace diss pyrite & ≤1/2% pyrite veinlets;	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

oject: HORN 154
ea (Grid): JASPER CREEK - Hole 81-6 & 7 GRID
llectors: M. BOBYN / M. SKEACH

Results Plotted By: M BOBYN
Map: _____ NTS: 104G/9W
Date: AUG '90 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	Cu PPM
90F154C 001	JASPER CREEK GRID			1.0 M				Hematized Monolithic Volc. Cgl.	Purplish Brown Weathered, Greenish - Purple Fresh Footwall, 1m True Width Chip, Minor Carb+ Ba. f.f to 0.5cm wide; Tr Py+ Cpy f.f; Tr PbS; ZnS?	
90F154C 002	"			1.0 M				Hematized Ba +Carb Str. zone Twin Volc. Gwacke	Purplish Grey WX; Light Greenish Brown Fs. Barite + Carb Stringer zone; 1.0m T.W. Chips 40-50% Carb + Ba; 50-60% Gwacke; <1% Cpy; Tr Py, Mal	
90F154C 003	"			1.0 M				Barite Vein in Volc. GW. (1.0m Chip)	Brownish - White Wx; Greyish White Fs; Barite + Lesser Carb Vein in maroon str. of alt. G-wacke; 75% Ba + Carb / 25% Volc. GW; Tr Sphlm f.f.	
90F154C 004	"			1.0 M				Barite Vein in Volc G.W.	As 003 / 90% Ba + Carb; 10% G.W. 1.0m True Width Chip; Nil Min	
90F154C 005	"			0.7m M				Barite Vein	As 003 / 80% Ba + Carb; 20% hydm	
90F154C 006	"			1.0 M				CONGLOMERATE	Hanging Wall; maroon, <5% barite + calcite veinlets ≤ 3cm;	
90F154C 007	"			0.5 M				CONGLOMERATE	Footwall; sheared conglomerate; Clasts ≤ 4 cm	
90F154C 008	"			1.0 M				Barite Vein	Trace cpy and malachite +to ½% Cpy	
90F154C 009	"			0.5m				Conglomerate	Hangingwall unit; fractured, maroon conglomerate	
90F154C 010	"			1.0 M				Barite Vein	Barite + calcite vein; <1% pyrite & malachite <½% cpy	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

oject: HORN #154
ea (Grid): JASPER CREEK – HOLE 81-6&7 GRID
llectors: M. BOBYN / M. SKEOCH

Results Plotted By: M. BOBYN
Map: _____ NTS: 104G/9W
Date: AUG 1990 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	Cu PPM
)-F-154-11	AROUND HOLES 81-6&7			1.0	M			Greywacke	Hanging Wall: sheared	
12	"			1.5	M			Conglomerate	Sheared conglomerate; Barite stringers; <1/2% Cpy	
13	"			0.5	M			Conglomerate	Hangingwall; Sheared conglomerate	
14	"			0.25	M			JASPEROID	15-20% Py; 3-5% Cpy; Malachite & Azurite silicified - Jasperoid with < 5% Barite	
15	"			1.0	M			Greywacke	Hanging wall	
16	"			1.0	M			Conglomerate	footwall; hematitic conglomerate with barite stringers. Barite ≈ 15%	
17	"			1.0	M			Barite Vein	20% carbonate; Jasperoid; fuw gr. spec hematite	
18	"			1.0	M			Barite Vein	20% carbonate; as above	
19	"			1.0	M			Barite Vein	20% carbonate; as above	
20	"			1.0	M			Barite Vein	20% carbonate; as above	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

oject: HORN 154
ea (Grid): JASPER CREEK - HOLE 81-6&7 Grid
llectors: M BOBYN / M SKEOCH

Results Plotted By: M BOBYN
Map: _____ NTS: 104G/9W
Date: AUG 1990 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	Cu PPM
90F154C 021	Grid by 81-6&7			1.0M				Barite Vein	20% carbonate	
90F154C 022	Grid by 81-6&7			1.0M				Conglomerate	Footwall ; hematitic conglomerate Barite vein @ 110°/46°N	
90F154C 023	GALENA CREEK/NE Corner of Property			0.5 M				Greywacke;	green-purple, manganese stained greywacke; clay altered feldspars; hematitic; FW sample; gossanous; 5-7% pyrite	
90F154C 024	"			1.0 M				Greywacke;	Carb-altered zone; 20-30% Barite; Galena stringers to 1cm wide; ≤ 10% PbS; tr ZnS.	
90F154C 025	"			1.0 M				Greywacke	Hangingwall sample; green-grey;	
90F154C 026	"			2.0 M				Greywacke?	Silicified zone; strong Qtz-Feld replacement; zone 12M x 10M; chips across represent. section of zone; ≤ 1% PbS; 1-2% Py; tr ZnS.	
90-F154C 027				1.5 M				Felsite Dyke;	fract fill pyrite + small pyrite pods; ≈ 10-15% Py & 3-5% dull siliceous minerals - Aspy ???	
90-F-154C 028				1.0 M				Greywacke	Hangingwall sample; ; fract fill pyrite;	
90-F-154R-01	Grid by holes 81-6&7						X	Greywacke,	silicified ; 5-7% pyrite; 3-5% cpy.	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

oject: HORN
ea (Grid): Centre of PROPERTY - FELSITE SILLS
llectors: MARTY BOBYN

Results Plotted By: _____
Map: _____ NTS: 104G/9W
Date: AUGUST 1990 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	Cu PPM
0-F-154R-2	Centre of Prop.		X					Barite Vein	Vein = 0.75m Thick; banded galena in vein beside felsite = 7-10% PbS; ½-1% Cpy.	
3	" ; old trench		X					Barite Vein	grab of rep. sample from old trench; 1m wide vein; 2-3% PbS; 2-3% Cpy; Mal + Az stain, vein // to vein @ 096°/53°N	
4	" 85-100 m from F-154C-27 & 28;		X					Greywacke	Grabs of pyritic lens with weak Aspy? "waxy"; 4M X 0.3M pod.	
5	Centre of Prop.; 50m past 89-TAL-04		X					greywacke	greywacke cut by felsite dykes; patchy, silicified pods 1-3m; 7-10% Py; tr Aspy	
6	Centre of Prop		X					felsite	FW contact; fract - cherty - strikes 085/65N	
7	Centre of Prop		X					Barite Vein	Barite - carbonate - Qtz stringer zone 5M wide; 7-10% pbS	
8	"		X					Felsite	felsite dyke Hangingwall contact; Barite "splashes" & fracture filling; 1-2% diss PbS; 1-2% Py.	
F-154R-09	" ; 30m above U2		X					greywacke	near felsite dyke; carb veins to 2mm - small shears - anastomosing - hematized; Cpy with carb veins; - ½-1% Cpy + Mal & Az stain	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

oject: HORN # 154 / 184
ea (Grid): CENTRE OF PROP. NEAR FELSITE DYKES/SILLS.
llectors: DAN PERRETT / MARTY BOBYN

Results Plotted By:
Map: NTS: 104 G/9W
Date: 8/25/90 Surface ✓ Underground

SAMPLE NUMBER 10 DP154	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	Cu PPM
R001			✓					Felsite	Py rich, Calcite ...	
R002			✓					"	Malachite ...	
R003			✓					"	As above ...	
R004			✓					BRECCIA	Felsite ...	
0-DP-154C-01	Hole 81-1 - Main TARGET			1.0	M			Felsite	footwall to Vein; ; < 1/2% PbS	
02	"			1.0	M			Barite Vein	PbS Pod 20cm wide; 1% Cpy; 2% Py	
03	"			1.0	M			Felsite	Hangingwall to Vein; tr. PbS; tr Cpy; Mal & Azurite stain.	
04	"			1.0	M			Conglomerate	purple; hematitic congl. Barite stringers; tr Cpy.	
05	"			1.0	M			Barite Vein	Barite ± Calcite Vein; 1-2% Cpy; 1-2% pyrite; Malachite stain;	
06	"			1.0	M			Conglomerate	Hanging Wall; sheared, hematitic; Barite stringers; Malachite stain.	
07	"			1.0	M			Felsite	footwall to Vein;	
08	"			0.3	M			Barite Vein	semi massive PbS ± native silver ?; 2% Cpy; 1% Py	
09	"			1.0	M			Felsite	Hangingwall; felsite; Barite stringers; tr Cpy & Mal.	
10	"			1.0	M			Felsite	Sheared; Malachite stain	
11	"			1.0	M			Conglomerate	Maroon - hematitic; Barite + Carbonate stringers. Malachite stain.	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: HORN # 154/184
Area (Grid): MAIN TARGET – HOLE 81-1
Collectors: DAN PERRETT / MARTY BOBYN

