GEOLOGICAL, GEOPHYSICAL AND GEOCHEMICAL REPORT

ON THE

KITS-JADE PROJECT

KITSAULT LAKE AREA, BRITISH COLUMBIA

Skeena Mining Division
NTS 103P/11, 12, 13, 14
Latitude 55° 46'N
Longitude 129° 29'W

on behalf of

ABER RESOURCES LTD.
700 - 1177 West Hastings Street
Vancouver, B.C. V6E 2K3

and

OLIVER GOLD CORPORATION
800 - 900 West Hastings Street
Vancouver, B.C. V6C 1E5

and

TANQUERAY RESOURCES LTD.
#400 - 640 8 Avenue S.W.
Calgary, Alberta T2P 1G7

by

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#800 - 900 West Hastings Street
Vancouver, B.C.
V6C 1E5

November 25, 1990

Claim Name	No. of Units	Record No.	Record Date	Expiry Date
Trout	16	8689	March 17, 1990	March 17, 1991
Big Bulk	16	1284	May 14, 1979	May 14, 1992
Big Bulk 2	6	1714	September 17, 1979	September 17, 1992
Kit 1*	9	7981	September 5, 1989	September 5, 1994
Jade 1	20	7830	September 1, 1989	September 1, 1993
Jade 2*	20	7831	September 1, 1989	September 1, 1993
Jade 3	20	7832	August 31, 1989	August 31, 1993
Jade 4	20	7833	August 31, 1989	August 31, 1993
Jade 5	20	7834	August 31, 1989	August 31, 1993
Jade 6	20	7835	August 31, 1989	August 31, 1993
Jade 7*	10	7836	September 2, 1989	September 2, 1993
Jade 8	10	7837	September 2, 1989	September 2, 1993
Jade 9*	20	7838	September 2, 1989	September 2, 1993
Jade 10	20	7839	September 2, 1989	September 2, 1993
Jade 11	20	7840	September 2, 1989	September 2, 1993
Jade 12	20	7841	September 2, 1989	September 2, 1993
Jade 13	20	7842	September 3, 1989	September 3, 1993
Jade 14	20	7843	September 3, 1980	September 3, 1993
Jade 15	15	7844	September 3, 1989	September 3, 1993
Jade 16	15	7845	September 2, 1989	September 2, 1993
Jade 17	18	7846	September 4, 1989	September 4, 1993
Jade 18	18	7847	September 4, 1989	September 4, 1993
Jade 19	18	7848	September 4, 1989	September 4, 1993
Jade 20	8(reduced)	7849	September 4, 1989	September 4, 1993
Jade 21	18	7850	September 4, 1989	September 4, 1993
Jade 22	6(reduced)	7851	September 4, 1989	September 4, 1993
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Jade 27	9	7856	September 4, 1989	September 4, 1993
Jade 28	18	7857	September 4, 1989	September 4, 1993
Jade 29	18	7858	September 4, 1989	September 4, 1993
Jade 30	20	7859	September 4, 1989	September 4, 1993
Jade 31	15	7860	September 4, 1989	September 4, 1993
Jade 32	20	7861	September 4, 1989	September 4, 1993
Jade 33	15	7862	September 4, 1989	September 4, 1993
Jade 34	15	7863	September 5, 1989	September 5, 1993
Jade 35*	4(reduced)	7864	September 5, 1989	September 5, 1992
Jade 36*	6	7865	September 5, 1989	September 5, 1992
Jade 37	6	7866	September 5, 1989	September 5, 1992
Jade 38	8(reduced)	7867	September 5, 1989	September 5, 1992
Jade 39	20	7868	September 5, 1989	September 5, 1993
Jade 40	16	7869	September 5, 1989	September 5, 1993
Jade 41	16	7870	September 5, 1989	September 5, 1991

Claim Name	No. of Units	Record No.	Record Date	Expiry Date
Skuch 1	8	8017	September 22, 1989	September 22, 1993
Skuch 2	8	8018	September 22, 1989	September 22, 1993
Skuch 3*	6	8019	September 22, 1989	September 22, 1993
Skuch 4*	20	8020	September 22, 1989	September 22, 1993
Skuch 5*	5	8021	September 22, 1989	September 22, 1993
Skuch 6	7	8022	September 22, 1989	September 22, 1993
Skuch 7	16	8023	September 22, 1989	September 22, 1991
Skuch 8	20	8024	September 22, 1989	September 22, 1991
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Skuch 12	9	9037	July 17, 1990	July 17, 1991
Skuch 13	12	9038	July 17, 1990	July 17, 1991
Frog 1	1	8059	October 5, 1989	October 5, 1995
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Frog 3	1	8060	October 5, 1989	October 5, 1995
Frog 4	1	8061	October 5, 1989	October 5, 1995
Gossan 1	20	8389	January 20, 1990	January 20, 1991
Gossan 2	16	8390	January 20, 1990	January 20, 1991
Gossan 3	18	8391	January 20, 1990	January 20, 1991
Float 1	16	8392	January 20, 1990	January 20, 1991
Float 2	20	8393	January 20, 1990	January 20, 1991
Total:	**964 Units**			

* Claims on which no work was done in 1990.

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1.0 SUMMARY

The Kits-Jade Project focuses on Lower Jurassic Hazelton Group rocks in the Kitsault Lake area, 40 kilometres southeast of Stewart in northwestern British Columbia. The area is within 30 kilometres of deep water port facilities at Kitsault to the southwest on Alice Arm. An unmaintained mine road extends from Alice Arm to the northwest corner of the property. The project area includes the Kit-Trout stratiform volcanogenic Zn-Pb-Ag prospect, the Ace-Galena Ag-Pb shear veins, the Frog Zn-Pb-Ag breccia veins, the Big Bulk-Midnight Blue alkaline porphyry associated Cu-Au prospect and a variety of other less explored showings, occurrences and geochemically anomalous areas.

The Kit-Trout horizon is hosted in a well laminated to brecciated carbonate mudstone horizon that outcrops across five miles (8 kilometres) of strike. The Kit-Trout horizon displays a lateral mineral zonation that varies from Ba-Sr enriched sulphate beds in the east to gradually higher Zn-Pb-Ag enriched sulphide content in the west. The westernmost 1.2 miles (2 kilometres) of the horizon is known as the Trout. The host carbonate package is underlain by a feldspar rich, quartz eye andesitic to dacitic footwall package, and is overlain by an andesitic to basaltic hangingwall. In the Trout area, the Kits-Trout horizon strikes north-northeast and dips moderately northwest. In the Kits area it strikes more east-northeast and dips gently northwest. The Kit-Trout horizon exhibits correlative similarities to the Dolly Varden Ag-Pb camp five miles (8 kilometres) to the southwest.

The Trout area was the focus of much of the 1990 field work effort. The area was initially acquired because of the reported high-grade Ag-Pb Ace-Galena shear veins. Mapping led to the discovery of the Kit-Trout horizon. A cut grid was established over the trend of the Bluebird Structure for magnetometer, VLF and Max/Min electromagnetic surveys, detailed soil geochemistry, and detailed prospecting and mapping. A coincident Pb-Zn-Ag-As-Sb-Ba anomaly 65 to 165 feet (20-50 metres) wide by up to 2,600 feet (800 metres) long exists along the trend of the structure highlights the Trout horizon. Old unsampled core that intersected the horizon assayed up to 1.26% Pb, 0.34% Zn, and 1.35 oz/ton Ag (46.3 g/tonne; D34967) over 6.5 feet (2.0 metres).

The Big Bulk area was optioned in the early part of 1990 based upon reports of up to 0.05 oz/ton Au (1.75 g/tonne) and 0.715% Cu over 42.6 feet (13 metres) (Cavey, 1980). Broad zones of Cu-Au mineralization up to 2,600 feet by 1,300 feet (800 metres by 400 metres) were outlined by detailed rock and soil contour samples taken this year.

The Midnight Blue area was staked in 1990. A single float sample which assayed 0.111 oz/ton Au (3.81 g/ton; 90EEF-57) led to the outlining of a 1,600 foot (500 metre) wide Cu-Au-Pb-Zn-As soil anomaly.

The Jade-Skuch area was the subject of a follow-up regional reconnaissance rock, soil and stream silt geochemical survey and prospecting program in 1990. The area is underlain by favourable Lower Jurassic Hazelton Group stratigraphy with potential for base metals and gold mineralization. A total of 26 significant anomalies were identified by prospecting and stream silt sampling. Only two areas outlined by 1989 work warrant further work after 1990 follow-up. Gold and base metals are anomalous north of Jade Lake (anomalies JN 1 and 2) and in the Lahte Creek area (anomalies JS-1, 3 and 5). The area of greatest interest occurs southwest of Lahte Creek where a silt sample assayed 301 ppb Au (L3149). Numerous silt samples along Lahte Creek indicate good precious metals potential throughout the area. Gold anomalies at the headwaters of Lahte Creek resulting from 1989 sampling can be attributed to narrow high grade Au-Cu veins in the area that assay up to 2.14 oz/ton Au (73.4 g/tonne) and 16.0% Cu (90EER-63). The mudstones and siltstones at the base of the Middle Jurassic Salmon River Formation are anomalous in Zn over most of the claim area from the White River to Lahte Creek.

Significant changes have been made to the regional geological picture. Recent government mapping (Greig, 1990) identifies the Upper Triassic Stuhini Group between the Kits-Jade project area and the Kitsault River. The two recognized units of the Hazelton Group have been redefined, and the Hazelton Group-Salmon River/Bowser Lake Group contact has been significantly shifted westward in the White River area and eastward in the Lahte Creek area. Structural shortening across an northeast-southwest direction is also postulated to have taken place as a result of high angle faulting as well as folding.

The Kit-Jade project area clearly warrants further work including detailed mapping, sampling and up to 2,300 feet (1,000 metres) of drilling in each of the Trout and Big Bulk-Midnight Blue areas. Electromagnetic and induced polarization surveys are also recommended in the Big Bulk-Midnight Blue areas. Detailed contour soil, silt and prospecting in the Lahte Creek and other geochemically highlighted areas are also recommended.

2.0 INTRODUCTION

The 1990 Kits-Jade Project gold/base metals mineral exploration program commenced June 26, 1990 and ran continuously for 93 days in the field until September 22, 1990. The Kits-Jade program is funded by the joint venture group of Oliver Gold Corporation of Vancouver, B.C. (50% operator), Aber Resources Ltd. of Vancouver, B.C. (25%) and Tanqueray Resources Ltd. of Calgary, Alberta (25%). Geological consulting services for the project were contracted to Keewatin Engineering Inc. of Vancouver, B.C. Geophysical consulting services were sub-contracted by Keewatin to S.J. Geophysics Ltd. of Delta, B.C.

The Kits-Jade property is located 40 kilometres southeast of Stewart, B.C. within the Skeena Mining Division and is comprised of 67 contiguous mineral claims that total 964 claim units in size. The property includes the one claim (16 unit) Trout option (formerly Pacific Silver) vended by Mr. C. Kowall of Whaletown, B.C. and the two claim (22 unit) Big Bulk option vended by Mr. K.W. Livingstone of Reno, Nevada. The six claim Sault option with Mr. J.R. Woodcock has been terminated and is no longer part of the property. The remaining 63 claims (917 units) were staked for and are wholly owned by the joint-venture group. The property covers approximately 25 kilometres of favourable geology that includes intermediate to felsic volcanics, volcanoclastics and sediments of the Lower Jurassic Hazelton Group. Mineral occurrences identified on the property include: the Kits-Trout stratiform volcanogenic Zn-Pb-Ag prospect on the Trout claim; the Ace-Galena Pb-Ag shear vein on the Trout claim; the Frog Zn-Pb-Ag breccia veins within the footwall of the Kits-Trout horizon on the Frog and Trout claims; the Big Bulk Cu-Au porphyry(?) system on Kinskuch Lake; the newly discovered Midnight Blue Au-Cu porphyry(?) zone on the upper Dak River; and the narrow high grade Au-Cu quartz-veins newly discovered in the headwaters of Lahte Creek.

The 1990 work program was divided into two phases of work. The $300,000.00 Phase I portion was allocated in part for detailed mapping, prospecting, survey grid establishment, and geochemical and geophysical surveys on the Frog-Trout ground. Included in the Phase I work was follow-up regional scale mapping, prospecting and geochemical sampling of anomalies identified in 1989 on the Jade-Skuch claims. Areas of the property not previously examined, and new areas staked or optioned were also investigated. The Big Bulk claim option and the recently staked Midnight Blue area became the focus of more detailed mapping and sampling as a result of anomalous Au and Cu geochemical samples. The Phase II work was budgeted at $100,000.00 for an intended 1,100 foot (350 metre) drill program along the Ace-Galena Pb-Ag shear vein. However, at the end of the Phase I work, the potential target on the Trout had been modified so significantly (from narrow high-grade Ag-Pb shear veins to stratiform Zn-Pb-Ag), that drilling was considered premature. The identification of broad zones of Cu-Au mineralization in the Big Bulk and the Midnight Blue area warranted further work. The Phase II budget was therefore re-allocated to continue detailed geological mapping in each of these areas.

The 1990 work program was a continuation of an exploration effort begun in September of 1989 that included 3,275 feet (998.2 metres) of diamond drilling along the Kits horizon and a grassroots level sampling program of the Jade-Skuch area.

3.0 LOCATION AND ACCESS

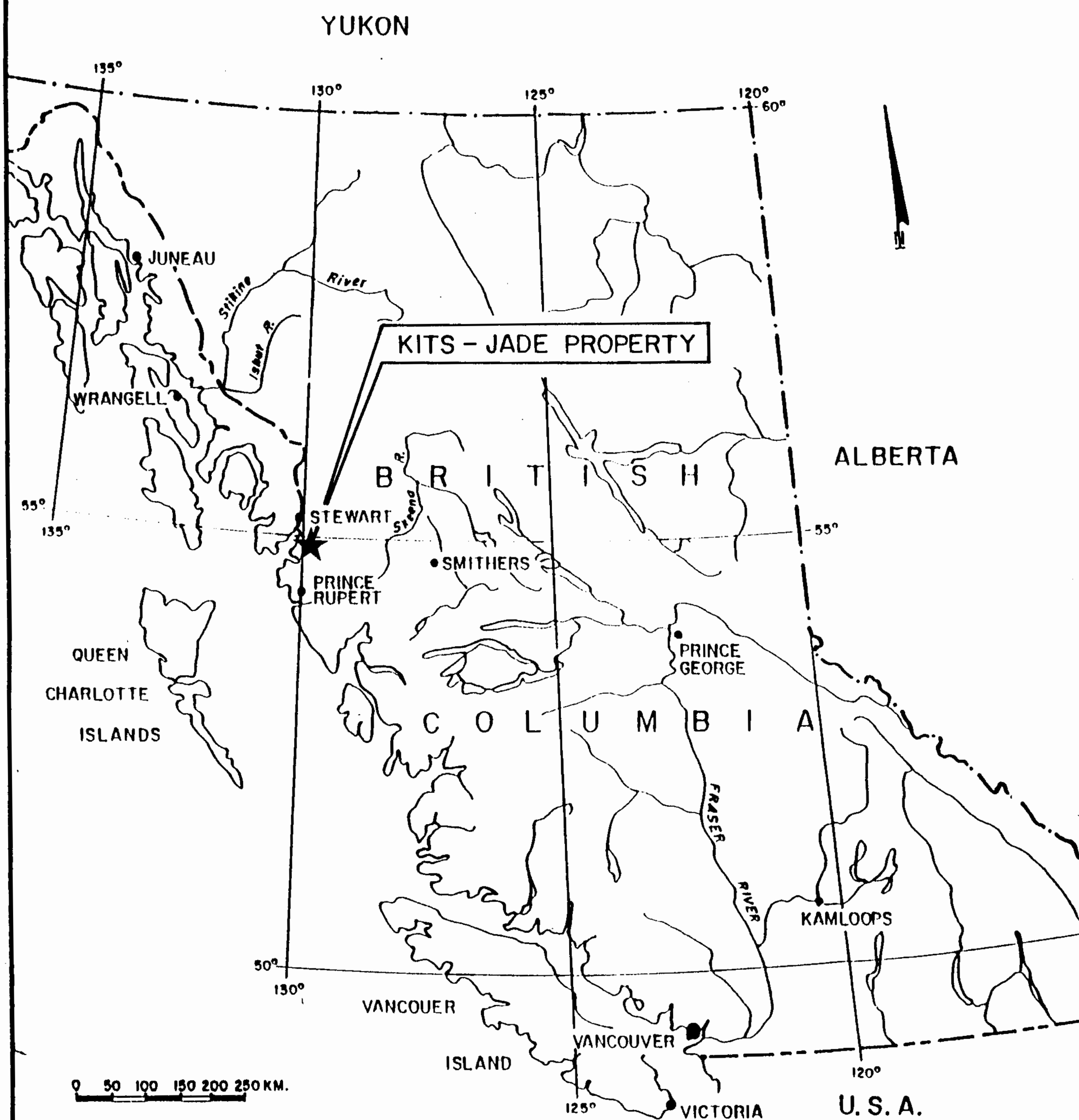
The Kits-Jade joint venture project is located approximately 40 kilometres southeast of Stewart, B.C. (Figure 1) and extends 20 kilometres from Kitsault Lake to the southeast of Kinskuch Lake (Figure 3). Tidewater is only 30 kilometres to the south along the Kitsault River valley at Alice Arm where the abandoned town of Kitsault is located. The claims are located on NTS maps 103P/11, 12E, 13E and 14W between latitudes 55°35'N and 55°50'N, and longitudes 129°13'W to 129°32'W.

Access into the area is limited to float plane or helicopter. Fixed wing aircraft flights generally originate in Smithers 180 kilometres to the southeast. Stewart, Alice Arm or Meziadin Lake, 35 kilometres northeast, provide good intermediate staging areas that are accessible by road. Aside from Kitsault Lake, Kinskuch and Jade Lakes could also accommodate a float plane, although access around the property generally requires a helicopter. Helicopter bases are located in Stewart, Smithers and on a seasonal basis at a logging camp on Highway 37 just south of Meziadin Lake.

The Kitsault River valley road which serviced the Dolly Varden Mine extends from Alice Arm to within 5 kilometres of Kitsault Lake. This road requires extensive repairs. Recent logging activity in the Kinskuch River valley created road access to within 10 kilometres of the eastern property boundary.

4.0 PHYSIOGRAPHY

The Kitsault area is characteristic of the rugged coastal topography and climate common to British Columbia. Elevations on the property range from 1500 feet (450 metres) to 6500 feet (2000 metres) and with the exception of the gentle sloping, bluffy ground just south of Kitsault Lake, it is



PROPERTY LOCATION MAP

Figure 1

KEEWATIN ENGINEERING INC.

generally steep, precipitous and deeply incised by large glacier fed creeks and rivers. The taller peaks surrounding the entire area are glacier covered. The glaciers have receded significantly in recent years. Roughly 5% of the property is glacier covered. Numerous creeks and small lakes occur over most of the property.

Vegetation within the property package varies greatly with elevation. The larger drainages and lower elevations are heavily wooded by spruce, fir and hemlock and not uncommonly snarled by alders, willows, blueberry bushes, huckleberry bushes, and devil's club. Treeline ranges between 3,500 and 4,500 feet (1,050 to 1,400 metres) above which only sparse balsam fir can be found. Large areas of glacially scoured bare rock can be found adjacent to the numerous icefields.

The climate is coastal with abundant rainfall occurring between June and October. Snow accumulations throughout the winter months can exceed 20 feet. Access into the area is often hampered by low cloud and foul weather.

5.0 CLAIMS AND OWNERSHIP

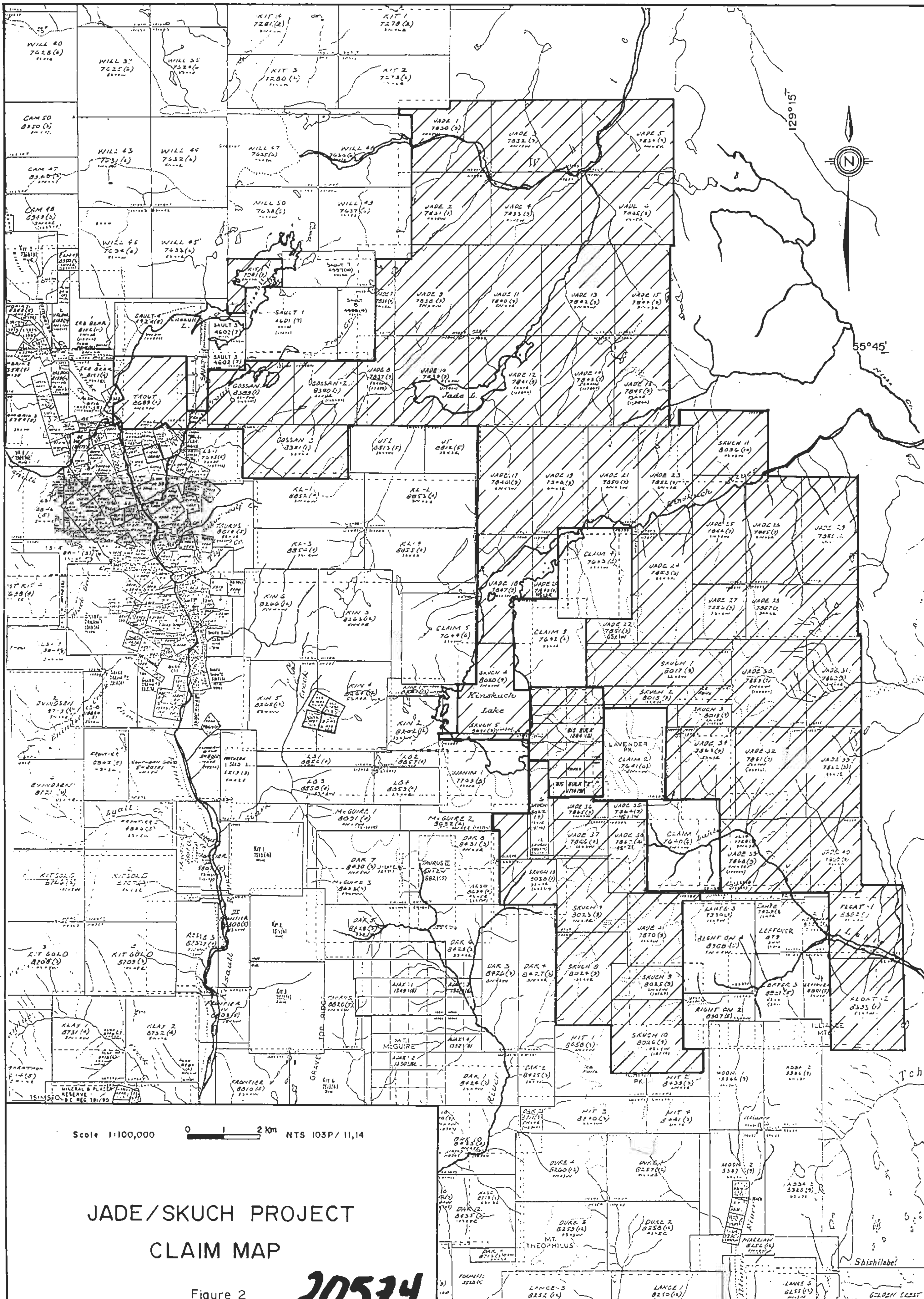
The property is made up of 67 claims comprising 964 units. All claims are located within the Skeena Mining Division. The status of the claims can be divided into three divisions based upon acquisition and ownership (Figure 2).

Trout Option

The Trout claim is subject to an option agreement between the Joint Venture group and Mr. Charles Kowall of Whaletown, B.C. The claim was originally named the Pacific Silver, but was restaked in March of 1990 as the Trout.

Claim Name	No. of Units	Record No.	Record Date	Expiry Date
Trout	16	8689	March 17, 1990	March 17, 1991

The terms of the option include annual payments to a total of $340,000.00 that begin with $10,000 in 1989 and increase by amounts prescribed in the contract, plus a 3% N.S.R. The joint



JADE/SKUCH PROJECT
CLAIM MAP

Figure 2

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venture group is entitled to 100% legal and beneficial interest in the property. No peripheral area of interest was identified.

Big Bulk Option

The Big Bulk and Big Bulk 2 claims were optioned by the Joint Venture group from Mr. Wayne Livingstone of Reno, Nevada in May of 1990.

Claim Name	No. of Units	Record No.	Record Date	Expiry Date
Big Bulk	16	1284	May 14, 1979	May 14, 1992
Big Bulk 2	6	1714	September 17, 1979	September 17, 1992

The Big Bulk group is subject to annual advance royalty payments of $10,000.00 in the first two years, and $20,000 each year thereafter until production; all to be credited against a 3% N.S.R.

The Kit, Jade, Skuch, Frog and Gossan Claims

The Kit and the Jade 1 to 41 claims comprise 663 units that were staked for the Joint Venture group in early September of 1989 by contract staker J. Hobson of Smithers, B.C. The Jade 20, 22, 35 and 38 have been reduced by a total of 50 units because they overlapped prior claims. The Skuch 1 to 11 and the Frog 1 to 4 claims (144 units in total) were staked by Keewatin field crews in September and October of 1989. The Gossan 1 to 3 and the Float 1 and 2 comprise 90 units and were staked in January of 1990 by contract staker A. Dupras of Penticton, B.C. The Skuch 12 and 13 total 21 units and were staked by Keewatin field crews in July of 1990. These claims are held 100% by the Joint Venture and are subject to no financial obligation other than government assessment requirements. Particulars regarding these claims are as follows:

Claim Name	No. of Units	Record No.	Record Date	Expiry Date
Kit 1	9	7981	September 5, 1989	September 5, 1994

Claim Name	No. of Units	Record No.	Record Date	Expiry Date
Jade 1	20	7830	September 1, 1989	September 1, 1993
Jade 2	20	7831	September 1, 1989	September 1, 1993
Jade 3	20	7832	August 31, 1989	August 31, 1993
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Total	**964 Units**			

All claims are four post mineral claims with the exception of the Frog 1, 3 and 4 claims which are two post claims. The Frog 1 to 3 were staked to cover a suspected gap of up to 100 metres in width between the Sault 5 and the Trout claims. The Skuch 9 and 10 had been previously plotted by the Mining Recorder's office to be much farther north than they occur in the field. This misplot was corrected and the claims are now accurately located on the government claim maps.

The Skuch 12 and 13 claims located by Keewatin in July of 1990, were previously located by a third party during May of 1990. This did not become known to Keewatin crews until late in the season when the Skeena Mining Recorder's office finally caught up on its claim map plotting. However, the prior dated Taurus II claim was not located in the position shown on the government claim maps. The Taurus II claim is actually located more than one kilometre west of the government plot. This has been established by the locating of the Taurus II Legal Corner Post by Keewatin crew members on a ridge west of the position the original staker (Mr. J. Ruza) has indicated on his location map. As a result, the ground claimed by the Skuch 12 and Skuch 13 claims was open at the time of staking, and the area of the Midnight Blue Cu-Au showing rightfully belongs to the Kits-Jade Project Joint Venture group.

The Sault Group

The Sault claim group, optioned in 1989 from Mr. J.R. Woodcock of North Vancouver, B.C., has been terminated by the Joint Venture group as of September 19, 1990. Limited work was completed on the claims in 1990.

The option agreement with Woodcock involves a two kilometre perimeter area of interest which would include all of, or portions of, the Trout option, the Frog 1 to 4, the Kit 1, the Jade 2, the Jade 7 to 10 and the Gossan 1 and 2 claims. Obligations to J.R. Woodcock with regard to these claims are dependent upon future commercial production only.

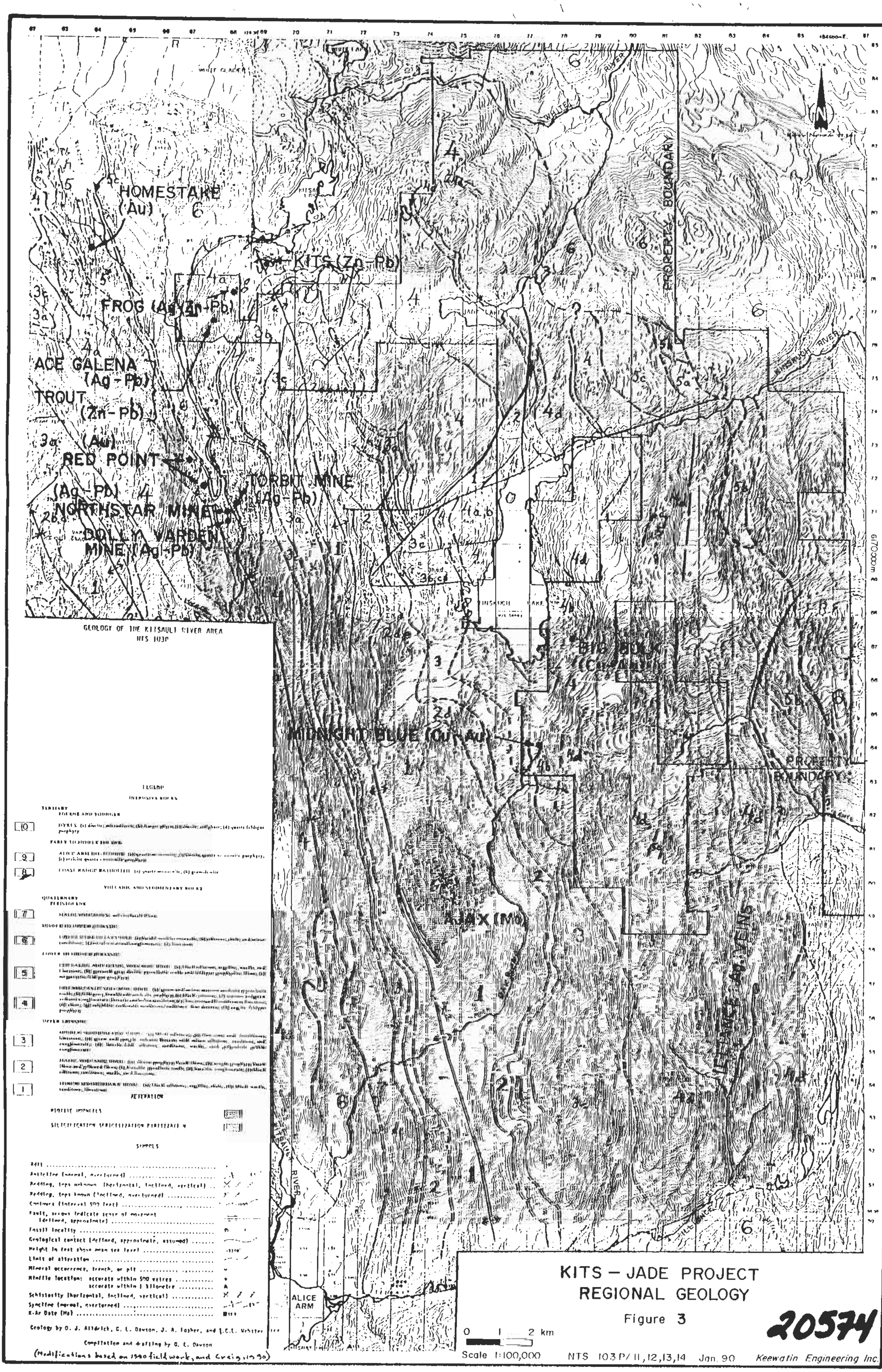
The Sault claims are described below:

Claim Name	No. of Units	Record No.	Record Date	Expiry Date
Sault 1	20	4601	July 25, 1984	July 25, 2000
Sault 3	6	4602	July 25, 1984	July 25, 2000
Sault 4	15	4924	August 26, 1985	August 26, 2000
Sault 5	3	4925	August 25, 1985	August 27, 2000
Sault 7	10	4997	August 17, 1985	August 17, 2000
Sault 8	8	4998	August 17, 1985	August 17, 1990

6.0 HISTORY

The Kits-Jade project area has been explored sporadically since the turn of the century when rich silver bearing outcroppings were first discovered and the Dolly Varden silver camp was established along the banks of the Kitsault River (Figure 3).

