LOG NO: April 15/91	RD.
ACTION:	
FILE NO:	

ASSESSMENT REPORT ON

SILT, SOIL AND ROCK GEOCHEMICAL SAMPLING

OF THE GIN PROPERTY

(Gin 1 to 9 Claims)

Liard Mining Division, British Columbia
NTS 104H/12W
Latitude: 57° - 44' N
Longitude: 129° - 55' W

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,204

on behalf of

DRYDEN RESOURCE CORPORATION
Vancouver, B.C.

by

David T. Mehner, M.Sc., FGAC
KEEWATIN ENGINEERING INC.
#800 - 900 West Hastings Street
Vancouver, B.C.
V6C 1E5

March 5, 1991

Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S)	TOTAL COST
SILT, SOIL & ROCK GEOCHEMICAL SAMPLING	$22,923.67

AUTHOR(S) DAVID MEHNER SIGNATURE(S) David Mehner

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED YEAR OF WORK 1990

PROPERTY NAME(S) GIN

COMMODITIES PRESENT COPPER-GOLD

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN

MINING DIVISION LIARD NTS 104H-12W

LATITUDE 57° 44' N LONGITUDE 129° 55' W

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

GIN 1 to 9 CLAIMS; 20 UNITS EACH; 180 UNITS TOTAL

OWNER(S)

(1) DRYDEN RESOURCE CORP. (2)

MAILING ADDRESS

800-900 WEST HASTINGS ST.
VANCOUVER B.C. V6C1E5

OPERATOR(S) (that is, Company paying for the work)

(1) DRYDEN RESOURCE CORP. (2)

MAILING ADDRESS

800-900 WEST HASTINGS ST.
VANCOUVER, B.C. V6C1E5

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

LOWER TO MIDDLE JURASSIC TOODOGGONE VOLCANICS ARE INTRUDED BY COEVAL HORNBLENDE DIORITE. ERRATIC ZONES OF PROPYLITIC ALTERATION OCCUR THROUGHOUT THE PROPERTY. PYRITE VEINS (≤3cm) WITH TRACE CHALCOPYRITE & ARSENOPYRITE OCCUR LOCALLY. NO SIGNIFICANT MINERALIZATION IS KNOWN ON THE PROPERTY.

REFERENCES TO PREVIOUS WORK

(over)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	COST APPORTIONED
GEOLOGICAL (scale, area)			
Ground		GIN 8 & 9	$2,338.22
Photo			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ....)			
Soil	92 Cu Pb Zn Ag Au As Hg Sb Mo	GIN 3, 5, 6, 7	$5272.44
Silt	78 Cu Pb Zn Ag Au As Hg Sb Mo	GIN 2, 3, 4, 5, 6, 7, 8, 9	$13754.20
Rock	24 Cu Pb Zn Ag Au As Hg Sb Mo	GIN 3, 6, 7, 8	$1558.81
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralogic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Legal surveys (scale, area)			
Topographic (scale, area)			
Photogrammetric (scale, area)			
Line/grid (kilometres)			
Road, local access (kilometres)			
Trench (metres)			
Underground (metres)			
		TOTAL COST	$22,923.67

FOR MINISTRY USE ONLY	NAME OF PAC ACCOUNT	DEBIT	CREDIT	REMARKS:
Value work done (*from report*)				
Value of work approved				
Value claimed (from statement)				
Value credited to PAC account				
Value debited to PAC account				
Accepted .... Date	Rept. No.			Information Class

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INTRODUCTION

The Gin claims are located on the Klastline Plateau within the Stikine Arch of northwestern British Columbia. They were staked in 1990 to cover ground thought to have excellent potential for hosting porphyry Cu-Au mineralization or precious metal rich veins which commonly occur peripheral to these deposits.

In 1990, Keewatin Engineering Inc. was contracted by Dryden Resource Corporation to carry out reconnaissance exploration over the property and assess it's potential for hosting economic mineralization. Initial exploration consisted of limited silt, soil and rock geochemical sampling. Field work was carried out from a base camp established on the Klastline Plateau 20 km, southwest of the property centre.

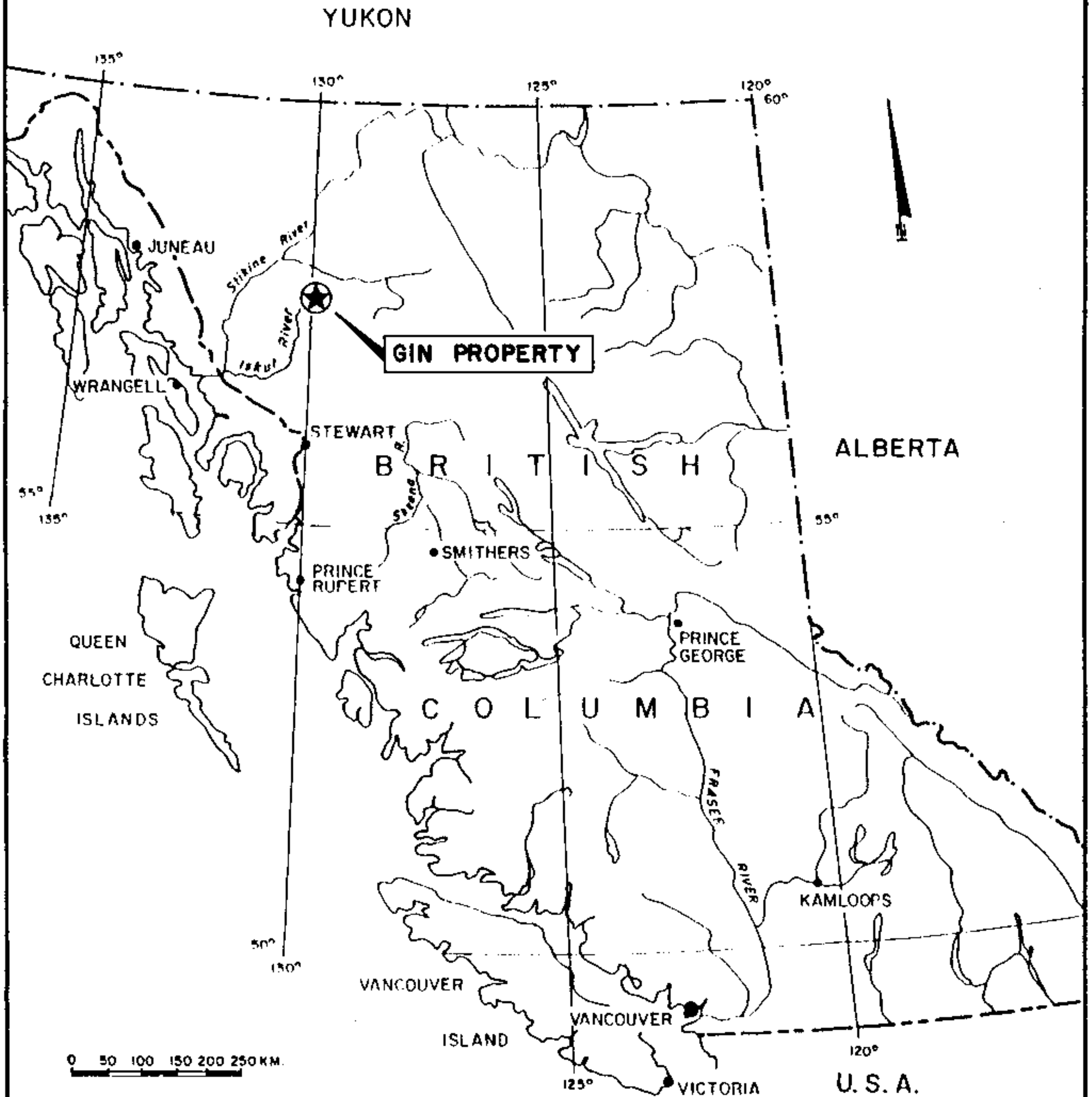
Location and Access

The Gin claims are located in the Stikine region of northwestern British Columbia, approximately 193 km north of Stewart, B.C. (Figure 1). They are centred 7 km east of the northern tip of Kinaskan Lake and 17 km south-southeast of Iskut Village at about 57°-44' North latitude and 129°-55' West longitude on NTS map sheet 104H/12W (Figure 2).

Access is via helicopter from Canadian Helicopter's base at Tatogga Lake Lodge, a resort located 14 km south of Iskut Village and 1.2 km west of the northern end 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 18 km northeast of the Gin claims. Scheduled air service is available from Smithers and Iskut during the summer months.

Physiography and Climate

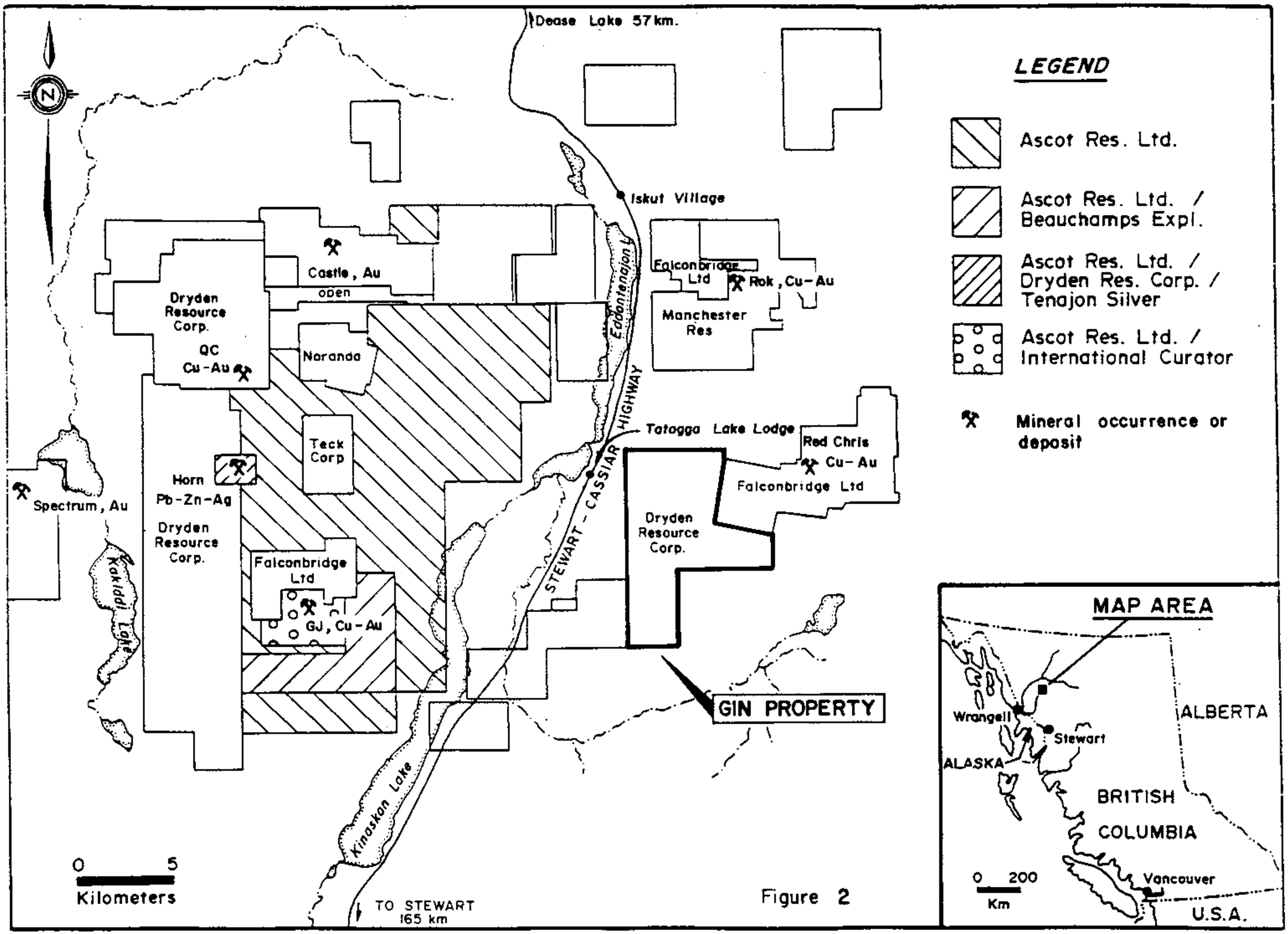
The Gin property covers the northwestern half of Todagin Mountain which forms a small massif between Kinaskan, Ealue and Todagin Lakes in the southeastern portion of the Klastline Plateau. Evaluation varies from 850 metres (2,800 feet) above sea level along Coyote Creek in the extreme northwest corner of the property to 2,155 metres (7,069 feet) above sea level atop Todagin Mountain (Map 1). Most of the property is characterized by rolling plateau with gentle slopes between 1,525 metres (5,000 feet) and 1,830 metres (6,000 feet) above sea level. Steep, rugged slopes



PROPERTY LOCATION MAP

Figure 1

KEEWATIN ENGINEERING INC.