Results Plotted By:
Map: NTS: 104G/9W
Date: AUGUST 1990 Surface X Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90-DP-154C-12	HOLE 81-1 GRID			1.0	M			Conglomerate	Footwall to Vein; hematitic/maroon; malachite stain.	
13	"			1.0	M			Barite Vein	3-5% PbS; 1-2% Cpy; tr Py	
14	"			1.0	M			Conglomerate	Hanging wall to Vein; hematitic/maroon; malachite stain	
15	"			1.0	M			Conglomerate	footwall to Vein; hematitic/maroon; malachite stain;	
16	"			1.0	M			Conglomerate	sheared, hematitic	
17	"			1.0	M			Conglomerate	As above	
18	"			1.25	M			Conglomerate	hematitic/maroon; weak Barite stringers; 2-3% Py; tr Cpy & malachite	
19	"			1.0	M			Felsite	Hanging Wall	
20	"			1.0	M			Conglomerate	hematitic/maroon	
21	"			1.0	M			Conglomerate	hematitic/maroon; minor Barite stringers	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: HORN #154/184
Area (Grid): MAIN TARGET — HOLE 81-1
Collectors: DAN PERRETT / MARTY BOBYN

Results Plotted By:
Map: NTS: 1046/9W
Date: AUGUST 1990 Surface X Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90-DP-154C-22	HOLE 81-1 Grid			1.0 M				Barite Veins	veins ea up to 20cm; tr Cpy & Py	
23	"			1.0 M				Conglomerate	hematitic	
24	"			1.0 M				Barite	Barite Stringer zone; tr Cpy, <1% Pyrite	
25	"			1.0 M				"	as above	
26	"			1.0 M				Conglomerate	hematitic conglomerate/maroon;	
27	"			1.0 M				felsite	hanginguall to Veins	
28										
29										
30	Centre of Property — West end of felsite sills			1.0 M				felsite	footwall; rusty orange; <2mm qtz veins; 1-2mm qtz eyes; fractured;	
31	"			1.0 M				Barite Vein	Bladed Barite X+ls to 1 cm; 2-3% PbS + tr Cpy.	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: HORN #154/184 — Results Plotted By: ____

Area (Grid): CENTRE OF PROP; WEST FELSITE SILLS — Map: ____ NTS: 1046/9W

Collectors: DAN PERRETT / MARTY BOBYN / DAVID MEHNER — Date: AUGUST 1990 — Surface X Underground ____

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90-DP-154C-32	West end of felsite sills;			1.0	M			Barite Veins	As # 31	
33	"			1.0	M			Felsite	felsite (30-50%) with Barite stringers & 10-15% calcite; possible Chalcocite in Barite stringers	
34	"			1.0	M			felsite	Hangingwall to Veins; fractured & Brecciated; Barite ± Carbonate veinlets to 3mm; tr PbS;	
35	"			1.0	M			Barite	60% Barite stringer zone & 40% felsite dykes/sills; stringers in pod - pinches out to west; <1% PbS	
36	"			1.0	M			Barite	Similar to above but less Barite. Barite stringers = 40%; felsite = 60%; ≤ 1/2% PbS	
37	"			1.0	M			Barite	90% Barite Vein; 10% sheared felsite; <1% PbS oblique to Vein	
38	"			1.0	M			Barite stringers	Barite stringers - anastomosing; 1% PbS;	
39	"			1.0	M			Barite	as above; tr PbS.	
40	"			1.0	M			Felsite	Footwall to Vein; shear at base of interval.	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

ject: #154 Horn
ea (Grid):
llectors: Michael Skeoch

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	Cu ppm
90U154R001	1817 At 5007 sample		✓					Conglomerate	5-8% diss Fepy and trace As Looks to be Felsic dykes	
90U154R002	1790		✓					Baritic vein	10% Pb ∑ 2% cpy .5m wide striking 96° dipping 54° N	
90U154R003	1780		✓					Felsic unit	yellowish gaussen 5% Fepy and trace Aspy ± 2% cpy	
90U154R004	1780		✓					Baritic vein	286° ½ 3% Pb 1m wide at this point.	
90U154R005	1760		✓					Baritic calcite	286° 2-3% Pb 1-2% cpy material is Felsic unit	

APPENDIX VIII

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 Horn mineral claim near Kinaskan Lake on behalf of Ascot Resources Ltd. and Dryden Resource Corporation.

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. and Dryden Resource Corporation in respect of services rendered in the preparation of this report.

Dated at Vancouver, British Columbia, this 9th day of April, A.D. 1991.

Respectfully submitted,

GEOLOGICAL ASSOCIATION OF CANADA
D. T. MEHNER
FELLOW

David T. Mehner, M.Sc., FGAC

AXE 73 AXE 72

MAP 4, 1:250

MAP 3, 1:500

MAP 2, 1:250

OLD TENT CAMP

LCP SILVER 1,2,3,A

LCP HORN

HORN CLAIM

OLD CLAIM LINE

AXE 60 AXE 61

DRYDEN RESOURCE CORPORATION ← → ASCOT RESOURCES LTD.

Ground Control by 1:60,000 Scale Airphoto, Topochain, Compass, Altimeter

SCALE 1:4,000

100 0 100 200 300 400 Metres

LEGEND

UPPER CRETACEOUS TO LOWER TERTIARY(?)

- Calcite-barite vein-stockwork- stringer zones; includes jasperoid and banded hematite
- 13 Massive Felsite
- 12 Flow Banded Rhyolite

UPPER TRIASSIC TO LOWER JURASSIC

- 11 Dark grey microdiorite sill
- 10 Diorite to monzodiorite

UPPER TRIASSIC

- 9 Andesite flows: Purple to green; fine grained massive and porphyritic; includes interflow siltstone.
- 8 Fossiliferous limestone and limy siltstone
- 7 Purple andesitic crystal tuff
- 6 Green andesitic crystal tuff
- 5 Purple and green andesitic crystal tuff
- 4 Purple and green andesitic tuff breccia
- 3 Purple and green andesitic volcaniclastic conglomerate, lithic wackes and siltstone
- 2 Purple volcaniclastics: includes massive pebble to boulder conglomerate, well bedded siltstone, and greywacke
- 1 Siltstone: well bedded, dark grey to black; minor andesite dykes/sills/flows.

SYMBOLS

- Limit of outcrop
- Geological Contact: known; assumed
- Bedding; strike and dip
- Vein; strike and dip
- Foliation; includes flow banding
- Joints/Fractures
- Shear/Fault

Ba	Barite	Pb	Galena
Ca	Calcite	Py	Pyrite
Cpy	Chalcopyrite	QV	Quartz Vein
Hm	Hematite	Zn	Zinc
Mal	Malachite		

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,337

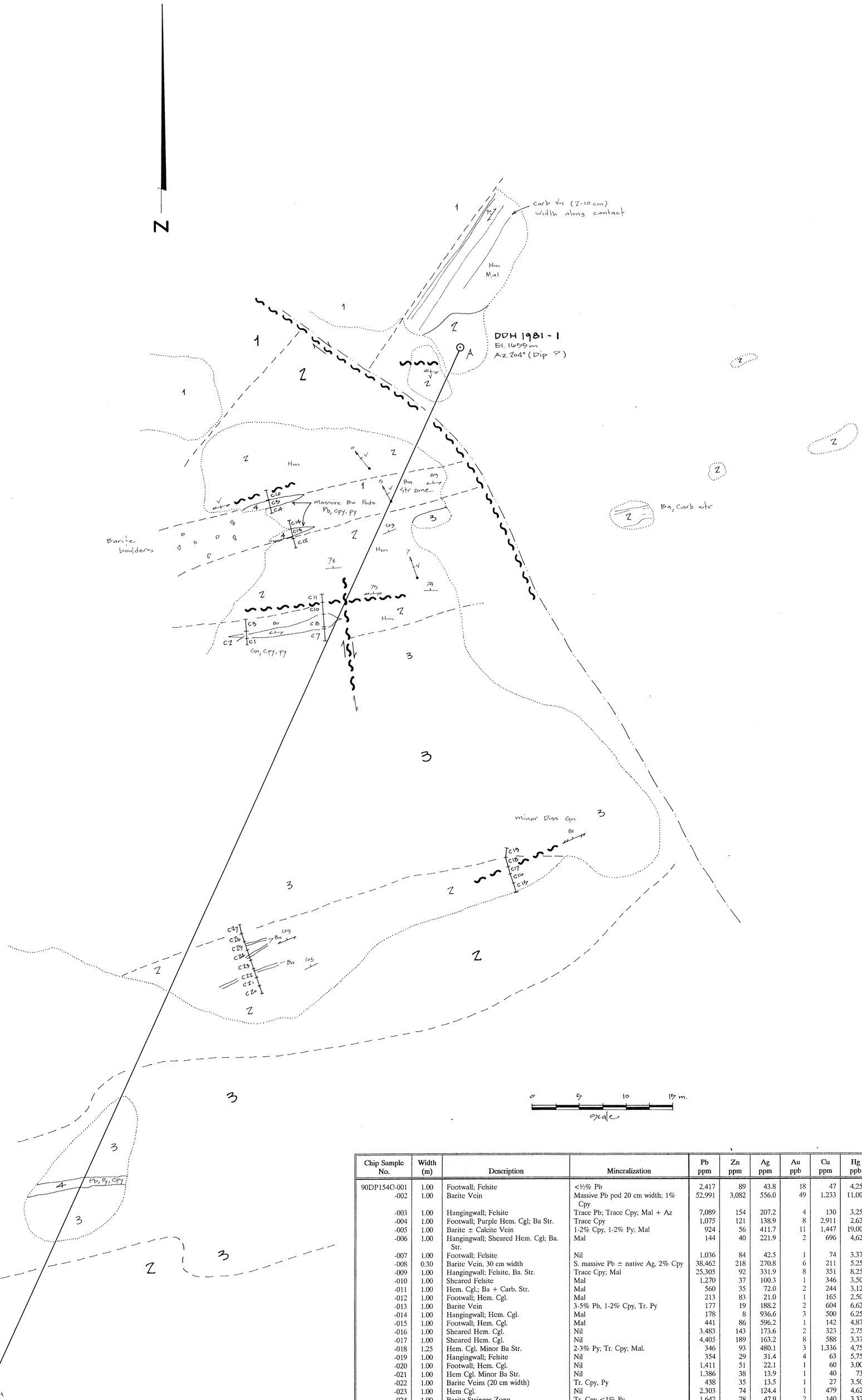
ASCOT RESOURCES LTD./
DRYDEN RESOURCE CORPORATION