The Dolly Varden, North Star and Torbit stratiform volcanogenic Ag-Pb-Zn deposits (Devlin, 1987) have long been the major focus of mining and exploration activity in the area. The Dolly Varden and North Star mines produced 1.3 million ounces of silver (40.4 million grams) from 1919



KITS – JADE PROJECT
REGIONAL GEOLOGY

Figure 3

to 1921, and the Torbit produced 18.6 million ounces silver (579.4 million grams) and 11.0 million pounds of lead (5.0 million kilograms) between 1949 and 1959 (Devlin, 1987). In more recent years, Dolly Varden Minerals Inc. has outlined significant additional proven, probable and possible reserves of 1.5 million tons (1.3 million tonnes) with 14.2 million ounces (441.6 million grams) contained silver at the Dolly Varden, North Star, Torbit and Wolf deposits (Devlin, 1987). During 1990, Dolly Varden Minerals Inc. conducted a 23,250 foot (7,087 metre) drill program testing targets along the trace of the Dolly Varden mineral horizon. No economic grades of mineralization were obtained (Vancouver Stockwatch, August 10, 1990). Numerous minor silver vein occurrences also dot the Kitsault River Valley, including the Wolf deposit just north of the Torbit mine.

Gold exploration has been largely centred along the highly visible rusty gossanous "Copper Belt" that extends for 14 kilometres along the west bank of the upper reaches of the Kitsault River. The Copper Belt is host to abundant, but variably mineralized gold-silver veins and zones of disseminated copper. Prior to 1939, 36 ounces (1,120 grams) of gold was produced from 9 tons (8.2 tonnes) of presumably hand cobbed ore from the Homestake Ridge showings (Black, 1951). In 1989, Noranda Exploration Co. Ltd. completed a 10,000 foot drill program along the Homestake trend, testing both the high-grade gold vein potential, as well as the low-grade, bulk tonnage Cu-Au potential. Noranda conducted a limited geological mapping and geochemical sampling program in 1990, and have since dropped their option with the property holder, NDU Resources Ltd. of Vancouver, B.C. Dolly Varden Minerals Inc. also conducted a large drill program along Red Point and the Red Point Extension in 1989. In spite of samples assaying up to 0.452 oz/ton Au over 6.4 feet (15.50 g/t over 1.95 metres), Dolly Varden was apparently discouraged by sporadic and generally uneconomic results. During 1989, two new discoveries were made by Bond International Gold in Hazelton Group rocks 25 kilometres to the north of the property area. The Red Mountain discovery at the headwaters of Bitter Creek consists of two zones; the Marc and Brad, which intersect each other on surface. The best drill intersection yielded 216 feet of 0.28 oz/ton Au and 1.4 oz/ton Ag (66 m of 9.88 g/tonne Au and 49.29 g/tonne Ag). A second discovery at the headwaters of Willoughby Creek; 6 kilometres to the east across the Cambria Icefield produced a drill intersection of 67 feet grading 0.73 oz/ton Au and 5.3 oz/ton Ag (20.5 m of 24.98 g/tonne Au and 184.21 g/tonne Ag) (Northern Miner, October 9, 1989). No new information about these new discoveries has been released.

Molybdenum mineralization associated with Eocene intrusives in the area led to extensive exploration efforts beginning in 1965. The Lime Creek deposit 5 kilometres east of Alice Arm was mined by Kennco Explorations (Canada) Ltd. and B.C. Moly Corp. between 1967 and 1972. Amax of Canada Ltd. milled 4.5 million tons (4.1 million tonnes) of the 10.2 million tons (9.3 million tonnes) of stockpiled ore to produce 23.2 million pounds (10.5 million kilograms) of molybdenum during 1981 and 1982 (B.C. Minfile 103P-120). The mine and mill and Kitsault townsite are now closed indefinitely. The Ajax deposit located on Mount McGuire just southwest of the Jade-Skuch claims has a drill defined reserve of 1,162.0 million tons (1143.7 million tonnes) grading 0.09% molybdenum (Dawson and Alldrick, 1986), making it the largest undeveloped reserve of molybdenum in the province.

The Anyox stratiform massive sulphide Cu-Ag-Au deposits located at the head of Observatory Inlet 45 kilometres to the southwest of the property produced 24.7 million tons (22.4 million tonnes) that averaged 1.5% Cu, 0.27 oz/ton Ag (9.25 g/tonne), 0.05 oz/ton Au (1.7 g/tonne), and less than 0.5% combined Pb and Zn. Selenium was also produced as a by-product (Grove, 1986). The mine and smelter complex was operated by Grandby from 1914 to 1935. Reserves calculated by Cominco, the present owners, are 49 million tons (44.4 million tonnes) of 0.65% Cu.

The Trout claim and the Frog 1 to 4 claims overly the Ace-Galena showings and the Summit-Yukon showings respectively. The Summit-Yukon silver-rich galena-sphalerite breccia veins were first explored by trenches and adits in 1919. Prospecting and trenching continued in 1922, 1924, 1930-34 and 1949-50. The Ace-Galena silver-rich galena-tetrahedrite shear hosted veins were found in 1929 and between 1930 and 1934, a few short adits and numerous open cuts were excavated to better expose the mineralization. The Ace-Galena veins were drilled in 1951 by Transcontinental Resources Ltd. (8 holes), and in 1963 and 1968 by Silver Butte Mines Ltd., (5 and 8 holes respectively). Reported assay grades vary considerably from grab samples of 107.9 oz/ton Ag (3,698.7 g/tonne; 90ZF-14) to more commonly 35.0 oz/ton Ag over 10 feet (1,062 g/tonne, 3.29 metres; Carter, 1968). Limited prospecting and sampling was undertaken on the claims in 1989. In 1990, 12.6 kilometres of grid was cut. Ten point five kilometres of Mag/VLF and 6.1 kilometres of Max/Min geophysical surveys were conducted. One hundred and twenty seven 127 rock samples, 51 stream silt samples, 14 off-grid soil samples and 1,015 grid controlled soil samples were collected. Thirty samples were taken from old core found on the property. Six old trenches were re-opened and three new trenches were excavated (including the West End Showing). The 1990 work has led to the discovery of the more significant stratiform Zn-Pb-Ag rich Trout horizon.

The Big Bulk copper showings along the southeast shore of Kinskuch Lake have been known since they were first prospected in the 1930's. During 1955 and 1956, fourteen AX diamond drill holes totalling 6,300 feet (1,920.3 metres) and over eleven packsack drill holes totalling 1,464 feet

(446.2 metres) were completed by Northwestern Explorations Limited of Vancouver, B.C. The ground was acquired by Forrest Kerr Mines Ltd. in 1965; at which time geological mapping, Mag and I.P. surveys, and 1,247 feet (380.1 metres) of diamond drilling were completed. Cyprus Exploration Corporation Ltd. optioned the property in 1966 and conducted a geological mapping, geochemical sampling and diamond drilling program (Carter, 1966). Kerr Addison Mines Ltd. optioned the property in 1970 and conducted limited Mag and I.P. surveys, and drilled two diamond drill holes (Sirola, 1970). The property was not worked again, and in 1979 the claims lapsed. The property was subsequently restaked as the Big Bulk by K.W. Livingstone. Prism Resources then optioned the property, working on a zone to the north over which a detailed geological map was made and numerous chip samples were taken. The best sample assayed 0.715% Cu and 0.051 oz/ton Au over 43 feet (1.75 g/tonne over 13 metres) (Cavey, 1980). In 1982, Procan Resources took up the option and drilled five diamond drill holes totalling 2,899 feet (883.7 metres) on the zones identified by the 1980 work (Livingstone, 1982). The property was idle until 1990 when the Oliver-Aber-Tanqueray joint venture group acquired the option from Mr. Livingstone and began a detailed prospecting and geochemical sampling program. No grid was established, but numerous contour soil and rock chip lines were completed. A total of 167 rock samples, 57 soil samples and 20 silt samples were collected.

The Midnight Blue area at the headwaters of the Dak River, only three kilometres south of Kinskuch Lake, is not described in any mineral reports or inventories of the area. Chalcopyrite mineralization is outlined on a geological map of the area that is part of a 1957 Masters Thesis (Gale, 1957). Evidence of an old camp was found in the area, but no record of work can be found. Numerous Pb-Zn veins occur just south of the area and have been the subject of a variety of claim staking programs in the recent past. The Midnight Blue area was staked in July of 1990 by Keewatin crew members for the Joint Venture group. Initial prospecting produced a single float sample (90EEF-57) that assayed 0.111 oz/ton Au (3.81 g/tonne). This result led to more detailed soil sampling prospecting and trenching. A total of 34 rock samples, 88 soil samples and 6 silt samples were collected.

The first Sault claims were staked in 1984 by J.R. Woodcock to cover a barite-realgar showing that Woodcock and N. Wynchopen located in 1966. Cominco optioned the claims between 1984 and 1989 and completed a variety of geological, geochemical and geophysical surveys, and drilled 4,188.4 feet (1,269.2 metres) in eight holes (Woodcock, 1985a, 1985b; Blackwell, 1986a, 1986b; Jackish, 1987; MacRobbie, 1989). Aber Resources Ltd. and Oliver Gold Corporation optioned the Sault claims in September of 1989 from J.R. Woodcock. Geochemical sampling, prospecting and a further 3,275 feet (992 metres) of drilling was completed. Minimal work was done on the Sault claims in 1990. The West End Showing was re-trenched, mapped and sampled, and the bottom of hole K89-11 was re-logged and sampled.

The Jade and Skuch claims were staked between August and October of 1989 to cover favourable geology extending east and south from the Kits option along roughly 20 kilometres of strike length. Numerous mineralized structures exist east and south of Kinskuch Lake, but unfortunately were previously staked. Several rich silver vein occurrences in the Illiance River valley to the south, and the upper tributaries of Lahte Creek have been repeatedly prospected, trenched, drifted into and drilled since the early 1900's. Assay values are commonly in the range of 38 oz/ton Ag (1337.0 g/tonne), 19.9% Pb, 30.0% Zn and 0.36% Cu across a 2.0 foot (0.6 metre) width (B.C. Minfile 103P-140). The entire Jade-Skuch belt has been the subject of numerous regional reconnaissance geochemical surveys including Newmont (1967) and Cominco (1985). Geological Survey of Canada Regional Geochemical Survey coverage was also conducted in 1978. The Jade and Skuch claim group were prospected and rock, soil and stream geochemically surveyed on a regional scale in 1989 by Keewatin crews. During 1990, the areas highlighted by the 1989 work were evaluated in more detail, and the areas not previously examined were prospected and geochemically surveyed. A total of 197 rock samples, 160 soil samples and 259 silt samples were collected.

7.0 REGIONAL GEOLOGY

The Kits-Jade project area, within Stikinia terrain, is underlain by Lower to Middle Jurassic volcanic rocks of the Hazelton Group at the western margin of the Intermontane Tectono-stratigraphic Belt (Figure 3). The Hazelton Belt is bound to the west by the plutonic complexes of the Early Eocene Coast Mountain Range, and the east by the thick Middle to Upper Jurassic Bowser Basin sedimentary package. Recent work completed by the Geological Survey of Canada identifies Upper Triassic Stuhini Group rocks in the Kitsault River area, immediately west of the Kits-Jade project area.

The rocks of the Kitsault River area represent repeated periods of largely marine, clastic and volcanic deposition on both a regional and local scale. The area was originally considered by Black (1951) and Alldrick and Dawson (1986) to be underlain by Lower Jurassic Hazelton Group rocks that they subdivided on a regional scale into a lower siltstone predominated sedimentary unit (Unit 1), a lower basaltic volcanic and lesser sedimentary unit (Unit 2), a middle sedimentary unit (Unit 3), an upper intermediate volcanic unit with repeated limy clastic horizons throughout (Unit 4), and an upper epiclastic and felsic volcanic unit, which thins or is locally not present within the lithological sequence (Unit 5). Well exposed in structural depressions around the margins of the area are predominantly fine black marine clastics (Unit 6) which may represent the rocks at the base of the Bowser Basin as indicated by the abundance of Middle to Upper Jurassic marine fossils. Contacts between Units 1 and 5 are broadly conformable, while the base of Unit 6 appears disconformable as represented by accumulations of Unit 5 conglomerates above the contact. Work by Grove (1970) identified Unit 6 as it is shown north of Kitsault Lake as Salmon River Formation of the Hazelton Group.

The area is now the subject of a Ph.D. Thesis sponsored by the G.S.C. The work completed this past field season by Charles Greig, east and northeast of Kinskuch Lake contradicts much of Alldrick's map and stratigraphic section. Based upon limited fossil identifications and stratigraphic correlations, Greig has mapped Alldrick's Units 1, 2 and 3 as members of the Upper Triassic Stuhini Group, and has positively identified thin bedded pyritic to laminated siliceous siltstones at the base of the Bowser Lake Group (Unit 6) as the Salmon River Formation. Greig's initial work also considerably enlarges Unit 4 and reduces Unit 5. This is due to the inclusion of the epiclastic component of Alldrick's Unit 5 with the maroon and green massive andesite lapilli tuff-breccias of Unit 4. Only locally has the more heterogeneous and typically more felsic volcanic rocks of Unit 5 been mapped along the eastern margin of the belt.

Mapping by Keewatin field geologists also shows the contact between Unit 4 volcanics and Unit 6 sediments to be considerably east of Alldrick's contact in the area immediately east of Jade Lake.

Within Unit 4, a regional scale northwest-southeast trend of quartz-carbonate-sericite-chlorite-pyrite alteration known as the "Copper Belt" extends 11 kilometres along the western bank of the Kitsault River and is associated with synvolcanic andesitic pyroclastics and flows or shallow sills. A similar "belt" exists at the south end of Kinskuch Lake (Big Bulk and Midnight Blue) where porphyritic andesite flows and tuffs variably display albite, chlorite, sericite, carbonate and epidote alteration.

Structure in the area is not fully understood. Alldrick (1986) worked with a fairly simple concept of large, regionally fold repeated sequences extending in parallel northwest-southeast trends. Greig (1990) could not find evidence of the same degree of shortening that is exhibited in the younger Bowser Lake Group rocks in the underlying rocks of Hazelton or Stuhini Groups. Greig states the following:

Shortening evident in the Bowser Lake Group is not expressed in the Salmon River Formation, which forms a northeast dipping homoclinal sequence beneath the Bowser Lake Group. Shortening must therefore have taken place within structurally lower rocks of the Hazelton and Stuhini Groups, or along a detachment between the Bowser Lake Group and the Salmon River Formation. The former alternative is preferred, but given the massive nature of Stuhini and Hazelton Group volcanic rocks, it is probable that shortening was accommodated primarily by faults rather than by folds.

The antiform structure outlined by Alldrick as plunging northwest at Kitsault Lake is outlined by the Bluebird structure which closely sub-parallels bedding.

Faults are generally high angle and normal in movement. At least two fault sets are present, and many exhibit multiple episodes of activity (Campbell, 1959). Regional metamorphism is sub-greenschist facies in grade.

7.1 Regional Economic Geology

Mineral deposits in the area can be subdivided into four main types: stratiform Ag-Pb/Zn-Pb-Ag massive sulphide; structurally controlled Ag-Pb veins; alkaline porphyry associated Cu-Au; and quartz monzonite porphyry associated Mo.

Stratiform Massive Sulphides: Deposits of the Dolly Varden Ag-Pb camp are the most economically significant in the Kitsault area to date. They were earlier interpreted by Campbell (1959) to be mesothermal to epithermal veins controlled by fold generated fault structures. Recent work in the area by Devlin (1987) concludes that the deposits have originated as a single stratiform volcanogenic massive sulphide horizon that have since undergone faulting and are locally remobilized as replacements or vein deposits. Stratigraphically conformable volcanogenic-sedex sulphide-sulphate mineralization associated with carbonate mudstones also occur at the Kit and Trout occurrences roughly 8 and 5 kilometres respectively along strike within the same unit. The Kit occurrence is considered to host substantial reserves of strontium sulphate, although impure in quality and too remote to be marketable.

Veins: The Wolf deposit and numerous other Ag-Pb prospects in the Kitsault, Dak River and Illiance River valleys exhibit structurally controlled, discontinuous and cross-cutting replacement and vein type mineralization. Other prospects include the Ace-Galena, Frog and Illiance River silver veins.

Alkaline Porphyry Copper-Gold: The Kitsault River area also hosts disseminated copper-gold mineralization within Unit 4 in association with the Copper Belt alteration zone. Mineralization consists of disseminated and stringer vein controlled pyrite and chalcopyrite with associated sporadic gold and minor galena and sphalerite. The Homestake and Red Point prospects are typical of this type of mineralization, although no deposits of economic significant have been reported. At Kinskuch Lake, porphyritic andesite flows and tuffs, and minor dykes or sills of hornblende diorite host disseminated Cu-Au mineralization.

Quartz Monzonite Porphyry Molybdenum: Bulk tonnage, low grade molybdenum mineralization exists in association with the Eocene Ajax and Alice Arm quartz monzonite stocks within both Units 1 and 6 to the south of the area.

8.0 PROPERTY GEOLOGY

The Kits-Jade project area lies along the northern and eastern exposures of the Lower to Middle Jurassic Hazelton Group in the Kitsault River area.

8.1 Trout Area Geology

The area is bound to the west by the Kitsault River and is bisected by Bluebird Creek, 1.5 miles (2.5 kilometres) southwest of Kitsault Lake. The stratigraphy is very similar to that of the adjacent Kit area (MacRobbie, 1988; Tupper, 1990) which is along strike to the northwest (Figure 10). The stratigraphy consists of a footwall andesite package, a Zn-Pb-Ag enriched host carbonate package and a hangingwall andesite/basalt package (Figure 4).

The Trout area footwall consists of a generally red-maroon feldspar-rich quartz-eye andesite breccia with green feldspar-rich fragments. Minor fine grained green or maroon shard tuffs, flattened lapilli tuffs and volcaniclastic sandstones are also found.

In the Trout area, the carbonate package consists of dark black to grey siltstone/mudstones, carbonate diamictite, sulphidic carbonate diamictite, carbonate sulphide laminate (found in old drill core) and local red jasperoid. The Trout Zn-Pb-Ag occurrence and Kit Zn-Pb-Ag-Sr-Ba occurrence (MacRobbie, 1988; Tupper, 1990), are considered to be lateral stratigraphic equivalents to be referred to as the Kit-Trout horizon. This horizon laterally thickens to the southwest to a well laminated, locally calcareous siltstone.

LEGEND
Kitsault Stratigraphic Column

Intrusive Rocks

HbFP — **Hornblende-Feldspar Porphyry:** black amphibole and/or zoned euhedral to anhedral feldspar porphyry dykes and sills(?) (possibly related to units 11(a) and 9(d)).

Lamp — **Lamprophyre Dyke:** grey to black feldspar minor hornblende dyke.

14 — **Mineralized Veins:** (a) Ace Galena Vein - massive fine grain galena, minor sphalerite; (b) Frog-Summit Veins - disseminated to massive sphalerite, minor galena breccia veins (hosted in Footwall Volcanic package);

13 — **Bluebird Structure/Vein:** quartz breccia vein.

Middle-Upper Jurassic
BOWSER GROUP

Upper Sedimentary Unit

12 — **Fossiliferous Sediments:** arenaceous wackes, mudstone, debris breccia

Pre-Middle Jurassic
HAZELTON GROUP

11 — **Maroon Hangingwall Andesite/Basalt:** (a) dark green to maroon, magnetic lapilli-ash, ash, lapilli, tuff, minor tuff breccia and amygdaloidal flow; feldspar (± hornblende) porphyry; (b) sulphidic ash tuff.

10 — **Hangingwall Diamictite:** black, calcareous mudstone.

9 — **Green Hangingwall Andesite/Basalt:** (a) pale green ash, lapilli-ash, lapilli tuff; interlaminated chert, limestone and epiclastic components; (b) accretionary lapilli tuff (marker) and interlaminated epiclastics; (c) lapilli tuff marker; (d) zoned feldspar (± hornblende) porphyry; (e) sulphidic ash tuff.

Carbonate (Sub-basin) Package

8 — **Lithic Breccia**

Trout Zone

7 — **Carbonate Host:** (a) dark black to grey siltstone/mudstone; (b) carbonate diamictite; (c) sulphidic carbonate diamictite; (d) carbonate sulphide laminate; (e) red jasperoid bed.

Kit Zone

7 — **Upper Carbonate Laminate Host:** (a) carbonate/sulphate laminate; (b) pink carbonate siltstone; (c) carbonate/sulphate/sulphide laminate; (d) sulphidic carbonate/diamictite; (e) carbonate mudstone/laminate limestone; (f) red jasperoid bed

6 — **Middle Andesite Volcaniclastic Package:** (a) green tuff/chert cycles; (b) andesite dacite ash, lapilli-ash tuff; (c) accretionary lapilli tuff (hole K89-11).

5 — **Lower Carbonate Laminate:** (a) carbonate/sulphate laminate; (b) carbonate/sulphate/sulphide laminate; (c) carbonate diamictite; (d) sulphidic carbonate diamictite

Footwall Volcanics

4 — **Andesitic Crystal Tuff:** (a) ash, lapilli ash tuff; green feldspar (± quartz eye) crystal-rich ash, lapilli-ash tuff.

3 — **Felsic Volcanics:** (a) pale green grey to white massive feldspar-quartz crystal flow; (b) lapilli tuff/agglomerate.

2 — **Andesitic Tuff:** (a) red-maroon to dark green, locally magnetic crystal-rich tuff, lapilli-ash tuff; (b) medium green massive bedded lapilli, lapilli ash tuff; (c) medium to thin bedded locally feldspar crystal-rich ash tuff.

Lower Sedimentary Unit

1 — **Footwall Sediments:** (a) grey to black wacke; (b) mudstone; (c) conglomerate.

Keewatin Engineering Inc.

The Trout area hangingwall is comprised of a green andesitic lapilli tuff with minor epiclastic components, and a thicker maroon and dark green andesitic/basaltic lapilli tuff. Both units are locally feldspathic and they are considered to be variations of the same eruptive sequence that was deposited under changing conditions (possibly subaqueous to subaerial, respectively).

Following the northeast-southwest trending Bluebird Creek is the Bluebird vein/structure that is comprised of the Bluebird Fault and the Bluebird vein. Movement along the Bluebird Fault has occurred a number of times at various orientations. Slickensides on both the footwall and hangingwall indicate oblique (normal and left lateral) movement. The structure strikes approximately azimuth 020° and dips 50° to the northwest sub-parallel to bedding. The vein is a 30-90 foot (10-30 metres) wide weakly pyritic quartz breccia vein which parallels the fault and can be traced from an elevation of 2,380 feet (742 metres) on the creek to the West End Showing, 1.25 miles (2.5 kilometres) to the northwest. Just footwall to the Bluebird vein/structure and parallel to it, at an elevation of 2,500 feet (760 metres), is the Ace-Galena Ag-Pb shear vein. Also, minor red jasperoid beds were observed overlying the carbonate host rocks.

Basic dykes post-date sedimentary and volcanic rocks. Alteration in the zone consists of moderate silica, clay and pyrite mineralization in the footwall andesite package.

Structurally, the property is predominantly a large open northwest plunging anticline near Showing Lake cut by two main sets of normal faults. In the Trout area, the downthrown hangingwall andesites occur west of the Bluebird structure and the upthrown footwall andesites occur east of it, as a result of their relative movements. A thin wedge of the carbonate unit occurs just east of the structure (Figure 5).

8.1.1 Trout Zone Mineralization

The carbonate hosted Kit-Trout horizon outcrops along Bluebird Creek (Figure 4) below an elevation of 2,820 feet (879 metres). In the Trout area, the horizon is primarily comprised of a dark black to grey siltstone/mudstone package that is locally calcareous. The sulphide carbonate diamictite, which outcrops in trenches 8 and 9 (Figure 4), is made up of a calcareous silty matrix containing angular fragments of siltstone, mudstone and minor iron, lead and zinc sulphide. Clasts ranging from 1-5 mm of galena, minor sphalerite and pyrite are contained within a highly calcareous mudstone. Secondary greenockite and hydrozincite alteration are common along fractures. Arsenopyrite crystals (<1 mm) were also found disseminated throughout much of the diamictite. The diamictite is overlain in the area of Trench 9 (Figure 4), by a 20 cm thick red jasperoid bed. Drill core from previous drilling was found to contain unsampled sections of thinly laminated sulphide/sulphate. This unit was not found at surface in the Trout Zone, but presumably occurs in the area of Trench 8. Carter (1968) reports that the area was tested by seven holes. Samples of the unsplit core taken in 1990 returned assays in the order of 0.90 oz/ton Ag, 0.84% Pb and 0.66% Zn over 13 feet (4 metres) including 6.5 feet (2 metres) of 1.26% Pb, 0.34% Zn and 1.35 oz/ton Ag (D34967-D34970).

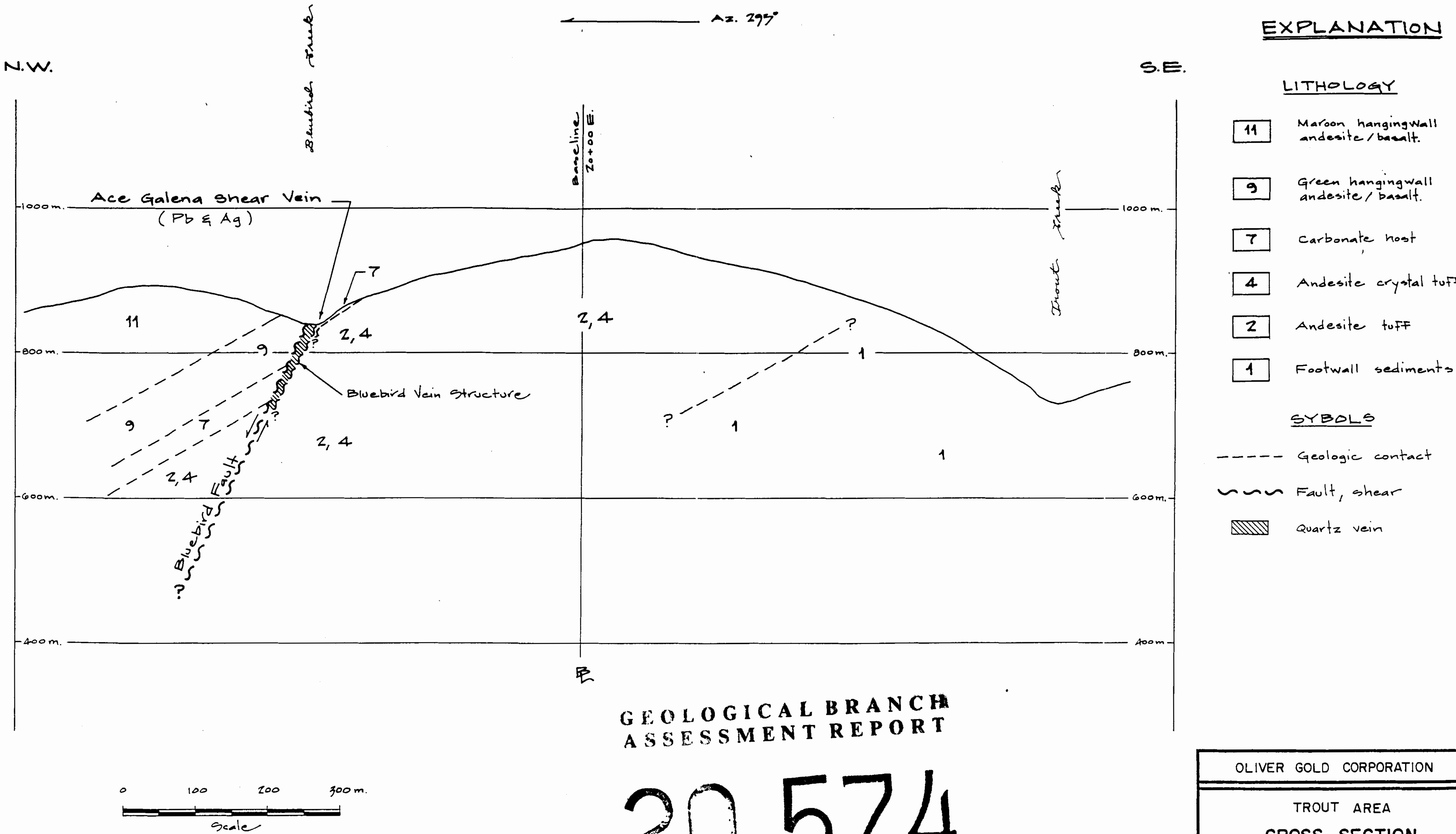
The mudstone breccias or diamictites represent turbidites or debris flows that are related to a tectonically active basin. The bedded sulphide/sulphate indicate that the area is proximal to the source. These factors indicate good potential for stratiform sulphide (sedex) mineralization in the Trout Zone in the untested down dip extension (Figure 5).

The Kit-Trout horizon is postulated to be a laterally displaced, vertical or lateral equivalent of the Dolly Varden deposits.