Dease Lake 57 km.
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
Castle, Au
open
Dryden Resource Corp.
QC Cu-Au
Noranda
Falconbridge Ltd
Rok, Cu-Au
Manchester Res
Edontenajon L.
STEWART - CASSIAR HIGHWAY
Tatogga Lake Lodge
Red Chris Cu-Au
Falconbridge Ltd
Teck Corp
Horn Pb-Zn-Ag
Spectrum, Au
Dryden Resource Corp.
Dryden Resource Corp.
Falconbridge Ltd
GJ, Cu-Au
Kakiddi Lake
GIN PROPERTY
Kinaskan Lake
MAP AREA
Wrangell
Stewart
ALASKA
ALBERTA
BRITISH COLUMBIA
Vancouver
U.S.A.
0 200
Km
0 5
Kilometers
TO STEWART 165 km
Figure 2

are prevalent along the deeply incised creek valleys and on the north facing slopes at the northern end of the property.

Vegetation consists of spruce and alder along the lower slopes and in creek valleys. Sub-alpine scrub meanders through the property at about the 4,200 foot level. The tree line is about 4,500 feet above sea level. Alpine flora including flowers and grass are common above the tree line. A number of small creeks which flow through the property could provide water for camp and drill operations.

Precipitation in the area 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.

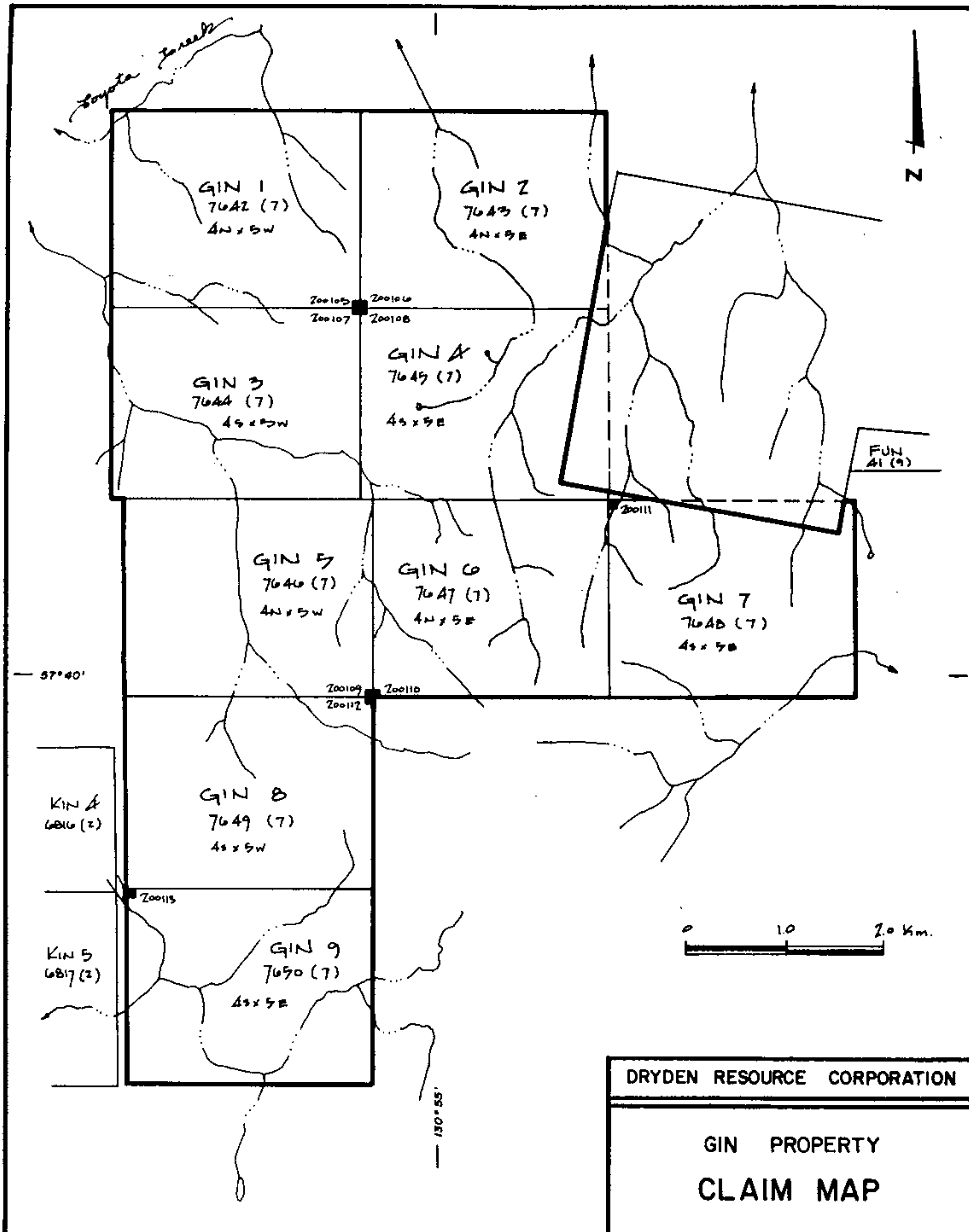
Property Status and Ownership

The nine Gin claims (180 units) located within the Liard Mining Division (Figure 3) are 100% owned by Dryden Resource Corporation with offices at Suite 800 - 900 West Hastings Street, Vancouver, B.C., V6C 1E5.

The property consists of the following claims:

	Record No.	No. of Units	Date of Record	Expiry Date
1	7642	20	July 24, 1990	July 24, 1992
2	7643	20	July 24, 1990	July 24, 1992
3	7644	20	July 24, 1990	July 24, 1993
4	7645	20	July 24, 1990	July 24, 1992
5	7646	20	July 26, 1990	July 26, 1993
6	7647	20	July 26, 1990	July 26, 1992
7	7648	20	July 22, 1990	July 22, 1992
8	7649	20	July 26, 1990	July 26, 1993
9	7650	20	July 23, 1990	July 23, 1993

* New expiry dates after filing 1990 assessment work.



DRYDEN RESOURCE CORPORATION

GIN PROPERTY

CLAIM MAP

DATE: Feb. 1991	NTS: 104 H/12w
PROJECT:	PROJ. GEOL.: DM
SCALE: 1 : 50000	
Keewatin Engineering Inc.	MAP No. 3

Previous Work

The Gin 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.

Although there are no known showings on the Gin property, the claims are situated immediately west of Falconbridge Ltd.'s, Red-Chris porphyry copper-gold prospect. This deposit, with published reserves of 45.2 million tons grading 0.56% Cu and 0.010 oz/ton Au (Panteleyev, 1977) was discovered in the 1960's. It, along with other properties in the Klastline Plateau area were explored intermittently for porphyry copper mineralization until the late 1970's. The entire area remained relatively inactive until the G.S.C. carried out a regional stream silt sampling program in 1988 (National Geochemical Reconnaissance, 1988). Since then a number of companies, including Dryden Resource Corporation have been actively exploring the area for porphyry copper-gold and associated precious metal, shear-vein deposits.

As part of its ongoing exploration program in the area, Dryden Resource Corporation staked the Gin 1 to 9 claims in 1990 to cover a number of colour gossans and stratigraphy thought to have excellent potential for hosting economic mineralization.

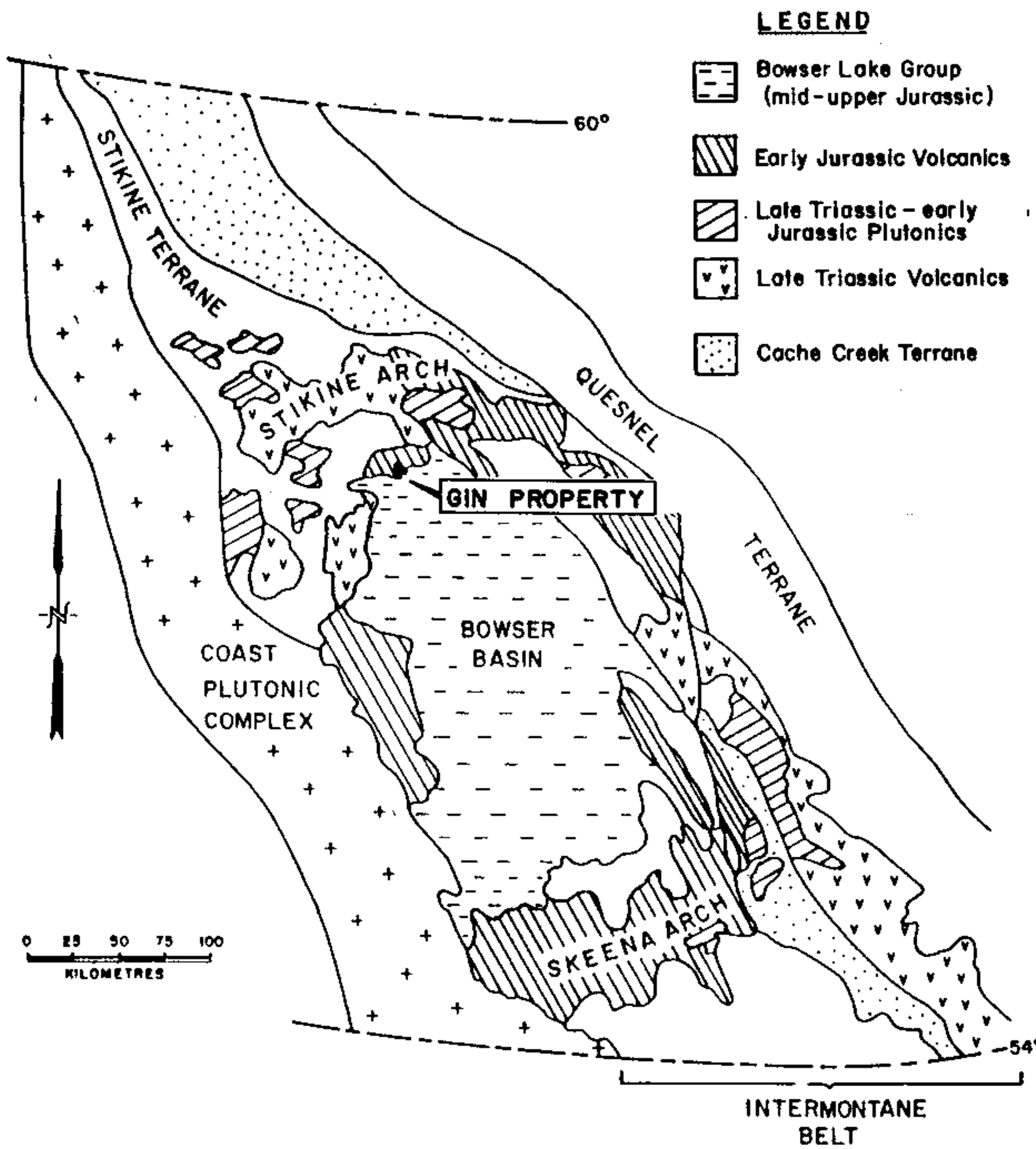
Since acquiring the claims, Dryden Resource Corporation has conducted a silt sampling program over the entire property and has followed this up with limited soil and rock geochemical sampling.

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 along the northern contact of the Middle to Upper Jurassic sediments of the Bowser Lake Group.