HORN PROPERTY

GEOLOGY

Scale: 1:4,000	NTS No. 104 G/9 W-9E
Date: Sept. 1990	Figure No.
Survey By:	Drawn By: D.T. Mehner
Keewatin Engineering Inc.	MAP No. 1

⊙ DDH 1905
Collar Location



EXPLANATION

JURASSIC - CRETACEOUS

4 Barite veins / stringers zones

3 Felsite, fine grained, orbicular

UPPER TRIASSIC

Z Red Hematized Volcanoclastic Conglomerate, rounded clasts to 20cm diametre, jasper inclusions.

1 Green Volcanoclastic Conglomerate, rounded pebbles to 10cm diametre

SYMBOLS

- Outcrop
- Geologic contact
- Gully / Depression
- OVB — Overburden
- C4 — Chip sample location, 90DP154 C004
- Foliation orientation
- Fracture / Joint orientation
- Bedding orientation
- Shear / Fault orientation
- Slickensides / trend, plunge
- Carb — carbonate
- Cpy — Chalcopyrite
- Diss — Disseminated
- Gn — Galena
- Hm — Hematite
- Ba — Barite
- Py — Pyrite
- str — stringers

Chip Sample No.	Width (m)	Description	Mineralization	Pb ppm	Zn ppm	Ag ppm	Au ppb	Cu ppm	Hg ppb	Sb ppm	As ppm	Mo ppm
90DP154C-001	1.00	Footwall; Felsite	<½% Pb	2,417	89	43.8	18	47	4,250	27	59	10
-002	1.00	Barite Vein	Massive Pb pod 20 cm width; 1% Cpy	52,991	3,082	556.0	49	1,233	11,000	540	103	18
-003	1.00	Hangingwall; Felsite	Trace Pb; Trace Cpy; Mal + Az	7,089	154	207.2	4	130	3,250	77	49	5
-004	1.00	Footwall; Purple Hem. Cgl; Ba Str.	Trace Cpy	1,075	121	138.9	8	2,911	2,625	51	38	5
-005	1.00	Barite ± Calcite Vein	1-2% Cpy, 1-2% Py; Mal	924	56	411.7	11	1,447	19,000	642	103	4
-006	1.00	Hangingwall; Sheared Hem. Cgl; Ba. Str.	Mal	144	40	221.9	2	696	4,625	55	46	4
-007	1.00	Footwall; Felsite	Nil	1,036	84	42.5	1	74	3,375	18	78	4
-008	0.30	Barite Vein, 30 cm width	S. massive Pb ± native Ag, 2% Cpy	38,462	218	270.8	6	211	5,250	118	78	10
-009	1.00	Hangingwall; Felsite, Ba. Str.	Trace Cpy; Mal	25,305	92	331.9	8	351	8,250	108	85	8
-010	1.00	Sheared Felsite	Mal	1,270	37	100.3	1	346	3,500	21	50	3
-011	1.00	Hem. Cgl.; Ba + Carb. Str.	Mal	560	35	72.0	2	244	3,125	33	30	6
-012	1.00	Footwall; Hem. Cgl.	Mal	213	83	21.0	1	165	2,500	11	46	5
-013	1.00	Barite Vein	3-5% Pb, 1-2% Cpy, Tr. Py	177	19	188.2	2	604	6,625	23	43	5
-014	1.00	Hangingwall; Hem. Cgl.	Mal	178	8	936.6	3	500	6,250	29	27	2
-015	1.00	Footwall; Hem. Cgl.	Mal	441	86	596.2	1	142	4,875	53	38	6
-016	1.00	Sheared Hem. Cgl.	Nil	3,483	143	173.6	2	323	2,750	59	56	4
-017	1.00	Sheared Hem. Cgl.	Nil	4,405	189	163.2	8	588	3,375	45	93	12
-018	1.25	Hem. Cgl. Minor Ba Str.	2-3% Py; Tr. Cpy; Mal.	346	93	480.1	3	1,336	4,750	111	120	22
-019	1.00	Hangingwall; Felsite	Nil	354	29	31.4	4	63	5,750	15	71	9
-020	1.00	Footwall; Hem. Cgl.	Nil	1,411	51	22.1	1	60	3,000	44	48	5
-021	1.00	Hem Cgl. Minor Ba Str.	Nil	1,386	38	13.9	1	40	735	52	56	7
-022	1.00	Barite Veins (20 cm width)	Tr. Cpy, Py	438	35	13.5	1	27	3,500	57	37	10
-023	1.00	Hem Cgl.	Nil	2,303	74	124.4	1	479	4,625	149	33	19
-024	1.00	Barite Stringer Zone	Tr. Cpy <1% Py	1,642	78	47.9	2	140	3,375	124	72	12
-025	1.00	Barite Stringer Zone	Tr. Cpy <1% Py	826	69	218.5	1	527	3,500	55	1	2
-026	1.00	Fractured Hem Cgl.	Nil	708	26	112.6	1	342	4,375	34	90	6
-027	1.00	Hangingwall-Felsite	Nil	123	111	18.3	2	66	3,125	9	30	2

GEOLOGICAL BRANCH
ASSESSMENT REPORT

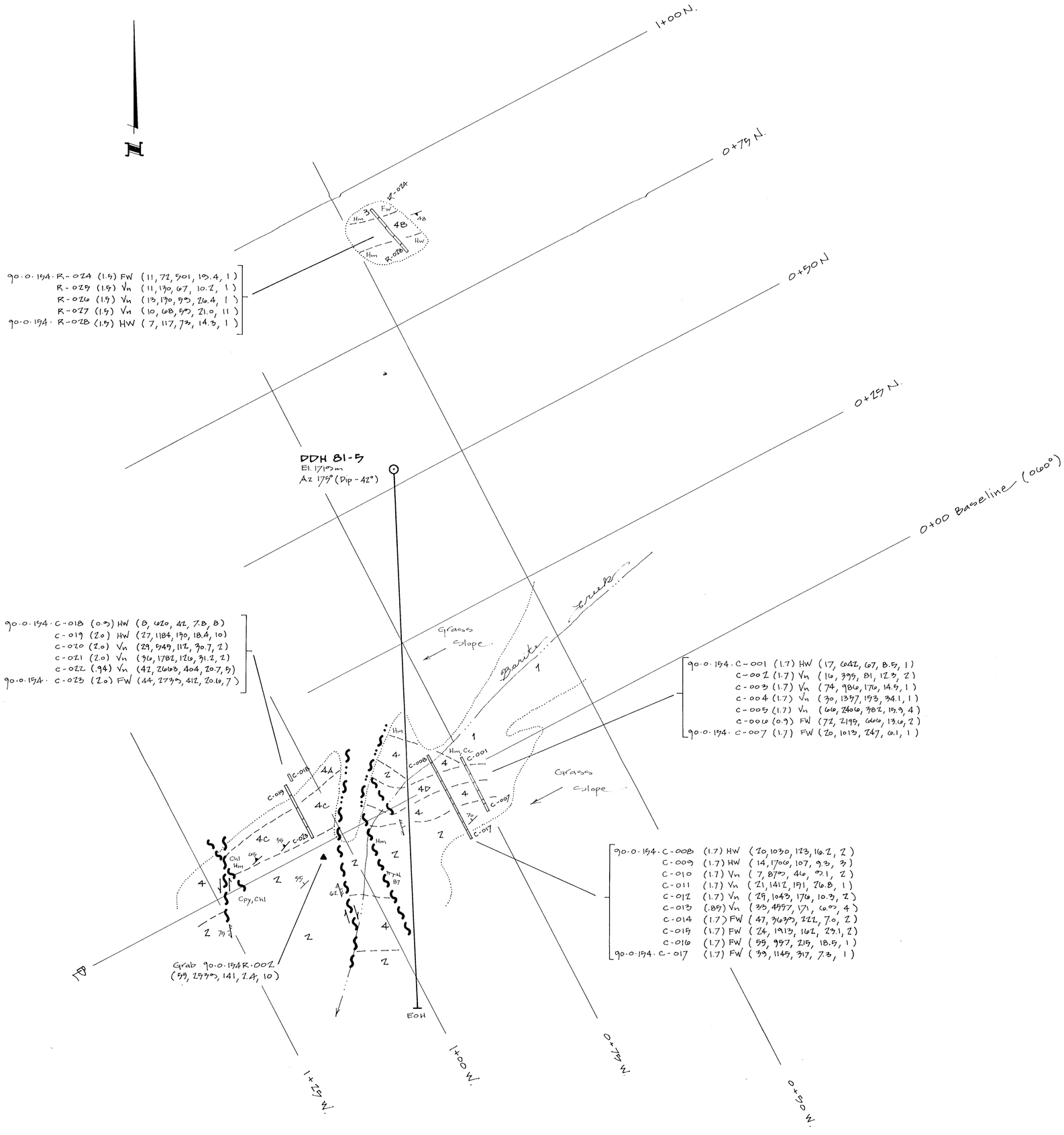
21,337

ASCOT RESOURCES LTD
DRYDEN RESOURE CORPORATION

HORN PROPERTY

GEOLOGY and SAMPLE LOCATION
DDH 81-1 TARGETS

DATE: Aug, 1990	NTS: 104 G / 9w
PROJECT: HORN 154	PROJ. GEOL.: M Bobyn
SCALE: 1: 250	
Keewatin Engineering Inc.	MAP No. 2



GEOLOGY LEGEND

JURASSIC / CRETACEOUS (?)