8.1.2 Ace Galena Mineralization

The Ace Galena showings are exposed in two trenches (6 and 10) (Figure 4) between 2,300 and 2,600 feet (700 and 800 metres) elevation within 50 feet (15 metres) of the footwall of the Bluebird vein. Stringers of massive fine grained galena including sub-rounded rock fragments and coarse highly strained galena fragments, cut bleached pyritic tuff. Drilling by previous operators has failed to establish lateral and vertical continuity between the trench exposures which extend along 500 feet (150 metres) of strike. Samples range up to 56 oz/ton Ag (1,920 g/tonne) and 10.0% Pb over 46 inches (1.16 metres) (Black, 1951). An exposure of bleached tuff 600 feet (180 metres) southeast (Trench 5) of Bluebird Creek, cut by narrow shears weakly mineralized with galena, pyrite and tetrahedrite assayed up to 31.0 oz/ton Ag (1,063 g/t), 0.64% Pb, 0.20 Cu and 0.04% Zn over a 4 foot width (1.2 metres). The low lead values suggest silver is present in native form (B.C. Min. M.E.P.R., 1968). It is postulated that the Ace-Galena shear veins are the result of remobilization of galena mineralization from the Kit-Trout horizon along axial planar shearing.

Sampling carried out during 1990 fieldwork returned assays in the order of 28 oz/ton Ag, 6.45% Pb over 3 feet (0.9 metre) (90EEC21). Grab samples assayed up to 108 oz/ton Ag, 0.9% Pb (90ZF14) and 49 oz/ton Ag with 39% Pb (90ZF4). The silver values appear to indicate that native silver is present in some of the samples.



OLIVER GOLD CORPORATION

TROUT AREA

CROSS SECTION
23+00N.
LOOKING 024°

DATE: Sept. 90	NTS: 103 P/12
PROJECT:	PROJ. GEOL.: O. Tupper
SCALE: 1:5000	
Keewatin Engineering Inc.	MAP No. 5

8.1.3 Frog Mineralization

The Frog mineralization occurs along north striking linears 650 feet (200 metres) east of the Bluebird fault. Irregular galena sphalerite stringers infill around bleached sericitic to chloritic tuff breccia fragments. Grab samples of the narrow mineralized zones returned assays of 3.2 oz/ton Ag, 2.07% Pb, 5.97% Zn (90052ZR49). Gold was found in low amounts with a maximum value of 461 ppb Au (90052ZR51).

The Summit Lake mineralization was explored by two early 1900 adits cutting a medium green andesitic tuff (Black, 1951). Cross cutting the tuffs are narrow veinlets composed of quartz, carbonate, chlorite, pyrite and minor galena and sphalerite. Most veinlets are no more than a few centimetres wide. Sampling of the Summit Lake Adit (Figure 4) returned assays in the order of 0.58 oz/ton Ag, 0.8% Pb and 3.4% Zn over 3.3 feet (1.0 metres) (90EEC77).

Core from the bottom of the drill hole K89-11 was found to contain mineralization very similar in nature to the Frog Showing. Silica altered footwall andesite contains disseminated pyrite with narrow stringers, <1 inch (2.5 cm) of galena and sphalerite. The best assay from sampling this core was 1.87 oz/ton Ag, 2.39% Pb and 0.77% Zn over 2 feet (0.6 metres) (D35646).

8.1.4 Kit Zone Mineralization

The West End Showing is the westernmost exposure of the Kit-Trout horizon on the adjoining Sault Claims. The West End Showing was trenched further revealing a shallow westerly dipping section of carbonate sulphide laminate overlain by a sulphidic diamictite. Galena, sphalerite fragments with disseminated euhedral arsenopyrite crystals are found within a mudstone breccia unit. Secondary greenockite and hydrozincite mineralization occurs along many of the fractures. The trenches were chip sampled and assays in the order of 0.63% Pb, 2.78% Zn over 3.2 feet (1.0 metres) (90EEC136) were obtained.

8.2 Big Bulk-Midnight Blue Area Geology

The Big Bulk-Midnight Blue areas are entirely underlain by andesitic volcanics of the Hazelton Group. The volcanics exhibit extensive chlorite, sericite, albite, carbonate and epidote alteration plus pyrite and chalcopyrite mineralization (Figure 10) typical of alkaline porphyry Cu-Au systems. The Big Bulk area is located along the southeast shore of Kinskuch Lake and the Midnight

Blue showing is located 1.8 miles (3 kilometres) southwest at the headwaters of the Dak River. The two areas are considered to be parts of the same alteration system, the central 3 kilometre portion of which is obscured by glaciers. Similar geology and mineralization is also known on the adjoining claim to the west of the Big Bulk suggesting the system also extends beneath Kinskuch Lake.

The Big Bulk and Midnight Blue areas are underlain by four lithologic units that regionally strike northwest-southeast and dip gently to moderately to the northeast (Figure 1). Black argillites, siltstones and chert pebble conglomerates (Unit 3) are exposed just southwest of the Midnight Blue area and along the west shore of Kinskuch Lake. Overlying Unit 3 are grey-green andesitic flows (Unit 4b) which host most of the mineralization. In the Big Bulk area these units are highly altered and include fine gritty tuffs, minor breccias and vesicular lavas. In the Midnight Blue area a good section of Unit 4b is exposed on a ridge along the western property boundary that includes from the bottom to the top: coarse green fragmental with tuffaceous matrix; fine grained ash tuffs; basaltic amygdaloidal flows; and coarse fragmentals. Throughout the andesites are exposures of a unit mapped as hornblende porphyry. In the Midnight Blue area these are considered to be volcanic in origin due to their tuffaceous texture and contained lithic fragments. On the Big Bulk showing this unit appears to occur as dykes and sills. It is possible that this unit has been misidentified and is the same unit mapped and identified in thin sections by Gale (1957) as an augite porphyry (Unit 4h) just south of Kinskuch Lake. Maroon and green intermediate to felsitic (Gale, 1957) volcanic breccias, conglomerates and minor sandstones (Unit 4d) overly the andesites and comprise the greater portion of Lavender Peak and the ridges east of the Dak River. A variety of porphyritic hornblende diorite and quartz monzonite dykes intrude only the andesites, and narrow northeast striking lamprophyre dykes cut all rocks in the area.

A large portion of the Big Bulk area measuring approximately 2,600 feet by 2,600 feet (800 metres by 800 metres) is obscured by a thick glacial moraine deposit. The depth of the moraine is unknown, but is estimated to be at least 65 feet (20 metres). Almost 100% of the outcrop exposure is due to the recent retreat of the ice, and occurs between the moraine and the glacier.

The andesites in the Big Bulk and Midnight Blue areas are extensively chlorite, albite, sericite, carbonate and epidote altered. Chlorite alteration is widely distributed and is commonly associated with disseminated pyrite, and less commonly disseminated chalcopyrite. Sodic feldspars occur in most of the andesitic volcanic rocks and are considered by Gale to be secondary and possibly related to "residual segregations evolved in the crystallization of the Coast Intrusions". Epidote is common and occurs both as disseminations and in veinlets. Epidote veinlets are also common throughout much of the overlying volcanic breccias. Sericite is locally very abundant and commonly is associated with 2% to 20% disseminated pyrite. The area just west of the Marla Zone (Section 9.0) represents the largest most extensive concentration of sericitic rock on the property. Numerous rusty sericitic shears occur in the area and are often host to minor quartz veins mineralized with chalcopyrite, galena and sphalerite. Carbonate alteration is common and is considered to overprint chloritic alteration (Amendolagine, 1965). The areas of carbonate alteration are common on both the local and regional scales and weather a deceptive orange brown that is often confused for iron stained gossan. Quartz injections are limited to erratic; sparsely developed veins. Quartz veins appear to be of at least two episodes of injection. In the Marla Zone they are highly contorted and irregular, but in the Bonnie Zone (Section 9.0) where they are more common and range up to 3 feet (one metre) in thickness, they are more tabular and oriented in an east-southeast direction. The quartz veins are later than the chlorite alteration and older than the calcite veins. Hematite is not abundant in the andesites, but is common in the overlying intermediate breccias.

8.2.1 Big Bulk Area Mineralization

Copper-gold mineralization in the Big Bulk area commonly occurs in the chlorite-pyrite altered andesites (Figures 12 to 18). Malachite and lesser azurite staining are common in areas of chalcopyrite mineralization. Due to the recent glacial scouring of most of the outcrops, chalcopyrite occurs without any surface oxidation. Minor galena and molybdenum have been reported disseminated in the andesites in outcrop and in core samples (Amendolagine, 1965). Copper mineralization is also found in quartz and quartz-carbonate veins. The quartz veins are often mineralized with galena, sphalerite, chalcopyrite and carry good gold and silver values. The quartz carbonate veins are commonly contorted and host only chalcopyrite and pyrite with anomalous gold values.

There are four known zones of chalcopyrite gold mineralization.

Bonnie Zone: The Bonnie Zone is a large area approximately 2,600 feet by 1,300 feet (800 metres by 400 metres) that extends east of the peninsula at the southeast corner of Kinskuch Lake up the hill between the moraine to the north and the glacier to the south. The area hosts numerous isolated zones of both disseminated chalcopyrite, chalcopyrite-pyrite coated fractures and shears, and numerous east-southeast striking quartz-sphalerite-chalcopyrite-galena veins. The veins are often hosted in rusty pyritic sericitic shears. The Bonnie Zone has the most widespread and significant geochemical response of the Big Bulk area, with rock samples assaying up to 1,838 ppb Au (0.054 oz/ton) and 0.103% Cu over 0.5 metres (90EEC-123). Individual, narrow veins in the zone assayed up to 1,201 ppb Au, 3,513 ppm Cu, 1.78 oz/ton Ag (61.0 g/tonne), 3.1% Pb and 6.54% Zn (90ZF-101). There is no physical evidence or record of any diamond drilling done along this zone.

Marla Zone: The Marla Zone is an area approximately 1,000 feet by 300 feet (300 metres by 100 metres) located at an elevation of 4,500 feet (1,370 metres) along the northern edge of the Lavender Peak glacier. Malachite staining is very common outlining numerous highly contorted, narrow quartz carbonate chalcopyrite veins. Assays range to 1,950 ppb Au (0.057 oz/ton; 90SSR-161) and 1,053 ppb Au (0.031 oz/ton), 15.7 g/ton Ag (0.046 oz/ton) and 9.14% Cu (90SSR-149). The Marla Zone has been the site of at least two 1956 drill holes, the results of which are not known.

Tracey Zone: The Tracey Zone is located along the northern margin of the moraine between 3,800 and 4,800 feet (1,150 and 1,460 metres) and covers an area approximately 2,000 feet by 1,800 feet (600 metres by 550 metres). The area was the only area to have been previously systematically examined for gold. Mineralization is of predominantly disseminated chalcopyrite-pyrite, although, chalcopyrite fracture coatings can also be found. Chalcopyrite mineralization is reported to increase with the increase in fracture density in the andesites, although abundant chalcopyrite was also found disseminated in a hornblende(?) porphyry dyke (Cavey, 1980). Carbonate alteration is common in the Tracey Zone. The most significant assays reported to date (Cavey, 1980) include:

Sample No.	Length of Sample (m)	Cu %	Au oz/ton	Ag oz/ton
0511	17	0.536	0.015	0.02
0512	13	0.715	0.051	0.01
0513	17	0.575	0.022	0.01
0514	12	0.410	0.012	0.02
0515	15	0.705	0.009	0.02
0516	13	0.100	0.019	
0517	11	0.109	0.033	
0521	10.5	0.235	0.002	0.01
BB01712	12	0.320	0.006	0.01

The Tracey Zone received only minimal attention in 1990 as a result of crews being hampered by bad weather late in the season. The zone is anomalous in copper and gold. Silt samples taken from creeks draining this zone assayed 233 ppb Au, 15,279 ppm Cu (90AHL-9) and 132 ppb Au, 3,101 ppm Cu (90AHL-8).

Twyla Zone: The Twyla Zone is a small zone of copper and gold mineralization located on the lake shoreline, north of the moraine. Some drilling was completed on the shore although no record of results was found. The area is highly weathered and fractured. Malachite is common and chalcopyrite was observed along fractures and as disseminations. One sample from the zone assayed 698 ppb Au and 6,195 ppm Cu (90EER-2).

8.2.2 Midnight Blue Area Mineralization

The Midnight Blue area is a rugged, steeply incised cirque at the headwaters of the Dak River where significant Cu-Au anomalies were found (Figures 19 to 25). Most of the volcanics are chloritized but prominent rusty brown gossans indicate the areas of greatest alteration.

Sue Zone: The heaviest alteration occurs on the Sue Zone along the ridge in the north central portion of the property. The rocks are heavily fractured with variable chlorite, carbonate alteration, local silicification and up to 5% pyrite. Malachite stains on fractures are common and chalcopyrite is occasionally observed. Strong alteration, heavy fracturing, disseminated mineralization and anomalous Cu-Au soil geochemistry indicate a zone approximately 2,000 feet by 1,300 feet (600 metres by 400 metres). Soil samples range to 678 ppb Au (90SSS-108) and 2,719 ppm Cu (90MMS-71).

The Sue Zone showing was exposed by a 52 foot (16 metre) trench at the southern end of the ridge. Three different shear sets cut the heavily fractured andesites. Northerly trending shears dip 30°-70° west. Northeasterly trending shears are shallow northwest dipping; and northwesterly trending shears approach vertical. Malachite stained quartz-sphalerite veins are associated with the northeasterly structures. The one metre by one metre panel trench samples taken were low in gold values, but ranged to 2,774 ppm Cu, 15,163 ppm Zn, 11.6 ppm Ag and 926 ppm Pb (90TSR-1280).

8.3 Jade-Skuch Regional Geology

The Jade-Skuch area geology is discussed in general terms under Regional Geology (Section 7.0) in this report. Regional mapping conducted this past field season is shown on Figures 3, 26 and 27.

8.3.1 Jade-Skuch Regional Mineralization

There are three areas of notable mineralization plus at least five areas of geological interest and potential on the property.

A string of minor copper, and copper-gold quartz veins define a regional north-south linear almost 10 kilometres in length peripheral to the Big Bulk-Midnight Blue Cu-Au porphyry system(s). The vein occurrences are found dotted along the ridges and cirques 2 to 3 kilometres east of Kinskuch Lake extending from the Lahte Creek headwaters through Lavender Peak and north to the Kinskuch River. The veins are minor in dimension being no bigger than 8 inches (20 centimetres) by 12 feet (4 metres), and occur as local stringer zones or individually. The veins are commonly quartz-pyrite-chalcopyrite and trend in a general north-south direction. The most notable occurrences are located in the cirques of the Lahte Creek headwaters. The 8 inch (20 centimetre) Diana Vein assayed 2.15 oz/ton Au (73.58 g/tonne), 1.38 oz/ton Ag (47.31 g/tonne) and 16.0% Cu (90EER-63). A similar vein over one kilometre to the south assayed 0.83 oz/ton Au (28 g/tonne) and 3.7% Cu (90ZR-67). The later vein occurred adjacent to a gossanous pyrite sericite shear zone that yielded highly anomalous Pb (>10,000 ppm) and AG (>50.0 ppm) soil sample values (90ZS-11). Silver rich quartz-calcite-bornite veins also occur along the trend.

A sericite shear at the south central part of the property where the upper branch of Lahte Creek makes a sharp bend to the west was highlighted by 1989 regional Pb-Zn anomalies (anomaly JS-1). The shear trends north-northwest, parallel to the linear made by the main part of Lahte Creek which extends to the southeast, onto the adjoining claim owned by Dolly Varden Minerals Inc. Minor sphalerite-galena stringers are found within the highly foliated sericite schists that extend for approximately 300 feet by 2,000 feet (100 metres by 600 metres). Assays from grab samples range to 1.1% Zn (90ZR-22) and 1,776 ppm Pb, 8,630 ppm Zn and 0.67 oz/ton Ag (23 g/tonne) (90ZR-21). One malachite and azurite stained float sample thought to be locally derived assayed 313 ppb Au and 9,423 ppm Cu (90ZF-23).

The slope north of Jade Lake was highlighted by silt samples anomalous in Au, As, Pb, Zn, Cu, Ag, Ba and Sr taken in 1989 (anomalies JN-1 and 2). The area was examined in detail in 1990. The area is underlain by black siltstones which locally hosts pyrite and quartz filled shears weakly anomalous in gold. Moderate gold values in soils highlight an area between elevations 3,200 feet (975 metres) and 3,600 feet (1,100 metres) where results range to 261 ppb (90SSS-129). The area is also anomalous in Cu (269 ppm Cu, 179 ppb Au; 90SSS-14). A float sample of quartz-carbonate-galena breccia veins in andesites found in the south flowing creek at the west end of Jade Lake assayed 0.042 oz/ton Au (1,118 ppb), 1.68 oz/ton (57.6 g/tonne), 3.26% Pb and 10.12% Zn (90MMF-9). The probable source is the andesites mapped west of the above mentioned black siltstones.

Felsic volcanic flows north of Lahte Creek commonly contain 5% disseminated pyrite, with local patches of up to 30%. The units were however, barren of any economic mineralization.

9.0 GEOCHEMICAL SURVEYS

A total of 525 rock samples, 319 soil samples, 336 silt samples, 57 core samples and 1,015 Trout grid soil samples were taken during the 1990 field season. Geochemical and fire assay results for these samples including rock sample description, width, and area in which the samples were taken are compiled in Appendix IV. Sampling, analytical techniques and statistical treatment of data is described in Appendix III.

Samples were sent to Bondar-Clegg & Company Ltd. in North Vancouver, B.C. for geochemical and assay analysis.

A compilation of the Trout grid soil geochemistry, including grid coordinate and horizon sampled, is in Appendix V.

Approximately 70% of the streams in the Kit-Jade area were covered by Oliver Gold/Tanqueray/Aber in 1989 and preliminary prospecting traverses were conducted along most of the accessible ridge and side hill areas. The area had previously been sampled on a very broad reconnaissance scale by Cominco Ltd. in 1985 and by the B.C. Geological Survey in 1978. These surveys had detected multi-element anomalies on the Kinskuch River and in Upper Lahte Creek, and in easterly flowing streams to the east of the property. Fifteen anomalies were defined by the 1989 field work. These anomalies were the focus of the 1990 regional Kit-Jade geochemical survey.

The rugged terrain made foot traversing very difficult throughout the area. Major streams are all juvenile and deeply incised, making progress along the stream beds impossible in most areas. It is usually necessary to traverse the steep alder and brush covered slopes several hundred feet above the streams and drop down for sampling wherever practical. Technical climbing skills are a definite asset for this type of work. Most of the higher elevations are in steep mountains terrain, with many icefield areas. Most ridges are traversable, although technical climbing skills are at times necessary.

The stream silt samples were subject to statistical analysis and threshold levels were established using both cumulative probability plots and conventional statistical parameters (see Appendix III).

The objective of the 1990 program was to conduct a much more detailed stream silt and prospecting evaluation of the Hazelton sequence on the Jade-Skuch claims. This work was intended to evaluate both the gold and the base metal potential of the area. Soils were taken as an aid to prospecting, on gossanous patches of soil below mineralized outcrops, and a number of soil contour lines were completed to test anomalies defined by previous reconnaissance silt or rock samples. Many of the rock samples are grab samples, although detailed chip sampling was carried out on the Trout Zone and the Big Bulk-Midnight Blue areas. A series of lithogeochemical contours were also completed in the Big Bulk area.

A number of significant anomalies were selected on the basis of elevated values in one or more elements and sample type. These areas include Upper Lahte Creek, Big Bulk and Midnight Blue areas.

9.1 Trout Area Geochemical Survey

Sampling in the Trout area consisted of 129 rock chip and grab samples, 2 soil samples and 19 silt samples. Six trenches were reopened and resampled; two were enlarged and a new trench was excavated on line 19N. Two adits near Summit Lake were chip sampled. Geochemical results and locations are plotted on Figures 5, 26, 28, 30, 32, 34, 36 and 38. Results are also compiled in Appendix IV.

The West End Showing was enlarged and detailed rock chip sampling was carried out. A 3.3 foot (1.0 m) sample in the calcareous mudstone breccias returned 0.13 oz/ton Ag, 0.63% Pb and 2.78% Zn (90EEC136). Lead values were generally in the 0.1% to 0.6% range and zinc assays were in the range of 0.5% to 2.8%.

Summit Lake Adit I assays returned 0.44 oz/ton Ag, 0.7% Pb, 2.6% Zn over 6.5 feet (2 metres; 90EEC77-78). The mineralization was found in very narrow shears within a bleached andesitic tuff. Adit III was chip sampled and assays returned 0.4% Zn over 16 feet (5 metres; 90EEC108-112). Mineralization was similar in nature to Adit I.

Sampling of the South Frog showing returned values in the order of 4.54 oz/ton Ag, 1.61% Pb, 9.1% Zn over 2 feet (0.6 metres; 90ZC40).

The Trout horizon was exposed in Trench 1-4, 8 and 9 (Figure 5). Detailed chip sampling in Trench 8, of the sulphidic diamictite returned significant values in base metals. A 13 foot (4 m) section assayed 0.16 oz/ton Ag, 0.6% Pb and 0.7% Zn (90MMC82-85). Adjacent to this interval 23 feet (7 m) of the diamictite returned values of 0.29% Pb, 0.93% Zn (90MMC75-81). A 6.5 foot (2 m) sample of diamictite, separated from the above samples by a hornblende dyke, assayed 0.3% Pb, 1.97% Zn (90EEC58-59).

Trench 9 exposed the dip slope surface of the Trout Horizon 1,000 feet (325 m) grid south of Trench 8. A 3.2 foot (1 m) chip sample assayed 0.13 oz/ton Ag, 0.19% Pb and 1.1% Zn (90MMC89).

The Ace Galena shear veins returned significant values (Figure 5). Grab samples returned up to 107.9 oz/ton Ag (90ZF14). Trench 6 was sampled over 7.5 feet (2.3 m) assaying 7.5 oz/ton Ag and 5.2% Pb (90ZC15-17). Other significant values along with the descriptions are in Appendix IV.

9.1.1 Trout Grid Soil Geochemical Survey

A total of 1,015 A and B horizon soil samples were taken on the Trout Grid, 952 samples were B horizon and 163 samples were A horizon. Results for these samples are compiled in Appendix V. Sampling and analytical techniques are described in Appendix III. Samples were taken at 32.8 foot (10 m) intervals on 82 foot (25 m) spaced lines. Lead, zinc and silver geochemical values have been plotted on Figures 7, 8 and 9 respectively. Statistical analysis of the data was carried out to establish threshold levels using both cumulative probability plots and conventional statistical parameters (see Appendix III).

Zinc (see Figure 8) provided a strong geochemical response. An anomaly 1,312 feet (400 m) by 164 feet (50 m) was outlined with values ranging up to 8,805 ppm Zn (19+50N, 15+10E). To the north along strike from this anomaly, a zone 1,476 feet (450 m) by 65 feet (20 m) also returned anomalous zinc values up to 3,389 ppm (24N, 16+30E). This defines a zone with 2,789 feet (850 m) of strike length and widths of 65-164 feet (20-50 m). Between lines 16N and 18N an area of anomalous soils was outlined. These values fall in the 100-600 ppm Zn range (17+50N, 15+70E).

Lead geochemical values are plotted in Figure 7. An anomaly 2,625 feet (800 m) by 65-164 feet (20-50 m) was defined. This anomaly trends roughly parallel to Bluebird Creek. Several samples were >10,000 ppm Pb (18+75N, 14+70E). A smaller anomaly between line 16N and 17+25N was defined with values generally in the 100-500 ppm Pb range. Dimensions are approximately 410 foot (125 m) by 65-131 feet (20-40 m). One sample in this area assayed 5,066 ppm Pb (18+25N, 15+20E).

Silver geochemistry is plotted in Figure 9. As with lead and zinc, a silver anomaly was defined on the eastern side of Bluebird Creek between 18N and 22N. Samples ranging up to 50 ppm (22+50N, 16+50E) outline a 1,312 foot (400 m) by 65-164 feet (20-50 m) soil geochemical anomaly. As with lead and zinc, a silver anomaly is indicated between lines 16N and 17+50N.

Arsenic also outlined an anomaly along Bluebird Creek that correlates to the lead, zinc, silver anomaly. Gold values returned local sporadic highs (952 ppb Au at 18N, 14+20E) which are found along the base metal anomalous trend for over 2,624 feet (800 m).

The large anomalous zone which was defined by lead, zinc, silver and arsenic, is approximately 2,625 feet (800 m) in strike length by 65-164 feet (20-50 m) in width. Trenching carried out on the basis of the results of the soil geochemical survey (Trench 8-9) has revealed that the anomaly correlates to unit 7 (Figure 4).

The Pb-Ag-Zn anomalies defined between line 16N and 17N (15+50E) is associated with Ace Galena type shear veins. The anomalous response in soils in this area are rather local, as would be expected by the nature of the veins.

9.2 Big Bulk Geochemical Survey

A total of 167 rock samples, 57 soil samples and 20 silt samples were taken in the Big Bulk area. Geochemical results for these samples are compiled in Appendix IV. Sampling, analytical and statistical techniques are described in Appendix III. Sample locations and assays are plotted on Maps 12-18. A contour lithogeochemical survey was carried out on 82 foot (25 m) spacings at an elevation of approximately 4,250 feet (1,295 m) across the Bonnie and Marla Zones. Significant assays were received with values up to 9.14% Cu, 1,053 ppb Au (90SSR149). Within the Marla Zone three lithogeochemical samples over 246 feet (75 m) averaged 0.225% Cu (R3394-R3396) with R3395 assaying 547 ppb (0.016 oz/ton Au).

Grab samples in the Marla Zone assayed up to 12.03% Cu, 0.92 oz/ton Ag (90SSR148) and 5.58% Cu, 3,360 ppb Au (0.1 oz/ton Au) (90SSR171). Sample 90TSR1317 assayed 3.54% Cu, and 90TSR1305 returned 1,319 ppb Au (0.04 oz/ton).

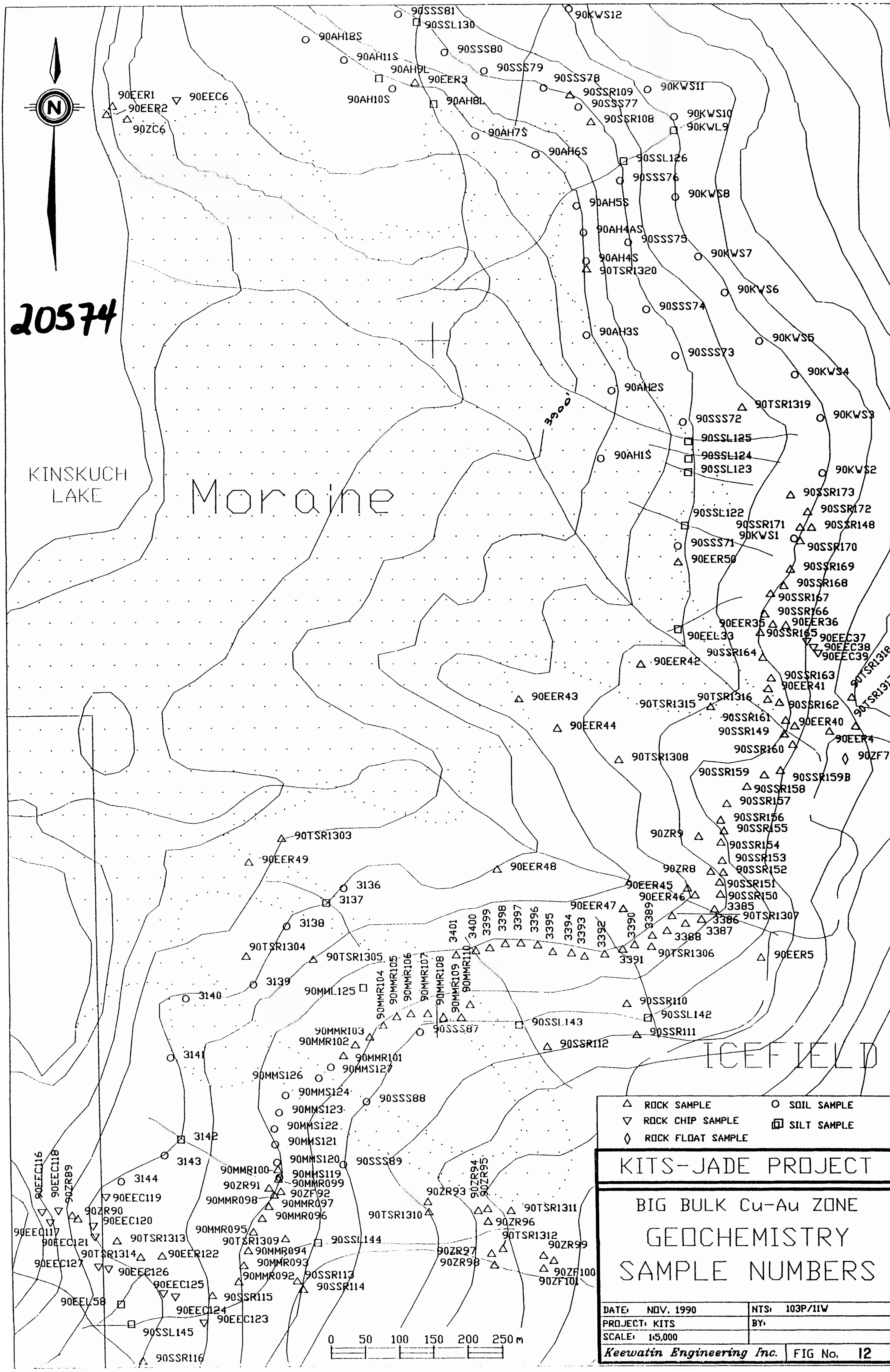
Grab samples taken in the Bonnie Zone returned values up to 1.13% Cu (90052ZR97), 0.35% Cu, 1.78 oz/ton Ag and 1,201 ppb Au (90052ZR101). All creeks draining the area were silt sampled. Amendolagine (1965) reported that the creeks in the Big Bulk area were panned but no visible gold was found. The juvenile nature of the creeks along with the recent retreat of the glaciers from the area have not allowed time for proper silt development.