The regional geology (Figure 5) has been mapped by the GSC (Souther, 1971; Gabrielse and Tipper, 1984; Read, 1984). Rock units in the area include Permian and Older phyllites and limestone overlain by Upper Triassic, Stuhini Group argillite, siltstone, and wacke. Overlying these sediments are Upper Triassic to Lower Jurassic Hazelton Group augite-andesite flows, pillow lavas, pyroclastics

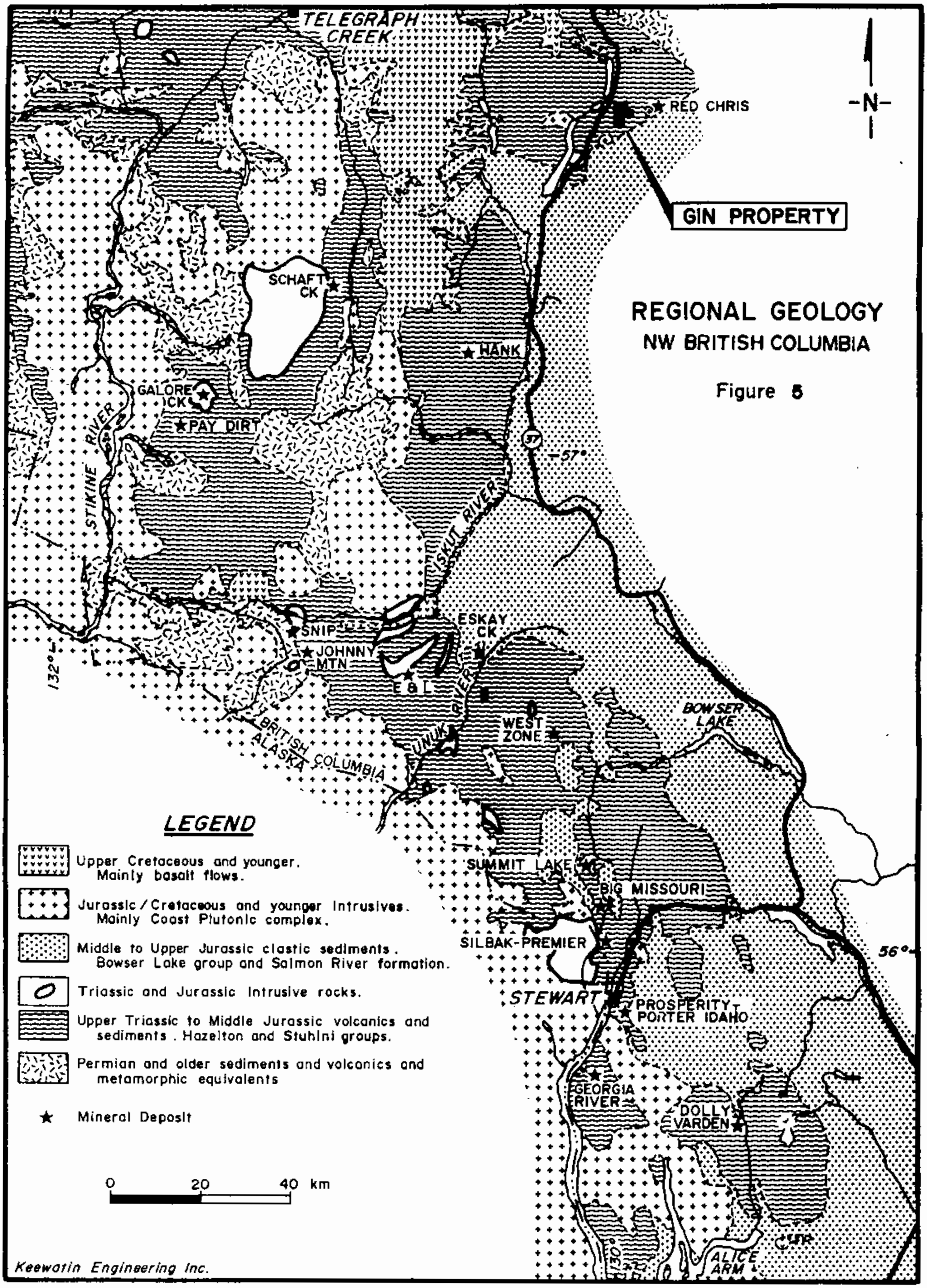


REGIONAL GEOLOGY
BOWSER BASIN
NW BRITISH COLUMBIA

(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-
GIN PROPERTY
REGIONAL GEOLOGY
NW BRITISH COLUMBIA
Figure 5
SCHAFT CK
HANK
GALORE CK
PAY DIRT
STIKINE RIVER
ISKUT RIVER
37
57°
132°
ESKAY CK
SNIP
JOHNNY MTN
E & L
UNUK RIVER
WEST ZONE
BOWSER LAKE
BRITISH COLUMBIA
ALASKA
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
SUMMIT LAKE
BIG MISSOURI
SILBAK-PREMIER
56°
STEWART
PROSPERITY PORTER IDAHO
GEORGIA RIVER
DOLLY VARDEN
130°
ALICE ARM
Keewatin Engineering Inc.

and derived volcaniclastics. Lower Jurassic Toodoggone volcanics which have been mapped on parts of the claims are thought to be correlative with parts of the Hazelton Group stratigraphy.

Unconformably overlying the above units to the south are chert pebble conglomerate, grit, greywacke and siltstone of the 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.

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 deposit situated on the property immediately east of the Gin claims (discussed earlier in this report).

B) The Q.C. porphyry Cu-Au deposit located on Quash Creek, 23 km to the northwest of the property centre. 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 deposit located on Groat Creek 19 km to the west-southwest was discovered in 1964 by Conwest Exploration Co. Ltd.

D) The Rok porphyry Cu-Au prospect situated on the southeastern half of Ehahcezetle Mountain, 8.5 km to the north-northeast of the Gin claims. 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 located on the east slopes of Mt. Edziza, 33 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 located east of the QC porphyry Cu-Au deposit and 22 km northwest of the Gin 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 showing 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 9.2 feet (Delaney, 1988).

H) The Horn (SF) Ag prospect located 5 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

Lithology

Geological mapping during the 1990 program was limited to a number of wide spaced, short traverses in the southwestern portion of the property (Map 1). In this area Lower Jurassic, "Toodoggone" assemblage rocks consisting of conglomerate interbedded with porphyritic andesite flows are intruded by hornblende diorite. The conglomerate consists of well rounded andesite clasts to 25 cm in diameter with minor interbedded quartzite, siltstone and calcareous siltstone. Locally the calcareous siltstone has been altered to "skarn" assemblage calc-silicate minerals including actinolite and calcite.

Unconformably overlying the Toodoggone stratigraphy to the south are Middle to Upper Jurassic, Bowser Group chert pebble conglomerates, minor greywacke and siltstone. The conglomerates contain clasts to 20 cm in diameter but typically clasts are ≤4 cm across.

Alteration

A cursory examination of outcrops throughout the property indicates there is widespread but erratic propylitic alteration. Hematite, chlorite and calcite veins, or fracture fillings are the main alteration minerals. Actinolite and calcite, calc-silicate replacement of limy siltstone beds has been noted in two outcrops.

Large iron stained, colour gossans due to oxidized, fine grained pyrite or oxidized dolomite veins (pyrite bearing?) are common throughout the property. Magnetite veins were noted in the hornblende diorite unit.

Structure

Bedding strikes northeast with southerly dips of 35° to 80°. The major unconformity separating Bowser Group sediments from underlying Toodoggone volcanics and volcaniclastics also strikes northeast-southwest. No faults were noted.

Mineralization

Widely scattered, narrow (≤3 cm) pyrite veins occur erratically throughout the property. Trace amounts of chalcopyrite and arsenopyrite are associated with the pyrite locally. No significant mineralization has been noted on the property.

GEOCHEMISTRY

During the 1990 field season, 78 stream silts, 92 soils and 24 rock samples were collected. Of this total, 28 silts and 5 rock samples were collected from ground immediately adjacent to the Gin property.

The soil samples were collected from four separate traverses through the central portion of the property over areas largely underlain by Toodoggone volcanics and sediments. The samples were taken at 100 metre intervals from flagged reconnaissance lines. Samples were taken with a mattock from the "B" horizon wherever present.

Stream silt samples were taken from active stream beds wherever possible. A Hughes 500 helicopter was used to aid the reconnaissance style sampling program.

Rock samples were taken of mineralized or altered float and outcrop material. Typical samples consist of random grabs or chips from the collection site. No systematic chip or channel sampling wsa done.

All silt, soil and rock sample locations were marked with red and blue flagging.

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 Ltd. in Vancouver, B.C. for 7 element ICP plus Hg analysis.

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

Results

Stream silt geochemistry results are plotted on Maps 2 to 4. Geochemistry results are also listed in Appendix IV and sample descriptions are in Appendix V.

The results for all nine elements analyzed are low. Only two of the silt samples yielded values greater than 20 ppb gold (21 and 29 ppb) and none of the samples returned ≥90 ppm copper. In comparison to silt geochemistry results from elsewhere on the Klastline Plateau, those from the Gin property are considered to reflect background values only.

A summary of silt geochemistry values is as follows:

Copper (Map 2):	Range 12 ppm - 85 ppm
Gold (Map 2):	Range 1 ppb - 29 ppb
Silver (Map 2):	Range 0.20 ppm - 2.4 ppm
Lead (Map 3):	Range 6 ppm - 116 ppm
Zinc (Map 3):	Range 38 ppm - 338 ppm
Molybdenum (Map 3):	Range 1 ppm - 5 ppm
Arsenic (Map 4):	Range 1 ppm - 18 ppm
Mercury (Map 4):	Range 105 ppb - 3,500 ppb
Antimony (Map 4):	Range 1 ppm - 7 ppm

Soil geochemistry results are plotted on Maps 2 to 4. Geochemistry results are also listed in Appendix VI and sample descriptions are in Appendix VII.

As with silt results, geochemistry values for the soil samples collected from the Gin property are low for all the elements analyzed.

A summary of results is as follows:

Copper (Map 2):	Range 16 ppm - 98 ppm
Gold (Map 2):	Range 1 ppb - 9 ppb
Silver (Map 2):	Range 0.10 ppm - 1.1 ppm
Lead (Map 3):	Range 9 ppm - 144 ppm
Zinc (Map 3):	Range 31 ppm - 833 ppm
Molybdenum (Map 3):	Range 1 ppm - 7 ppm
Arsenic (Map 4):	Range 1 ppm - 114 ppm
Mercury (Map 4):	Range 45 ppb - 2,750 ppb
Antimony (Map 4):	Range 1 ppm - 48 ppm

Rock geochemistry results are plotted on Maps 2 to 4. Results are also listed in Appendix VIII and sample descriptions are in Appendix IX.

Results show narrow pyrite ± arsenopyrite veins on the property do contain elevated gold and silver values to 1,240 ppb and 45.1 ppm respectively. Moderately anomalous antimony values to 155 ppm, arsenic values to 3,455 ppm and mercury values to 6,250 ppb were also obtained. A single anomalous zinc value of 8,340 ppm and two lead values of 1,211 ppm and 3,030 ppm were also located. Copper values are relatively low with only two samples yielding ≥150 ppm. The highest copper result was 419 ppm.

CONCLUSIONS

Silt, soil and rock geochemical sampling over parts of the Gin property have failed to identify significant mineralized targets requiring follow-up work.

The northern portion of the property, particularly the north facing slopes along Coyote Creek have seen only limited sampling and opportunities could still exist in this area for porphyry copper-gold or precious metal, shear-vein style mineralization.

RECOMMENDATIONS

Two widely spaced contour soil lines with samples taken at 100 metre intervals are recommended to test the north facing slopes at the north end of the property for copper-gold mineralization. Further work would be contingent upon the results of this program.

Respectfully submitted,

KEEWATIN ENGINEERING INC.

GEOLOGICAL ASSOCIATION OF CANADA
D. T. MEHNER
FELLOW

David T. Mehner, M.Sc., FGAC

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APPENDIX I

Statement of Expenditures

STATEMENT OF EXPENDITURES

Gin 1 to 9 Mineral Claims

Personnel			
David Mehner, Senior Geologist	3.0 days @ $375/day	$1,125.00	
Marty Bobyn, Project Geologist	2.0 days @ $325/day	650.00	
Bob Ryziuk, Geological Technician	3.5 days @ $300/day	1,050.00	
Dan Perrett, Prospector	2.0 days @ $250/day	500.00	
Mike Skeoch, Prospector	2.5 days @ $240/day	600.00	
Grant Nagy, Sampler	2.0 days @ $250/day	500.00	
Colin Anderson, Labourer	1.0 days @ $230/day	230.00	
Trevor Shepard, Sampler	2.5 days @ $175/day	437.50	
Keith Louis, Sampler	3.5 days @ $175/day	612.50	
Verna Jordan, Cook/First Aid	3.0 days @ $250/day	750.00	
			$ 6,455.00
Accommodation and Food			
Includes Keewatin personnel and pilot	29.0 man days @ $60/day		1,740.00
Equipment Use	25.0 man days @ $15/day		375.00
Helicopter (including fuel)			
Hughes 500	10.9 hours @ $ 670/hr.	$7,303.00	
Bell 205	1.0 hours @ $1700/hr.	1,700.00	
			9,003.00*
Geochemistry			
Soils	92 samples @ $10.00 ea.	$ 920.00	
(includes sample prep., Au fire geochem, Hg analysis and 7 element ICP)			
Silts (includes analysis as for soils)	78 samples @ $10.00 ea.	780.00	
Rocks	24 samples @ $12.50 ea.	300.00	
(includes analysis as for soils & silts)			2,000.00*
Camp Construction and Maintenance			123.84*
Field Supplies - Topo-thread, flagging, etc.			287.39*
Expediting - contract charges			102.00*
Travel - staff to and from Vancouver			130.70*
Freight			174.59*
Report Preparation			
D. Mehner	2.0 days @ $375/day	$ 750.00	
Drafting, typing, blueprints, accounting, etc.		600.00	
			1,350.00
Sub-Total:			**21,741.52**
Handling Fee - 10% on 3rd Party invoices by Keewatin Engineering Inc. (denoted by *)			1,182.15
TOTAL EXPENDITURES:			**$22,923.67**

APPENDIX II

Summary of Personnel

SUMMARY OF PERSONNEL

Name	Position	Sampler Code	Dates Worked
David Mehner	Senior Geologist	"AA"	Aug. 4, 5 (½ day); Sept. 16 & 17 (½ days); Nov. 6 (½ day).
Marty Bobyn	Project Geologist	"F"	Sept. 16, 17.
Bob Ryziuk	Geological Technician	"BR"	Sept. 16, 17, 24 (½ day); Oct. 5.
Dan Perrett	Prospector	"DP"	Sept. 16, 17.
Mike Skeoch	Prospector	"U"	Sept. 16, 17, 28 (½ day).
Grant Nagy	Sampler	"NN"	Sept. 16, 17.
Colin Anderson	Sampler		Sept. 16.
Trevor Shepard	Sampler	"V"	Aug. 4, 5 (½ day), 22.
Keith Louis	Sampler	"CL"	Aug. 4, 5 (½ day); Sept. 16, 17.
Verna Jordan	Cook/First Aid		Aug. 5; Sept. 16, 17.