- 4 Argentiferous Barite Veins
  - A 70-80% Barite veining
  - B 50% Barite veining
  - C 30% Barite veining
  - D Jasperoid blebs in 70% barite veining
- 3 Jasperoid (80%) with quartz veinlets

JURASSIC

- 2 Limestone, weathered tan brown

UPPER TRIASSIC

- 1 Red grit and conglomerate; hematiticly altered.

SYMBOLS

- Approximate outcrop boundary
- Approximate geologic contact or vein zonation boundary
- Approximate fault with right lateral slip, assumed fault
- 65 Bedding
- 165 Vein
- 70 Fault or shear
- Chip sample
- Creek

Cc	Calcite
Cpy	Chalcopyrite
Chl	Chlorite
FW	Footwall
HW	Hanging wall
Hm	Hematite
Mal	Malachite
Vn	Vein

90-0-154-C-008 (1.7) HW (20, 1030, 123, 16.2, 2)
number (Width) (Cu ppm, Pb ppm, Zn ppm, Ag ppm, Au ppb)

0 10 20 30 40m
Scale

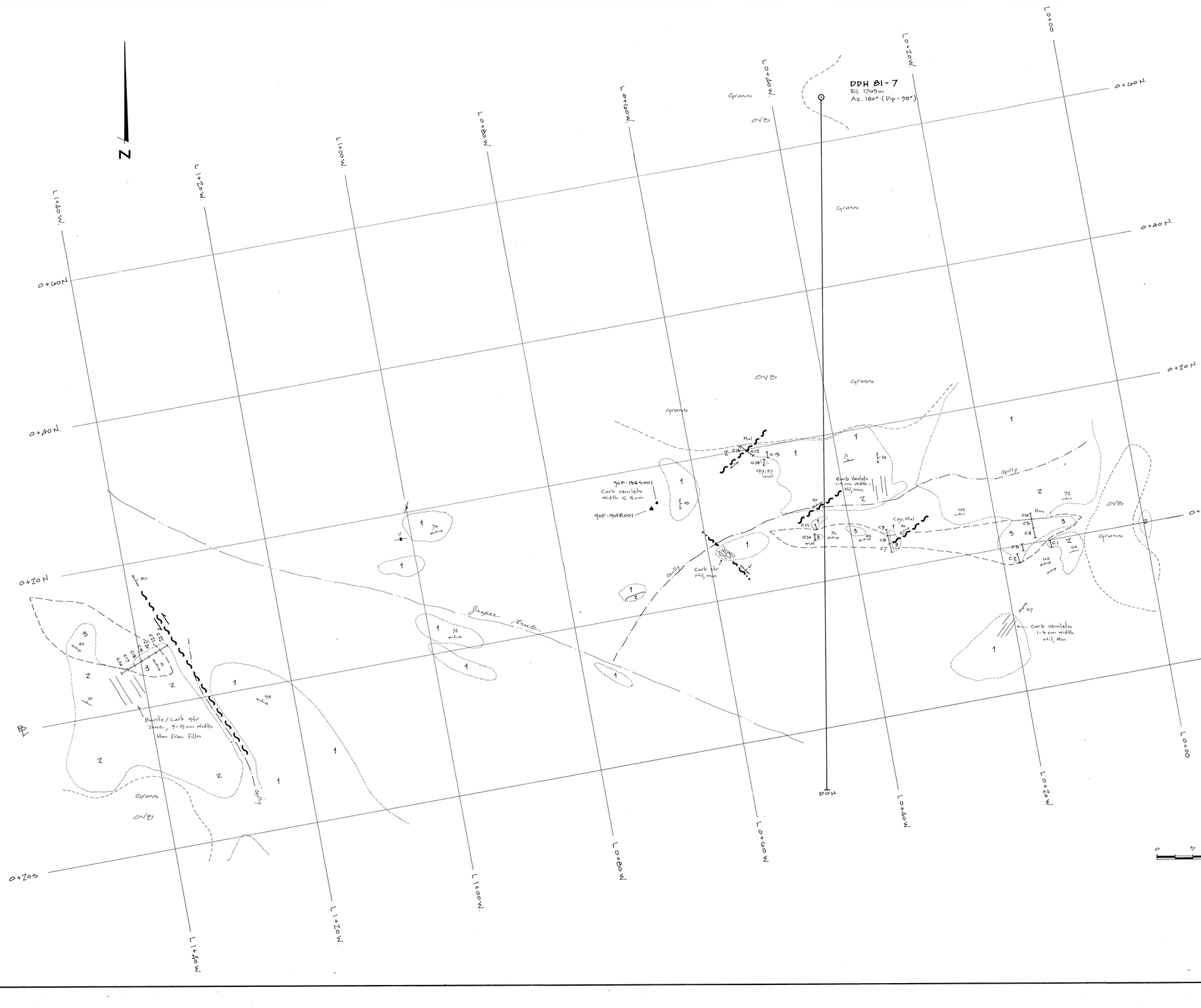
GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,737

ASCOT RESOURCES LTD
DRYDEN RESOURE CORPORATION

HORN PROPERTY
BARITE CREEK
GEOLOGY and CHIP SAMPLE LOCATION
DDH 81-5 TARGETS

DATE: Aug, 1990	NTS: 104 G /9w
PROJECT: HORN 154	PROJ. GEOL.: J. Miller
SCALE: 1:500	
Keewatin Engineering Inc.	MAP No. 3



Chip Sample No.	Width (m)	Description	Mineralization	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
90F154C-001	1.00	Footwall; Hem Cgl.	Spec. Hem. f.f.; Tr. Cpy, Tr. Py	33	567	216	3.1	1
-002	1.00	Barite + Carb Str. Zone	<1% Py, Tr. Cpy, Mal.	150	819	141	52.4	1
-003	1.00	Barite Vein	Spc. Hem. f.f.	144	536	212	24.0	4
-004	1.00	Barite Vein	Nil	102	512	46	13.4	2
-005	0.76	Barite Vein	Nil	103	346	110	27.0	1
-006	1.00	Hangingwall; Hem. Cgl.	Nil	145	332	245	5.7	1
-007	0.50	Footwall; Sheared Cgl.	Nil	242	619	186	5.0	1
-008	1.00	Barite + Carb. Vein	Tr. Cpy, Mal.	167	856	281	5.7	2
-009	0.50	Hangingwall; Fract. Hem. Cgl.	Nil	116	699	267	5.6	2
-010	1.00	Barite + Carb. Vein	<1% Py, Mal.	108	701	153	5.7	1
-011	1.00	Hangingwall; Sheared Greywacke	Nil	23	172	578	3.4	1
-012	1.50	Sheared Cgl. Barite Str.	<½% Cpy	260	1,578	502	28.4	4
-013	0.05	Hangingwall; Sheared Cgl.	Nil	55	430	487	4.8	6
-014	0.25	Silicified Lens	15-20% Py, 3-5% Cpy, Mal. Az.	7,379	1,412	429	81.3	26
-015	1.00	Hangingwall, Greywacke	Nil	78	57	395	2.1	1
-016	1.00	Footwall; Hem. Cgl. Ba Str.	Nil	46	464	149	4.9	3
-017	1.00	Barite Vein; 20% Carb.	Nil	8	109	63	3.9	1
-018	1.00	Barite Vein; 20% Carb.	Nil	7	32	26	5.3	2
-019	1.00	Barite Vein; 20% Carb.	Nil	7	105	33	6.8	1
-020	1.00	Barite Vein; 20% Carb.	Nil	8	56	58	12.4	2
-021	1.00	Barite Vein; 20% Carb.	Nil	14	111	86	6.3	3
-022	1.00	Footwall, Hem. Cgl.	Nil	14	81	840	30.1	3
Grab Sample No.								
90F154R-001		Silicified Greywacke	5-7% Py; 3-5% Cpy	259	217	76	72.6	5

EXPLANATION

JURASSIC - CRETACEOUS (?)

3 Barite ± Carbonate Veins / Stringer Zones

UPPER TRIASSIC

2 Red Hematized Volcanoclastic Conglomerate, well rounded clasts to 10cm diameter, interbedded with Unit 1, patchy Jasper inclusions.