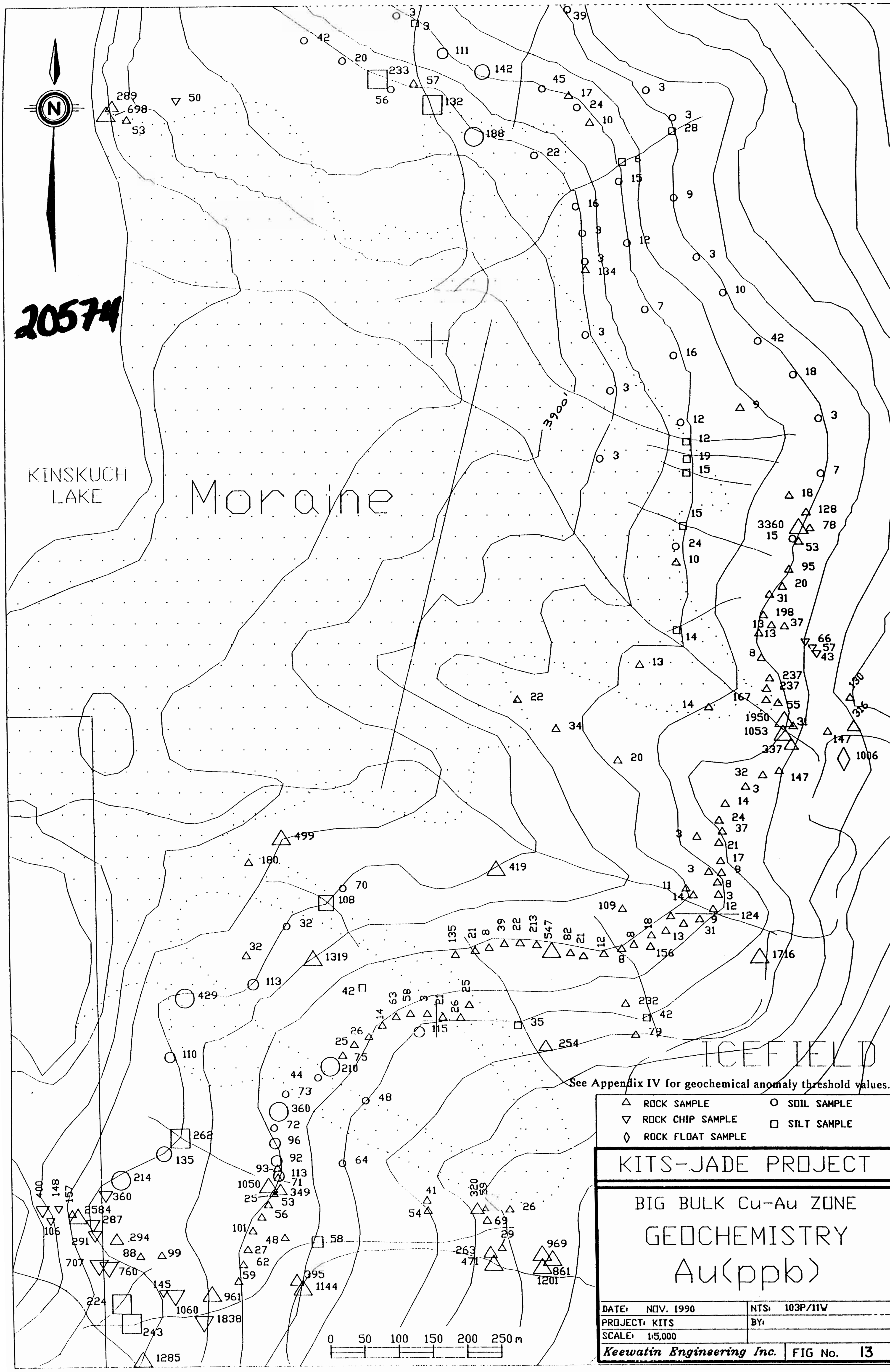
Three creek silt samples draining the Bonnie Zone returned significant values of 624 ppm Cu, 262 ppb Au (L3142), 525 ppm Cu, 224 ppb Au (90EEL58) and 516 ppm Cu, 243 ppb Au (90SSL145).

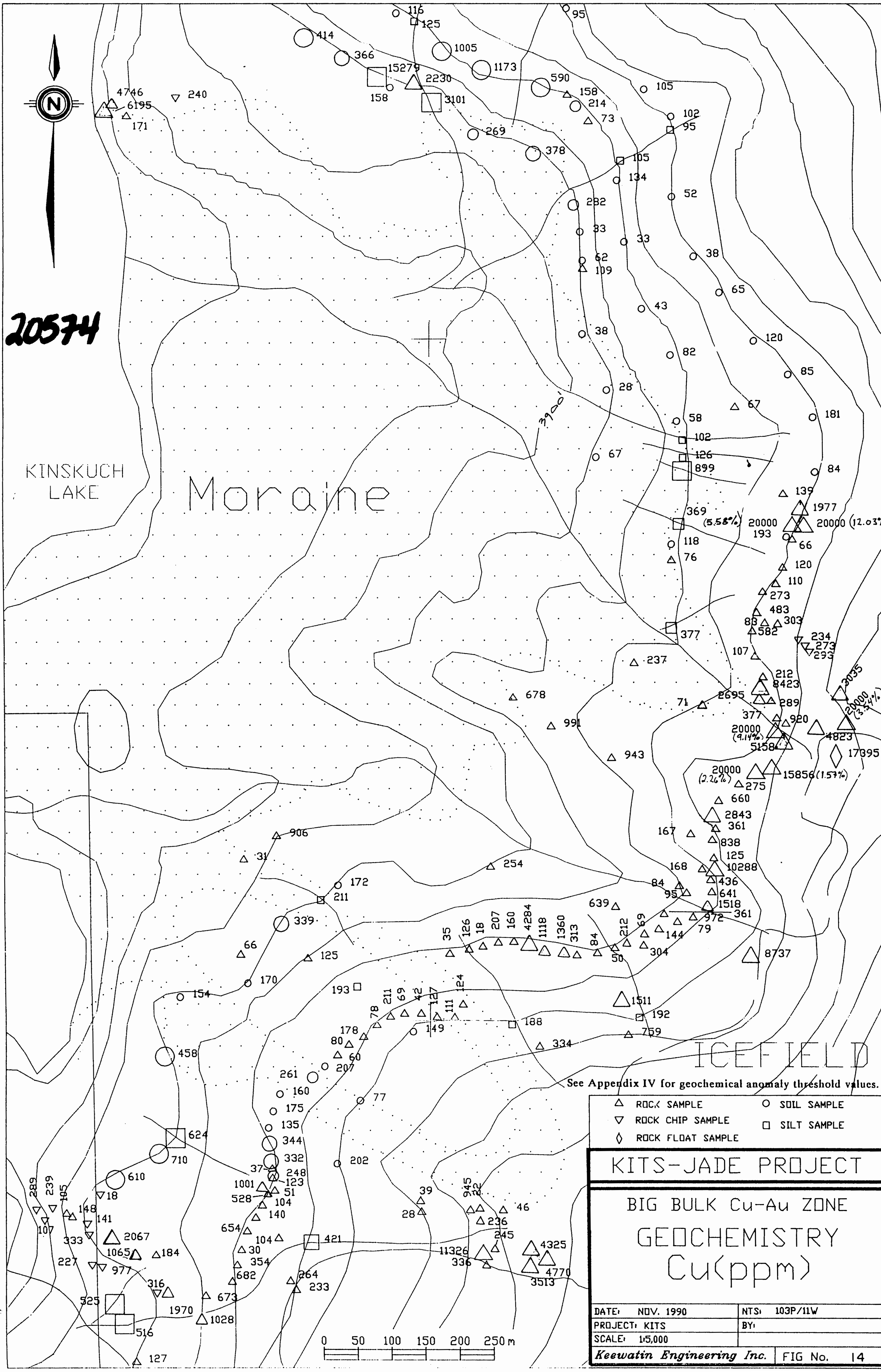
Little time was spent prospecting the Tracey and Twyla Zones due to poor weather conditions. Three soil and silt contours were completed across the Tracey Zone at 4,000 feet (1,219 m), 4,200 feet (1,280 m) and 4,440 feet (1,353 m) elevation. Sample interval was 328 feet (100 m).

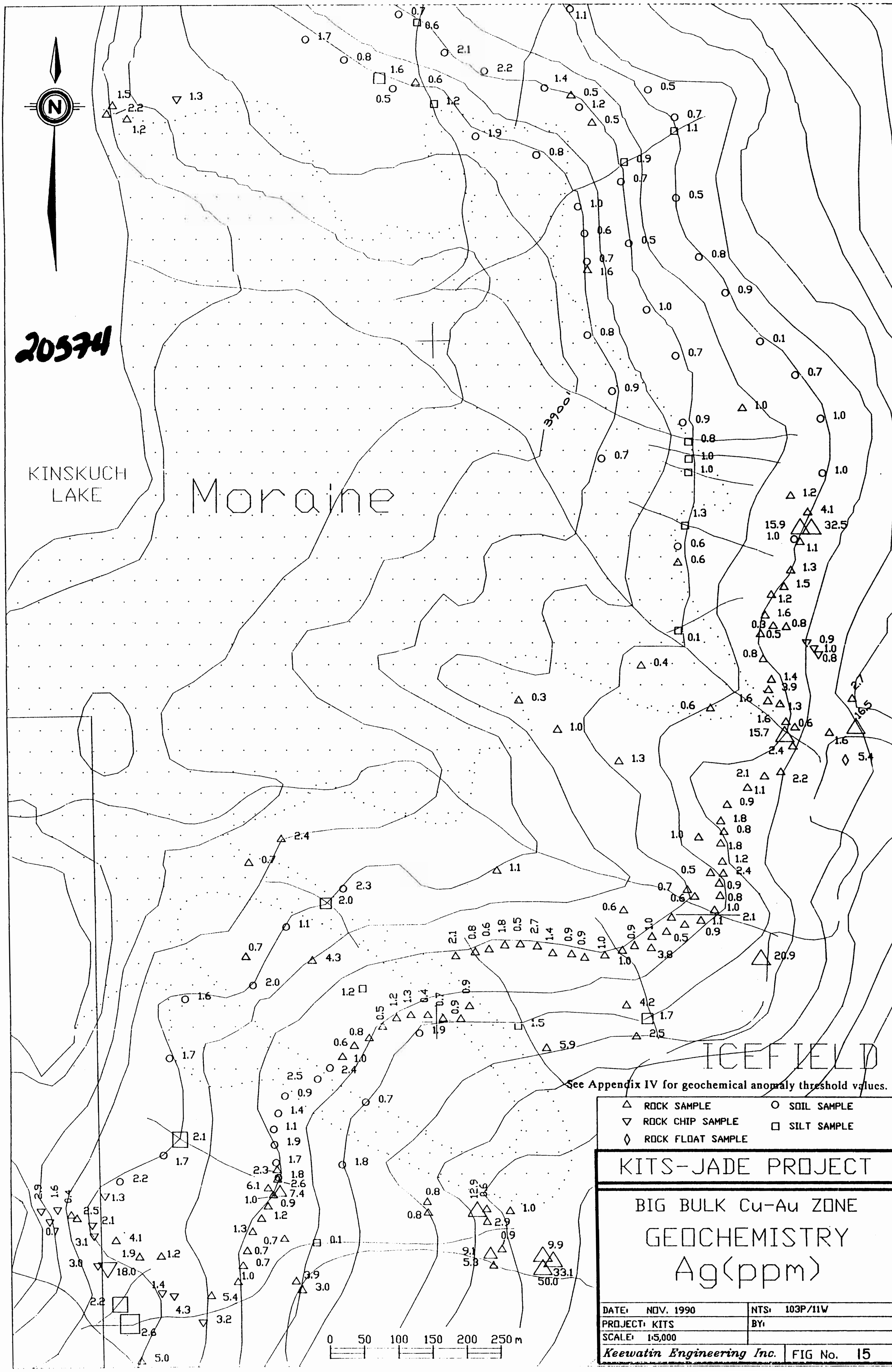
A 1,312 foot (400 m) anomaly was outlined in the Tracey Zone with both soils and silts. The most significant samples were: Silt 90AH9L - 15,279 ppm Cu and 233 ppb Au; silt 90AH8L - 3,101 ppm Cu and 132 ppb Au; and s 90SSS79-80 - 1,173 and 1,005 ppm Cu respectively.

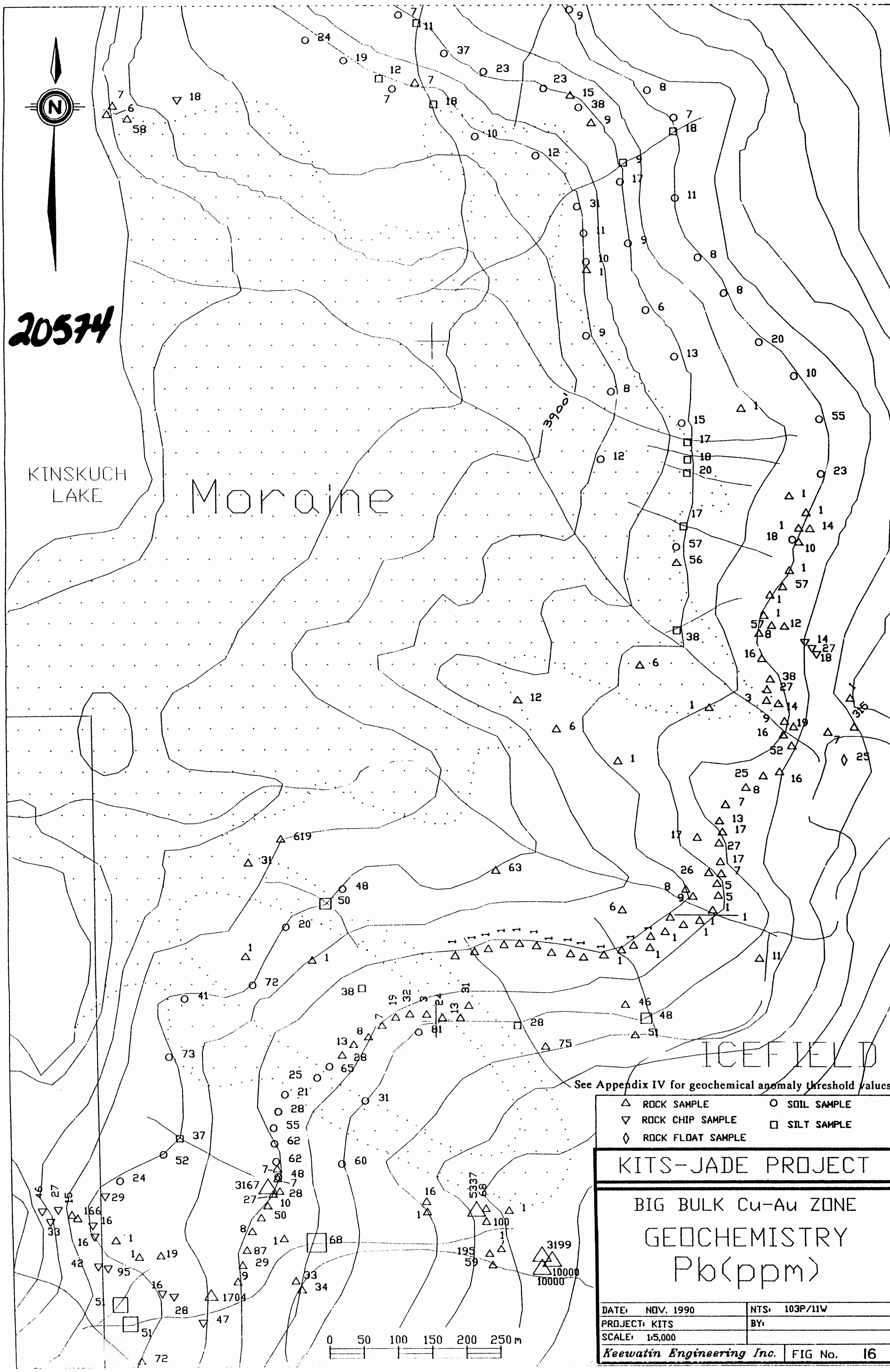
The best assays on the Twyla Zone are currently 0.62% Cu, 698 ppb Au (90EER2) and 0.47% Cu (90EER1), both of which are rock grab samples.


20574
N
KINSKUCH LAKE
Moraine
ICEFIELD
3900'
ROCK SAMPLE
ROCK CHIP SAMPLE
ROCK FLOAT SAMPLE
SOIL SAMPLE
SILT SAMPLE
0 50 100 150 200 250 m
KITS-JADE PROJECT
BIG BULK Cu-Au ZONE
GEOCHEMISTRY
SAMPLE NUMBERS
DATE: NOV. 1990
NTS: 103P/11W
PROJECT: KITS
BY:
SCALE: 1:5,000
Keewatin Engineering Inc.
FIG No. 12

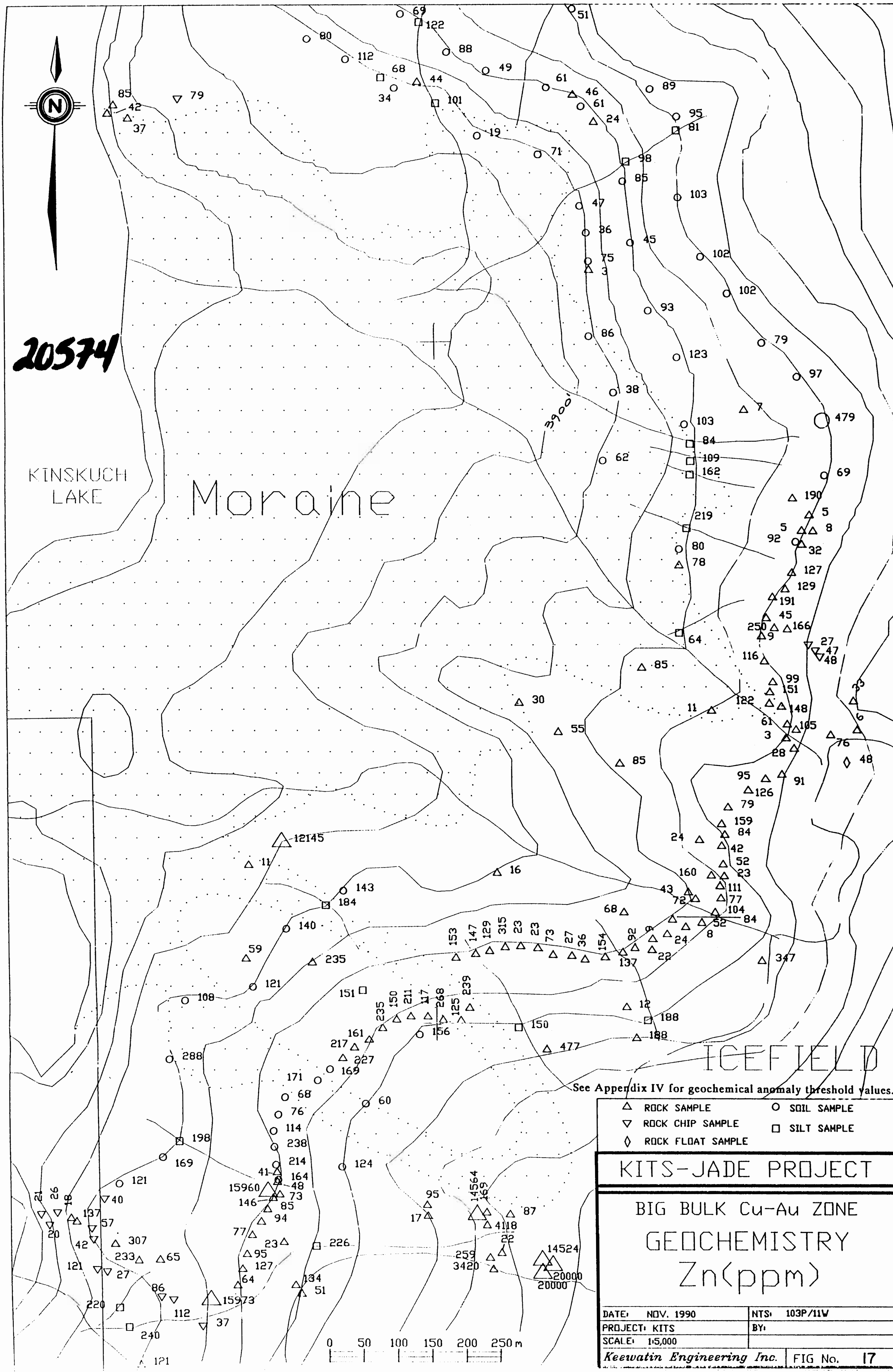

20574
KINSKUCH LAKE
Moraine
3900'
ICEFIELD
See Appendix IV for geochemical anomaly threshold values.
ROCK SAMPLE
ROCK CHIP SAMPLE
ROCK FLOAT SAMPLE
SOIL SAMPLE
SILT SAMPLE
KITS-JADE PROJECT
BIG BULK Cu-Au ZONE
GEOCHEMISTRY
Au(ppb)
DATE: NOV. 1990
NTS: 103P/11W
PROJECT: KITS
BY:
SCALE: 1:5,000
Keewatin Engineering Inc.
FIG No. 13
0 50 100 150 200 250 m

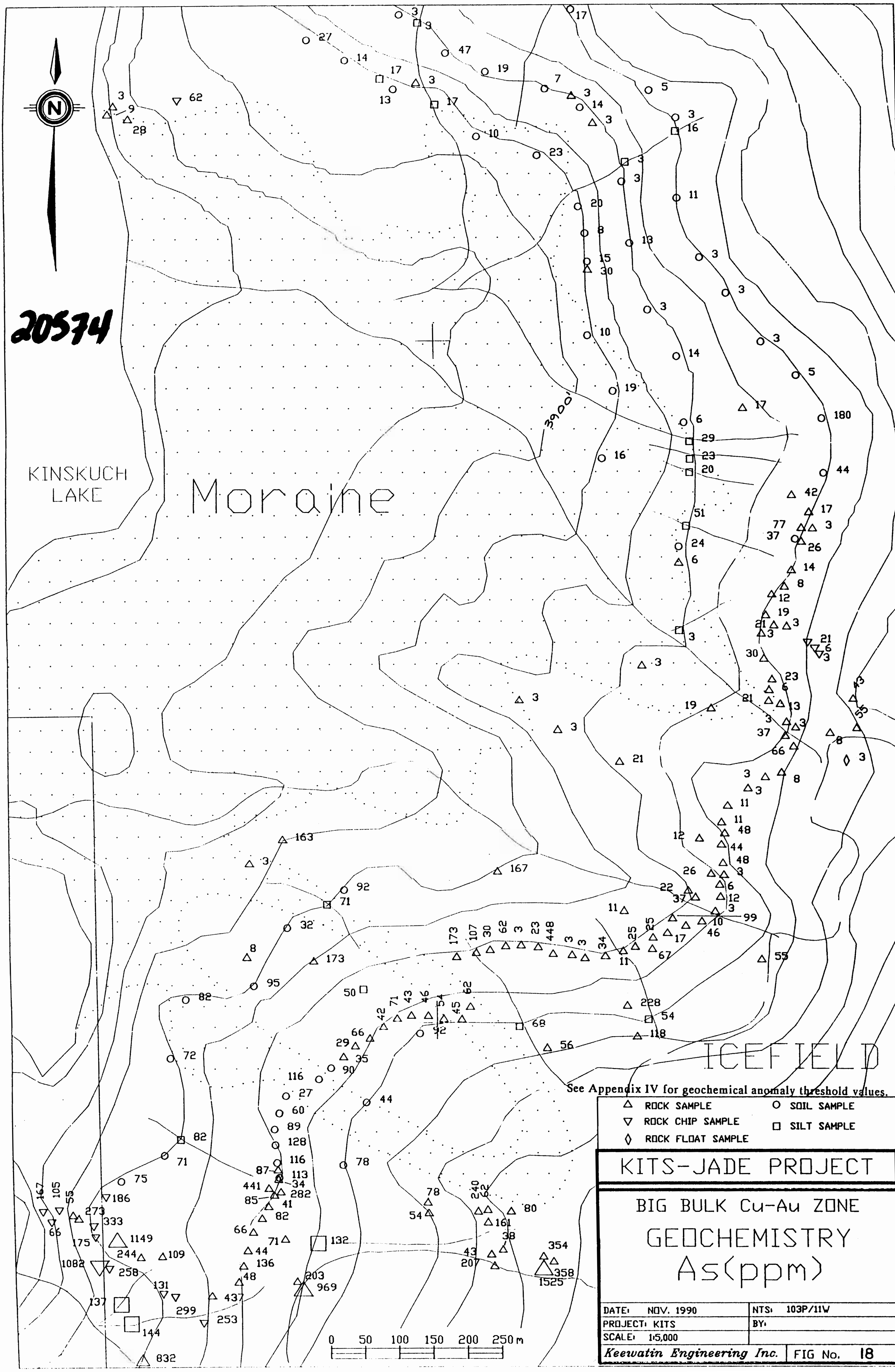

20574
N
KINSKUCH LAKE
Moraine
3900'
ICEFIELD
See Appendix IV for geochemical anomaly threshold values.
ROCK SAMPLE
ROCK CHIP SAMPLE
ROCK FLOAT SAMPLE
SOIL SAMPLE
SILT SAMPLE
KITS-JADE PROJECT
BIG BULK Cu-Au ZONE
GEOCHEMISTRY
Cu(ppm)
DATE: NOV. 1990
NTS: 103P/11W
PROJECT: KITS
BY:
SCALE: 1:5,000
Keewatin Engineering Inc.
FIG No. 14
0 50 100 150 200 250 m


N
20574
KINSKUCH LAKE
Moraine
3900
ICEFIELD
See Appendix IV for geochemical anomaly threshold values.
ROCK SAMPLE
ROCK CHIP SAMPLE
ROCK FLOAT SAMPLE
SOIL SAMPLE
SILT SAMPLE
KITS-JADE PROJECT
BIG BULK Cu-Au ZONE
GEOCHEMISTRY
Ag(ppm)
DATE: NOV. 1990
NTS: 103P/11W
PROJECT: KITS
BY:
SCALE: 1:5,000
Keewatin Engineering Inc.
FIG No. 15
0 50 100 150 200 250 m



20574
N
KINSKUCH LAKE
Moraine
3900'
ICEFIELD
See Appendix IV for geochemical anomaly threshold values.
ROCK SAMPLE
ROCK CHIP SAMPLE
ROCK FLOAT SAMPLE
SOIL SAMPLE
SILT SAMPLE
KITS-JADE PROJECT
BIG BULK Cu-Au ZONE
GEOCHEMISTRY
Pb(ppm)
DATE: NOV. 1990
NTS: 103P/11W
PROJECT: KITS
BY:
SCALE: 1:5,000
Keewatin Engineering Inc.
FIG No. 16
0 50 100 150 200 250 m


20574
N
KINSKUCH LAKE
Moraine
3900
ICEFIELD
See Appendix IV for geochemical anomaly threshold values.
ROCK SAMPLE
SOIL SAMPLE
ROCK CHIP SAMPLE
SILT SAMPLE
ROCK FLOAT SAMPLE
KITS-JADE PROJECT
BIG BULK Cu-Au ZONE
GEOCHEMISTRY
Zn(ppm)
DATE: NOV. 1990
NTS: 103P/11W
PROJECT: KITS
BY:
SCALE: 1:5,000
Keewatin Engineering Inc.
FIG No. 17
0 50 100 150 200 250 m



20574
N
KINSKUCH LAKE
Moraine
3900'
ICEFIELD
See Appendix IV for geochemical anomaly threshold values.
ROCK SAMPLE
ROCK CHIP SAMPLE
ROCK FLOAT SAMPLE
SOIL SAMPLE
SILT SAMPLE
0 50 100 150 200 250 m
KITS-JADE PROJECT
BIG BULK Cu-Au ZONE
GEOCHEMISTRY
As(ppm)
DATE: NOV. 1990
NTS: 103P/11W
PROJECT: KITS
BY:
SCALE: 1:5,000
Keewatin Engineering Inc.
FIG No. 18

9.3 Midnight Blue Geochemical Survey

A total of 34 rock samples, 88 soil samples and 6 silt samples were taken in the Midnight Blue area. Geochemical results for these samples are compiled in Appendix IV. Sampling, analytical and statistical techniques are described in Appendix III. Sample locations and assays are plotted on Maps 19-25.

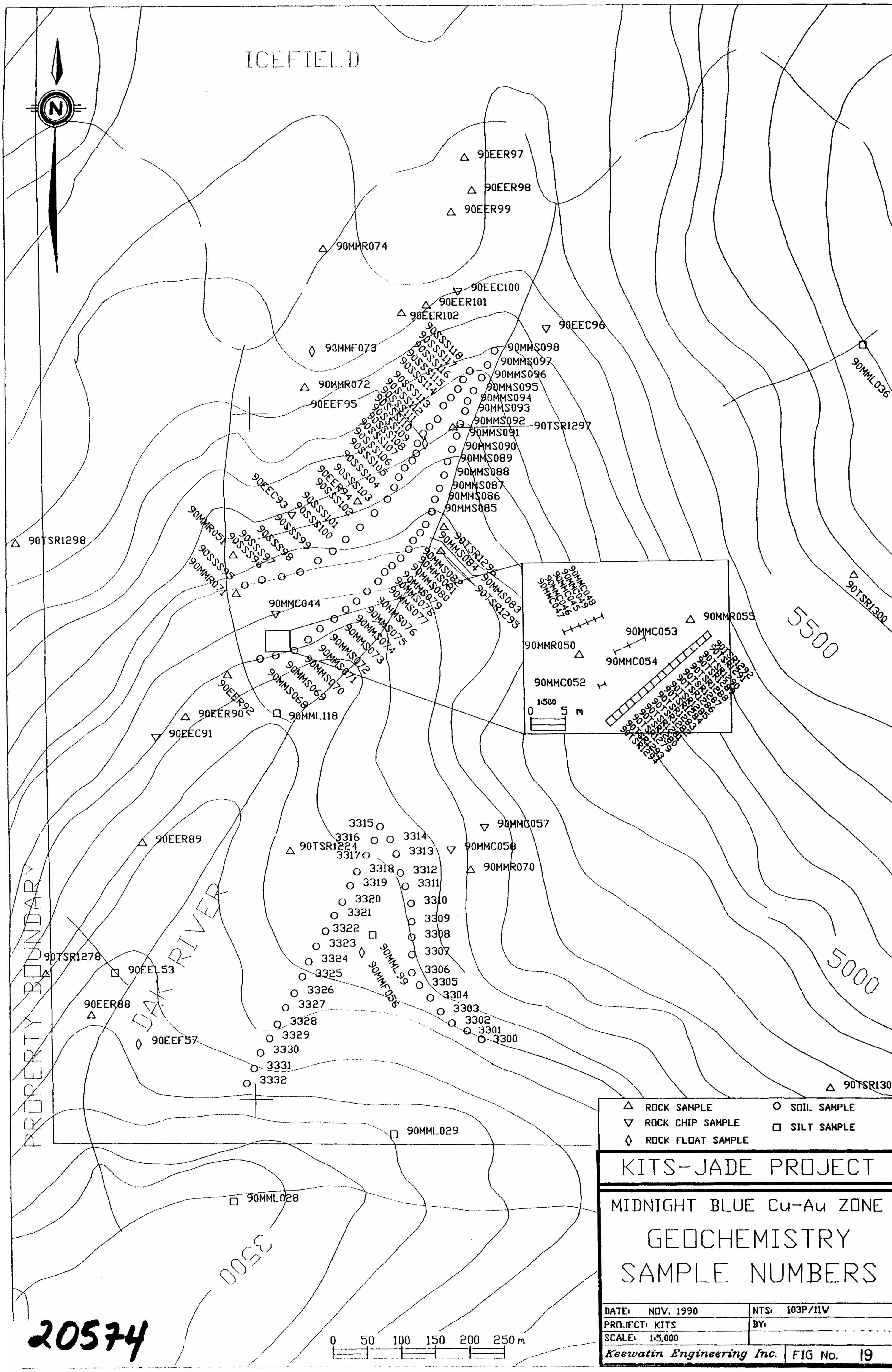
Interest in the area was sparked by a single float sample that assayed 0.111 oz/ton Au (90EEF57). Following up this result led to the discovery of the Sue Zone. Samples of talus fines were taken on 82 foot (25 m) spacings to define the extent of the Sue Zone. Both the upper and lower contour lines (see Figure 19) defined an anomaly with 1,640 feet (500 m) of strike length. Samples returned values up to 1,021 ppm Cu and 678 ppb Au (see Figures 20-25) (90SSS110, 90SSS109). Trenches in the Sue Zone were sampled using 1.0 meter square panel samples. Assays from this sampling returned a 52 foot (16 m) interval averaging 0.20% Cu, 0.36% Zn and 0.16 oz/ton Ag (90TSR1279-90TSR1294). The possibility of increasing the width of this zone is excellent since the trench was sampled in its entirety (16 m). Rock grab samples from prospecting within the Sue Zone returned up to 0.08 oz/ton Au (90MMR051), 0.5% Cu (90MMR71) and 4.47% Zn (90MMF73).