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

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-1198-SJ1+2
DATE: 90/08/27
* SILT * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90V 152(G)L 061	2	1.8	50	15	72	1	1	1	175
90V 152(G)L 062	1	1.1	70	26	103	1	3	1	550
90V 152(G)L 063	1	1.3	51	26	115	1	1	1	225
90V 152(G)L 064	3	2.1	70	6	64	1	1	1	115
90V 152(G)L 065	2	.6	42	15	60	1	1	1	1245
90V 152(G)L 066	1	.9	54	22	69	1	1	1	245
90V 152(G)L 067	1	.8	31	14	71	1	1	1	165
90V 152(G)L 068	1	1.3	31	21	140	1	1	5	155
90V 152(G)L 069	5	1.2	33	15	69	1	1	1	215
90V 152(G)L 070	1	1.3	52	16	69	1	1	1	225
90V 152(G)L 071	2	2.1	77	6	74	1	1	1	215
90V 152(G)L 072	1	1.3	85	18	95	1	1	1	445
90V 152(G)L 073	1	2.4	76	6	60	1	1	1	130
90V 152(G)L 074	1	1.3	45	14	50	1	1	1	405
90V 152(G)L 075	1	1.6	50	16	53	1	1	1	180
90V 152(G)L 076	2	1.2	53	26	39	1	1	1	415
90V 152(G)L 077	1	1.6	33	14	43	1	1	1	385
90V 152(G)L 078	3	.7	12	25	49	1	1	2	425
90V 152(G)L 079	2	.8	20	27	43	1	1	1	365
90V 152(G)L 080	21	1.3	55	21	40	1	3	1	425
90V 152(G)L 081	2	1.1	31	17	51	1	1	1	240
90V 152(G)L 082	3	1.3	43	16	49	1	2	1	275
90V 152(G)L 083	2	1.1	51	19	38	13	1	1	580
90V 152(G)L 084	1	.8	36	12	60	1	1	1	220
90V 152(G)L 085	1	2.0	35	7	104	1	1	1	155
90V 152(G)L 086	2	.9	35	18	80	1	1	1	365
90V 152(G)L 087	1	.6	13	24	51	1	1	1	215
90V 152(G)L 088	1	.6	16	21	51	1	1	1	230
90V 152(G)L 089	2	1.0	63	36	112	1	5	1	355
90V 152(G)L 090	1	1.1	24	15	63	1	1	2	475
90V 152(G)L 091	1	.4	49	12	107	1	1	1	110
90V 152(G)L 092	3	.3	56	13	98	1	1	1	125
90V 152(G)L 093	1	1.1	49	13	98	1	1	1	145
90V 152(G)L 094	3	.5	49	13	115	1	1	1	120
90V 152(G)L 095	2	1.0	45	20	42	1	1	1	125
90V 152(G)L 096	1	1.1	37	16	85	1	1	1	180
90V 152(G)L 097	29	1.3	58	46	166	1	6	1	145
90V 152(G)L 098	2	1.2	71	31	111	1	6	1	260
90V 152(G)L 099	1	.8	56	28	133	1	1	1	280
90V 152(G)L 100	1	.6	54	14	100	1	1	1	145
90V 152(G)L 101	1	.4	57	14	102	1	1	1	105
90V 152(G)L 102	2	.7	38	15	135	1	1	1	290
90V 152(G)L 103	1	1.4	41	19	81	1	1	1	140
90V 152(G)L 104	1	1.0	33	19	79	1	1	1	150
90V 152(G)L 105	2	.9	34	26	115	1	1	1	155
90V 152(G)L 106	7	.9	53	25	86	1	1	1	195
90V 152(G)L 107	1	.9	57	14	85	1	1	1	220
90V 152(G)L 108	2	.9	52	22	80	1	1	1	495
90V 152(G)L 109	2	1.0	55	40	289	1	1	1	275
90V 152(G)L 110	1	.9	63	52	242	1	1	1	210
90V 152(G)L 111	1	.8	62	17	117	1	1	1	355
90V 152(G)L 112	2	1.1	57	13	84	1	1	1	185
90V 152(G)L 113	1	2.2	78	8	58	1	1	1	155
90V 152(G)L 114	1	1.9	72	8	59	1	1	1	115
90V 152(G)L 115	1	.8	58	16	103	1	1	1	160
90V 152(G)L 116	1	.8	59	13	98	1	1	1	165
90V 152(G)L 117	2	.9	75	56	215	1	5	1	275
90V 152(G)L 118	1	2.0	36	116	338	1	7	1	265
90V 152(G)L 119	1	1.1	56	17	104	1	1	1	190
90V 152(G)L 120	NO SAMPLE								

↑
PROJECT CODE ERROR
SHOULD BE 18

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-SJ3
DATE: 90/07/27
* SILT * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90V 152(G)L 121	1	.8	48	22	121	1	1	1	400
90V 152(G)L 122	2	1.0	68	40	211	1	1	1	270
90V 152(G)L 123	1	.5	63	18	105	1	1	1	200
90V 152(G)L 124	1	.7	46	18	75	1	1	1	570
90V 152(G)L 125	1	1.2	64	10	88	1	1	1	160
90V 152(G)L 126	2	.8	58	16	102	1	1	1	245
90V 152(G)L 127	1	.8	73	52	256	18	6	1	300
90V 152(G)L 128	3	.6	49	31	170	1	1	1	230
90V 152(G)L 129	2	.5	44	24	91	1	1	1	220
90V 152(G)L 130	1	.5	69	18	65	1	1	1	3500
90V 152(G)L 131	5	1.2	59	13	85	1	1	1	175
90V 152(G)L 132	NO SAMPLE								
90V 152(G)L 133	1	.9	71	15	106	1	1	1	165
90V 152(G)L 134	2	1.0	56	27	160	1	1	1	390
90V 152(G)L 135	3	1.2	59	18	113	1	1	1	230
90V 152(G)L 136	2	.6	42	16	79	1	1	1	105
90V 152(G)L 137	1	.7	60	12	123	1	1	1	125
90V 152(G)L 138	1	.8	50	15	106	1	1	1	150
90V 152(G)L 139	2	.5	60	11	120	1	1	1	120
90V 152(G)L 140	2	.9	54	6	120	1	1	1	115
90V 152(G)L 141	1	.9	38	18	112	1	1	1	130
90V 152(G)L 142	3	1.1	30	19	138	1	1	2	220

↑ PROJECT CODE ERROR
SHOULD BE 18

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-0548-LJ6
DATE: 90/09/27
* SILT * (ACT:)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90NN152-L-003	1	.2	56	25	81	1	1	1	1550

APPENDIX V

Silt Sample Descriptions

KEEWATIN ENGINEERING INC.

STREAM SEDIMENTS

Project: #152 [illegible] Gin [illegible]

Area (Grid): GJ

Collectors: DM, TS K [illegible]

Results Plotted By:

Map: N.T.S.: 104 H-12W

Date: August 1990

Sample Number 90V152(G)L	NOTES		SEDIMENT DATA: Gravel	Sand	Silt	Clay	Organic	STREAM DATA: Bank	Active	cm Width	cm Depth	Velocity	SPRING	DRY GULLY
061	1225 m. [illegible]	Gin 3	25		50		25		✓	100	[illegible]	[illegible]		
062	1225 m. [illegible]	Gin 3	40	[illegible]	30				✓	[illegible]	[illegible]	[illegible]		
63	1450 m.	Gin 4	40	40	30				✓	[illegible]	[illegible]	[illegible]		
64	1450 m.	Gin 4		50	50				✓	[illegible]	[illegible]	[illegible]		
65	1570 m. [illegible] Creek	Gin 5		50	50				✓	[illegible]	[illegible]	[illegible]		
66	1570 m. [illegible]	Gin 5		30	[illegible]				✓	[illegible]	[illegible]	[illegible]		
67	1690 m. [illegible]	Gin 9		5[illegible]	5[illegible]				✓	[illegible]	[illegible]	mod		
68	1590 m. [illegible] hard	Gin 9		70	30				✓	70	[illegible]	[illegible]		
69	15[illegible] m	Gin 9		50	50				✓	[illegible]	[illegible]	[illegible]		
70	RIGHT fast good silt								✓	2m	30			
71	LEFT good fast	GIN 3							✓	2m	30			
72	Right good fast	GIN 6							✓	2m	20			
73	LEFT good mod	GIN 6							✓	2m	30			
74	Right good fast	WEST of GIN 5							✓	2½m	35			
75	LEFT good fast	WEST of GIN 5							✓	2m	25			
76	Right good fast	WEST of GIN 8							✓	2m	30			
77	LEFT good fast	WEST of GIN 8							✓	1m	10			
78	Right good mod	GIN 9							✓	1m	5			
79	LEFT poor fast	GIN 9							✓	2M	25			
80	LEFT good LIGHT BROWN SILT								✓	1½m	20			
81	RIGHT mod SILTS LOTS of LOGS								✓	2m	20			
82	LEFT good SILT								✓	1½m	20			
83	MID good SILT								✓	½m	20			
84	POOR TO NO SILTS, STEEP, TOOK MOSS/MUD WATER EDGE								✓	1M	15			
85	LEFT FAST LITTLE SILT - MOST SAND								✓	¾m	20			
86	MAIN CREEK - GOAT HEAD good SILT SAND								✓	3m	25			
87	LEFT SAND MINOR SILT								✓	1m	15			
88	RIGHT CREEK bed = 5m LOTS of SAND NICE DRY SILT GLACIAL MORRAINE								✓	¾M	10			
89	good BROWN SILT WITH SAND								✓	3m	30			
[illegible]									✓					

KEEWATIN ENGINEERING INC.

STREAM SEDIMENTS

Project: #152 [illegible] Gin [illegible]

Area (Grid): GJ

Collectors: DM. [illegible]

Results Plotted By:

Map:

N.T.S.: 104H-12W

Date: [illegible]

Sample Number 90V152(G)L-	Elev. NOTES	Gravel	Sand	Silt	Clay	Organic	Bank	Active	Width	Depth	Velocity	SPRING	DRY GULLY
		SEDIMENT DATA					STREAM DATA						
91	1500m [illegible] Gin 9	70		30				✓	150	[illegible]	[illegible]		
92	1590m [illegible] Gin 9	90		10				✓	200	5	Hi		
93	1600m [illegible] Gin 9	[illegible]		20				✓	100	5	Hi		
94	1500m main Gin 9	[illegible]		10				✓	50	10	Hi		
95	1235m [illegible] Gin 2		[illegible]	90				✓	30	2	[illegible]		
[illegible]	1235m main Gin 2		30	70				✓	100	15	Hi		
[illegible]	1430m East of Gin 2		40	30		30		✓	30	1	low		
[illegible]	1420m main ck. East of Gin 2		30	70				✓	200	25	Hi		
[illegible]	1590m [illegible] North of Gin 7		50	50				✓	100	5	Hi		
[illegible]	Right poor fast GIN 9							✓	1m	20	Hi		
[illegible]	Left poor fast GIN 9							✓	2m	15	Hi		
[illegible]	poor fast GIN 2							✓	1m	10	Hi		
[illegible]	good fast GIN 2							✓	1m	10	Hi		
[illegible]	NOT TAKEN												
[illegible]	NOT TAKEN												
[illegible]	good fast							✓	7m	20			
[illegible]	good fast GIN 2.							✓	3m	30			
[illegible]	Right: TAKEN FROM BANK good fast GIN 2							✓	3m	20			
[illegible]	LEFT TAKEN FROM BANK good fast							✓	1m	10			
[illegible]	1590m [illegible] North of Gin 7		35	35		30		✓	50	3	low		
[illegible]	1580m v. small Gin 4	70		30				✓	20	2	low		
[illegible]	1580m main Gin 4		40	60				✓	150	7	Hi		
[illegible]	1550m right ck Gin 6		20	80				✓	100	15	Hi		
[illegible]	1650m left hand Gin 6		70	30				✓	100	5	Hi		
[illegible]	1770m main South of Gin 6		50	50				✓	150	10	Hi		
[illegible]	[illegible] Dry [illegible] South of Gin 6		50	50					150				✓
[illegible]	1480m. left ck North of Gin 7		50	50				✓	100	25	Hi		
118	1480m [illegible] North of Gin 7		30	70				✓	100	[illegible]	[illegible]		
119			85	15				✓	250	35	Hi		

KEEWATIN ENGINEERING INC.