1 Red - Green Volcanoclastic Greywacke, interbedded with Unit 2.

SYMBOLS

- Outcrop
- Geologic contact
- Gully / Depression
- OVB Overburden
- C1 Chip sample location, 90F194 C 001
- Foliation orientation
- Fracture / Joint orientation
- Bedding orientation
- Shear / Fault orientation

Carb	Carbonate
Cpy	Chalcopyrite
Frac	Fracture
Hm	Hematite
Mal	Malachite
Min	Mineralization
Py	Pyrite
str	stringers

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,737

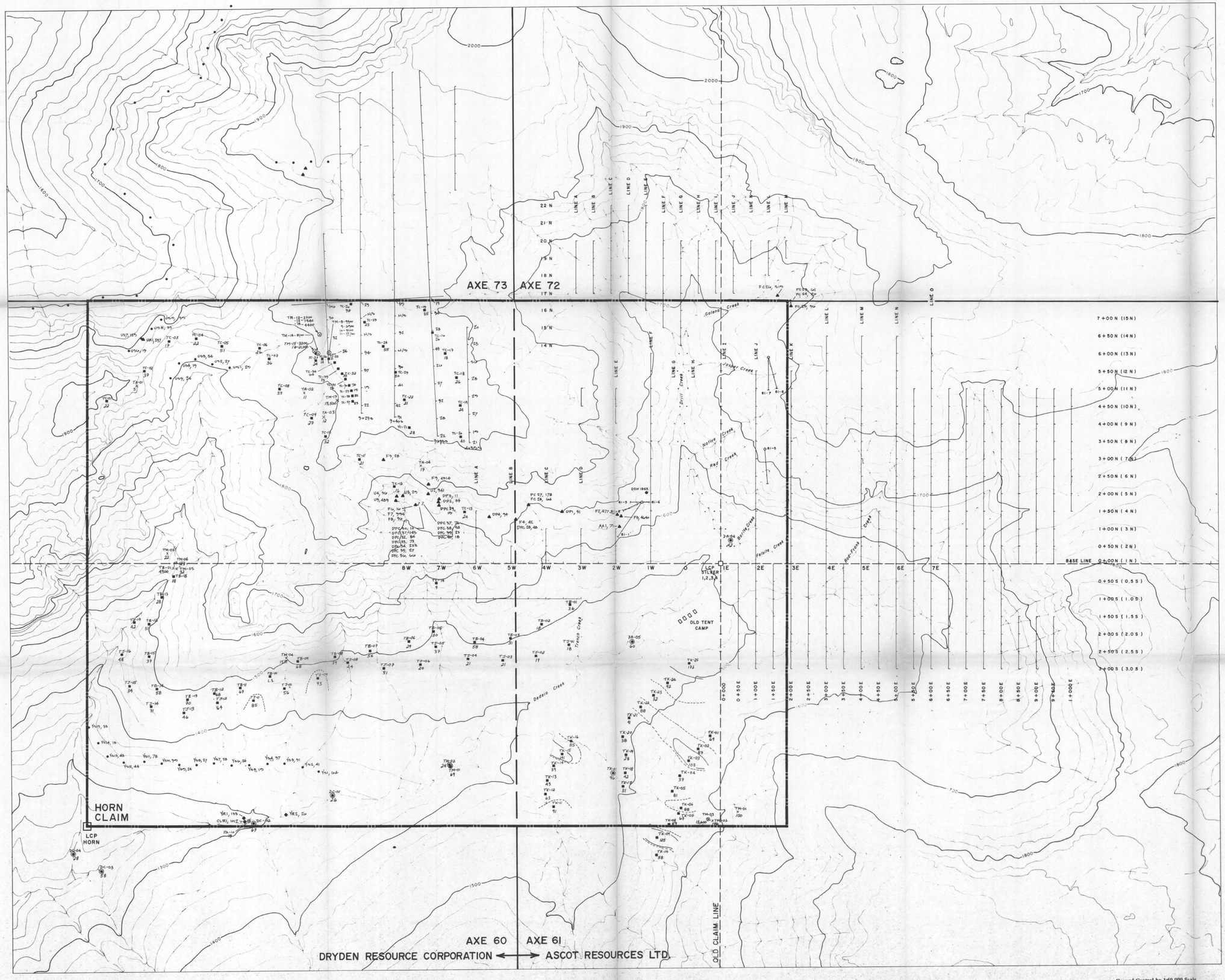
ASCOT RESOURCES LTD
DRYDEN RESOURE CORPORATION

HORN PROPERTY

GEOLOGY and SAMPLE LOCATION

DDH 81-6,7 TARGETS

DATE: Aug, 1990	NTS: 104 G / 9w
PROJECT: HORN 154	PROJ. GEOL.: M. Bobyn
SCALE: 1:250	
Keewatin Engineering Inc.	MAP No. 4



SCALE 1:4,000

100 0 100 200 300 400 Metres

LEGEND

1989 SAMPLING

TC-19 ■ 24	Soil ppm Cu
TA-04 × 17	Rock Grab ppm Cu
DA-10 ⊗ 15	Rock Float ppm Cu
TM-02 ◉ 24	Silt ppm Cu

1990 SAMPLING

| 49	Grid Soil ppm Cu
90-U-154S-005 ● 24	Contour Soil Sample ppm Cu
F4 ▲ 42	Rock Grab Sample 90-F-154R-04 ppm Cu
FC27 ▲ wk. I 178	Rock Chip Sample 90-F-154C-027 ppm Cu
90-CL-184R-01 ◆ 133	Rock Float Sample 90-CL-184R-01 ppm Cu

Ground Control by 1:60,000 Scale Airphoto, Topochain, Compass, Altimeter

GEOLOGICAL BRANCH
ASSESSMENT REPORT

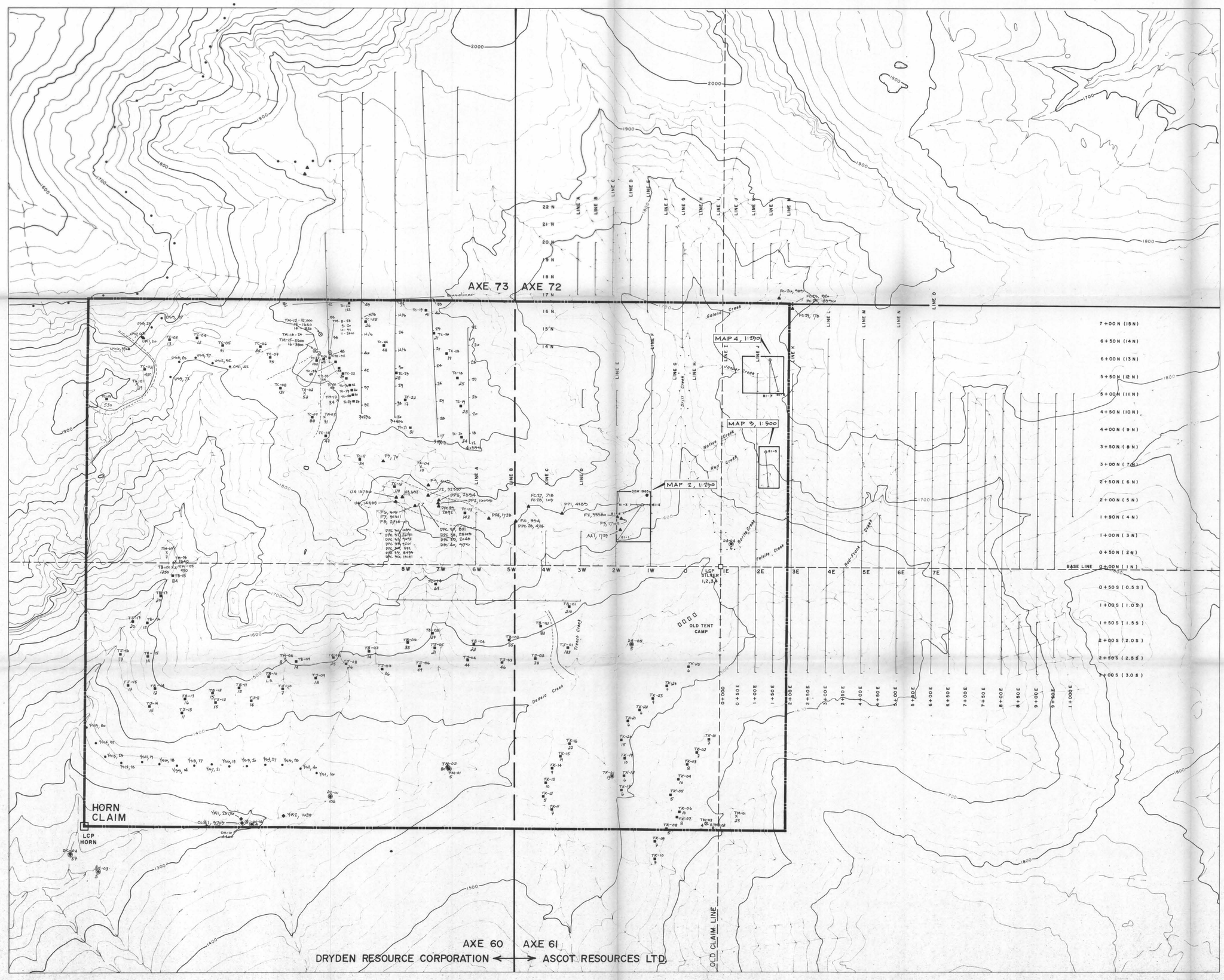
21,337

ASCOT RESOURCES LTD./
DRYDEN RESOURCE CORPORATION

HORN PROPERTY

COPPER SOIL, ROCK AND SILT GEOCHEMISTRY

Scale : 1:4,000	NTS No. 104G/9W-9E
Date : Sept. 1990	Figure No.
Survey By :	Drawn By : D.T. Mehner
Keewatin Engineering Inc.	MAP No. 5