Two smaller areas of interest also occur in the Midnight Blue area. One is located on the western property boundary. No rock samples in the area were taken although a stream draining the area was silted returning 740 ppm Cu (90EEL53).

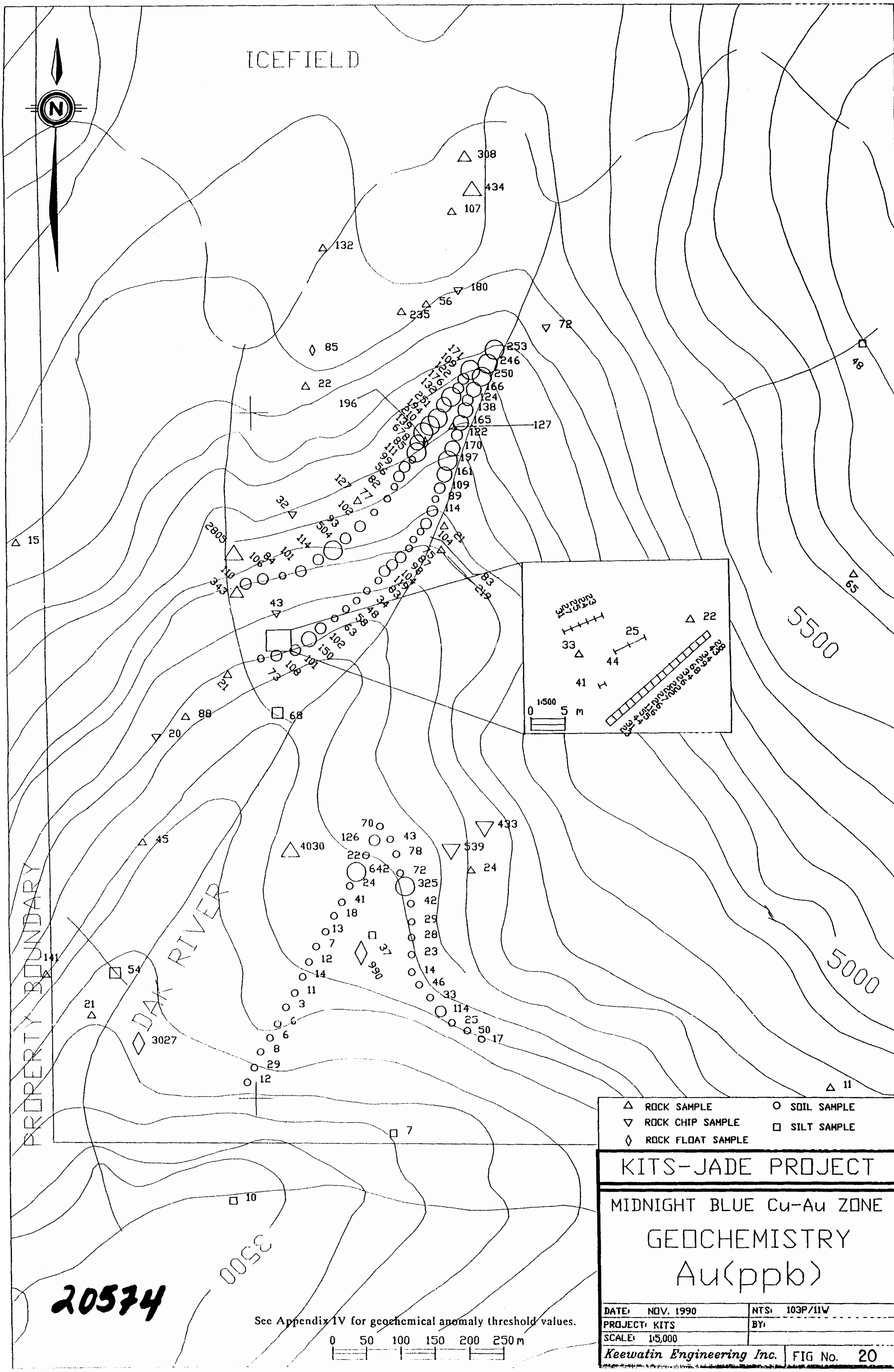
In the southern portion of the Midnight Blue area a soil contour was completed on 82 foot (25 m) spacings. A number of samples returned anomalous values, the best included: 587 ppm Cu, 325 ppb Au in sample S3311, and 227 ppm Cu, 622 ppb Au in sample S3318. A rock sample in this area assayed 4,030 ppb Au (0.118 oz/ton) (90TSR1224). A small gossan located 2,300 feet (700 m) northeast of this contour has not been prospected.

9.4 Jade-Skuch Regional Geochemical Survey

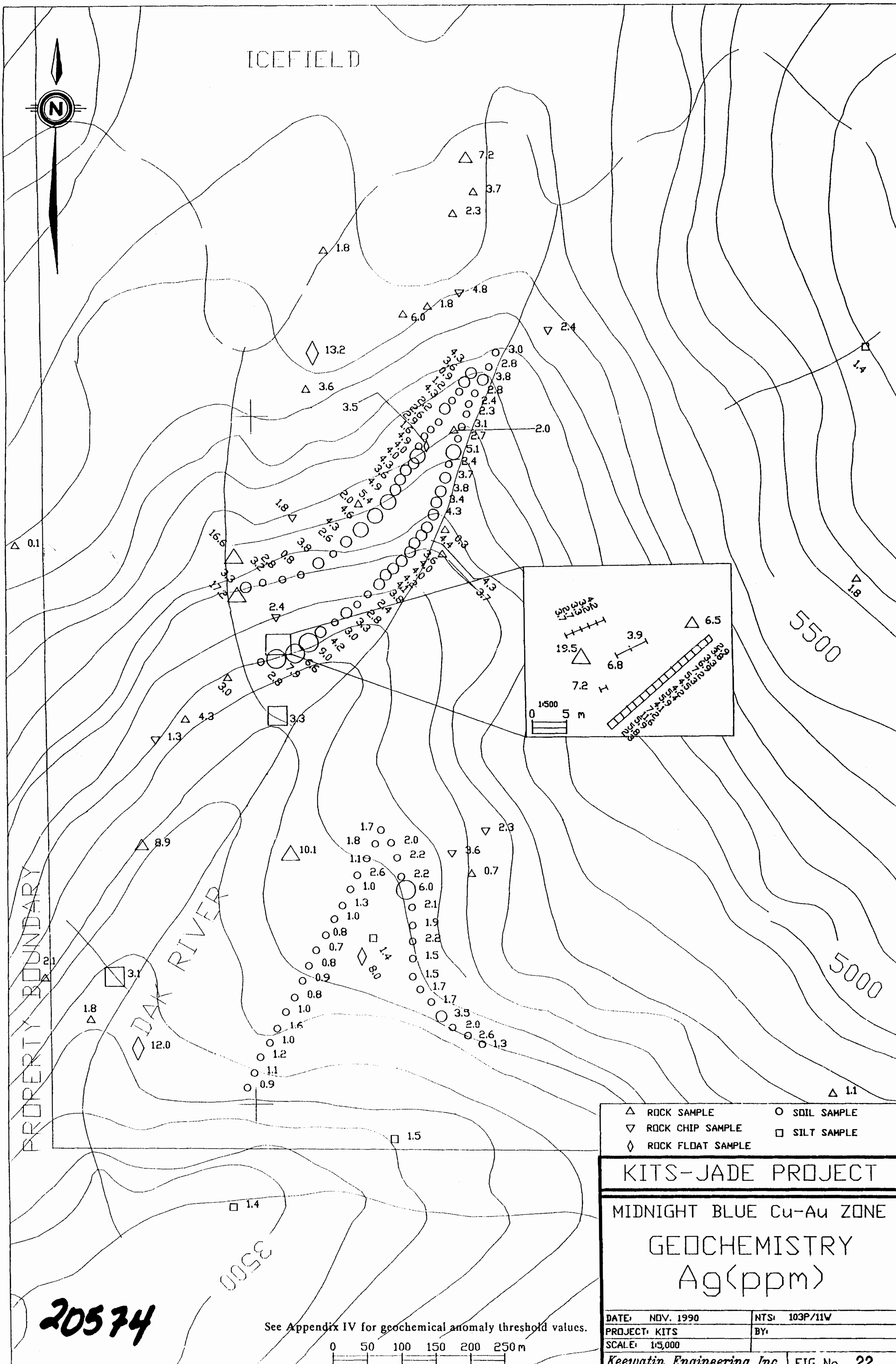
A total of 197 rock samples, 160 soil samples and 261 silt samples were taken during the Jade Skuch regional geochemical survey (Figures 26 to 39). The results are compiled in Appendix IV. Sampling techniques and geochemical procedures are found in Appendix III. All results were subjected to statistical analysis and threshold levels were established using both cumulative parameters


ICEFIELD
N
PROPERTY BOUNDARY
DAK RIVER
5500
5000
3500
90EER97
90EER98
90EER99
90MMR074
90EEC100
90EER101
90EER102
90EEC96
90MMF073
90MMR072
90EEF95
90MMS098
90MMS097
90MMS096
90MMS095
90MMS094
90MMS093
90MMS092
90TSR1297
90MMS091
90MMS090
90MMS089
90MMS088
90MMS087
90MMS086
90MMS085
90MML036
90TSR1298
90MMR051
90MMR071
90MMC044
90TSR1296
90TSR1295
90MMC053
90MMR055
90MMR050
90MMC054
90MMC052
1:500
0 5 m
90TSR1300
90EER92
90EER90
90MML118
90EEC91
90EER89
90TSR1224
90MMC057
90MMC058
90MMR070
3300
3301
3302
3303
3304
3305
3306
3307
3308
3309
3310
3311
3312
3313
3314
3315
3316
3317
3318
3319
3320
3321
3322
3323
3324
3325
3326
3327
3328
3329
3330
3331
3332
90MML99
90MMF056
90TSR1278
90EEL53
90EER88
90EEF57
90TSR1302
90MML029
90MML028
ROCK SAMPLE
ROCK CHIP SAMPLE
ROCK FLOAT SAMPLE
SOIL SAMPLE
SILT SAMPLE
KITS-JADE PROJECT
MIDNIGHT BLUE Cu-Au ZONE
GEOCHEMISTRY
SAMPLE NUMBERS
DATE: NOV. 1990
NTS: 103P/11W
PROJECT: KITS
BY:
SCALE: 1:5,000
Keewatin Engineering Inc.
FIG No. 19
0 50 100 150 200 250 m

20574

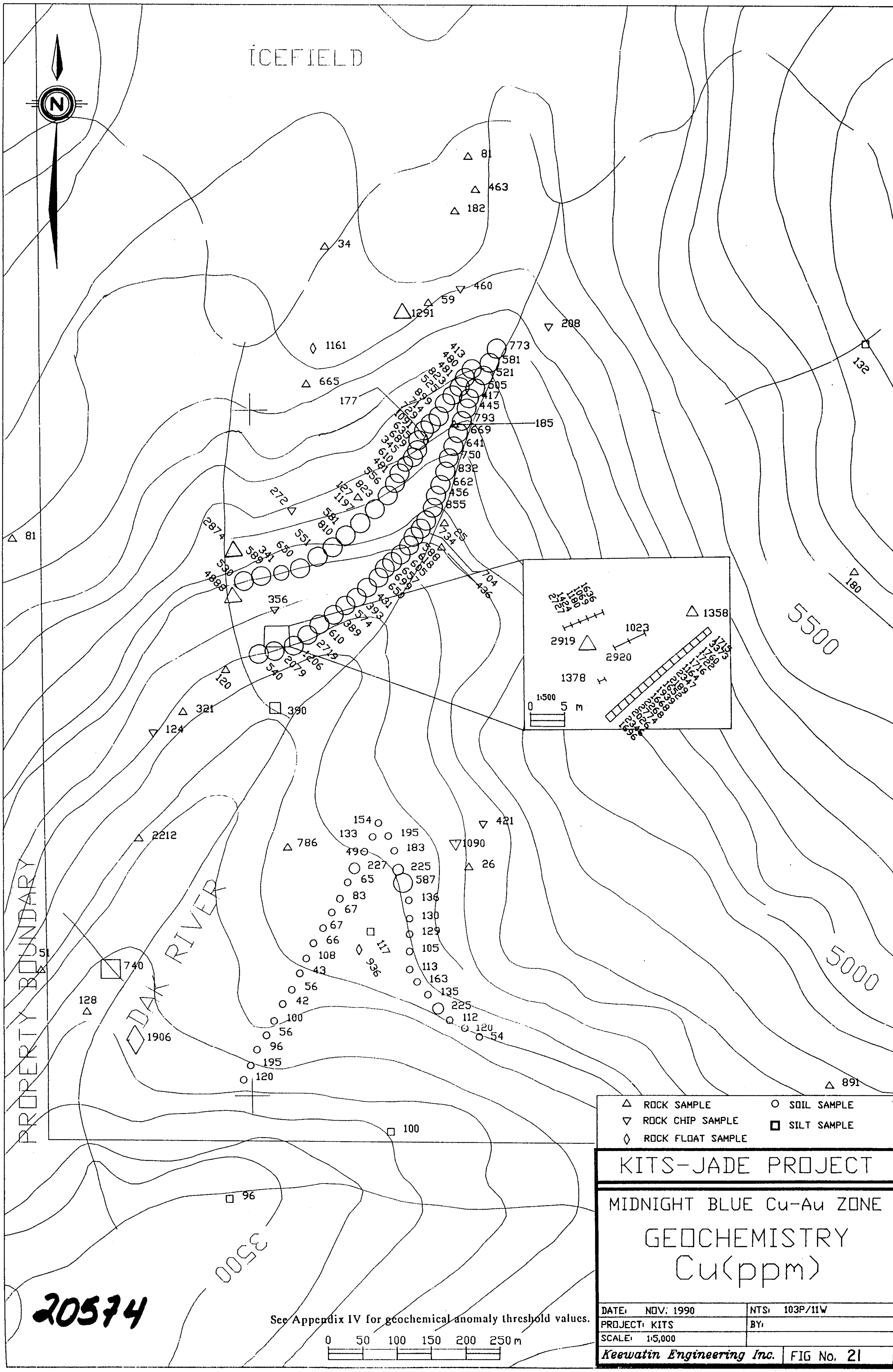


See Appendix IV for geochemical anomaly threshold values.



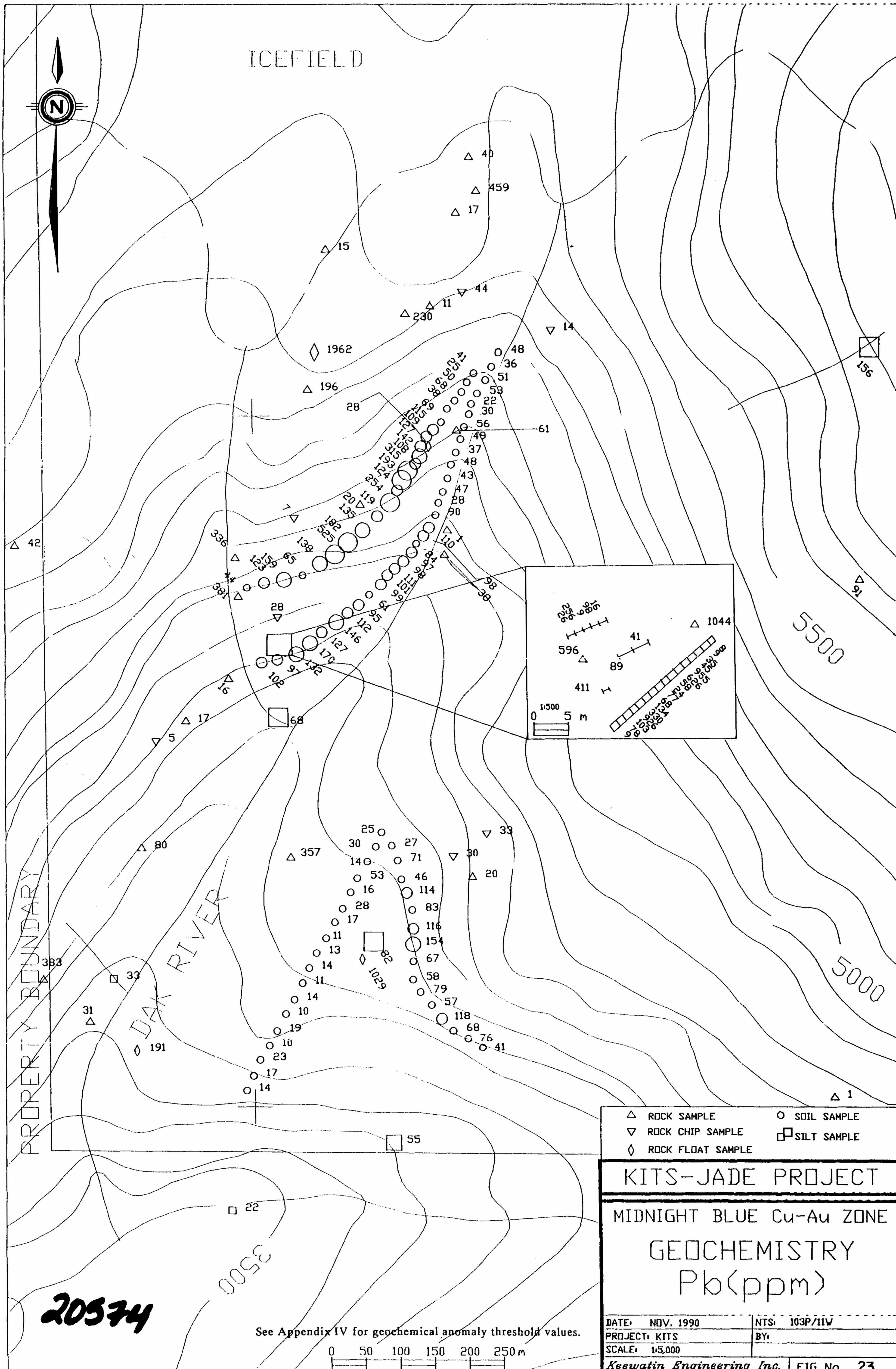
ICEFIELD
N
PROPERTY BOUNDARY
DAK RIVER
5500
5000
3500
ROCK SAMPLE
ROCK CHIP SAMPLE
ROCK FLOAT SAMPLE
SOIL SAMPLE
SILT SAMPLE
1:500
0 5 m
KITS-JADE PROJECT
MIDNIGHT BLUE Cu-Au ZONE
GEOCHEMISTRY
Ag(ppm)
DATE: NOV. 1990
NTS: 103P/11W
PROJECT: KITS
BY:
SCALE: 1:5,000
Keewatin Engineering Inc.
FIG No. 22
0 50 100 150 200 250 m
See Appendix IV for geochemical anomaly threshold values.

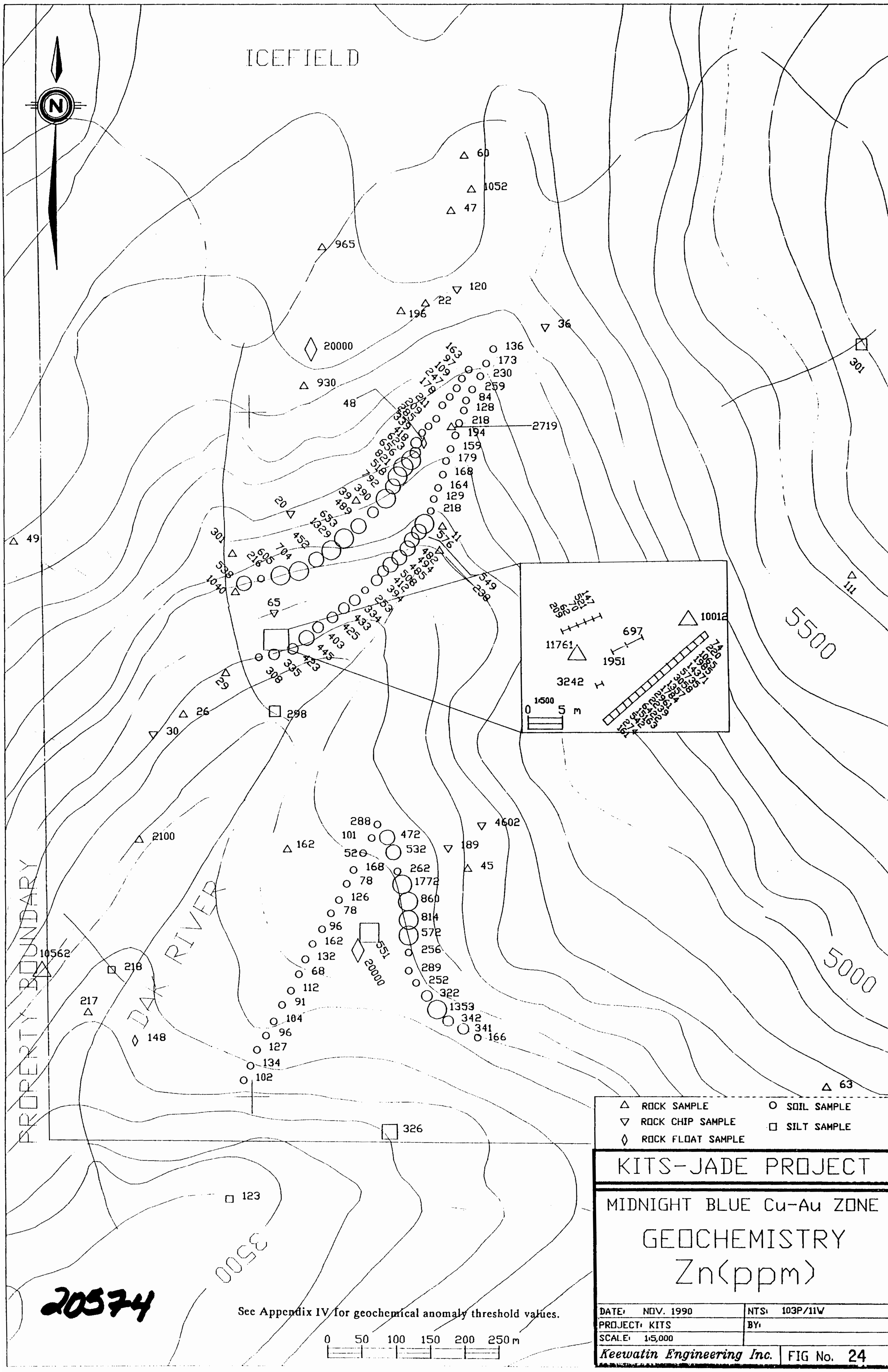
20574



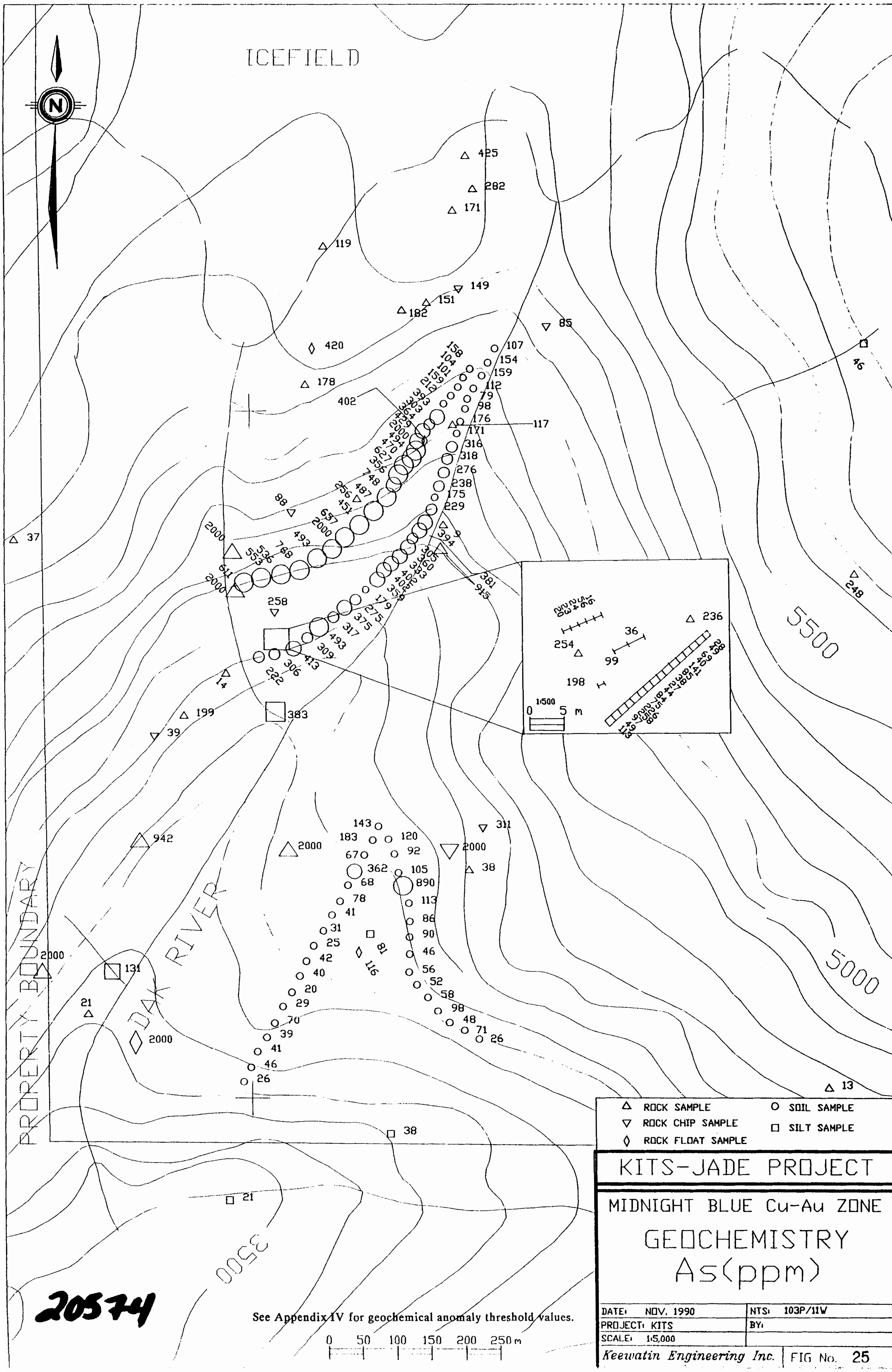
See Appendix IV for geochemical anomaly threshold values.

20574


ICEFIELD
N
PROPERTY BOUNDARY
DAX RIVER
5500
5000
3500
1:500
0 5 m
ROCK SAMPLE
ROCK CHIP SAMPLE
ROCK FLOAT SAMPLE
SOIL SAMPLE
SILT SAMPLE
KITS-JADE PROJECT
MIDNIGHT BLUE Cu-Au ZONE
GEOCHEMISTRY
Pb(ppm)
DATE: NOV. 1990
NTS: 103P/11W
PROJECT: KITS
BY:
SCALE: 1:5,000
Keewatin Engineering Inc.
FIG No. 23
See Appendix IV for geochemical anomaly threshold values.
0 50 100 150 200 250 m
20574



See Appendix IV for geochemical anomaly threshold values.



See Appendix IV for geochemical anomaly threshold values.

20574

(see Appendix III). Portions of the area had previously been sampled by Oliver Gold Corporation in 1989, by Cominco Ltd. in 1985 and the B.C. Geological Survey in 1978.

The objective of the 1990 program was to conduct a more detailed stream silt, soil contour and prospecting evaluation of the Upper Hazelton sequence on the Jade Skuch claims. Work was intended to evaluate both the gold and base metal potential of the area. Significant anomalies outlined by Keewatin Engineering Inc. for the joint venture group in 1989 were followed up with prospecting traverses, contour soil sampling and stream silt sampling.

Significant anomalies are described below:

Jade Lake Area - A total of 54 rocks, 79 soils and 85 silt samples were taken in this area. Three soil contour lines were completed north of Jade Lake at 1,006 m (3,300 feet), 1,128 m (3,700 feet) and 1,120 m (3,675 feet). Samples returned up to 362 ppm Zn (S2904), 231 ppm Zn (S2905), and immediately downslope 90SSS014 assayed 269 ppm Zn. A (500 m) anomaly with values up to 3 ppm Ag (90SSS008) and Zn to 118 ppm was also found. One float sample (90MMF009) northwest of Jade Lake assayed 0.042 opt Au, 10.12% Zn with a number of soils in the area returning >100 ppm Zn. East of Jade Lake sample 90MMC022 assayed 2.85% Zn and 913 ppm Cu. Grab sample 90EER15 assayed 3.323 oz/ton Ag and 0.94% Zn.

White River Area - Nineteen silts and one rock sample were taken in this area. The most significant anomaly was one silt from a tributary flowing south into the White River returning 535 ppm Zn (90SSL161).