STREAM SEDIMENTS

Project: #152 Ascot Gin claims

Area (Grid): G J

Collectors: DM. T.S. K.L

Results Plotted By:

Map:

N.T.S.: 104H-12W

Date: August 1991

Sample Number 95V152(G)L	NOTES	Sediment Data: Gravel	Sand	Silt	Clay	Organic	Stream Data: Bank	Active	Width M	Depth cm	Velocity	SPRING	DRY GULLY
121	Right trib		90	10				✓	2	20	MED		
122	Active Creek but got sample from Bank; no silt		100	Ø			X		2.5	20	Hi		
123	Poor Creek, little/no silt, sample from clay bank.				60	40	x		.75	20	MED		
124	right trib		70	30				✓	2.5	20	low		
125	right trib, edge of strong gossan,		70	30				✓	2.5	20	MED		
126	steep dry creek bed; little silt, left trib.		85	15					0.5				X
127	left trib ; very little sediment ? gossan		95	5				✓	1.0	10	Hi		
128	right trib by both sites		95	5				✓	1.5	15	Hi		
129													
130	RIGHT POOR FAST GIN 7							✓	2m	25			
[illegible]	LEFT good FAST GIN 7							✓	2m	20			
[illegible]	LEFT good FAST GIN 6							✓	2m	20			
[illegible]	RIGHT poor FAST GIN 6							✓	1m	10			
[illegible]	RIGHT poor SLOW GIN 6							✓	1m	10			
[illegible]	LEFT POOR FAST GIN 6							✓	1m	15			
[illegible]													
[illegible]	LEFT good fast SOUTH OF GIN 7							✓	3m	30			
[illegible]	RIGHT poor Slow SOUTH OF GIN 7							✓	1m	15			
[illegible]													
[illegible]	LEFT POOR FAST SOUTH OF GIN 7							✓	1m	20			
[illegible]	RIGHT POOR SLOW GIN 7							✓	3m	5			
[illegible]	TAKEN FROM BANK (LEFT) POOR SLOW						X		1m	5			

KEEWATIN ENGINEERING INC.

STREAM SEDIMENTS

Project: GIN CODE 18

Area (Grid):

Collectors:

Results Plotted By:

Map: N.T.S.: 104 H -12 W

Date:

Sample Number	NOTES	SEDIMENT DATA					STREAM DATA					SPRING	DRY GULLY				
		Gravel	Sand	Silt	Clay	Organic	Bank	Active	Width M	Depth CM	Velocity						
90-NN-18 L-003	elev. 1740 m Alpine meadow ; sparse veg. ang. boulders	20	40	40					.5	10/20	SLO						

KEEWATIN ENGINEERING INC.

STREAM SEDIMENTS

Project: 18 GIN CLAIMS

Area (Grid):

Collectors: M. BOBYN

Results Plotted By: M. BOBYN

Map: N.T.S.: 104H-12W

Date: SEPT. 16 1990

Sample Number	NOTES	SEDIMENT DATA: Gravel	Sand	Silt	Clay	Organic	STREAM DATA: Bank	Active	Width	Depth	Velocity	SPRING	DRY GULLY				
90F18L 501	5920'; Small Trib Creek not on 1:50000 ms. MapSheet; Well developed Stream banks, Angular Boulders of vesicular andesite. Sand: Gravel silt		60	10	30			✓	30	10	High	✓					

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-0548-SJ1+2
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
90CL152-S-001	3	.1	55	21	72	1	1	1	180
90CL152-S-002	1	.8	98	29	45	1	1	1	260
90CL152-S-003	2	.8	63	9	63	1	1	1	110
90CL152-S-004	1	1.1	69	19	70	1	1	1	70
90CL152-S-005	2	.6	90	21	71	1	1	1	155
90CL152-S-006	1	.8	80	23	70	5	1	1	285
90CL152-S-007	1	.5	68	17	88	1	1	1	240
90CL152-S-008	1	.7	73	20	103	1	1	1	180
90CL152-S-009	2	1.1	65	9	76	1	1	1	110
90CL152-S-010	1	.1	53	23	90	1	1	1	135
90CL152-S-011	1	.1	35	35	82	1	1	1	200
90CL152-S-012	3	.1	61	34	117	1	4	2	155
90CL152-S-013	2	.3	16	23	31	1	1	1	180
90CL152-S-014	2	.2	50	15	104	1	1	1	65
90CL152-S-015	1	.2	45	24	68	5	1	1	775
90CL152-S-016	1	.7	47	22	95	1	1	1	120
90CL152-S-017	1	.1	35	22	90	1	1	1	365
90CL152-S-018	2	.4	48	40	103	1	1	2	135
90CL152-S-019	1	.1	32	29	110	7	1	1	215
90CL152-S-020	2	.1	42	34	99	1	1	1	370
90CL152-S-021	1	.1	43	17	78	1	1	1	170
90CL152-S-022	1	.1	36	21	72	1	1	1	255
90CL152-S-023	1	.1	31	23	73	1	1	1	365
90CL152-S-024	2	.1	47	22	59	1	1	1	335
90CL152-S-025	1	.3	54	9	54	1	1	1	745
90CL152-S-026	1	.4	48	19	74	1	1	1	335
90CL152-S-027	1	.1	41	20	100	1	1	1	305
90CL152-S-028	2	.5	36	18	106	1	1	1	225
90CL152-S-029	1	.1	35	17	72	1	1	1	150
90CL152-S-030	1	.1	49	32	99	1	1	1	210
90CL152-S-031	1	.1	61	34	90	1	4	1	2750
90CL152-S-032	1	.1	26	29	92	1	1	1	190
90CL152-S-033	2	.1	78	34	125	1	3	3	255
90CL152-S-034	1	.5	36	25	58	3	1	1	1250
90CL152-S-035	1	.4	96	18	71	1	1	1	695
90CL152-S-036	1	.3	34	24	56	1	1	1	170
90CL152-S-037	2	.1	49	29	103	1	1	1	120
90CL152-S-038	2	.3	17	12	64	1	1	1	140
90CL152-S-039	3	.3	26	26	76	1	1	1	155
90CL152-S-040	1	.1	38	30	91	1	1	2	135
90CL152-S-041	2	.1	87	36	125	1	1	1	385
90CL152-S-042	6	.1	29	25	79	1	1	1	250
90CL152-S-043	4	.3	34	21	100	1	1	1	100
90CL152-S-044	1	.1	31	144	833	114	48	1	230
90CL152-S-045	2	.1	40	34	77	1	1	1	145
90CL152-S-046	2	.1	48	33	70	1	1	1	265
90CL152-S-047	3	.1	43	32	48	1	1	1	200
90CL152-S-048	1	.1	57	27	65	1	1	1	250
90BR152-S-001	1	.1	42	31	99	1	1	1	115
90BR152-S-002	2	.1	38	25	109	1	1	1	85
90BR152-S-003	1	.1	67	19	136	1	1	1	90
90BR152-S-004	2	.1	74	26	130	1	1	1	130
90BR152-S-005	2	.1	58	18	147	1	1	1	75
90BR152-S-006	1	.4	48	28	99	1	1	2	100
90BR152-S-007	1	.8	31	26	122	1	1	3	140
90BR152-S-008	1	.3	34	25	255	1	1	7	135
90BR152-S-009	2	.3	78	12	89	1	1	1	90
90BR152-S-010	1	.5	29	19	159	1	1	2	165
90BR152-S-011	1	.1	28	28	188	1	1	6	90
90BR152-S-012	2	.1	20	22	73	1	1	1	100

↑
PROJECT # MISPLOTTED
SHOULD BE # 18

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-0548-SJ3+4
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
90BR152-S-013	1	.2	34	19	88	1	1	1	145
90BR152-S-014	1	.1	20	15	90	1	1	2	75
90BR152-S-015	2	.1	41	27	82	1	1	1	125
90BR152-S-016	2	.4	24	23	80	1	1	1	65
90BR152-S-017	1	.2	23	25	127	1	1	1	45
90BR152-S-018	2	.2	24	24	91	1	1	1	75
90BR152-S-019	1	.3	30	24	92	1	1	2	60
90BR152-S-020	3	.6	24	21	113	1	1	1	95
90BR152-S-021	2	.3	25	23	112	1	1	1	85
90BR152-S-022	2	.1	59	32	116	1	1	1	155
90BR152-S-023	6	.1	27	21	89	1	1	1	45
90BR152-S-024	1	.1	55	22	94	1	1	1	125
90BR152-S-025	4	.1	24	23	87	1	1	1	150
90BR152-S-026	3	.3	49	19	94	1	1	1	175
90BR152-S-027	2	.5	35	23	95	1	1	1	135
90BR152-S-028	9	.2	61	28	76	1	1	1	210
90BR152-S-029	6	.7	48	27	122	1	1	1	115
90BR152-S-030	3	.6	67	25	100	1	1	1	125
90BR152-S-031	2	.4	57	23	92	1	1	1	230
90NN152-S-001	1	.7	37	32	105	1	1	1	150
90NN152-S-002	1	.2	22	26	64	1	1	1	235
90NN152-S-003	2	.2	29	28	106	1	1	1	195
90NN152-S-004	7	.3	41	25	79	1	1	1	450
90NN152-S-005	1	.1	51	43	195	1	1	1	445
90NN152-S-006	2	1.0	49	31	107	1	1	1	125
90NN152-S-007	1	.6	31	30	77	1	1	1	145
90NN152-S-008	2	.9	31	30	67	1	1	1	105
90NN152-S-009	2	.4	36	27	77	1	1	1	205
90NN152-S-010	1	.4	36	31	82	1	1	1	90
90NN152-S-011	3	.1	41	26	94	1	1	1	140
90NN152-S-012	1	.2	41	32	82	1	1	1	405
90NN152-S-013	1	.1	42	27	102	1	1	1	280
90NN152-L-003	1	.2	56	25	81	1	1	1	1550

PROJECT # WRONG
SHOULD BE # 18

APPENDIX VII

Soil Sample Descriptions

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: DRYDEN 1B (

Area (Grid):

Collectors: CASEY LOUIE SEPT 16 1990

Results Plotted By:

Map: N.T.S.:

Date

00 B... BELOW ICE

014 WAS TAKEN 15 METRES BEFORE CREEK ON CREEK BANK

025 BELOW OUTCROP

DB - DARK BROWN
LB - LIGHT BROWN
BLACK - BLACK

Sample Number 90-CL1B-S-	Sample Location: ELEV ~~LINE~~ METRES	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	Horizon Development: Good	Horizon Development: Poor	Parent Material: Drift	Parent Material: Bedrock	Colour
001	1790	0+00	80 SAND 20 SILT			✓	✓					✓		A	40	✓		✓		DB
002	1750	1+00	40 SAND 10 SILT 50 ORGANICS		E							✓		A	30	✓		✓		BLACK
003	1750	2+00	50 SAND 10 SILT 30 ANGULAR FRAGS 10 ORG		W							✓		A	25	✓		✓		BLACK
004	1760	3+00	30 SAND 30 ANGULAR FRAGS 40 CLAY		N							✓		A	20		✓	✓		BLACK
005	1790	4+00	50 SAND 10 SILT 40 ROUNDED FRAGS		NW							✓		A	20		✓	✓		DB
006	1800	5+00	40 SAND 10 SILT 40 ANGULAR FRAGS 10 ORG		N							✓		A	20		✓	✓		DB
007	1820	6+00	60 SAND 10 SILT 30 ANGULAR FRAGS		N							✓		A	15		✓	✓		LB
008	1800	7+00	60 SAND 10 SILT 20 ANGULAR FRAGS 10 CLAY		NE									A	20		✓	✓		LB
009	1780	8+00	20 SAND 40 ANGULAR FRAGS 40 ORGANICS		NE							✓		B	25	✓		✓		LB
010	1760	9+00	70 SAND 10 SILT 20 ANGULAR FRAGS	✓	NE									A	25	✓		✓		DB
011	1740	10+00	40 SAND 10 SILT 10 ORGANICS 40 ANGULAR FRAGS		E							✓		A	25		✓	✓		DB
012	1710	11+00	70 SAND 15 SILT 15 ANGULAR FRAGS		E							✓		A	15	✓		✓		LB
013	1740	12+00	100 ORGANICS	✓	W									A	35		✓		✓	BLACK
014	1800	13+00	20 SAND 80 ANGULAR FRAGS		W	✓								A	15		✓		✓	DB
015	1830	14+00	70 SAND 20 SILT 10 GRAVEL		N							✓		A	25	✓			✓	DB
016	1830	15+00	40 SAND 10 SILT 40 ROUNDED FRAGS 10 ORG		N							✓		A	25	✓			✓	LB
017	1800	16+00	20 SAND 40 ANGULAR FRAGS 40 ORGANICS		N							✓		A	30		✓	✓		DB
018	1710	17+00	30 SAND 30 ANGULAR FRAGS 40 CLAY		NE							✓		A	45	✓		✓		LB
019	1760	19+00	70 SAND 10 SILT 20 GRAVEL		NE							✓		A	15	✓		✓		DB
020	1770	19+00	70 SAND 10 SILT 20 ROUNDED FRAGS		NE							✓		A	25		✓	✓		LB
021	1770	20+00	30 SAND 40 ROUNDED 30 CLAY		NE							✓		A	15		✓	✓		LB
022	1790	21+00	30 SAND 35 ORGANICS 35 GRAVEL		NE							✓		A	35	✓	✓	✓		BLACK
023	1790	22+00	70 SAND 10 SILT 10 GRAVEL 10 ORGANICS		N							✓		A	15	✓		✓		DB
024	1810	23+00	70 SAND 10 SILT 10 GRAVEL 10 ORGANICS		N							✓		A	20	✓		✓		LB
025	1800	24+00	60 SAND 10 SILT 30 GRAVEL		N							✓		B	40	✓		✓		LB
026	1800	25+00	50 SAND 10 SILT 10 CLAY 30 ANGULAR FRAGS				✓					✓		B	20	✓		✓		LB
027	1800	26+00	70 SAND 10 SILT 20 GRAVEL				✓					✓		A	15		✓	✓		LB
028	1780	27+00	60 SAND 10 SILT 30 ANGULAR FRAGS		NE							✓		A	15	✓		✓		DB
029	1770	28+00	70 SAND 10 SILT 20 GRAVEL		NE							✓		A	15	✓		✓		DB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: ____________ Results Plotted By: ____________

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

Collectors: CASEY LOUIE Date ____________

Sample Number 90-CL-1B-S-	Sample Location: ELEV ~~Line~~ METRES	Sample Location: Station	Notes	Topography: ~~Valley Bottom~~	Topography: Direction of slope	Topography: Top of Cliff	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
030	1590	0+00	70 SAND 10 SILT 20 ROUNDED FRAGS		E							✓		A	25	✓			✓	DB
031	1570	1+00	60 SAND 10 SILT 30 ROUNDED FRAGS		E							✓		A	30	✓			✓	DB
032	1580	2+00	40 SAND 10 SILT 40 ANGULAR FRAGS 10 ORGANICS		NE							✓		A	10		✓		✓	LB
033	1580	3+00	70 SAND 10 SILT 20 ANGULAR FRAGS		NE									A	25	✓			✓	DB
034	1580	4+00	100 ORGANICS		E	✓								A	15		✓		✓	BLAC
035	1570	5+00	70 SAND 10 SILT 20 GRAVEL		E									A	10	✓			✓	DB
036	1580	6+00	80 SAND 20 SILT		NE	✓								A	30	✓			✓	DB
037	1580	7+00	70 SAND 20 SILT 10 GRAVEL		NE							✓		A	40	✓			✓	DB
038	1590	8+00	80 SAND 20 SILT		NE	✓								A	40	✓			✓	DB
039	1560	9+00	60 SAND 10 SILT 20 ANGULAR FRAGS 10 ORGANICS		N							✓		A	30	✓			✓	DB
040	1540	10+00	60 SAND 10 SILT 20 GRAVEL 10 ORGANICS		NW							✓		A	15	✓			✓	DB
041	1550	11+00	60 SAND 10 SILT 20 GRAVEL 10 ORGANICS		SE							✓		A	30	✓			✓	DB
042	1580	12+00	70 SAND 10 SILTS 20 ANGULAR FRAGS	✓	NE							✓		A	5		✓		✓	DB
043	1580	13+00	30 SAND 70 ANGULAR FRAGS	✓	NE									A	45		✓		✓	DB
044	1580	14+00	60 SAND 10 SILT 30 ANGULAR FRAGS	✓	NE									A	20		✓		✓	LB
045	1580	15+00	50 SAND 10 SILT 10 ORGANICS 30 ANG FRAGS		SW							✓		A	25		✓		✓	LB
046	1580	16+00	80 SAND 10 SILTS 10 GRAVEL		W							✓		B	40	✓			✓	LB
047	1580	17+00	40 SAND 10 SILT 40 ANGULAR FRAGS 10 ORGANICS		NW							✓		A	50		✓		✓	DB
048	1580	18+00	70 SAND 10 SILT 20 GRAVEL		SW							✓		A	40	✓			✓	LB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: G[illegible] [illegible]

Area (Grid): GIN PROPERTY

Collectors: Gra[illegible]

Results Plotted By:

Map: N.T.S.: 104N-12W

Date: [illegible]

Sample Number 90-NN-18	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	Horizon Development: Good	Horizon Development: Poor	Parent Material: Drift	Parent Material: Bedrock	Colour
[illegible]	[illegible]	[illegible]	15 silt · [illegible]		SW									[illegible]	[illegible]		✓		✓	[illegible]
[illegible]	1+00 m	[illegible]	[illegible]		SW	✓						✓		A	[illegible]		✓			[illegible]
[illegible]	2+00 m	[illegible]	10 · ✓✓ · 20 ✓✓ · [illegible] · 20 ✓✓		SW	✓						✓		A	[illegible]		✓			[illegible]
[illegible]	3+00 m	1535 m	10 ✓✓ · 10 ✓✓ · 10 ✓✓ · [illegible]		SW	✓						✓		A	20		✓		✓	KB
S-005	4+00 m	[illegible]	30 ✓✓ · 20 ✓✓ · 20 ✓✓ · 10 ✓ · 10 grvl		SW	✓						✓		B	25	✓			✓	RB
S-006	5+00 m	[illegible] m	30 ✓✓ · [illegible] · [illegible] · 10 ✓✓				✓	✓				✓		B	30	✓			✓	LB
S-007	6+00 m	[illegible]	50 ✓✓ · [illegible] · 10 [illegible] · 20 ✓✓				✓	✓						B	30	✓			✓	[illegible]
S-008	7+00 m	1520 m	10 ✓✓ · 20 [illegible] · [illegible]		✓		✓					✓		[illegible]	[illegible]		✓		✓	[illegible]
S-009	8+20 m	[illegible]	50 silt · 10 [illegible] · 20 ✓✓ · [illegible]		[illegible]			✓						B	25		✓		✓	[illegible]
S-010	9+[illegible]	[illegible]	[illegible] · 10 ✓✓ · 20 ✓✓ · 30 ✓✓						✓					A	30		✓		✓	DB
S-011	10+00 m	[illegible]5 m	40 ✓✓ · 10 [illegible] · [illegible] · 20 ✓✓ · [illegible]						✓					B	30	✓			✓	LB
S-012	11+00 m	[illegible] m	[illegible] ✓✓ · [illegible] · 10 ✓✓ · [illegible]						✓					B	30	✓			✓	[illegible]
S-013	12+00 m	[illegible]	40 ✓✓ · [illegible] · [illegible] · 20 ✓✓ ·					✓						B	25	✓			✓	MB

APPENDIX VIII

Rock 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-0548-RJ5
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
90DP152-R-001	412	45.1	419	3030	8340	30	13	1	1395
90DP152-R-002	2	2.1	15	25	97	1	2	1	125
90DP152-R-003	1240	18.6	17	1211	481	3455	155	1	315
90NN152-R-001	22	1.4	98	75	297	1	2	1	125
90NN152-R-002	3	1.1	53	44	50	36	23	1	850
90NN152-R-003	10	.2	61	37	61	18	10	2	700
90NN152-R-004	5	.1	83	26	97	135	11	3	615
90U152-R-001	285	4.6	486	57	102	202	8	1	75
90U152-R-002	2	2.2	26	34	20	274	14	25	450
90U152-R-003	370	2.4	26	34	50	214	8	5	360
90U152-R-004	2	.7	47	26	27	81	5	65	3250
90F152-R-001	1	1.8	19	32	63	3	7	1	1725
90F152-R-002	42	1.2	140	25	16	44	5	1	735
90F152-R-003	3	1.5	18	21	45	47	4	11	310
90F152-R-004	1	1.0	31	20	61	1	1	1	155
90F152-R-005	1	2.0	16	12	67	1	9	1	1225
90F152-R-006	3	.1	11	14	48	1	1	1	565
90F152-R-007	1	1.9	14	21	27	1	9	8	1550
90BR152-R-004	1	1.7	21	17	118	1	1	1	1800
90BR152-R-005	2	1.1	87	34	26	27	4	1	605
90BR152-R-006	1	.1	84	30	33	1	1	2	635
90BR152-R-007	1	1.0	16	32	47	496	17	58	6250
90BR152-R-008	5	1.9	11	12	89	2	1	18	335

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: 90/08/18
* 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	2	2.0	101	40	82	1	1	1	340
90.0.152R 034	103	2.4	114	30	41	102	9	12	335
90.0.152R 035	13	2.8	4638	33	22	1	2	1	190
90.0.152R 036	2250	10.5	3828	85	43	844	12	1	205
90.0.152R 037	408	28.4	140680	124	31	942	93	1	305
90.0.152R 038	30	6.1	3030	171	841	166	9	8	1320
90.0.152R 039	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	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 G/N PROP.	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	35837	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	3	1.2	1050	43	94	1	1	2	440
90.V.152R 020	510	26.0	9994	109	1355	119	17	8	8500
90.U.152R 058	683	11.5	18221	49	134	199	19	1	445
90.U.152R 059	625	15.3	21341	49	43	427	24	1	420
90.U.152R 060	552	7.4	10033	34	96	2061	22	3	335
90.U.152R 061	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

APPENDIX IX

Rock Sample Descriptions

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

ect: 18 GIN CLAIMS

(Grid):

ectors: M. BOBYN

Results Plotted By: M BOBYN

Map: NTS:

Date: SEPT 16-18, 1990 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	Cu PPM
0F18R 001	East Creek Bank; 5910'		✓					Carbonate Breccia	Red Orange carbonate breccia; Narrow (2mm) quartz stringers of random orientation. 1-2% Py within carbonate breccia.	
0F18R 002	6000'; St.10, Boulder train from frost heave o/c						✓	Carbonate Breccia	1m diam. boulders of orange wx; white Fs. Carbonate Breccia ū 20% grey qtz. patches 3-5% Py f.f.	
0F18R 005	5840'; Small Creek on N creek bank		✓					Chloritized Carbonate Alt Greywacke	Orange wx; Grey Black Fs. Carbonate alt G.W? Fg; 5-7% dissem. Py within 1m wide carb alt zones	
0F18R 004	Large o/c on grassy Knoll 5400'		✓					Chloritized Hbl. Diorite	C.g. Buff-Brown Wx; Grey Fs. C.g. melanocratic chlorite alt. Hbl. Diorite >30% Hbl. 5-7% mt. <½% Py	
0F18R 005	Frost Heave o/c; 6420' on grassy Knoll, S facing		✓				Frost Heave	Silicified Hbl. Diorite	Mineralized Silicified Hbl Diorite; Strongly Jointed; 15m x1m; 5% Mt; 10-15% finely dissem Py.	
0F18R 006	6240'; 198° to Small Lake to South; Gossanous zones to 3m width x25m length		✓					Foliated Chloritized Diorite/Volc?	Fg Strongly foliated chlorite altered diorite? Volc? Feldspar porphyritic; narrow carb veins to 1cm width. 5-7% Finely dissem Py.	
0F18R 007	75m west of FR006 Gossanous zone 2mx10m in Ct ū 1st unit.		✓					Fractured Chloritized Volc/Diorite?	F.g. chloritized diorite/Volc; as R006; Narrow Pyritic fracture zones to 30cm width. Rep. Grab 10-15% Py	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: Sun #18
Area (Grid):
Collectors: Michael Skrecky [illegible]