LEGEND

1989 SAMPLING

TC-19 28	Soil ppm Pb
TA-04 10	Rock Grab ppm Pb
DA-10 4400	Rock Float ppm Pb
TM-02 80	Silt ppm Pb

1990 SAMPLING

49	Grid Soil ppm Pb
90-U-154S-005 72	Contour Soil Sample ppm Pb
F4 354	Rock Grab Sample 90-F-154R-04 ppm Pb
FC27 718	Rock Chip Sample 90-F-154C-027 ppm Pb
90-CL-184R-01 5705	Rock Float Sample 90-CL-184R-01 ppm Pb

Ground Control by 1:60,000 Scale Airphoto, Topochain, Compass, Altimeter

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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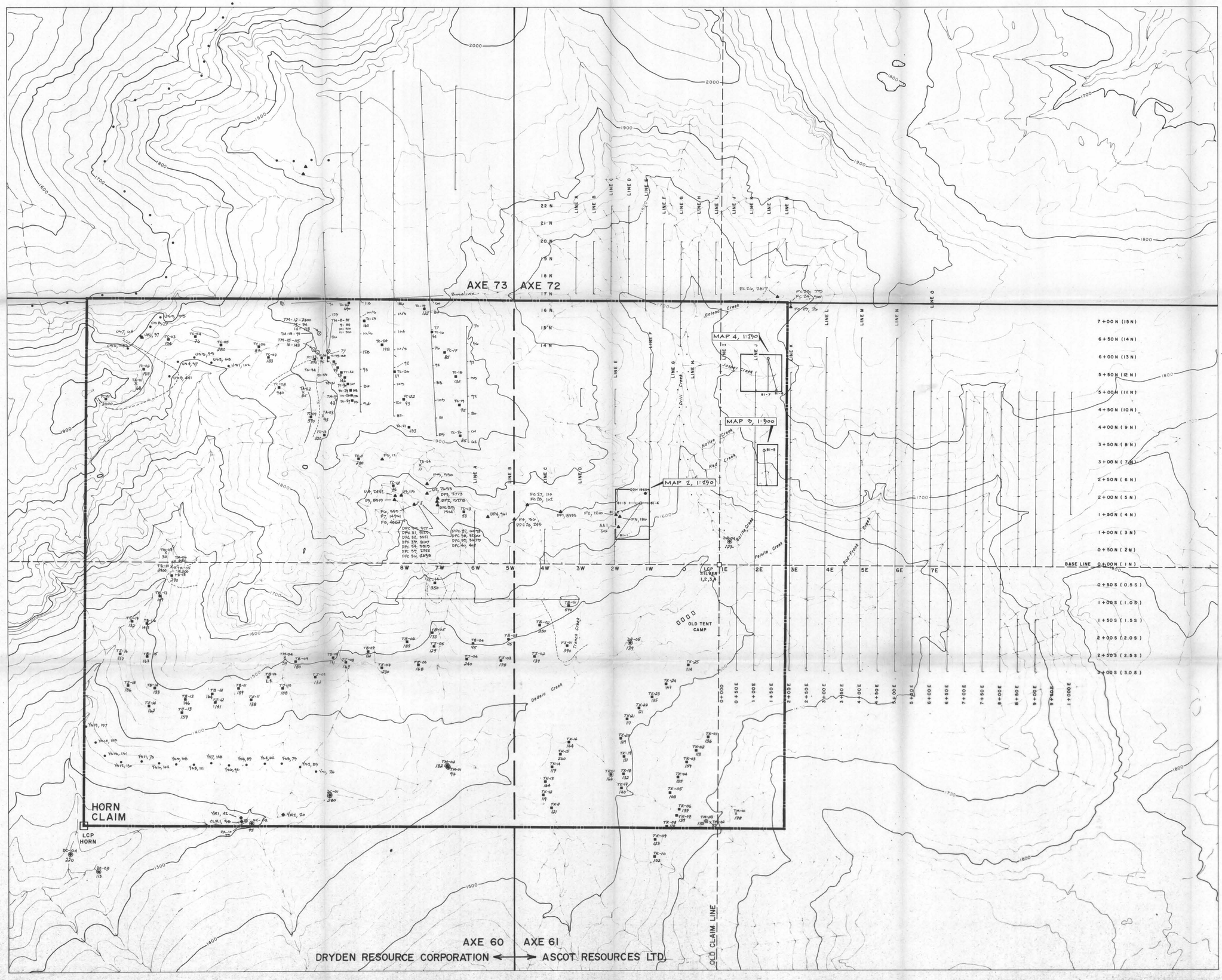
ASCOT RESOURCES LTD. / DRYDEN RESOURCE CORPORATION

HORN PROPERTY

LEAD SOIL, ROCK AND SILT GEOCHEMISTRY

Scale : 1 : 4,000	NTS No. 104 G/9 W-9E
Date : Sept. 1990	Figure No.
Survey By :	Drawn By : D.T. Mehner
Keewatin Engineering Inc.	MAP No. 6



SCALE 1:4,000

100 0 100 200 300 400 Metres

LEGEND

1989 SAMPLING

TC-19 ■ 24	Soil ppm Zn
TA-04 × 17	Rock Grab ppm Zn
DA-10 ⊗ 15	Rock Float ppm Zn
TM-02 ◉ 24	Silt ppm Zn

1990 SAMPLING

49	Grid Soil ppm Zn
90-U-154S-005 ● 441	Contour Soil Sample ppm Zn
F4 ▲ 36	Rock Grab Sample 90-F-154R-04 ppm Zn
FC27 ▲ FC 27 110	Rock Chip Sample 90-F-154C-027 ppm Zn
90-CL-184R-01 ◆ 38	Rock Float Sample 90-CL-184R-01 ppm Zn

Ground Control by 1:60,000 Scale Airphoto, Topochain, Compass, Altimeter

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ASSESSMENT REPORT

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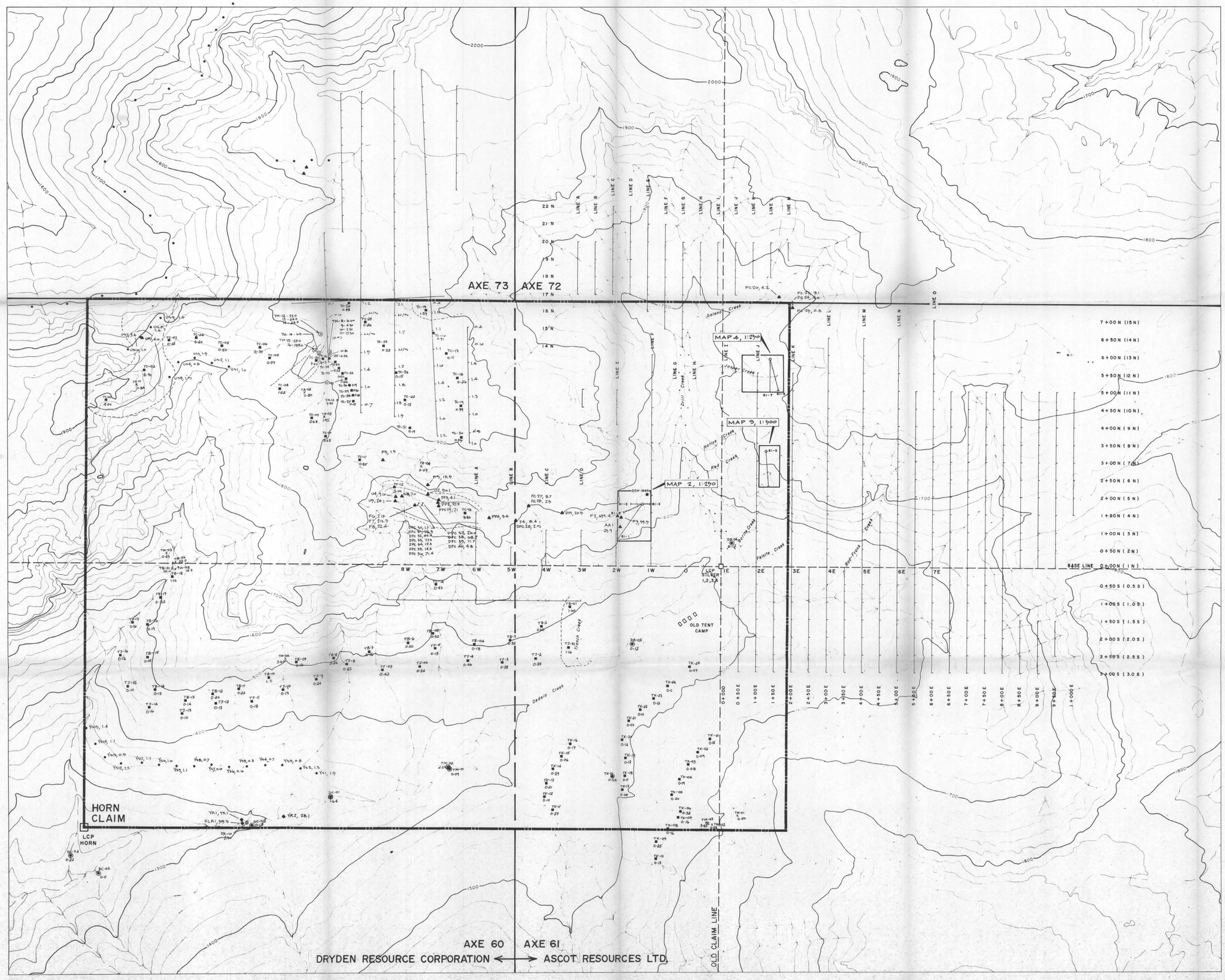
ASCOT RESOURCES LTD. / DRYDEN RESOURCE CORPORATION