Gossan Mountain - Thirty silt samples and 22 rock samples were taken. Silts 90EEL47-49 were anomalous in Cu assaying 165 ppm, 143 ppm and 130 ppm respectively.

Kinskuch River - Several anomalies were followed up with a further 48 rock, 8 soil and 29 silt samples taken. Sample 90EER26 assayed 3.0 oz/ton Ag, 2,665 ppm Pb and 1,169 ppm Zn. Sample 90EER28 assayed 3.2 oz/ton Ag, 2,074 ppm Pb and 1,493 ppm Zn. Sample 90SSR140 assayed 1.64 oz/ton Ag and 1.31% Cu. A silt sample south of the Kinskuch River defined a Zn anomaly over 1,640 feet (500 m) with Zn values of up to 225 ppm Zn (90SSL75).

Lahte Creek - Forty-six rock, 15 soil and 63 silts were taken in the area. All tributaries to Lahte Creek were sampled and anomalies were followed up with prospecting. Silt L3249 (301 ppb

Au), L3229 (339 ppm Zn), 90SSL146 (155 ppb Au) and 90MML020 (105 ppb Au) are four of the most significant. A showing on the boundary of Jade 34 and Dolly Varden Mineral's Claim 1 was sampled with 90ZF23 assaying 1.1% Zn. Prospecting traverses were carried out on the ridges at the headwaters of Lahte Creek. The most significant grab rock samples were 90EER63 (2.15 oz/ton Au, 1.38 oz/ton Ag, 16% Cu), 90ZR68 (0.83 oz/ton Au, 3.69% Cu) and 90ZR 68 (5.14 oz/ton Ag, 11.2% Cu). An extremely anomalous soil (90ZS11) returned values of >10,000 ppm Pb, >50 ppm Ag and 417 ppm Mo.

10.0 CONCLUSIONS

During July through to September a total of 525 rock samples, 319 soil samples, 336 silt samples, 57 drill core samples and 1,015 Trout grid soil samples were collected. The Trout area was also the subject of 10.5 kilometres of Mag/VLF and 6.1 kilometres of Max/Min EM geophysical surveys. No drilling was undertaken in 1990.

The results of the 1990 program outlined significant mineralization in the Trout and Big Bulk-Midnight Blue areas. Potential on the Trout area includes the Kit-Trout stratiform Zn-Pb-Ag horizon, and the Ace-Galena Ag-Pb shear vein. The Big Bulk-Midnight Blue areas cover alkaline porphyry associated Cu-Au mineralization. Up to 26 anomalous rock, silt and soil samples in the Jade-Skuch area require further work.

Respectfully submitted,

KEEWATIN ENGINEERING INC.

David W. Tupper, B.Sc., | Terry L. Tucker, B.Sc.

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APPENDIX I

Statement of Costs

STATEMENT OF COSTS

Labour	$172,153.75
Camp and Equipment Rentals	37,485.00
Radios, Computer, Chainsaw Rentals	2,305.00
Pre-field	1,189.50
Mobilization/Demobilization	8,932.61
Helicopter	91,682.86
Fixed Wing	11,855.97
Expediting, Courier, Telephone	1,074.66
Supplies, Generator, Pump	7,222.33
Maps, Drafting Supplies	4,911.33
Travel, Accommodation	10,908.14
Geophysics	17,142.96
Sample Analysis	32,568.51
TOTAL:	**$409,433.16**

APPENDIX II

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, DAVID W. TUPPER, of 1047 Leyland Street, West Vancouver, British Columbia, do hereby certify that:

1) I am a consulting geologist.

2) I was under subcontract to Keewatin Engineering Inc. of 800 - 900 West Hastings Street, Vancouver, B.C. for the duration of time I worked on this project.

3) I worked on the Kits Property from July 3 to September 8, 1990.

4) I am a graduate of the University of British Columbia (1985) with a Bachelor of Science degree.

5) I have practised my profession continuously since graduation, largely on a contractual basis.

6) I have been employed in mineral exploration since 1979.

5) I am one of the co-authors of the report entitled "Geological, Geophysical and Geochemical Report on the Kits-Jade Project, Kitsault Lake Area, British Columbia, Skeena Mining Division", dated November 25, 1990.

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

Dated at Vancouver, British Columbia this 25th day of November, 1990.

Respectfully submitted,

David W. Tupper, B.Sc.

STATEMENT OF QUALIFICATIONS

I, TERRY L. TUCKER, of 640 Crystal Court, in the City of North Vancouver, in the Province of British Columbia, do hereby certify that:

1) I am a graduate of the University of Alberta, Edmonton, Alberta (1989) with a Bachelor of Science degree (specialization in Geology).

2) That I have been a practising geologist in Canada, Australia and Papua New Guinea since 1987.

3) I was under contract to Keewatin Engineering Inc. of 800 - 900 West Hastings Street, Vancouver, B.C. for the duration of time I worked on this project.

4) I personally participated in the 1990 field program (June 27 to September 23, 1990) on the Kits-Jade project as described in this report.

5) I am one of the co-authors of the report entitled "Geological, Geophysical and Geochemical Report on the Kits-Jade Project, Kitsault Lake Area, British Columbia, Skeena Mining Division", dated November 25, 1990.

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

Dated at Vancouver, British Columbia this 25th day of November, 1990.

Respectfully submitted,

Terry L. Tucker, B.Sc.

APPENDIX III

Sampling, Geochemical Procedures and Statistical Treatment of Data

SAMPLING AND GEOCHEMICAL PROCEDURES

Rock, soil and stream silt samples were collected on the claims. All samples were shipped via Greyhound to Bondar-Clegg and Company Ltd., 130 Pemberton Avenue, North Vancouver, B.C. for sample preparation and analysis.

Rock samples were of four types. Float samples were taken of rocks not in place in outcrop. Grab samples were comprised of single samples of mineralization from outcrop. Chip samples were continuous evenly collected samples across a specified width, generally across mineralization. Panel samples were taken by chipping 10 centimetre spaced lines horizontally and vertically over a one metre square area. Core samples were split, with half taken for the sample. Samples were collected in plastic sample bags and given individual coded numbers. All rock samples were dried (if necessary), crushed and riffled to pulp size, then pulverized to approximately minus -140 mesh at the Bondar-Clegg lab.

Stream silt samples were collected in all drainages encountered that had adequate silt/sand deposits. Often, streams were too short or juvenile in nature and sample material was difficult to collect. Samples were collected by hand in kraft paper sample bags.

Soil samples were collected at 25 or 10 metre spacings along elevation contours and on a random, prospected basis. B-horizon soil was collected where available in kraft paper sample bags. Gossanous soils in scree and talus slopes were often sampled. Samples were collected by mattock, auger or by hand.

Both soil and silt samples were dried, and then sieved to -150 mesh through nylon screens.

All samples were then digested in hot aqua regia and analyzed by Induced Coupled Plasma (I.C.P.) for the following elements: Ag, Pb, Zn, Cu and As, plus three of Sb, Cd, Mn, Sr, Mo, Hg. Samples were also checked for gold (30 grams) by fire assay preconcentration followed by aqua regia digestion, and then analyzed by atomic absorption.

STATISTICAL TREATMENT OF DATA

The geochemical assay data of the elements Au, Ag, Cu, Pb, Zn and As, and analysis of the rock, soil and stream silt samples taken on the property have been systematically reviewed using statistical standard and cumulative histogram plots to best establish threshold values and delineate the anomalous populations in the manner described by Sinclair (1981). Arithmetic or logarithmic plots have been used on the various data according to which could best distinguish background assay populations from anomalous ones. Probability plots generally indicate clear separations of populations or threshold levels. In these cases when probability plots failed to determine thresholds, anomalous assay values were established for single population data by using the statistically derived mean plus two standard deviations. Relevant histograms and probability plots for the silt populations appear on the appropriate geochemistry plans.

The Trout, Big Bulk-Midnight Blue and Jade-Skuch regional areas were considered to be physiographically distinct, the samples from each providing three basic sample population divisions. Division by sample type (rock, soil or silt) compounded the population division. The Trout Grid soils were also statistically treated separately.

APPENDIX IV

1990 Kits-Jade Geochemical Assay Compilation

1990 KITS-JADE GEOCHEMICAL ASSAY COMPILATION

The following abbreviations were used in rock descriptions:

ss	=	sandstone
slt	=	siltstone
diam	=	diamictite
An	=	andesite
Fe	=	iron alteration
calc	=	calcareous
carb	=	carbonate
Si	=	siliceous
ser	=	sericite
chl	=	chlorite
ank	=	ankerite
gn	=	galena
sp	=	sphalerite
mal	=	malachite
cpy	=	chalcopyrite
az	=	azurite
py	=	pyrite
sulp	=	sulphide
Sed	=	sediment
brec	=	brecciated
grn	=	green
f	=	fine
gr	=	grain
tr	=	trace
v	=	very
vn	=	vein
sh	=	shear
cong	=	conglomerate
volc	=	volcanic

KITSAULT PROJECT - REGIONAL ROCK GEOCHEMISTRY (197 SAMPLES)

STATISTICAL SUMMARY - NOVEMBER, 1990

	Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Ba (ppm)	Sb (ppm)	Mn (%)
No.	183	177	177	183	175	183	165	188	137
Min.	2.5	0.1	1	2	0.5	2.5	2.5	2.5	0.005
Max.	131	8.0	234	1,781	460	357	377	96	0.38
Mean	16	1.4	39	150	76	56	104	12	0.09
Std. Dev.	25	1.4	50	247	86	76	91	15	0.08
X + 1 S.D.	41	2.8	89	397	162	132	195	27	0.17
X + 2 S.D.	66	4.2	139	644	248	208	286	42	0.25
X + 3 S.D.	91	5.6	189	891	334	284	377	57	0.33
Threshold from Com. Freq. Plot.									
<u>Plot Symbols</u> ▲	<50	<2.8	<90	<400	<160	<130	<200	<20	<0.20
▲	40-65	2.8-4.2	90-140	400-600	160-250	130-200	200-300	30-40	0.20-0. 25
▲	>65	>4.2	>140	>600	>250	>200	>300	>40	>0.25

KITSAULT PROJECT - REGIONAL SOIL GEOCHEMISTRY (160 SAMPLES)

STATISTICAL SUMMARY - NOVEMBER, 1990

	Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Ba (ppm)	Sb (ppm)	Mn (%)
No.	155	159	155	148	155	151	82	109	139
Min.	2.5	0.1	3	15	0.5	2.5	19	2.5	0.01
Max.	50	5.8	87	239	180	128	600	20	0.71
Mean	7.6	1.0	16	98	46	30	194	5	0.15
Std. Dev.	9.4	0.9	14	53	38	26	147	4	0.15
X + 1 S.D.	17	1.9	30	151	84	56	341	9	0.30
X + 2 S.D.	16.4	2.8	44	204	122	82	488	13	0.45
X + 3 S.D.	35.8	3.7	58	257	160	108	635	17	0.60
Threshold from Com. Freq. Plot.									
Plot Symbols ●	<16	<2	<30	<150	<80	<50	<340	<9	<0.30
●	16-26	2-3	30-45	150-200	80-120	50-80	340-480	9-13	0.30-0.45
●	26-36	3-4	45-60	200-250	120-160	80-110	480-620	13-17	0.45-0.60
●	>36	>4	>60	>250	>160	>110	>620	>17	>0.60

KITSAULT PROJECT - REGIONAL SILT GEOCHEMISTRY (259 SAMPLES) STATISTICAL SUMMARY - NOVEMBER, 1990									
	Au (ppb)	**Ag (ppm)**	**Pb (ppm)**	**Zn (ppm)**	**Cu (ppm)**	**As (ppm)**	**Ba (ppm)**	**Sb (ppm)**	**Mn (%)**
No.	248	256	251	24‘	248	248	166	244	194
Min.	2.5	0.1	1	67	5	2.5	58	2.5	0.03
Max.	39	2.0	44	296	117	94	542	17	0.94
Mean	9	0.8	16	150	59	28	198	6.5	0.22
Std. Dev.	8	0.3	8	48	25	20	98	3.8	0.15
X + 1 S.D.	17	1.1	24	198	84	48	296	10.3	0.37
X + 2 S.D.	25	1.4	32	246	109	68	394	14.1	0.52
X + 3 S.D.	33	1.7	40	294	131	88	492	17.9	0.67
Threshold from Com. Freq. Plot.	0.8044	0.2240	1.5535	2.3525	1.9161	0.7715	2.5365	0.6736	1.0775
Plot Symbols									
□	<20	<1.1	<20	<200	<80	<50	<300	<10	<0.4
■	20-25	1.1-1.4	20-30	200-250	80-110	50-70	300-400	10-14	0.4-0.5
■	25-30	1.4-1.7	30-40	250-300	110-130	70-90	400-500	14-18	0.5-0.6
■	>35	>1.7	>40	>300	>130	>90	>500	>18	>0.6

BIG BULK AND MIDNIGHT BLUE - ROCK GEOCHEMISTRY (201 SAMPLES) STATISTICAL SUMMARY - NOVEMBER, 1990									
	Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Ba (ppm)	Sb (ppm)	Mn (%)
No.	171	182	190	180	160	182	188	188	141
Min.	2.5	0.1	1	3	18	2.5	2.5	2.5	0.005
Max.	400	8.0	626	2,961	1,760	358	192	88	0.28
Mean	82	2.2	53	220	444	78	52	13	0.08
Std. Dev.	93	1.8	107	460	477	86	45	16	0.08
X + 1 S.D.	175	4.0	160	680	920	164	97	29	0.15
X + 2 S.D.	268	5.8	267	1,140	1,400	250	142	45	0.22
X + 3 S.D.	361	7.6	374	1,600	1,880	336	187	61	0.29
Threshold from Com. Freq. Plot.	2.04	0.54	2.11	2.52	2.90	2.40			
Plot Symbols									
▲	<175	<4.0	<160	<680	<920	<160	<100	<30	<0.15
▲	175-250	4.0-6.0	160-270	680-1,140	920-1,400	160-250	100-150	30-45	0.15-0.20
▲	<250	>6.0	>270	>1,140	>1,400	>250	>150	>45	>0.20

BIG BULK AND MIDNIGHT BLUE - SOIL GEOCHEMISTRY (143 SAMPLES)

STATISTICAL SUMMARY - NOVEMBER, 1990

	Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Ba (ppm)	Sb (ppm)	Mn (%)
No.	113	124	135	124	82	123	52	134	50
Min.	2.5	0.1	4	19	20	2.5	35	2.5	0.005
Max.	119	4.0	146	494	345	394	428	20	0.330
Mean	50	1.8	50	180	130	110	168	8.4	0.14
Std. Dev.	40	1.0	40	130	80	110	103	4.6	0.09
X + 1 S.D.	90	2.8	90	310	210	220	271	13	0.23
X + 2 S.D.	130	3.8	130	440	290	330	374	17.6	0.32
X + 3 S.D.	170	4.8	170	570	370	440	477	22.2	0.41
Threshold from Com. Freq. Plot.									
<u>Plot Symbols</u>									
○	<90	<3	<90	<310	<210	<220	<270	<13	<0.2
•	90-130	3-4	90-130	310-440	210-300	220-330	270-370	13-18	0.2-0.3
●	130-170	4-5	130-170	440-560	300-380	330-440	370-470	18-22	0.3-0.4
⬤	>170	>5	>170	>560	>380	>440	>470	>22	>0.4

BIG BULK AND MIDNIGHT BLUE - SILT GEOCHEMISTRY (26 SAMPLES)

STATISTICAL SUMMARY - NOVEMBER, 1990

	Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Ba (ppm)	Sb (ppm)	Mn (%)
No.	26	26	26	26	24	26	22	25	22
Min.	2.5	0.1	9	64	71	2.5	7	2.5	0.08
Max.	262	3.3	156	326	899	383	372	19	0.28
Mean	78	1.5	37	168	330	65	146	9.4	0.159
Std. Dev.	86	0.8	30	73	248	78	122	5.5	0.045
X + 1 S.D.	164	2.3	67	241	578	143	268	14.9	0.204
X + 2 S.D.	250	3.1	97	314	908	221	390	20.4	0.249
X + 3 S.D.	336	3.9	127	387	1156	299	512	25.9	0.294
Threshold from Com. Freq. Plot.									
Plot Symbols □	<50	<1.5	<40	<240	<280	<90	<250	<15	<0.20
▪	50-80	1.5-2.0	40-50	240-310	280-390	90-120	250-400	15-20	0.20-0.25
◼	80-110	2.0-2.5	50-60	310-380	390-500	120-150	400-500	20-25	0.25-0.30
■	>110	>2.5	>60	>380	>500	>150	>500	>25	>0.30

KEEWATIN ENGINEERING INC.

KITSAULT PROJECT
COMPILATION OF ROCK, SOIL, SILT, DRILLCORE GEOCHEM/ASSAY RESULTS
ANALYSES BY BONDAR-CLEGG, VANCOUVER
TLT, NOVEMBER 1990

SAMPLE TYPE	SAMPLER	AREA CODE	
D - DRILLCORE	EE - TERRY TUCKER	B - BIG BULK	M - MIDNIGHT BLUE
F - FLOAT	SS - STEVE CREELMAN	D - DILLYWACKER	N - NISKA
C - CHIP	Z - DAVE TUPPER	G - GOSSAN MOUNTAIN	S - SAULT
R - GRAB	MM - MIKE RENNING	J - JADE LAKE	T - TROUT
L - SILT	TS - TIM SANDBERG	K - KINSKUCH RIVER	W - WHITE RIVER
S - SOIL	KW - KEVIN WEBB	L - LAHTE CREEK	
	AH - ALLAN HANSON		
	## - CLINTON FREDRICKSON		

SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
S2776	N			22		0.3		6		9		35		19	-5	0.03			6					
S2777	N			14		0.4		1		17		34		17	-5	0.03			-5					
S2778	N			-5		0.7		25		11		70		47	-5	0.15			-5					
S2779	N			6		0.9		40		15		261		123	-5	0.13			9					
S2780	N			8		0.6		26		29		181		32	-5	0.17			10					
S2781	N			-5		0.4		27		11		96		42	-5	0.07			7					
S2782	N			23		0.5		20		10		96		38	-5	0.05			7					
S2783	N			-5		0.3		4		10		146		428	-5	0.04			-5					
S2784	N			-5		2.1		13		27		287		38	-5	0.08			-5					
S2785	N			7		0.3		4		13		35		13	-5	0.02			-5					
S2786	N			-5		0.3		14		21		108		42	-5	0.71			10					
S2787	N			-5		0.3		38		11		146		38	-5	0.09			6					
S2788	N			-5		0.6		31		14		137		39	-5	0.13			7					
S2789	N			-5		0.4		25		17		144		41	-5	0.15			8					
S2790	N			-5		0.3		-1		33		95		40	-5	0.22			-5					
S2791	N			-5		0.3		4		25		69		42	-5	0.04			6					
S2792	N			-5		0.6		17		14		117		33	-5	0.08			7					
S2793	N			-5		0.8		29		24		204		40	-5	0.16			9					
S2794	N			-5		1.3		20		164		521		324	-5	0.91			9					
S2795	N			-5		1		-1		87		147		101	-5	0.08			5					
S2796	N			-5		0.4		2		18		34		18	-5	0.02			-5					
S2797	N			-5		0.5		25		10		69		36	6	0.07			5					
S2798	N			-5		0.5		16		30		142		80	8	0.36			7					
S2799	N			-5		1.5		43		19		389		69	7	0.3			8					
S2800	N			-5		0.5		12		10		140		31	-5	0.03			7					
S2897	N			-5		0.3		13		13		71		25	-5	0.03			-5					
S2898	N			-5		0.5		6		8		36		13	-5	0.03			5					
S2899	N			10		0.6		34		12		107		51	-5	0.23			6					
S2900	J			8		1		95		16		104		32		0.16	230	64						
S2901	J			33		1.5		117		14		122		55		0.15	209	52						
S2902	J			-5		0.5		18		7		33		7		0.02	47	3						

KEEWATIN ENGINEERING INC.

KITSAULT PROJECT
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ANALYSES BY BONDAR-CLEGG, VANCOUVER
TLT, NOVEMBER 1990

SAMPLE TYPE
D - DRILLCORE
F - FLOAT
C - CHIP
R - GRAB
L - SILT
S - SOIL

SAMPLER
EE - TERRY TUCKER
SS - STEVE CREELMAN
Z - DAVE TUPPER
MM - MIKE RENNING
TS - TIM SANDBERG
KW - KEVIN WEBB
AH - ALLAN HANSON
- CLINTON FREDRICKSON

AREA CODE
B - BIG BULK
D - DILLYWACKER
G - GOSSAN MOUNTAIN
J - JADE LAKE
K - KINSKUCH RIVER
L - LAHTE CREEK
M - MIDNIGHT BLUE
N - NISKA
S - SAULT
T - TROUT
W - WHITE RIVER

SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
S2903	J			-5		1.4		82		13		182		9		0.21	156	15						
S2904	J			20		5		65		18		362		82		0.39	352	21						
S2905	J			-5		0.8		42		6		231		12		0.2	127	8						
S2906	J			-5		0.5		32		7		66		14		0.04	296	7						
S2907	J			-5		0.4		51		5		71		8		0.02	567	7						
S2908	J			-5		1.2		45		14		98		7		0.66	482	18						
S2909	J			28		2.7		206		15		155		31		0.42	1196	44						
L2910	J			-5		0.6		65		9		107		-5		0.19	394	34						
S2911	J			-5		0.6		58		10		46		-5		0.05	127	1						
S2912	J			-5		3.2		27		6		21		-5		0.01	306	6						
S2913	J			-5		1.4		45		12		45		13		0.03	66	4						
S2914	J			-5		0.7		24		7		83		-5		0.04	126	12						
S2915	J			-5		0.2		29		4		34		19		0.01	84	6						
S2916	J			-5		1.1		33		12		61		16		0.06	62	5						
S2917	J			-5		0.5		27		13		50		10		0.03	89	4						
S2918	J			-5		1		70		11		82		7		0.16	129	5						
S2919	J			-5		0.2		15		8		46		-5		0.09	90	5						
S2920	J			-5		0.5		26		7		35		-5		0.03	122	6						
S2921	J			-5		1		63		5		44		-5		0.26	104	6						
S2922	J			-5		0.8		33		14		36		15		0.11	60	10						
S2923	J			-5		0.7		35		5		69		-5		0.05	91	23						
S2924	J			-5		1.1		41		13		85		6		0.03	71	5						
S2925	J			-5		1		52		13		81		18		0.44	55	6						
S2926	J			21		1.2		99		11		104		13		0.09	104	22						
L2927	J			-5		0.8		49		11		148		17		0.43	184	33						
S2928	J			-5		0.8		55		7		97		10		0.1	277	15						
S2929	J			-5		0.3		16		4		29		-5		0.02	42	3						
S2930	J			9		0.8		50		15		162		32		0.41	396	49						
S2931	T			8		0.5		38		9		61		32	-5	0.03			-5					
S2932	T			-5		-0.2		29		10		53		55	7	0.03			-5					
S2933	T			-5		0.3		29		7		93		37	-5	0.03			9					

KEEWATIN ENGINEERING INC.

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TLT, NOVEMBER 1990

SAMPLE TYPE
D - DRILLCORE
F - FLOAT
C - CHIP
R - GRAB
L - SILT
S - SOIL

SAMPLER
EE - TERRY TUCKER
SS - STEVE CREELMAN
Z - DAVE TUPPER
MM - MIKE RENNING
TS - TIM SANDBERG
KW - KEVIN WEBB
AH - ALLAN HANSON
- CLINTON FREDRICKSON

AREA CODE
B - BIG BULK
D - DILLYWACKER
G - GOSSAN MOUNTAIN
J - JADE LAKE
K - KINSKUCH RIVER
L - LAHTE CREEK
M - MIDNIGHT BLUE
N - NISKA
S - SAULT
T - TROUT
W - WHITE RIVER

SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
S2934	T			-5		-0.2		31		7		33		30	-5	0.03			-5					
S2932	T			-5		0.7		34		3		34		21	-5	0.03			-5					
S2936	T			-5		-0.2		91		8		79		49	-5	0.11			-5					
S2937	T			-5		0.4		45		14		90		60	-5	0.19			-5					
S2938	T			-5		-0.2		7		10		-1		8	-5	0.02			-5					
S2939	T			-5		-0.2		63		6		49		34	-5	0.06			-5					
S2940	T			12		-0.2		147		14		68		22	-5	0.12			-5					
S2941	T			-5		-0.2		30		12		54		47	5	0.06			-5					
S2942	N			-5		-0.2		12		9		35		34	-5	0.03			-5					
S2943	N			12		0.5		30		12		72		47	-5	0.48			6					
S2945	N			-5		0.7		20		8		62		24	-5	0.05			-5					
S2946	N			-5		0.5		11		14		54		24	-5	0.45			5					
S2947	N			-5		0.5		11		8		33		38	-5	0.03			-5					
S2948	N			-5		0.4		10		17		109		42	-5	0.3			6					
S2949	N			-5		1.1		20		6		73		25	-5	0.1			5					
S2950	N			-5		0.3		-1		7		35		26	-5	0.02			-5					
S3000	N			-5		0.4		11		12		72		26	-5	0.1			6					
S3001	N			-5		0.6		19		15		98		36	6	0.22			9					
S3002	N			-5		0.7		13		8		34		26	-5	0.03			-5					
S3003	N			-5		0.7		28		15		70		33	5	0.23			5					
S3004	N			-5		0.6		39		25		214		59	12	0.27			-5					
S3005	N			-5		0.4		19		14		96		52	-5	0.07			6					
S3006	N			5		0.3		28		8		109		40	-5	0.06			8					
S3007	N			-5		0.6		24		13		75		50	-5	0.1			-5					
S3008	N			-5		-0.2		21		7		70		38	-5	0.03			-5					
S3009	N			-5		-0.2		25		15		89		59	-5	0.07			-5					
S3010	N			-5		0.4		24		12		147		44	-5	0.08			-5					
S3011	N			-5		0.5		29		11		109		50	5	1			9					
S3012	N			-5		0.5		26		12		106		48	7	0.43			8					
S3013	N			-5		0.4		24		8		137		44	-5	0.08			8					
S3014	N			-5		0.5		29		11		98		47	-5	0.14			8					

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TLT, NOVEMBER 1990

SAMPLE TYPE	SAMPLER	AREA CODE	
D - DRILLCORE	EE - TERRY TUCKER	B - BIG BULK	M - MIDNIGHT BLUE
F - FLOAT	SS - STEVE CREELMAN	D - DILLYWACKER	N - NISKA
C - CHIP	Z - DAVE TUPPER	G - GOSSAN MOUNTAIN	S - SAULT
R - GRAB	MM - MIKE RENNING	J - JADE LAKE	T - TROUT
L - SILT	TS - TIM SANDBERG	K - KINSKUCH RIVER	W - WHITE RIVER
S - SOIL	KW - KEVIN WEBB	L - LAHTE CREEK	
	AH - ALLAN HANSON		
	## - CLINTON FREDRICKSON		

SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
S3015	N			-5		2.2		34		6		147		36	-5	0.12			-5					
L3128	L			18		0.8		49		26		157		10	-5	0.25	469							
L3129	L			9		1.7		53		24		339		22	-5	1.21	1237							
L3130	L			12		0.9		43		25		231		39	-5	0.51	596							
L3131	L			9		0.9		63		34		249		22	5	0.3	443							
L3132	L			6		0.8		49		21		145		-5	6	0.08	412							
L3133	L			9		1		67		27		140		-5	7	0.17	379							
L3134	L			7		0.7		40		9		98		8	8	0.18	162							
L3135	L			26		0.7		57		12		115		-5	5	0.14	298							
S3136	B			70		2.3		172		48		143		92	9	0.14	161							
L3137	B			108		2		211		50		184		71	19	0.18	196							
S3138	B			32		1.1		339		20		140		32	-5	0.18	110							
S3139	B			113		2		170		72		121		95	13	0.06	178							
S3140	B			429		1.6		154		41		108		82	7	0.12	244							
S3141	B			110		1.7		458		73		288		72	12	0.14	35							
L3142	B			262		2.1		624		37		198		82	14	0.12	27							
S3143	B			135		1.7		710		52		169		71	15	0.15	39							
S3144	B			214		2.2		610		24		121		75	15	0.11	23							
L3145	L			53		1		94		18		121		-5	6	0.11	122							
L3146	L			9		0.6		40		13		102		12	-5	0.11	115							
L3147	L			6		0.6		58		18		106		15	8	0.11	186							
L3148	L			53		0.8		39		15		117		20	8	0.25	183							
L3149	L			301		0.8		69		20		125		20	5	0.13	217							
L3150	L			16		0.6		34		14		74		32	5	0.08	199							
L3251	L			15		0.5		27		13		82		39	-5	0.07	148							
L3252	L			9		0.6		48		14		111		28	-5	0.14	180							
L3253	L			-5		0.6		31		15		104		13	7	0.1	154							
L3254	L			9		0.7		38		10		88		-5	5	0.17	203							
L3255	L			18		0.9		75		16		117		12	7	0.14	234							
L3256	L			6		0.6		28		11		104		-5	7	0.13	174							
L3257	J			11		1.1		93		14		136		32	5						2			0.117

KEEWATIN ENGINEERING INC.