Results Plotted By:
Map: NTS: 104H-12W
Date: [illegible] 23/90 Surface Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	Cu PPM
[illegible]18R001	1790 on map		✓					[illegible]	Qtz carbonate altered [illegible] with [illegible] Fepy + cpy blebs. 2-3% Fepy ±1% cpy	
[illegible]18R002	1720 " "						✓	[illegible] float	Frost heave boulders 4-5% Fepy	
[illegible]18R003	1750 " "						✓	Qtz + Barite	Possibly Frost heave on talus slope 4-5% Fe py	
[illegible]18R004	5608 ft " "						✓	Qtz carb	Area of Pyroclastic outcrop in area 3-4% Fepy	
[illegible]DP 18R-01	5200 ft Just below [illegible] Creek		X					[illegible] Shale	Quartz - calcite [illegible] breccia in shale [illegible] x 15 [illegible] sphalerite, pyrite [illegible] 5% [illegible]	
[illegible]DP-18R02	5050 ft		X					Breccia	[illegible] zone [illegible] breccia [illegible]	
[illegible]DP-18R03	5150 ft		X					[illegible]	[illegible] pyrite [illegible]	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: GIN DRYDEN
Area (Grid):
Collectors: BOB RYZUK - GRANT NAGY - ANDY DUPRAS

Results Plotted By:
Map: NTS: 104H-12W
Date: Sept 23/90 Surface X Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	Cu ppm
-NN-18R-01	4821 ft; float in Cr.						X	siltstone	float in creek; black siltstone to wacke; localite vein; ≤1% pyrite.	
-NN-18R-02	4838 ft; right side of west creek.		X					siltstone	Fe stained pyrite pods, 8% 'lacy' pyrite/stockwork; surfl. stain	
0-NN-18R-03	4906 ft. taken above waterfall		X					siltstone;	As above, 4% diss + fract pyrite	
								siltstone;	3-5% finely diss pyrite, Bedded siltstone	
0-NN-18R-04	4906 ft, above waterfall across creek from NNR-3		X							
0-BR-18R-04	5670 ft.		X					siltstone	vuggy qtz veins; ≤2% pyrite, outcrop 5M x 10M - surrounded by Talus.	
0-BR-18R-05	5740 ft; west of BR-04.		X					Breccia.	Pyrite concentrations ≤3cm; gossan outcrop; minor qtz veining.	
0-BR-18R-06	578 ft, 25 m from creek on south bank;		X					chert Breccia	≤5M x 20m, chert breccia / andesite flow (?) contact zone ≤7% pyrite	
0-BR-18R-07	6030 ft; north side of creek;		X					Breccia	silicified, brecciated rk, ≤5% pyrite,	
0-BR-18R-08	5500 ft; o/c in creek bed;		X					Breccia	pyrite ≤2%	
0D-152G-R4	Jackson Creek, West of Gin Property,		X					Augite Andesite flow	5-8% med. grained pyrite; strikes NE & is 1.3 m wide, pyrite cubes.	

APPENDIX X

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 Gin property claims near Kinaskan Lake on behalf of Dryden Resource Corporation.

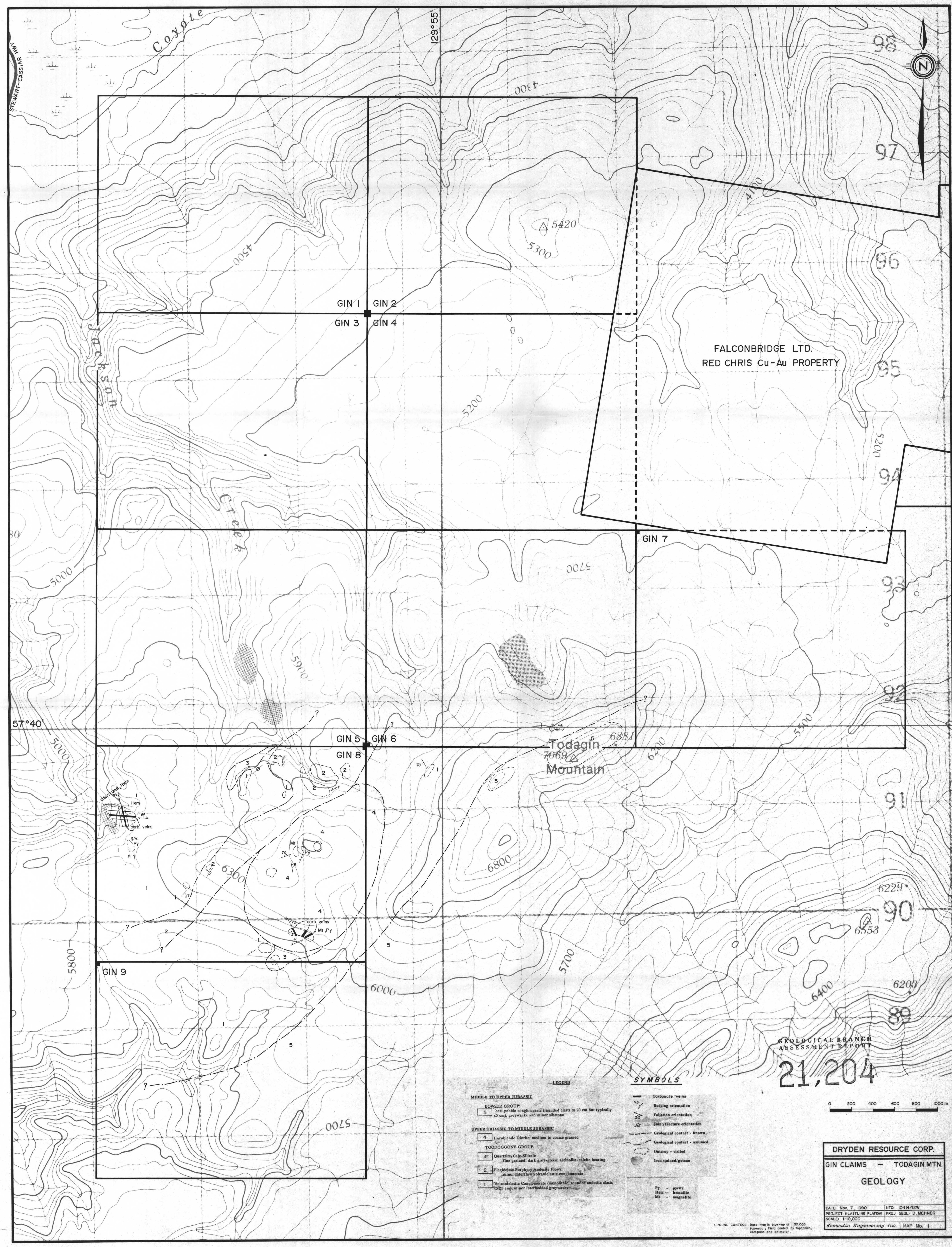
6. I do not own or expect to receive any interest (direct, indirect or contingent) in the properties described herein, nor in the securities of Dryden Resource Corporation in respect of services rendered in the preparation of this report.

Dated at Vancouver, British Columbia, this 5th day of March, A.D. 1991.