HORN PROPERTY

ZINC SOIL, ROCK AND SILT GEOCHEMISTRY

Scale : 1 : 4,000	NTS No. 104 G/9 W-9E
Date : Sept. 1990	Figure No.
Survey By :	Drawn By : D.T. Mehner
Keewatin Engineering Inc.	MAP No. 7



LEGEND

1989 SAMPLING

TC-19 ■ 0.39	Soil ppm Ag
TA-04 × 0.09	Rock Grab ppm Ag
DA-10 ⊗ 2.30	Rock Float ppm Ag
TM-02 ◉ 2.50	Silt ppm Ag

1990 SAMPLING

49	Grid Soil ppm Ag
90-U-154S-005 • 1.9	Contour Soil Sample ppm Ag
F4 ▲ 8.4	Rock Grab Sample 90-F-154R-04 ppm Ag
FC27 ▲ 8.7	Rock Chip Sample 90-F-154C-027 ppm Ag
90-CL-184R-01 ◆ 315.3	Rock Float Sample 90-CL-184R-01 ppm Ag

Ground Control by 1:60,000 Scale Airphoto, Topochain, Compass, Altimeter

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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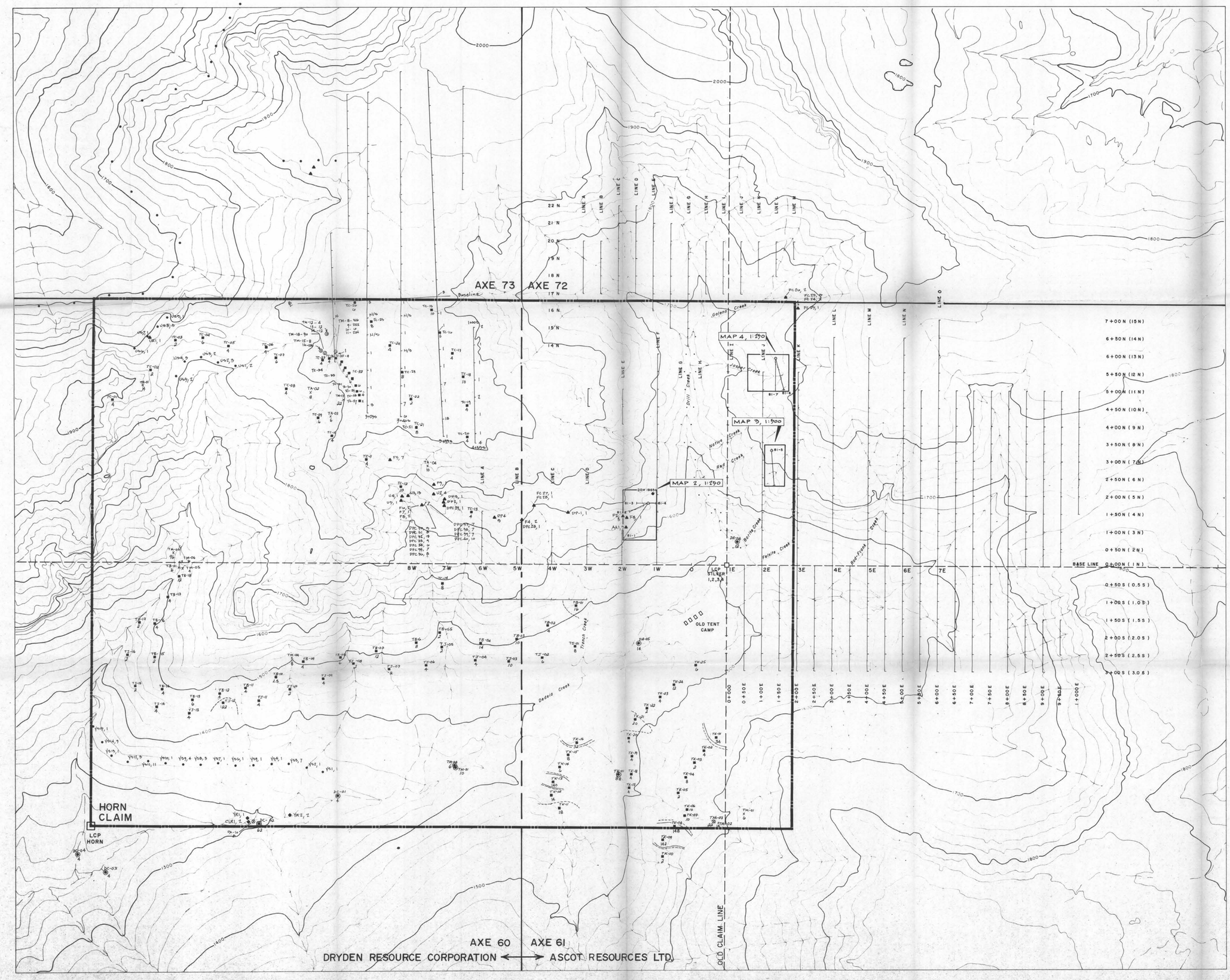
ASCOT RESOURCES LTD./
DRYDEN RESOURCE CORPORATION

HORN PROPERTY

SILVER SOIL, ROCK AND SILT GEOCHEMISTRY

Scale: 1:4,000.	NTS No. 104 G/9 W-9E
Date: Sept. 1990	Figure No.
Survey By: Keewatin Engineering Inc.	Drawn By: D.T. Mehner
	MAP No. 8



N

SCALE 1:4,000

100 0 100 200 300 400 Metres

LEGEND

1989 SAMPLING

TC-19 ■ 4	Soil ppb Au
TA-04 × 10	Rock Grab ppb Au
DA-10 ⊗ 8	Rock Float ppb Au
TM-02 ◉ 6	Silt ppb Au

1990 SAMPLING

49	Grid Soil - ppb Au ppb Au
90-U-154S-005 ● 2	Contour Soil Sample ppb Au
F4 ▲ 2	Rock Grab Sample 90-F-154R-04 ppb Au
FC27 ▲ 1	Rock Chip Sample 90-F-154C-027 ppb Au
90-CL-184F-01 ◆ 2	Rock Float Sample 90-CL-184F-01 ppb Au

Ground Control by 1:60,000 Scale Airphoto, Topochain, Compass, Altimeter

GEOLOGICAL BRANCH
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HORN PROPERTY

GOLD SOIL, ROCK AND SILT GEOCHEMISTRY

Scale: 1:4,000	NTS No. 104G/9W-9E
Date: Sept. 1990	Figure No.
Survey By:	Drawn By: D.T. Mehner
Keewatin Engineering Inc.	MAP No. 9

AXE 73 AXE 72

AXE 60 AXE 61

DRYDEN RESOURCE CORPORATION ⟷ ASCOT RESOURCES LTD.

MAP 4, 1:250

MAP 3, 1:500

MAP 1, 1:250

HORN CLAIM

LCP HORN

LCP SILVER 1,2,3,4

OLD TENT CAMP

OLD CLAIM LINE

BASE LINE 0+00N (1N)

Gallena Creek

Drill Creek

Hollow Creek

Bad Creek

Barrie Creek

Fabiola Creek

Trench Creek

Deadio Creek

SCALE 1:4,000

100 0 100 200 300 400 Metres

LEGEND

1990 SAMPLING

19/1	Grid Soil ppm As/ppm Sb
90-U-154S-005 ● 56/1	Contour Soil Sample ppm As/ppm Sb
F4 ▲ 382/15	Rock Grab Sample 90-F-154R-04 ppm As/ppm Sb
FC27 ▲ pr 2 1082/16	Rock Chip Sample 90-F-154C-027 ppm As/ppm Sb
90-CL-184R-01 ◆ 1/145	Rock Float Sample 90-COL-184R-01 ppm As/ppm Sb