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TLT, NOVEMBER 1990

SAMPLE TYPE	SAMPLER	AREA CODE	
D - DRILLCORE	EE - TERRY TUCKER	B - BIG BULK	M - MIDNIGHT BLUE
F - FLOAT	SS - STEVE CREELMAN	D - DILLYWACKER	N - NISKA
C - CHIP	Z - DAVE TUPPER	G - GOSSAN MOUNTAIN	S - SAULT
R - GRAB	MM - MIKE RENNING	J - JADE LAKE	T - TROUT
L - SILT	TS - TIM SANDBERG	K - KINSKUCH RIVER	W - WHITE RIVER
S - SOIL	KW - KEVIN WEBB	L - LAHTE CREEK	
	AH - ALLAN HANSON		
	## - CLINTON FREDRICKSON		

SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
L3258	J			18		1		87		11		129		24	-5						2			0.081
L3259	J			21		1.1		88		10		129		30	-5						2			0.09
L3260	J			11		1.1		90		12		133		24	7						2			0.095
L3261	J			9		1.1		85		14		157		21	6						2			0.095
L3263	J			11		1.1		90		8		124		29	-5						2			0.096
L3264	J			14		0.7		84		11		122		18	8						2			0.08
L3265	J			12		0.8		93		12		119		23	11						2			0.098
L3266	J			12		0.7		86		11		128		14	6						2			0.078
L3267	J			18		0.8		85		13		151		15	7						2			0.079
L3268	J			15		1.1		82		17		196		16	10						6			0.134
L3269	J			20		1.1		81		14		166		18	10						5			0.107
L3270	J			12		0.8		90		12		128		16	10						-1			0.086
L3271	J			12		0.8		86		12		128		21	6						2			0.092
L3272	J			12		0.7		84		11		121		20	12						2			0.09
L3273	J			12		0.8		84		12		120		14	16						1			0.091
L3274	J			13		0.9		87		13		123		21	8						2			0.102
L3275	J			12		0.9		79		12		119		18	10						2			0.095
S3300	M			17		1.3		54		41		166		26	9						3			0.181
S3301	M			50		2.6		120		76		341		71	18						4			0.516
S3302	M			25		2		112		68		342		48	12						3			0.252
S3303	M			114		3.5		225		118		1353		98	14						8			1.332
S3304	M			33		1.7		135		57		322		58	10						3			0.387
S3305	M			46		1.7		163		79		252		52	9						4			0.363
S3306	M			14		1.5		113		58		289		56	8						3			0.262
S3307	M			23		1.5		105		67		256		46	9						2			0.253
S3308	M			28		2.2		129		154		572		90	12						4			0.601
S3309	M			29		1.9		130		116		814		86	15						4			0.88
S3310	M			42		2.1		136		83		860		113	13						3			0.753
S3311	M			325		6		587		114		1772		890	18						11			2.901
S3312	M			72		2.2		225		46		262		105	10						3			0.417
S3313	M			78		2.2		183		71		532		92	12						3			0.715

KEEWATIN ENGINEERING INC.

KITSAULT PROJECT
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TLT, NOVEMBER 1990

SAMPLE TYPE
- D - DRILLCORE
- F - FLOAT
- C - CHIP
- R - GRAB
- L - SILT
- S - SOIL

SAMPLER
- EE - TERRY TUCKER
- SS - STEVE CREELMAN
- Z - DAVE TUPPER
- MM - MIKE RENNING
- TS - TIM SANDBERG
- KW - KEVIN WEBB
- AH - ALLAN HANSON
- ## - CLINTON FREDRICKSON

AREA CODE
- B - BIG BULK
- D - DILLYWACKER
- G - GOSSAN MOUNTAIN
- J - JADE LAKE
- K - KINSKUCH RIVER
- L - LAHTE CREEK
- M - MIDNIGHT BLUE
- N - NISKA
- S - SAULT
- T - TROUT
- W - WHITE RIVER

SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
S3314	M			43		2		195		27		472		120	13						3			0.349
S3315	M			70		1.7		154		25		288		143	11						2			0.16
S3316	M			126		1.8		133		30		101		183	9						6			0.216
S3317	M			22		1.1		49		14		52		67	6						2			0.158
S3318	M			642		2.6		227		53		168		362	9						8			0.442
S3319	M			24		1		65		16		78		68	-5						3			0.106
S3320	M			41		1.3		83		28		126		78	6						4			0.222
S3321	M			18		1		67		17		78		41	6						3			0.138
S3322	M			13		0.8		67		11		96		31	-5						2			0.107
S3323	M			7		0.7		66		13		162		25	6						2			0.077
S3324	M			12		0.8		108		14		132		42	5						2			0.124
S3325	M			14		0.9		43		11		68		40	-5						2			0.148
S3326	M			11		0.8		56		14		112		20	8						2			0.085
S3327	M			-5		1		42		10		91		29	-5						2			0.084
S3328	M			6		1.6		100		19		104		70	7						2			0.201
S3329	M			6		1		56		10		96		39	8						2			0.175
S3330	M			8		1.2		96		23		127		41	12						3			0.235
S3331	M			29		1.1		195		17		134		46	6						2			0.19
S3332	M			12		0.9		120		14		102		26	5						1			0.119
L3333	W			21		0.7		30		9		145		-5	-5						1			0.063
L3334	W			-5		0.6		28		7		110		20	-5						-1			0.087
L3336	W			-5		0.9		76		13		173		22	-5						2			0.162
L3337	W			-5		1.9		39		13		427		27	-5						4			0.103
L3338	W			-5		1.3		49		12		340		33	5						3			0.131
L3340	W			6		0.9		47		11		194		19	8						2			0.104
L3341	W			-5		0.8		43		11		146		17	-5						2			0.075
L3342	T			7		0.9		20		20		207		55	8	0.33	275							
L3343	T			9		0.7		35		11		187		24	-5	0.26	432							
L3344	T			15		1.3		57		25		238		316	14	0.36	496							
L3345	T			-5		0.8		35		12		205		26	-5	0.31	488							
L3346	T			5		4.8		62		16		227		47	10	0.33	197							

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TLT, NOVEMBER 1990

SAMPLE TYPE

D - DRILLCORE
F - FLOAT
C - CHIP
R - GRAB
L - SILT
S - SOIL

SAMPLER

EE - TERRY TUCKER
SS - STEVE CREELMAN
Z - DAVE TUPPER
MM - MIKE RENNING
TS - TIM SANDBERG
KW - KEVIN WEBB
AH - ALLAN HANSON
- CLINTON FREDRICKSON

AREA CODE

B - BIG BULK
D - DILLYWACKER
G - GOSSAN MOUNTAIN
J - JADE LAKE
K - KINSKUCH RIVER
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SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
L3347	T			17		1.2		45		18		759		46	11	0.41	383							
L3348	T			9		1.1		29		24		200		111	12	0.33	490							
L3349	T			12		0.7		27		11		137		9	-5	0.28	2000							
L3350	T			-5		3.2		35		778		1064		157	27	0.32	306							
R3385	B			12		1		1518		-2		104		-5	-5	0.05	226		-1			1.3	1020	
R3386	B			9		1.1		972		-2		52		10	5	0.05	81		-1			6.5	711	
R3387	B			31		0.9		79		-2		8		46	-5	0.05	34		-1			10	829	
R3388	B			13		0.5		144		-2		24		17	-5	0.03	46		-1			10	805	
R3389	B			18		1		69		-2		9		25	-5	0.12	34		-1			10	598	
R3390	B			8		0.9		212		-2		92		25	-5	0.07	28		-1			1.7	478	
R3391	B			8		1		50		-2		137		11	-5	0.08	34		-1			3	521	
R3392	B			12		1		84		-2		154		34	-5	0.13	32		-1			1.5	461	
R3393	B			21		0.9		313		-2		36		-5	-5	0.08	720		-1			0.6	608	
R3394	B			82		0.9		1360		-2		27		-5	7	0.05	253		-1			1	411	
R3395	B			547		1.4		1118		-2		73		448	317	0.1	77		-1			0.5	489	
R3396	B			213		2.7		4284		-2		23		23	-5	0.07	29		-1			2.3	438	
R3397	B			22		0.5		160		-2		23		-5	12	0.08	111		-1			0.5	655	
R3398	B			39		1.8		207		-2		315		62	8	0.34	30		-1			0.9	496	
R3399	B			8		0.6		18		-2		129		30	-5	0.32	93		-1			-0.1	432	
R3400	B			21		0.8		126		-2		147		107	7	0.43	52		-1			0.3	626	
R3401	B			135		2.1		35		-2		153		173	9	0.19	47		-1			0.6	635	
D34951	T	1.1	qtz vn, 1% py-1	-5		1.2		12		249		496		39	8		77			6				
D34952	T	1.1	f.gr.slt,1%py-1	11		2.3		33		752		2260		71	28		242			34				
D34953	T	1.1	si py brec -2	-5		1.1		11		81		253		466	16		66			-1				
D34954	T	1.1	slt/sh -3	-5		3.9		27		1913		3558		152	28		145			51				
D34955	T	0.8	as above -3	-5		8.6		54		6358		12926		168	67		122			263				
D34956	T	1.0	diam -4	8		4		12		274		1502		257	36		54			2				
D34957	T	1.1	An, 1% py -4	-5		4.9		31		332		1285		345	57		86			10				
D34958	T	1.0	as above -4	9		2.6		9		62		893		289	57		62			-1				
D34959	T	1.0	as above -4	173		1.3		8		46		675		95	20		181			-1				
D34960	T	1.0	as above -4	-5		1		15		44		433		92	10		190			-1				

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SAMPLE TYPE	SAMPLER	AREA CODE	
D - DRILLCORE	EE - TERRY TUCKER	B - BIG BULK	M - MIDNIGHT BLUE
F - FLOAT	SS - STEVE CREELMAN	D - DILLYWACKER	N - NISKA
C - CHIP	Z - DAVE TUPPER	G - GOSSAN MOUNTAIN	S - SAULT
R - GRAB	MM - MIKE RENNING	J - JADE LAKE	T - TROUT
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SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
D34962	T	1.3	dk sed 1% py -5	-5		8.7		41		4130		1791		637	79		71			30				
D34963	T	0.9	An 1%py,1%gn -5	-5		22.8		90		10000	1.73	4338		860	153		58			105				
D34964	T	0.8	Sed tr sp,gn -5	-5		9.6		39		8644		4034		636	110		81			60				
D34965	T	1.9	diam tr sulp -6	-5		5.3		24		1841		12603		351	67		51			203				
D34966	T	1.0	grn An -6	-5		4.4		33		3253		10127		176	67		172			140				
D34967	T	1.0	diam v calc -7	14		30.4		34		10000	1.01	1548		214	73		157			26				
D34968	T	1.0	diam v calc -7	-5		50	2.01	40		10000	1.5	5233		273	117		149			106				
D34969	T	1.0	as above -7	6		20		18		6074		10738		478	104		115			240				
D34970	T	1.0	as above -7	18		4.4		15		2207		9043		643	69		47			184				
D34971	T	1.4	diam 1% py -8	-5		1		16		56		712		36	14		294			-1				
D34972	T	1.4	as above -8	203		1		13		59		708		22	13		305			-1				
D34973	T	1.3	as above -8	-5		1.1		14		47		685		19	10		354			-1				
D34974	T	1.5	as above -8	-5		43.9		27		5940		393		51	30		360			-1				
D34975	T	0.9	qtz vn 1% py -9	29		12		55		4113		5237		238	70		62			148				
D35001	T	2.0	Si An qtz vn -9	-5		32.3		177		3786		6851		1044	172		22			204				
D35002	T	1.6	as above -9	-5		10.5		84		2016		1492		766	72		32			7				
D35003	T	1.4	An 2% py -10	-5		2.2		8		82		1279		1090	118		20			2				
D35004	T	1.4	An 2% py -10	-5		13.8		29		679		3461		641	62		27			26				
D35005	T	1.6	An 2% py -11	26		5.7		20		884		4398		172	29		85			36				
D35006	T	1.6	An 2% py -11	13		9.5		35		2281		2782		335	56		62			52				
D35626	S		An 10% py	10		6		40		372		1007		295	31		40			14				
D35627	S		footwall An	-5		2		23		80		597		27	9		227			4				
D35628	S		footwall An	-5		1.6		13		63		630		11	7		331			4				
D35629	S		footwall An	-5		3.4		28		257		965		29	15		251			14				
D35630	S		footwall An	-5		13.4		50		1698		2777		292	38		30			44				
D35631	S		footwall An	-5		1.1		11		41		586		38	7		323			2				
D35632	S		footwall An	-5		2.4		30		134		708		43	13		230			7				
D35633	S		footwall An	7		14.1		126		1468		4331		77	31		223			136				
D35634	S		footwall An	-5		1.7		28		131		1137		44	9		544			11				
D35635	S		footwall An	6		11		54		1234		2243		94	21		204			46				
D35636	S		footwall An	-5		2.3		29		195		1461		18	11		273			15				

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SAMPLE TYPE	SAMPLER	AREA CODE	
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SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
D35637	S		footwall An	-5		1.7		15		83		1073		23	7		297			8				
D35638	S		footwall An	-5		10.5		45		1486		2164		188	27		63			36				
D35639	S		as above 3%py	-5		20.6		217		2055		4492		394	58		34			120				
D35640	S		footwall An	7		4.7		54		575		1052		108	18		92			20				
D35641	S		footwall An	-5		1.4		14		52		321		37	8		288			1				
D35642	S		Si An tr py gn	-5		2.9		21		141		376		56	13		182			3				
D35643	S		as above py	15		19.7		60		2721		2378		263	48		34			37				
D35644	S		Si An	30		9.1		32		1043		816		244	25		41			11				
D35645	S		Si An	50		29.7		69		7406		3101		463	66		35			53				
D35646	S		Si An py gn	128		50	1.87	178		10000	2.39	7749		390	92		58			155				
D35647	S		Si An py gn	42		9.1		34		4082		1518		123	22		121			38				
D35648	S		andesite	45		3.2		30		734		530		24	14		147			9				
D35649	S		andesite	-5		1		37		38		199		33	11		167			-1				
D35650	S		andesite	9		8		43		648		928		203	32		42			10				
D35651	S		Si An with sp	-5		9.6		67		1625		2282		225	32		30			37				
D35652	S		Si An with sp	-5		2		41		140		337		90	17		54			-1				
90AH 1S	B			-5		0.7		67		12		62		16	-5	0.09	85							
90AH 2S	B			-5		0.9		28		8		38		19	-5	0.05	69							
90AH 3S	B			-5		0.8		38		9		86		10	-5	0.17	145							
90AH 4S	B			-5		0.7		62		10		75		15	-5	0.36	140							
90AH 5S	B			16		1		282		31		47		20	5	0.26	79							
90AH 6S	B			22		0.8		378		12		71		23	-5	0.15	167							
90AH 7S	B			188		1.9		269		10		19		10	6	0.01	57							
90AH 4AS	B			-5		0.6		33		11		36		8	-5	0.07	99							
90AH 10S	B			56		0.5		158		7		34		13	-5	0.07	390							
90AH 11S	B			20		0.8		366		19		112		14	-5	0.2	103							
90AH 12S	B			42		1.7		414		24		80		27	7	0.17	160							
90AH 8L	B			132		1.2		3101		18		101		17	-5	0.16	304							
90AH 9L	B			233		1.6		15279		12		68		17	-5	0.12	423							
90EER-1	B		qtz carb vn mal	289		1.5		4746		7		85		-5	-5	0.08	192	33						
90-EE-C1	T	1.0	An with 2% py	26		24.1		66		4357		578		1082		0.08	51	9						

KEEWATIN ENGINEERING INC.

KITSAULT PROJECT
COMPILATION OF ROCK, SOIL, SILT, DRILLCORE GEOCHEM/ASSAY RESULTS
ANALYSES BY BONDAR-CLEGG, VANCOUVER
TLT, NOVEMBER 1990

SAMPLE TYPE	SAMPLER	AREA CODE	
D - DRILLCORE	EE - TERRY TUCKER	B - BIG BULK	M - MIDNIGHT BLUE
F - FLOAT	SS - STEVE CREELMAN	D - DILLYWACKER	N - NISKA
C - CHIP	Z - DAVE TUPPER	G - GOSSAN MOUNTAIN	S - SAULT
R - GRAB	MM - MIKE RENNING	J - JADE LAKE	T - TROUT
L - SILT	TS - TIM SANDBERG	K - KINSKUCH RIVER	W - WHITE RIVER
S - SOIL	KW - KEVIN WEBB	L - LAHTE CREEK	
	AH - ALLAN HANSON		
	## - CLINTON FREDRICKSON		

SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90EER-2	B		qtz carb 2% py	698		2.2		6195		6		42		9	-5	0.08	72	101						
90EER-3	B		as above, mal	57		0.6		2230		7		44		-5	-5	0.11	154	129						
90EER-4	B		as above,mal az	147		1.6		4823		7		76		8	-5	0.1	55	50						
90EER-5	B		as above	1716	0.052	20.9	0.56	8737		11		347		55	22	0.15	18	36						
90EER-6	B		as above	50		1.3		240		18		79		62	11	0.02	30	11						
90EEF007	J		qtz 10%py float	118		1.1		11		10		129		55	17	-0.01	75	143						
90EEF008	J		as above	35		1.7		70		-2		80		22	55	-0.01	130	163						
90EEC009	J	0.8	qtz 3% py vn	32		1.7		22		4		275		123	9	0.19	71	587						
90EEC10	T	1.2	An 2% py	-5		12.2		34		4056		2515		269	43	0.5			-5					
90EEC11	T	1.1	as above	-5		1.6		18		196		1184		467	35	0.14			-5					
90EEC12	T	0.6	as above	-5		1.2		12		204		626		507	55	0.04			-5					
90EEF13	T		Fe alt An	-5		0.5		25		64		121		59	-5	0.29			-5					
90EER14	N		An Si 2% py	42		10.8		131		928		1781		758	9	0.01			-5					
90EER15	N		clay alt An	131		50	3.32	776		10000	1.32	9375		2000	228	0.07			11					
90EEF-16	K		Fe alt An 2% py	10		0.7		38		38		94		166	8	0.04	34							
90EEF-17	T		qtz vn tr py	42		7.5		14		1722		613		64	76	0.04	70							
90EER-18	T		qtz vn 2% py	66		10.9		6		61		84		809	90	0.03	54							
90EEC-19	T	1.1	An tuff	-5		1		18		598		1735		13	-5	0.13	440							
90EEC-20	T	1.8	Diorite dyke	-5		2.6		14		4458		10270	1.11	277	49	0.58	233							
90EEC-21	T	0.9	Fe alt An20% gn	-5		50	27.55	427		10000	6.45	1731		1302	735	0.03	92							
90EEC-22	T	0.9	slt Fe alt	22		32.1	0.99	70		7876		10590	1.16	1894	342	0.5	223							
90EEF-23	K		qtz vn 2% py	-5		0.9		6		50		15		21	-5	0.03	33							
90EEF-24	K		slt qtz py alt	-5		18.8		33		2326		408		114	43	0.04	256							
90EEF-25	K		qtz vn 1% py	13		5.4		17		166		383		8	13	0.14	120							
90EER-26	K		Fe alt qtz vn	21		50	3.03	126		2665		1169		39	153	0.05	92							
90EER-27	K		2% py An	-5		4.8		-1		159		690		21	10	0.19	123							
90EER-28	K		qtz ser alt 2%py	-5		50	3.2	52		2074		1493		30	128	0.02	118							
90EEF-29	K		2% py ss/slt	-5		1.1		4		58		35		47	13	0.02	228							
90EEF-30	K		2% py ss/slt	-5		1		4		54		59		70	15	0.03	69							
90EEF-31	K		Fe alt qtz vn	66		15.4		15		689		3241		293	11	0.02	21							
90EER-32	K		Si Fe alt An	-5		1.5		2		41		37		123	14	0.02	277							

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SAMPLE TYPE
D - DRILLCORE
F - FLOAT
C - CHIP
R - GRAB
L - SILT
S - SOIL

SAMPLER
EE - TERRY TUCKER
SS - STEVE CREELMAN
Z - DAVE TUPPER
MM - MIKE RENNING
TS - TIM SANDBERG
KW - KEVIN WEBB
AH - ALLAN HANSON
- CLINTON FREDRICKSON

AREA CODE
B - BIG BULK
D - DILLYWACKER
G - GOSSAN MOUNTAIN
J - JADE LAKE
K - KINSKUCH RIVER
L - LAHTE CREEK
M - MIDNIGHT BLUE
N - NISKA
S - SAULT
T - TROUT
W - WHITE RIVER

SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90EEF-33	K		Fe alt with py	-5		1.2		6		103		103		58	9	0.02	50							
90EER-34	K		Fe alt with py	-5		1.1		-1		27		44		46	13	0.02	453							
90EER 35	B		Fe calc alt An	13		0.3		83		57		250		21	-5	0.09	130							
90EER 36	B		Diss py cal alt	37		0.8		303		12		166		-5	7	0.15	62							
90EEC 37	B		Fe qtz alt An	66		0.9		234		14		27		21	-5	-0.01	190							
90EEC 38	B		as above	57		1		273		27		47		6	6	0.02	81							
90EEC 39	B		as above	43		0.8		293		18		48		-5	-5	0.02	65							
90EER 40	B		qtz py ser alt	31		0.6		920		19		105		-5	5	0.1	46							
90EER 41	B		as above An	237		3.9		8423		27		151		6	5	0.12	79							
90EER 42	B		as above	13		0.4		237		6		85		-5	-5	0.1	177							
90EER 43	B		as above	22		0.3		678		12		30		-5	-5	-0.01	43							
90EER 44	B		ser alt An	34		1		991		6		55		-5	8	0.06	22							
90EER 45	B		As above	11		0.7		84		8		43		22	-5	0.04	27							
90EER 46	B		py ser alt qtz	14		0.6		95		9		72		37	-5	0.16	18							
90EER 47	B		Si Fe alt An	109		0.6		639		6		68		11	9	0.15	138							
90EER 48	B		qtz cal py vn	419		1.1		254		63		16		167	36	0.03	33							
90EER 49	B		as above	180		0.7		31		31		11		-5	-5	-0.01	20							
90EER 50	B		calc py ser An	10		0.6		76		56		78		6	-5	0.02	300							
90EER 51	T		gn vn in An	-5		50	11.66	254		8713		441		15	263	0.13	376							
90EER 52	T		Fe alt An tr gn	-5		50	15.28	1893		4777		642		126	948	0.55	74							
90EER 53	T		3% py in An	-5		3.5		28		95		81		248	40	0.02	37							
90 EE R54	M		calc vn tr gn sp	-5		0.5		107		10		6055		13	10	0.08	153							
90 EE C55	M	1.0	as above	90		1.6		213		55		20000	5.76	19	20	0.13	74							
90 EE C56	M	1.0	as above	-5		0.9		144		6		236		8	-5	0.14	122							
90 EE F57	M		qtz py float	3027	0.111	12		1906		191		148		2000	87	0.05	11							
90 EE C58	T	1.0	diamictite	7		2.7		21		3558		12243	1.34	552	90	0.96	167							
90 EE C59	T	1.0	diamictite	18		1.5		19		2456		20000	2.6	507	122	0.95	150							
90 EE R60	T		An with tr py	14		4.5		30		1367		1139		1201	52	0.06	58							
90 EE R61	T		calc An tr py	10		9		49		2666		627		1525	141	0.05	33							
90 EE R62	L		qtz vn in An	113		1.1		185		43		120		214	-5	0.04	146							
90 EE R63	L		massive qtz/cpy	10000	2.146	42.6	1.38	20000	16	27		76		-5	14	0.02	-5							

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TLT, NOVEMBER 1990

SAMPLE TYPE	SAMPLER	AREA CODE	
D - DRILLCORE	EE - TERRY TUCKER	B - BIG BULK	M - MIDNIGHT BLUE
F - FLOAT	SS - STEVE CREELMAN	D - DILLYWACKER	N - NISKA
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R - GRAB	MM - MIKE RENNING	J - JADE LAKE	T - TROUT
L - SILT	TS - TIM SANDBERG	K - KINSKUCH RIVER	W - WHITE RIVER
S - SOIL	KW - KEVIN WEBB	L - LAHTE CREEK	
	AH - ALLAN HANSON		
	## - CLINTON FREDRICKSON		

SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90 EE F64	L		An with 10% py	90		2		755		465		49		5	9	0.05	17							
90 EE R65	L		mal qtz calc vn	483		50	2.79	20000	3.13	13		76		-5	6	0.35	156							
90 EE F66	L		Fe alt An	1746	0.005	2.1		460		96		107		8	-5	0.06	26							
90 EE R67	L		qtz vn with mal	74		50	3.2	9333		3402		2672		315	-5	0.14	23							
90 EE R68	L		qtz vn Fe alt	1396	0.043	39.6	1.1	402		525		58		950	12	-0.01	8							
90 EE R69	G		Si alt tr py An	10		0.4		98		48		32		7	-5	0.03	46							
90 EE R70	G		Basalt-qtz calc	6		0.7		25		9		29		36	-5	0.09	26							
90 EE R71	G		as above	-5		0.7		88		7		46		53	14	0.11	70							
90 EE R72	G		as above	83		1.5		46		17		40		132	6	0.11	86							
90 EE R73	G		as above	10		0.6		23		22		19		16	12	-0.01	70							
90-EE C74	T	1.4	An tuff calc	-5		0.7		16		20		186		8	7	0.34	701							
90-EE C75	T	1.0	as above	-5		0.7		16		16		230		11	7	0.33	418							
90-EE C76	T	1.0	as above	-5		2		18		188		1646		9	-5	0.26	337							
90-EE C77	T	1.0	as above	39		20.1		94		7625		20000	3.4	24	31	0.15	112							
90-EE C78	T	1.0	as above tr gn	8		10.9		89		6398		15063	1.77	20	17	0.15	175							
90-EE C79	T	1.0	as above	-5		1.1		23		78		372		12	-5	0.1	345							
90-EE R88	M		An calc 10% py	21		1.8		128		31		217		21	12	0.14	97							
90-EE R89	M		as above mal	45		8.9		2212		80		2100		942	23	0.14	111							
90-EE R90	M		as above	88		4.3		321		17		26		199	25	0.06	31							
90-EE C91	M	1.2	as above	20		1.3		124		5		30		39	6	0.17	52							
90-EE R92	M		Fe qtz calc vn	21		3		120		16		29		14	41	0.36	115							
90-EE C93	M	1.5	clay alt An	32		1.8		272		7		20		88	9	0.04	51							
90-EE R94	M		qtz cal py alt	127		2		127		20		39		256	11	0.03	44							
90-EE F95	M		as above	196		3.5		177		28		48		402	11	0.02	19							
90-EE C96	M	1.0	Fe alt An	72		2.4		208		14		36		85	6	0.03	41							
90-EE R97	M		5%py clay alt An	308		7.2		81		40		60		425	7	0.02	15							
90-EE R98	M		Fe alt An	434		3.7		463		459		1052		282	8	0.01	21							
90-EE R99	M		Fe alt An	107		2.3		182		17		47		171	7	0.01	45							
90-EE C100	M	1.0	qtz ser py An	180		4.8		460		44		120		149	10	0.06	8							
90-EE R101	M		as above	56		1.8		59		11		22		151	11	0.03	21							
90-EE R102	M		as above	235		6		1291		230		196		182	9	0.05	8							

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SAMPLE TYPE
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F - FLOAT
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SAMPLER
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AREA CODE
B - BIG BULK
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SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90-EE C103	L	1.4	massive cpy	1722	0.042	2.4		6198		2		113		9	6	0.19	72							
90-EE C104	L	1.0	as above	5919	0.218	4.2		10925	1.11	4		116		39	11	0.2	38							
90 EE C104	L		unknown	-5		2.8		78		189		6364		21	10	0.08	329							
90 EE R105	T		qtz bn Fe alt	-5		0.3		4		16		106		7	-5	0.16	87							
90 EE R106A	T		diamictite	-5		2.2		11		4003		13731		405	81	1.06	105							
90 EE F106	T		massive gn in An	23		50	32.08	2808		10000	20.14	10349		512	1774	0.03	42							
90 EE C107	T	1.0	Andesitic tuff	6		3.1		17		557		427		7	6	0.53	197							
90 EE C108	T	2.0	as above	-5		2.7		18		456		447		7	14	0.24	250							
90 EE C109	T	1.0	as above	-5		3.1		23		988		3157		-5	8	0.19	398							
90 EE C110	T	2.0	as above	-5		5.5		20		1261		4834		-5	13	0.11	259							
90 EE C111	T	1.0	as above	-5		1.9		12		253		3558		7	8	0.12	236							
90 EE C112	T	1.0	as above	-5		2.6		25		728		5221		10	8	0.18	333							
90 EE C113	T	1.0	as above	-5		0.9		14		50		985		19	7	0.14	749							
90 EE C115	T	1.0	as above	-5		0.4		3		25		119		-5	-5	0.1	116							
90 EE C116	B	0.3	py cpy in An	400		2.9		289		46		21		167	13	0.02	14							
90 EE C117	B	0.2	qtz py breccia	106		0.7		107		33		20		66	22	0.02	73							
90 EE C118	B	1.0	as above	148		1.6		239		27		26		105	41	0.02	23							
90 EE C119	B	0.5	as above	360		1.3		18		29		40		186	8	0.02	34							
90 EE C120	B	0.6	as above	287		2.1		141		16		57		333	19	0.04	11							
90 EE C121	B	0.4	as above	291		3.1		333		16		42		175	27	0.03	11							
90 EE R122	B		as above 1% sulp	99		1.2		184		19		65		109	12	0.27	72							
90 EE C123	B	0.5	py ser qtz vn	1838		3.2		1028		47		37		253	9	0.06	22							
90 EE C124	B	1.1	as above	1060		4.3		1970		28		112		299	16	0.11	12							
90 EE C125	B	1.6	as above	145		1.4		316		16		86		131	22	0.05	39							
90 EE C126	B	1.0	as above	760		18		977		95		27		258	25	-0.01	-5							
90 EE C127	B	1.1	as above	707		3		227		42		121		1082	35	0.02	13							
90 EE C128	T	1.0	diamictite	-5		1.2		11		2207		12488		528	78	1.13	95							
90 EE C129	T	0.7	diamictite	-5		1.4		20		1922		5660		1426	108	1.61	290							
90 EE C130	T	1.0	diamictite	-5		1.8		15		1407		4828		1178	87	1.34	211							
90 EE C131	T	1.0	diamictite	-5		4.2		11		2720		16639		566	96	1.41	124							
90 EE C132	T	1.0	diamictite	-5		4.7		19		6361		5679		933	210	1.67	81							

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SAMPLE TYPE
D - DRILLCORE
F - FLOAT
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SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90 EE C133	T	1.0	diamictite	-5		2.2		14		3055		14798		434	60	0.96	88							
90 EE C134	T	1.0	diamictite	-5		1.7		15		2668		11336		416	84	0.69	81							
90 EE C135	T	1.0	diamictite	-5		3.1		12		3634		14928		502	158	1.78	127							
90 EE C136	T	1.0	diamictite	6		4.5		13		6263		20000	2.78	404	111	1.81	99							
90 EEC 137	T	1.0	diamictite	13		50	5.28	408		10000	3.25	541		822	264		57			7				
90 EE-R138	T		An tuff breccia	-5		2.9		29		595		904		33	18		380			11				
90 EE-R139	T		with	-5		-0.2		16		4326		10640		58	18		210			472				
90 EE-R140	T		greenockite	-5		2.7		72		9919		5973		23	21		208			166				
90 EE-R141	T		and hydrozincite	-5		1.3		11		1937		12450		239	39		184			209				
90 EE-R142	T		jasperoid bed	-5		0.3		10		438		1044		159	34		101			16				
90 EE-R143	T		as in R141	-5		2.1		12		3951		10695		263	76		190			245				
90 EE-R144	T		calc An tuff gn	-5		27.3		64		10000	4.38	3142		267	206		209			40				
90 EE-R145	T		diamictite	-5		2.1		11		2830		11832		543	157		161			332				
90 EE-R146	T		diamictite	29		5		33		1566		14144		204	46		71			137				
EES-1	T			-5		1.7		76		1603		5077		2000		3.24	614	5						
EES-2	T			8		10.7		38		2218		509		1621		0.32	62	4						
90EES-3	K			-5		0.6		11		22		100		58	8	0.26	69							
EEL-1	T			6		3.7		34		88		304		19		0.35	299	50						
EEL-2	T			6		5.3		38		692		1929		645		0.56	333	57						
90EEL3	T			-5		0.6		55		17		219		43	5	0.73			12					
90EEL4	T			-5		0.5		62		49		899		43	6	5.34			13					
90EEL5	T			-5		0.4		64		27		591		38	7	3.88			13					
90EEL6	T			5		0.5		292		27		154		58	-5	0.72			10					
90EEL7	T			-5		0.6		80		31		449		44	5	0.56			7					
90EEL8	T			-5		0.6		90		26		357		62	-5	0.22			10					
90EEL9	T			-5		0.4		101		28		368		66	9	0.22			11					
90EEL10	T			-5		0.3		104		21		225		75	8	0.38			12					
90EEL11	T			-5		0.3		88		21		247		63	8	0.3			12					
90EEL12	T			-5		0.3		69		12		201		33	5	0.11			10					
90EEL13	N			-5		0.5		42		18		109		61	-5	0.15			9					
90EEL14	N			-5		0.3		25		20		136		36	-5	0.22			9					

KEEWATIN ENGINEERING INC.