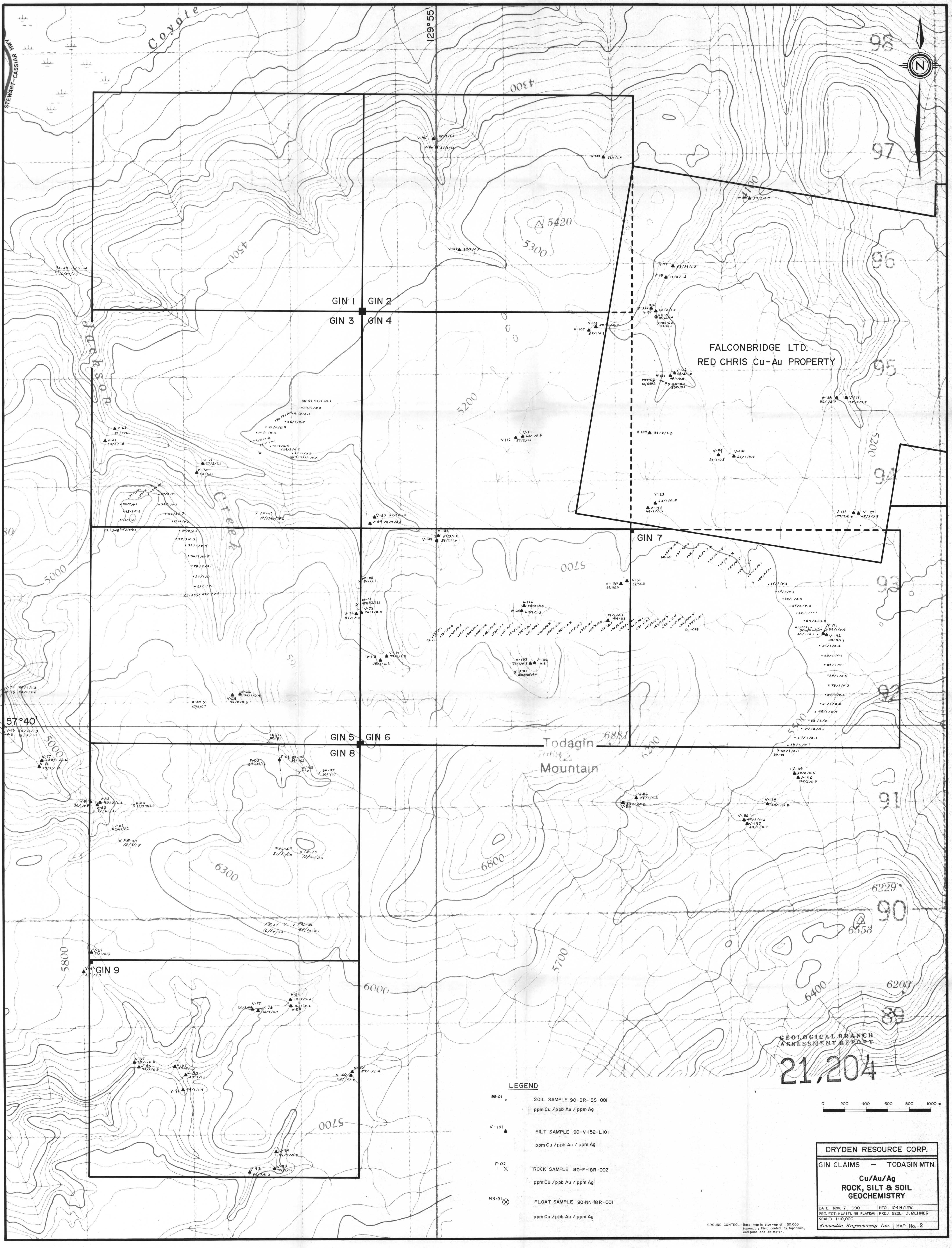
Respectfully submitted,

GEOLOGICAL ASSOCIATION OF CANADA
D. T. MEHNER
FELLOW

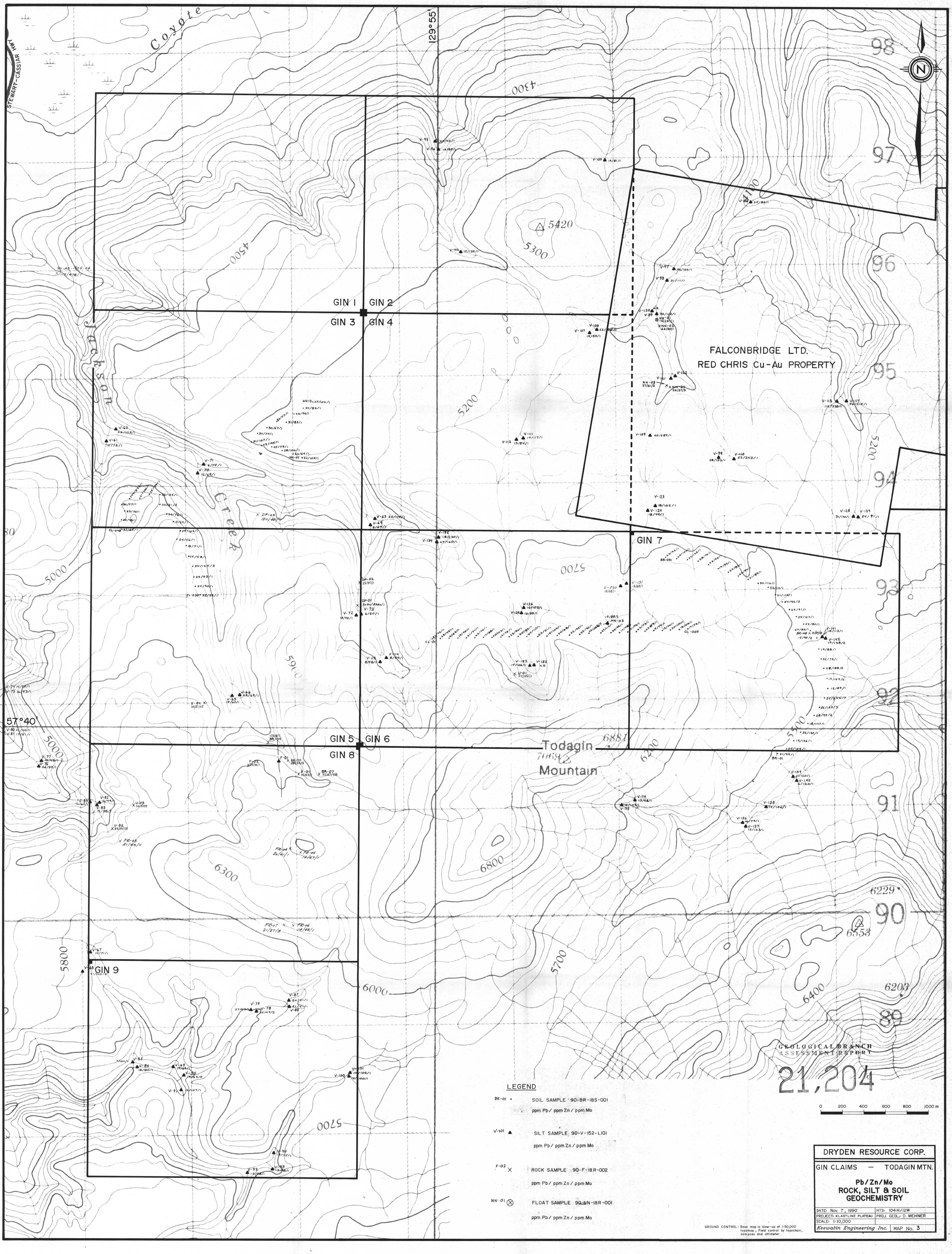
David T. Mehner, M.Sc., FGAC



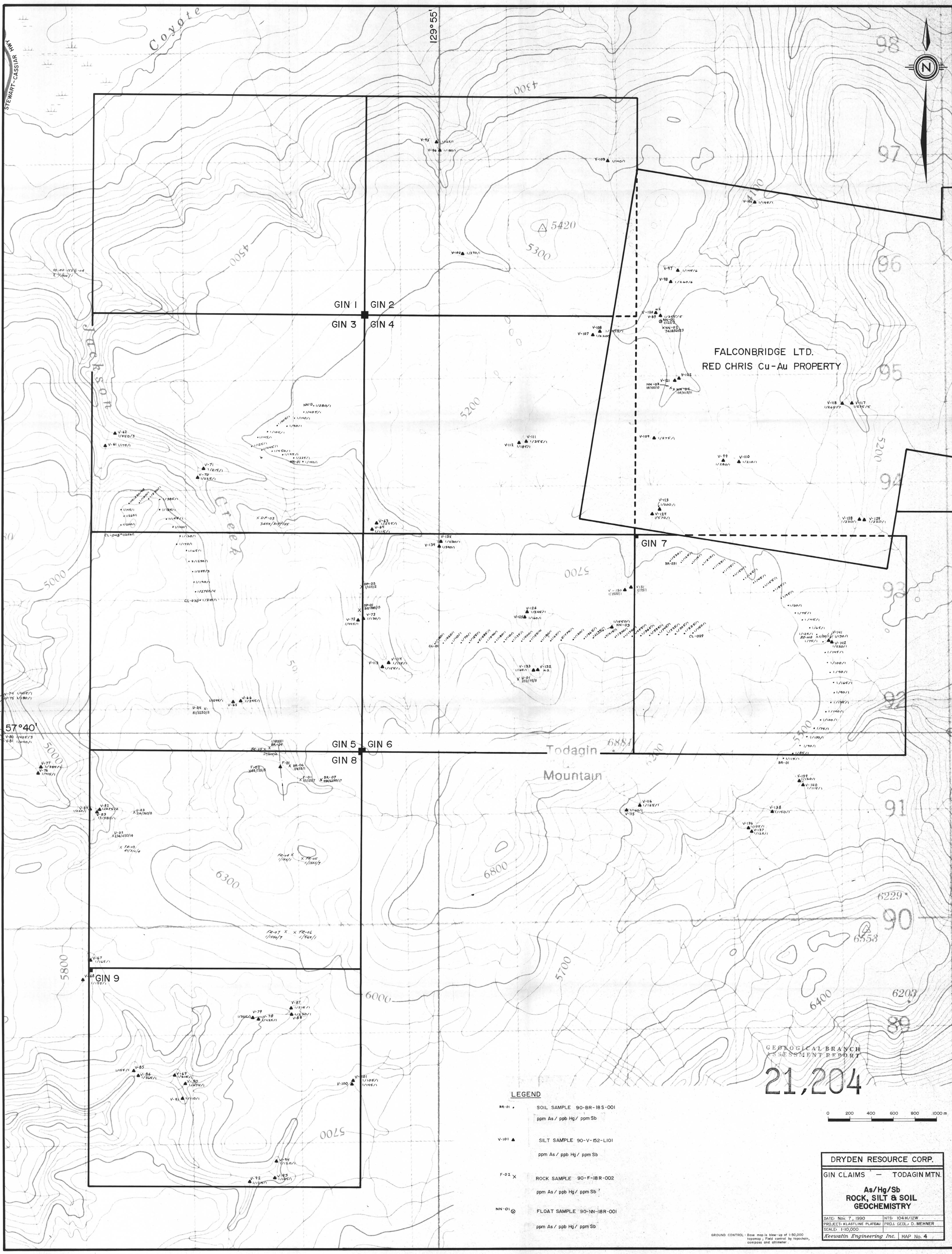
STEWART-CASSIAR HWY
Coyote
Jackson
Creek
129°55'
57°40'
GIN 1
GIN 2
GIN 3
GIN 4
GIN 5
GIN 6
GIN 7
GIN 8
GIN 9
FALCONBRIDGE LTD.
RED CHRIS Cu-Au PROPERTY
5420
Todagin Mountain
7069
6229
6553
6203
GEOLOGICAL BRANCH
ASSESSMENT REPORT
21,204
LEGEND
MIDDLE TO UPPER JURASSIC
BOWSER GROUP:
5 hert pebble conglomerate (rounded clasts to 20 cm but typically ≤5 cm); greywacke and minor siltstone
UPPER TRIASSIC TO MIDDLE JURASSIC
4 Hornblende Diorite; medium to coarse grained
TOODOGGONE GROUP
3 Quartzite/Calc-Silicate - fine grained, dark grey-green; actinolite-calcite bearing
2 Plagioclase Porphyry Andesite Flows; - minor interflow volcaniclastic conglomerate
1 Volcaniclastic Conglomerate (monolithic, rounded andesite clasts to 25 cm); minor interbedded greywacke.
SYMBOLS
Carbonate veins
Bedding orientation
Foliation orientation
Joint/fracture orientation
Geological contact - known
Geological contact - assumed
Outcrop - visited
Iron stained/gossan
Py - pyrite
Hem - hematite
Mt - magnetite
0 200 400 600 800 1000 m
GROUND CONTROL: Base map is blow-up of 1:50,000 topomap; Field control by topochain, compass and altimeter.
DRYDEN RESOURCE CORP.
GIN CLAIMS — TODAGIN MTN.
GEOLOGY
DATE: Nov. 7, 1990
NTS: 104H/12W
PROJECT: KLASTLINE PLATEAU
PROJ. GEOL.: D. MEHNER
SCALE: 1:10,000
Keewatin Engineering Inc.
MAP No. 1



STEWART-CASSIAR HWY
Coyote
Jackson Creek
129°55'
57°40'
GIN 1
GIN 2
GIN 3
GIN 4
GIN 5
GIN 6
GIN 7
GIN 8
GIN 9
FALCONBRIDGE LTD.
RED CHRIS Cu-Au PROPERTY
Todagin Mountain
6881
5420
4300
4500
5000
5200
5300
5700
5800
6000
6300
6400
6800
6229
6553
6203
98
97
96
95
94
93
92
91
90
89
N
GEOLOGICAL BRANCH
ASSESSMENT REPORT
21,204
LEGEND
BR-01
SOIL SAMPLE 90-BR-18S-001
ppm Cu / ppb Au / ppm Ag
V-101
SILT SAMPLE 90-V-152-L101
ppm Cu / ppb Au / ppm Ag
F-02
ROCK SAMPLE 90-F-18R-002
ppm Cu / ppb Au / ppm Ag
NN-01
FLOAT SAMPLE 90-NN-18R-001
ppm Cu / ppb Au / ppm Ag
0 200 400 600 800 1000 m
GROUND CONTROL: Base map is blow-up of 1:50,000 topomap; Field control by topochain, compass and altimeter.
DRYDEN RESOURCE CORP.
GIN CLAIMS — TODAGIN MTN.
Cu/Au/Ag
ROCK, SILT & SOIL
GEOCHEMISTRY
DATE: Nov. 7, 1990
NTS: 104H/12W
PROJECT: KLASTLINE PLATEAU
PROJ. GEOL.: D. MEHNER
SCALE: 1:10,000
Keewatin Engineering Inc.
MAP No. 2



Coyote
STEWART-CASSIAR HWY
Jackson Creek
129°55'
57°40'
4300
4500
5000
5200
5300
5420
5700
5800
5900
6000
6200
6300
6400
6800
6881
7069
6229
6553
6203
98
97
96
95
94
93
92
91
90
89
N
GIN 1
GIN 2
GIN 3
GIN 4
GIN 5
GIN 6
GIN 7
GIN 8
GIN 9
FALCONBRIDGE LTD.
RED CHRIS Cu-Au PROPERTY
Todagin Mountain
GEOLOGICAL BRANCH
ASSESSMENT REPORT
21,204
LEGEND
BR-01 SOIL SAMPLE 90-BR-18S-001
ppm Pb / ppm Zn / ppm Mo
V-101 SILT SAMPLE 90-V-152-L101
ppm Pb / ppm Zn / ppm Mo
F-02 ROCK SAMPLE 90-F-18R-002
ppm Pb / ppm Zn / ppm Mo
NN-01 FLOAT SAMPLE 90-NN-18R-001
ppm Pb / ppm Zn / ppm Mo
0 200 400 600 800 1000 m
GROUND CONTROL: Base map is blow-up of 1:50,000 topomap ; Field control by topochain, compass and altimeter.
DRYDEN RESOURCE CORP.
GIN CLAIMS — TODAGIN MTN.
Pb/Zn/Mo
ROCK, SILT & SOIL
GEOCHEMISTRY
DATE: Nov. 7, 1990
NTS: 104 H/12W
PROJECT: KLASTLINE PLATEAU
PROJ. GEOL.: D. MEHNER
SCALE: 1:10,000
Keewatin Engineering Inc.
MAP No. 3



STEWART-CASSIAR HWY
Coyote
129°55'
4300
4500
5420
5300
5200
5000
5700
5800
6000
6300
6400
6800
6229
6553
6203
6884
57°40'
Jackson
Creek
GIN 1
GIN 2
GIN 3
GIN 4
GIN 5
GIN 6
GIN 7
GIN 8
GIN 9
FALCONBRIDGE LTD.
RED CHRIS Cu-Au PROPERTY
Todagin
Mountain
98
97
96
95
94
93
92
91
90
89
N
GEOLOGICAL BRANCH
ASSESSMENT REPORT
21,204
LEGEND
BR-01 SOIL SAMPLE 90-BR-18S-001
ppm As / ppb Hg / ppm Sb
V-101 SILT SAMPLE 90-V-152-L101
ppm As / ppb Hg / ppm Sb
F-02 ROCK SAMPLE 90-F-18R-002
ppm As / ppb Hg / ppm Sb
NN-01 FLOAT SAMPLE 90-NN-18R-001
ppm As / ppb Hg / ppm Sb
0 200 400 600 800 1000 m
GROUND CONTROL: Base map is blow-up of 1:50,000 topomap; Field control by topochain, compass and altimeter.
DRYDEN RESOURCE CORP.
GIN CLAIMS — TODAGIN MTN.
As/Hg/Sb
ROCK, SILT & SOIL
GEOCHEMISTRY
DATE: Nov. 7, 1990
NTS: 104H/12W
PROJECT: KLASTLINE PLATEAU
PROJ. GEOL.: D. MEHNER
SCALE: 1:10,000
Keewatin Engineering Inc.
MAP No. 4