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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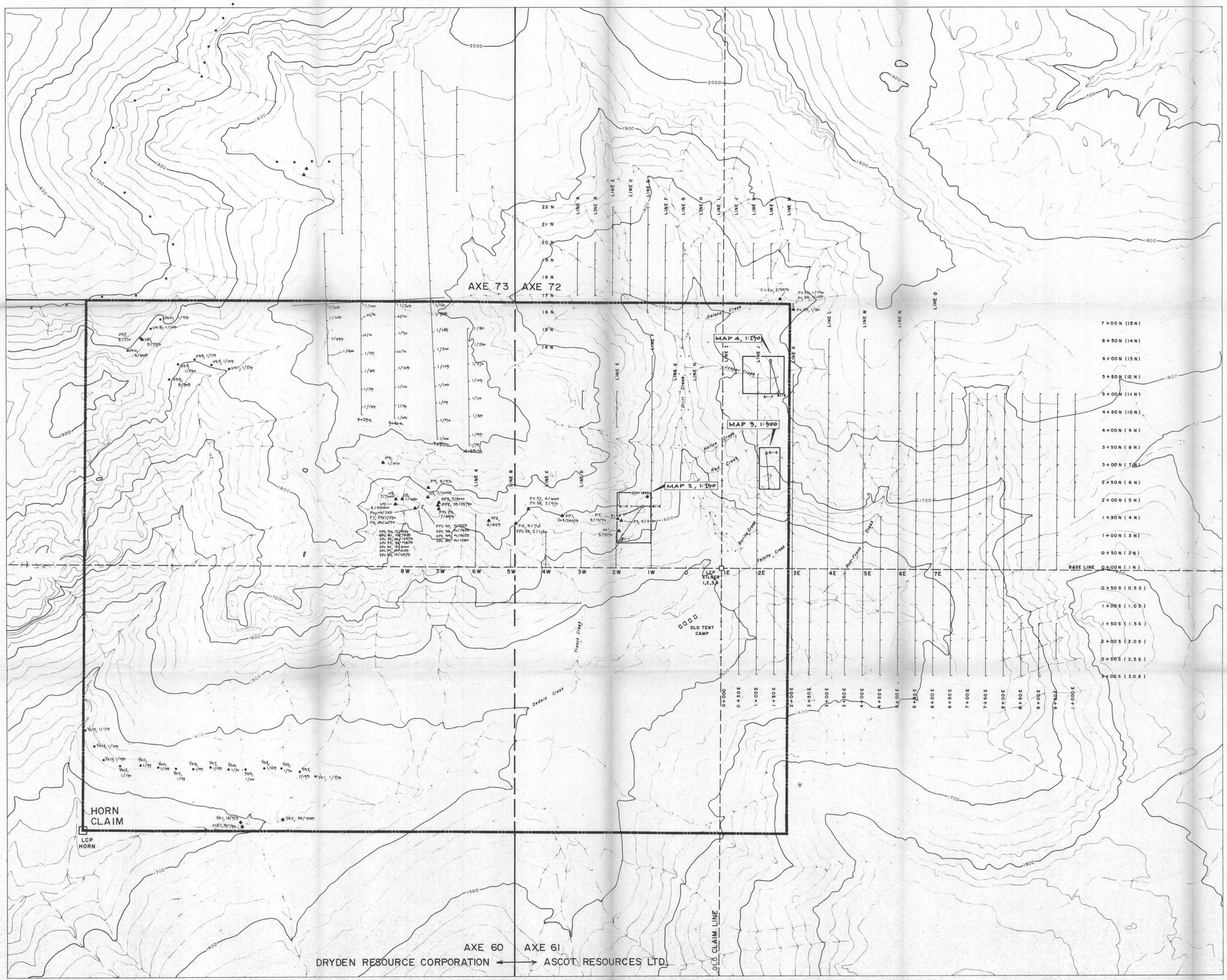
HORN PROPERTY

ARSENIC - ANTIMONY SOIL, ROCK AND SILT GEOCHEMISTRY

Scale: 1:4,000	NTS No. 104 G/9 W-9E
Date: Sept. 1990	Figure No.
Survey By:	Drawn By: D.T. Mehner
Keewatin Engineering Inc.	MAP No. 10



SCALE 1:4,000

100 0 100 200 300 400 Metres

LEGEND

1990 SAMPLING

1/95	Grid Soil ppm Mo/ppb Hg
90-U-154S-005 ● 3/505	Contour Soil Sample ppm Mo/ppb Hg
F4 3/710	Rock Grab Sample 90-F-154R-04 ppm Mo/ppb Hg
FC27 ▲ ave 1 4/660	Rock Chip Sample 90-F-154C-027 ppm Mo/ppb Hg
90-CL-184R-01 ◆ 15/750	Rock Float Sample 90-CL-184R-01 ppm Mo/ppb Hg

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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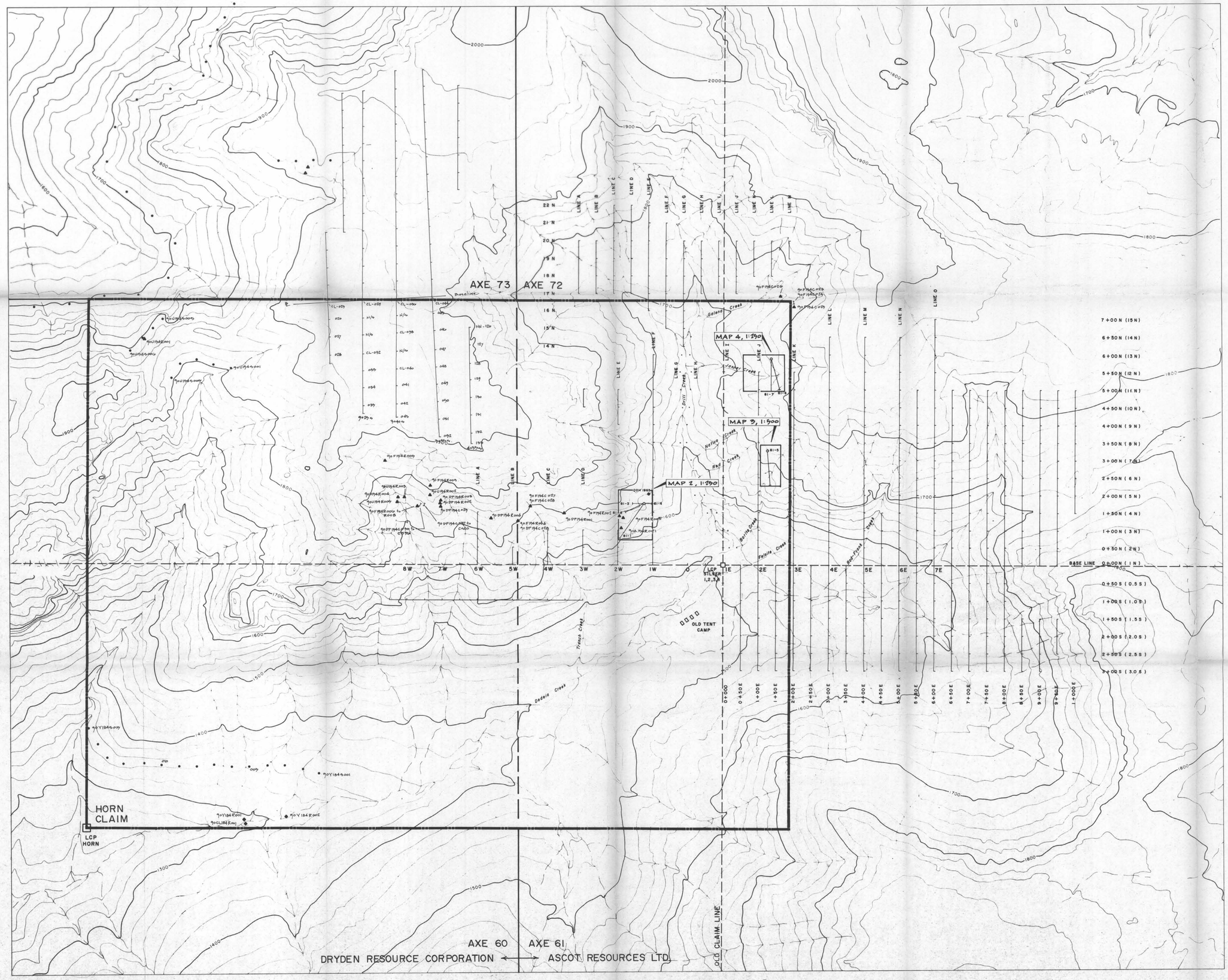
ASCOT RESOURCES LTD. / DRYDEN RESOURCE CORPORATION

HORN PROPERTY

MOLYBDENUM-MERCURY SOIL, ROCK AND SILT GEOCHEMISTRY

Scale : 1:4,000	NTS No. 104 G/9 W-9E
Date : Sept. 1990	Figure No.
Survey By :	Drawn By : D.T. Mehner
Keewatin Engineering Inc.	MAP No. 11



SCALE 1:4,000

100 0 100 200 300 400 Metres

LEGEND

- Grid soil sample
- 90U194G-009 ● Contour soil sample
- 90F194R-027 ▲ Rock grab sample
- 90F194C-027 ▲ or I Rock chip sample
- 90CL184R-001 ◆ Rock float sample

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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ASCOT RESOURCES LTD. /
DRYDEN RESOURCE CORPORATION

HORN PROPERTY

ROCK AND SOIL SAMPLE NUMBERS

Scale: 1:4,000	NTS No. 104G/9W-9E
Date: Sept. 1990	Figure No.
Survey By:	Drawn By: D.T. Mehner
Keewatin Engineering Inc.	MAP No. 12