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SAMPLE TYPE
D - DRILLCORE
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S - SOIL

SAMPLER
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SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90EEL15	N			53		0.3		30		25		157		77	5	0.22			8					
90EEL16	N			-5		0.3		34		22		145		48	-5	0.18			11					
90EEL17	N			-5		1.1		38		108		338		33	-5	0.31			10					
90EEL18	N			-5		0.4		36		40		295		75	6	0.26			10					
90EEL19	N			-5		0.3		5		52		294		63	6	0.45			9					
90EEL20	N			-5		0.4		16		51		221		42	7	0.39			10					
90EEL21	N			15		0.6		66		22		181		56	8	0.44			12					
90EEL22	N			-5		0.3		28		15		204		37	6	0.85			10					
90EEL23	N			6		0.3		26		13		181		40	6	0.62			9					
90EEL24	N			12		0.5		33		21		423		65	13	0.72			11					
90EEL25	N			6		0.7		52		18		420		83	14	0.41			9					
90EEL26	N			6		0.3		24		19		173		52	7	0.49			11					
90EEL-27	K			-5		2.4		60		153		412		23	-5	0.29	122							
90EEL-28	K			-5		0.9		42		32		184		7	-5	0.21	106							
90EEL-29	K			-5		0.6		15		32		119		6	-5	0.13	90							
90EEL-30	K			-5		5.2		46		57		252		10	-5	0.15	111							
90EEL-31	K			10		1		39		42		269		220	-5	0.2	143							
90EEL-32	K			-5		1		41		18		163		17	-5	0.18	101							
90EEL 33	B			14		-0.2		377		38		64		-5	16	0.47	48							
90 EEL 34	T			321		1.9		359		45		398		63	23	0.17	93							
90 EEL 34				12		2.5		46		406		1150		343	28	0.55	682							
90 EEL 35	T			15		3.2		46		1005		1517		266	44	0.51	327							
90 EEL 36	T			16		3.5		39		1082		1288		192	31	0.42	318							
90 EEL 37	T			17		7.1		64		331		1089		405	44	0.49	451							
90 EEL 38	K			17		0.7		54		23		226		11	5	0.22	156							
90 EEL 39	K			-5		0.7		32		19		182		11	-5	0.12	205							
90 EEL 40	K			17		0.4		44		17		198		53	9	0.16	168							
90 EEL 41	K			18		0.7		65		26		201		18	-5	0.14	160							
90 EEL 42	K			14		0.8		94		21		232		39	36	0.39	147							
90 EEL 43	W			-5		0.7		58		13		201		26	6	0.16	127							
90 EEL 44	W			-5		0.7		28		10		261		39	5	0.44	211							

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SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90 EEL 45	W			-5		0.7		55		14		228		21	-5	0.22	118							
90 EEL 46	L			32		0.8		91		12		124		17	-5	0.13	209							
90EEL 47	G			-5		0.9		165		23		165		30	10	0.19	197							
90EEL 48	G			6		1.3		143		25		280		30	8	0.24	202							
90EEL 49	G			-5		1.1		130		29		190		43	14	0.22	238							
90EEL 50	G			25		0.8		95		24		127		20	-5	0.17	132							
90EEL 51	G			8		0.5		76		16		118		14	7	0.17	172							
90EEL 53	M			54		3.1		740		33		218		131	27						7			0.216
90EEL 54	W			24		0.5		75		12		141		20	-5						-1			0.226
90EEL 55	W			-5		0.5		52		11		145		11	6						-1			0.146
90EEL 56	W			-5		0.5		46		12		127		6	5						-1			0.185
90EEL 57	W			6		0.6		39		14		146		21	-5						1			0.125
90 EEL 58	B			224		2.2		525		51		220		137	16	0.12	16							
90KW S-1	B			15		1		193		18		92		37	-5	0.2	90							
90KW S-2	B			7		1		84		23		69		44	-5	0.31	335							
90KW S-3	B			-5		1		181		55		479		180	8	0.33	213							
90KW S-4	B			18		0.7		85		10		97		5	-5	0.31	274							
90KW S-5	B			42		-0.2		120		20		79		-5	10	0.68	805							
90KW S-6	B			10		0.9		65		8		102		-5	-5	0.19	240							
90KW S-7	B			-5		0.8		38		8		102		-5	-5	0.09	188							
90KW S-8	B			9		0.5		52		11		103		11	-5	0.13	327							
90KWL 9	B			28		1.1		95		18		81		16	-5	0.22	458							
90KW S-10	B			-5		0.7		102		7		95		-5	6	0.2	348							
90KW S-11	B			-5		0.5		105		8		89		5	6	0.17	409							
90KW S-12	B			39		1.1		95		9		51		17	-5	0.14	118							
90KW S-13	B			13		0.5		111		11		53		7	-5	0.05	273							
90MMC-001	T	1.0	An with tr gn	-5		39.6		175		10000	1.94	568		902	146	0.05	93	29						
90MMC-002	T	1.0	alt An gn	-5		50	3.04	659		10000	2.06	1214		724	372	0.03	51	34						
90MMR-003	T		qtz vn	-5		0.8		14		108		79		18	7	0.13	71	114						
90MMC-004	T	2.0	qtz vn	-5		0.6		9		133		88		24	11	0.01	39	4						
90MMC-005	T	1.5	diamictite	-5		13.3		110		3163		3871		1008	112	0.05	45	23						

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SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90MMC-006	T	1.0	An with tr py	-5		50	7.6	925		10000	1.91	790		121	415	0.13	72	248						
90MMR-007	T		qtz vn minor gn	13		22.3		120		10000	2.18	5031		872	22	0.01	39	19						
90MMC008	J	0.8	chert tr py	-5		0.4		103		11		45		6	-5	0.06	85	58						
90MMF009	J		sp gn in Si An	1180	0.042	50	1.68	438		10000	3.26	20000	10.12	119	48	0.02	21	6						
90MMF010	J		An with Fe alt	6		1.3		31		85		266		70	149	0.26	252	234						
90MMC011	T	1.0	An with tr py	9		50	1.66	335		10000	2	687		878	117	0.04			5					
90SSC012	T	1.4	An with gn	8		42.5	1.37	207		10000	1.33	671		602	98	0.05			-5					
90MMR013	T		An diss py	11		1.1		383		127		90		16	9	0.15			-5					
90MMR014	J		qtz vn	74		0.9		38		121		53		70	-5	0.02			-5					
90MMR015	J		An with diss py	699		1.7		38		113		40		625	10	0.02			-5					
90MMR016	G		An with tr py	7		0.8		98		12		84		24	6	0.14			-5					
90 MM R017	J		An	6		0.8		226		9		100		-5	-5	0.11	57							
90 MM R018	J		chl alt An	-5		0.9		93		5		175		49	6	0.15	158							
90 MM C019	M	1.0	qtz vn sp py cpy	447		1.1		32		16		8		148	56	-0.01	34							
90 MM C020	M	1.0	alt An	-5		0.9		112		8		122		-5	8	0.14	104							
90 MM C021	J	0.3	qtz vn py cpy	79		5.1		431		259		94		12	24	0.02	80							
90 MM C022	J	1.6	qtz vn py in sed	210		2.5		913		41		20000	2.85	22	11	0.09	63							
90 MM C023	J	0.8	py shear in An	11		1.2		46		15		45		152	72	-0.01	15							
90 MM C024	J	1.5	as above	6		0.5		63		13		57		9	14	0.01	133							
90 MM C025	M	1.0	as above	19		1		68		33		436		43	6	0.12	34							
90 MM R026	M		qtz vn with cpy	10		1.6		11517	1.23	4		6		10	-5	0.05	79							
90 MMC 026	J		unknown	-5		0.6		42		15		46		90	36	0.12	335							
90 MMC 027	J	1.0	pyritic seds	37		2.2		147		29		24		76	13	0.1	35							
90 MM F028	L		alt sed with py	17		0.3		18		27		77		93	11	0.09	76							
90 MM C029	T	1.0	pyritic volc	-5		-0.2		17		299		947		373	25	0.06	218							
90MMC030	J	1.0	pyritic seds	-5		0.4		78		15		31		-5	6		224				2.4			
90MMC031	J	1.0	qtz vn 10% py	77		0.9		33		4		20		124	14		38				3			
90MMC032	J	1.0	10% py in shear	128		1.8		83		11		72		316	44		15				1.1			
90MMR033	L		An with py	-5		2		360		10		66		19	11		68				-1			
90MMR034	L		py in sheared An	-5		0.8		84		8		59		17	6		80				-1			
90MMR035	L		Felsic volc	-5		-0.2		14		-2		3		-5	-5		99				1.2			

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90MMR036	J		Alt black sed	-5		0.4		33		-2		46		-5	-5		550				-1			
90MMR037	J		as above	21		0.3		26		3		44		-5	-5		266				-1			
90MMC038	J	1.0	as above	-5		-0.2		15		3		12		9	7		552				1.6			
90MMF039	J		alt volc	26		1.5		48		24		45		181	39		17				3.7			
90MMR040	J		An porphyry	-5		0.7		68		3		63		-5	-5		720				-1			
90MMR041	J		alt sed	29		2.2		154		13		61		34	14		13				24.6			
90MMR 042	J		alt sed	20		0.9		88		6		404		53	25	0.04	259							
90MMR 043	J		qtz stockwork	15		0.4		21		-2		52		54	10	-0.01	69							
90 MM C044	M	1.0	pyritic volc	43		2.4		356		28		65		258	12	-0.01	26							
90 MM C045	M	1.0	as above	25		3.3		1180		9		70		24	121	0.16	115							
90 MM C046	M	1.0	as abovee	27		2.7		1424		256		62		23	156	0.14	76							
90 MM C047	M	1.0	as above	31		3.7		2727		26		209		20	62	0.13	102							
90 MM C048	M	1.0	as above	23		4.2		1636		16		147		16	64	0.17	151							
90MMC 049	M	1.0	as above	24		3.2		1069		98		521		56	47	0.16	73							
90MMR 050	M		as above Fe alt	33		19.5		2919		596		11761		254	209	0.27	55							
90MMR 051	M		qtz py vn	2805		16.6		2874		336		301		2000	542	0.06	-5							
90MMC 052	M	0.9	Si py volcanic	41		7.2		1378		411		3242		198	19	0.28	59							
90MMC 053	M	2.0	pyritic volc	25		3.9		1023		41		697		36	27	0.18	77							
90MMC 054	M	2.0	An with mal	44		6.8		2920		89		1951		99	26	0.15	38							
90MMR 055	M		Volcanic with sp	22		6.5		1358		1044		10012		236	22	0.23	71							
90MMF 056	M		sp in qtz calc	990		8		936		1029		20000	7.61	116	28	0.4	27							
90 MM C057	M	0.7	qtz calc vn sp	433		2.3		421		33		4602		311	12	0.31	70							
90 MM C058	M	1.0	qtz cal py vn	539		3.6		1090		30		189		2000	35	0.34	35							
90 MM R059	W		An diss py	55		3.4		1554		17		117		51	-5	0.1	335							
90 MM R060	J		An with py	-5		0.6		32		14		57		7	7	0.13	103							
90 MM R061	J		An with py	7		0.7		35		4		91		-5	-5	0.13	86							
90 MM R062	K		pyritic An	-5		0.9		76		8		106		14	11	0.15	63							
90 MM R063	T		greenockite diam	-5		2.4		9		639		6529		37	13	0.23	269							
90 MM R-064	T		calc sed tr gn	40		7.7		78		4608		14188		2000	22		97			121				
90 MM R-065	T		An	-5		0.9		12		28		258		26	11		128			-1				
90 MM R-066	L		An with mal	20		0.9		529		16		125		15	-5		360			-1				

KEEWATIN ENGINEERING INC.

KITSAULT PROJECT
COMPILATION OF ROCK, SOIL, SILT, DRILLCORE GEOCHEM/ASSAY RESULTS
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TLT, NOVEMBER 1990

SAMPLE TYPE
D - DRILLCORE
F - FLOAT
C - CHIP
R - GRAB
L - SILT
S - SOIL

SAMPLER
EE - TERRY TUCKER
SS - STEVE CREELMAN
Z - DAVE TUPPER
MM - MIKE RENNING
TS - TIM SANDBERG
KW - KEVIN WEBB
AH - ALLAN HANSON
- CLINTON FREDRICKSON

AREA CODE
B - BIG BULK
D - DILLYWACKER
G - GOSSAN MOUNTAIN
J - JADE LAKE
K - KINSKUCH RIVER
L - LAHTE CREEK
M - MIDNIGHT BLUE
N - NISKA
S - SAULT
T - TROUT
W - WHITE RIVER

SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90 MM R-067	L		An	-5		0.8		32		11		74		8	-5		898			-1				
90 MM R-068	L		Fe alt An	-5		1.2		130		10		101		108	22		52			-1				
90 MM R-069	L		Fe alt tuff	7		1.1		91		9		58		2000	42		53			5				
90 MM-R070	M		An with mal py	24		0.7		26		20		45		38	-5		339			-1				
90 MM-R071	M		pyritic shear	343		17.2		4888		381		1040		2000	30		27			5				
90 MM-R072	M		sheared An sp gn	22		3.6		665		196		930		178	21		254			3				
90 MM-F073	M		sp in An	85		13.2		1161		1962		20000	4.47	420	22		50			228				
90 MM-R074	M		py alt An	132		1.8		34		15		965		119	-5		26			4				
90 MM-C075	T	1.0	diamictite	-5		2.2		14		2653		11519		364	68		197			180				
90 MM-C076	T	1.0	diamictite	-5		2.2		12		3341		9965		462	81		236			196				
90 MM-C077	T	1.0	diamictite	-5		2.7		16		4796		8252		643	87		308			139				
90 MM-C078	T	1.0	diamictite	-5		2.3		14		3306		10966		574	83		281			176				
90 MM-C079	T	1.0	diamictite	-5		1.6		18		1955		11402		473	59		161			216				
90 MM-C080	T	1.0	diamictite	-5		1.5		16		1579		10555		402	43		195			190				
90 MM-C081	T	1.0	diamictite	6		1.8		13		2817		12593		348	42		125			261				
90 MM-C082	T	1.0	diamictite	-5		5.9		26		5628		5236		467	75		304			211				
90 MM-C083	T	1.0	diamictite	-5		9.8		25		8256		3793		479	76		360			109				
90 MM-C084	T	1.0	diamictite	-5		3.7		24		2049		8759		407	71		153			193				
90 MM-C085	T	1.0	diamictite	-5		3.2		10		8197		10572		355	72		146			297				
90 MM-C086	T	1.0	diamictite	-5		1.8		11		2771		8882		377	59		177			271				
90 MM-C087	T	0.8	diamictite	-5		5.1		12		4338		9796		100	27		193			274				
90 MM-C088	T	0.8	diamictite	-5		3.5		11		3927		9788		108	27		203			215				
90 MM-C089	T	0.8	diamictite	-5		4.5		9		1933		10968		96	27		135			235				
90 MM-C090	T	1.0	diamictite	-5		3.9		10		3731		9172		248	39		144			214				
90 MM-R091	T		alt An with gn	7		11		186		3360		1051		16	72		974			9				
90 MMR 092	B		Following are	59		1		682		9		64		48	10	0.2	29		-1			3	763	
90 MMR 093	B		lithogeochem	62		0.7		354		29		127		136	9	0.13	84		-1			3.3	739	
90 MMR 094	B		samples	27		0.7		30		87		95		44	-5	0.15	22		-1			7.5	647	
90 MMR 095	B		"	101		1.3		654		8		77		66	8	0.11	36		-1			3	504	
90 MMR 096	B		"	56		1.2		140		50		94		82	7	0.09	21		-1			2.5	598	
90 MMR 097	B		"	53		0.9		104		10		85		41	6	0.1	57		-1			3.6	793	

KEEWATIN ENGINEERING INC.

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TLT, NOVEMBER 1990

SAMPLE TYPE	SAMPLER	AREA CODE	
D - DRILLCORE	EE - TERRY TUCKER	B - BIG BULK	M - MIDNIGHT BLUE
F - FLOAT	SS - STEVE CREELMAN	D - DILLYWACKER	N - NISKA
C - CHIP	Z - DAVE TUPPER	G - GOSSAN MOUNTAIN	S - SAULT
R - GRAB	MM - MIKE RENNING	J - JADE LAKE	T - TROUT
L - SILT	TS - TIM SANDBERG	K - KINSKUCH RIVER	W - WHITE RIVER
S - SOIL	KW - KEVIN WEBB	L - LAHTE CREEK	
	AH - ALLAN HANSON		
	## - CLINTON FREDRICKSON		

SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90 MMR 098	B		"	25		1		528		27		146		85	9	0.16	70		-1			2.8	696	
90 MMR 099	B		"	71		2.6		123		7		48		34	18	0.06	191		-1			5	531	
90 MMR 100	B		"	93		2.3		37		7		41		87	12	0.04	168		-1			1.4	481	
90 MMR 101	B		"	75		1		60		28		227		35	8	0.22	26		-1			1.4	595	
90 MMR 102	B		"	25		0.6		80		13		217		29	8	0.32	73		-1			0.7	524	
90 MMR 103	B		"	26		0.8		178		8		161		66	7	0.22	33		-1			0.9	474	
90 MMR 104	B		"	14		0.5		78		7		235		42	8	0.35	46		-1			0.5	484	
90 MMR 105	B		"	63		1.2		211		19		150		71	8	0.22	38		-1			0.7	358	
90 MMR 106	B		"	58		1.3		69		32		211		43	5	0.25	27		-1			1	516	
90 MMR 107	B		"	-5		0.4		42		3		117		46	9	0.22	76		-1			0.3	411	
90 MMR 108	B		"	21		0.7		127		24		268		54	7	0.41	46		-1			0.5	505	
90 MMR 109	B		"	26		0.9		111		13		125		45	11	0.35	37		-1			2.3	624	
90 MMR 110	B		"	25		0.9		124		31		239		62	6	0.4	45		-1			0.8	452	
90 MMR 112	S		dark py sed	-5		0.5		35		14		82		20	-5	0.03	26							
90 MMR 113	S		dark py sed	-5		0.6		48		15		138		32	-5	0.04	27							
90MM S-021	J			7		0.9		48		12		93		34	7	0.18	125							
90MM S-022	J			18		1.9		132		20		175		30	-5	0.23	154							
90 MM S-039	L			6		0.7		43		17		95		42	12	0.31	46							
90 MM S-040	L			10		0.9		100		26		194		28	13	0.32	125							
90 MM S-041	L			15		2.1		203		35		337		125	19	1.13	105							
90 MM S-042	L			7		0.9		51		18		102		43	5	0.23	43							
90 MM S-043	L			9		1.1		94		21		187		50	16	0.33	187							
90 MM S-044	L			8		1.4		65		21		156		128	20	0.33	120							
90 MM S-045	L			16		1.2		88		23		226		91	25	0.32	144							
90MM-S046	J			-5		0.5		11		5		65		-5	-5	0.02	84							
90MM-S047	J			-5		0.8		62		7		126		-5	-5	0.11	387							
90MM-S059	M			14		1.1		86		41		170		81	27	0.27	1884							
90MM-S062	J			256		1.4		93		17		55		212	5						2			0.105
90MM-S063	J			45		1.7		135		8		100		69	6						3			0.115
90MM-S068	M			73		2.8		540		102		308		222	16						4			0.244
90MM-S069	M			108		7.9		2079		97		335		306	61						11			0.361

KEEWATIN ENGINEERING INC.

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TLT, NOVEMBER 1990

SAMPLE TYPE
D - DRILLCORE
F - FLOAT
C - CHIP
R - GRAB
L - SILT
S - SOIL

SAMPLER
EE - TERRY TUCKER
SS - STEVE CREELMAN
Z - DAVE TUPPER
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AREA CODE
B - BIG BULK
D - DILLYWACKER
G - GOSSAN MOUNTAIN
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SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90MM-S070	M			101		6.6		1206		132		423		413	33						9			0.245
90MM-S071	M			150		9		2719		170		445		309	55						27			0.297
90MM-S072	M			102		4.2		610		127		403		493	20						6			0.285
90MM-S073	M			63		3		389		146		425		317	15						3			0.229
90MM-S074	M			58		3.3		574		112		433		375	19						2			0.263
90MM-S075	M			48		2.8		393		95		334		275	16						3			0.203
90MM-S076	M			34		2.4		431		61		253		179	10						4			0.184
90MM-S077	M			83		3.8		650		99		394		359	13						6			0.259
90MM-S078	M			119		4.1		699		101		412		402	12						7			0.363
90MM-S079	M			104		4.2		657		111		508		402	11						7			0.276
90MM-S080	M			98		4		605		98		485		333	10						6			0.227
90MM-S081	M			87		4		618		97		494		360	12						7			0.289
90MM-S082	M			75		3.6		588		84		482		305	9						7			0.278
90MM-S083	M			83		4.3		704		98		549		381	13						8			0.334
90MM-S084	M			104		4.4		734		110		576		394	13						8			0.365
90MM-S085	M			114		4.3		855		90		218		229	11						7			0.453
90MM-S086	M			89		3.4		456		28		129		175	7						4			0.222
90MM-S087	M			109		3.8		662		47		164		238	8						5			0.291
90MM-S088	M			161		3.7		832		43		168		276	13						6			0.27
90MM-S089	M			197		2.4		750		48		179		318	9						5			0.282
90MM-S090	M			170		5.1		641		37		159		316	14						6			0.237
90MM-S091	M			122		2.7		669		49		194		171	12						4			0.493
90MM-S092	M			165		3.1		793		56		218		176	8						7			0.475
90MM-S093	M			138		2.3		445		30		128		98	6						4			0.32
90MM-S094	M			124		2.4		417		22		84		79	8						4			0.555
90MM-S095	M			166		2.8		505		53		259		112	7						5			1.718
90MM-S096	M			250		3.8		521		51		230		159	7						4			0.926
90MM-S097				246		2.8		581		36		173		154	7						5			1.195
90MM-S098	M			253		3		773		48		136		107	9						8			0.598
90 MMS 119	B			113		1.8		248		48		164		113	9	0.12	45		-1			3.3	467	
90 MMS 120	B			92		1.7		332		62		214		116	12	0.17	115		-1			2	434	

KEEWATIN ENGINEERING INC.

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SAMPLE TYPE
D - DRILLCORE
F - FLOAT
C - CHIP
R - GRAB
L - SILT
S - SOIL

SAMPLER
EE - TERRY TUCKER
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AREA CODE
B - BIG BULK
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SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90 MMS 121	B			96		1.9		344		62		238		128	14	0.16	75		-1			2.7	488	
90 MMS 122	B			72		1.1		135		55		114		89	8	0.07	202		-1			3	295	
90 MMS 123	B			360		1.4		175		28		76		60	13	0.03	83		-1			1.9	303	
90 MMS 124	B			73		0.9		160		21		68		27	8	0.07	94		-1			1	303	
90 MMS 126	B			44		2.5		261		25		171		116	16	0.2	157		-1			1.3	285	
90 MMS 127	B			210		2.4		207		65		169		90	25	0.12	109		-1			3	366	
90MML017	L			23		0.3		33		41		199		58	12	0.11			9					
90MML018	L			11		0.5		97		58		219		41	11	0.17			8					
90MML019	L			11		0.4		58		38		183		40	12	0.12			8					
90MML020	L			105		0.3		73		36		172		45	11	0.14			8					
90MML 023	J			6		0.7		80		19		159		86	8	0.29	175							
90MML 024	D			15		1.1		154		44		369		232	10	0.22	168							
90MML 025	D			18		1.1		138		37		195		179	15	0.2	154							
90MML 026	D			20		1		123		26		138		23	12	0.13	155							
90MML 027	D			12		0.9		123		25		127		113	16	0.17	169							
90MML 028	M			10		1.4		96		22		123		21	6	0.13	182							
90MML 029	M			7		1.5		100		55		326		38	7	0.32	356							
90MML 030	D			7		1.1		105		42		178		21	7	0.21	435							
90MML 031	J			-5		0.3		29		11		81		16	7	0.1	147							
90MML 032	J			-5		0.5		56		11		97		33	6	0.11	93							
90MML 033	J			-5		0.5		84		14		79		69	6	0.14	103							
90MML 034	J			9		0.7		78		16		112		41	8	0.15	131							
90MML 035	J			9		0.8		106		19		157		39	8	0.28	195							
90MML 036	M			48		1.4		132		156		301		46	6	0.28	213							
90MML 037	J			-5		0.8		42		14		189		8	6	0.33	309							
90MML 038	J			-5		0.6		77		15		122		7	11	0.17	198							
90MM-L048	J			8		1.9		168		19		324		60	14	0.17	290							
90MM-L049	J			9		2		170		22		342		80	17	0.18	290							
90MM-L050	J			9		0.9		82		14		155		26	7	0.15	192							
90MM-L051	J			20		1.2		92		18		141		80	22	0.16	162							
90MM-L052	J			11		1.3		108		17		224		86	14	0.14	207							

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TLT, NOVEMBER 1990

SAMPLE TYPE
D - DRILLCORE
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SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90MM-L053	J			18		0.9		74		15		159		32	9	0.19	161							
90MM-L054	J			9		0.7		23		15		118		18	-5	0.27	127							
90MM-L055A	J			9		1		72		14		191		53	8	0.18	184							
90MM-L055B	L			-5		0.6		43		10		190		23	11	0.19	96							
90MM-L056	L			12		0.7		39		10		234		24	12	0.15	71							
90MM-L057	L			39		1.1		63		16		427		55	16	0.2	103							
90MM-L058	L			55		1.4		78		17		556		210	24	0.29	134							
90MM-L060	J			6		1.2		46		12		181		-5	10	0.41	542							
90MML 061	J			11		0.6		72		16		116		36	6						-1			0.154
90MML 064	J			7		0.8		90		11		86		37	13						-1			0.298
90MML 065	J			6		0.5		60		10		103		14	-5						-1			0.131
90MML 066	J			9		0.5		84		9		103		22	12						-1			0.146
90MML 067	J			16		1		106		18		174		49	25						-1			0.127
90MML 099	J			37		1.4		117		82		551		81	9						2			0.523
90-MML-100	J			98		0.6		71		14		128		22	5	0.21	192							
90-MML-101	J			16		0.7		40		17		89		39	9	0.13	126							
90-MML-102	J			14		0.7		43		13		109		21	-5	0.22	145							
90-MML-103	J			-5		1		24		10		140		29	6	0.46	156							
90-MML-104	J			-5		0.8		25		13		172		18	-5	0.69	234							
90-MML-105	J			-5		0.5		29		16		120		223	14	0.17	174							
90-MML-106	L			-5		0.5		27		13		87		40	-5	0.09	174							
90-MML-107	K			-5		1.2		106		16		197		19	13	0.15	159							
90-MML-108	K			-5		0.7		46		12		123		17	5	0.17	383							
90-MML-109	K			13		1.3		108		17		258		22	9	0.18	397							
90-MML-110	K			14		0.9		105		12		153		21	7	0.13	190							
90-MML-111	K			16		1.1		89		19		229		25	-5	0.3	254							
90-MML-112	K			5		1.2		94		19		262		13	5	0.18	232							
90 MM L-113	L			18		0.8		67		32		147		8	-5	0.16	257							
90 MM L-114	L			30		0.8		74		28		136		21	11	0.13	308							
90 MM L-115	L			21		0.9		105		36		144		24	7	0.17	244							
90 MM L-116	L			29		1.3		111		22		120		107	22	0.19	226							

KEEWATIN ENGINEERING INC.

KITSAULT PROJECT
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TLT, NOVEMBER 1990

SAMPLE TYPE
D - DRILLCORE
F - FLOAT
C - CHIP
R - GRAB
L - SILT
S - SOIL

SAMPLER
EE - TERRY TUCKER
SS - STEVE CREELMAN
Z - DAVE TUPPER
MM - MIKE RENNING
TS - TIM SANDBERG
KW - KEVIN WEBB
AH - ALLAN HANSON
- CLINTON FREDRICKSON

AREA CODE
B - BIG BULK
D - DILLYWACKER
G - GOSSAN MOUNTAIN
J - JADE LAKE
K - KINSKUCH RIVER
L - LAHTE CREEK
M - MIDNIGHT BLUE
N - NISKA
S - SAULT
T - TROUT
W - WHITE RIVER

SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90 MM L-117	L			24		0.7		77		28		128		21	-5	0.12	219							
90 MM-L118	M			68		3.3		390		68		298		383	17	0.23	250							
90 MML 125	B			42		1.2		193		38		151		50	9	0.15	106		-1			2	452	
90SSF002	J		Fe alt qtz vn	-5		0.5		60		224		520		42	7	-0.01	588	34						
90SSC019	T	1.0	pyritic An	10		4.5		35		5617		17295	1.92	297	44	0.73			23					
90SSC020	T	1.0	pyritic An	-5		11.2		59		2975		889		1006	61	0.22			5					
90SSF040	J		pyritic An	-5		0.8		40		129		58		32	8	0.01			-5					
90SSF041	J		pyritic An	-5		0.3		9		35		76		6	-5	0.07			-5					
90SSF045	J		Sediment	-5		0.8		52		41		83		18	10	0.05			-5					
90SSF046	J		sed breccia	38		-0.2		288		64		58		-5	208	0.01			24					
90SSF051	J		"	-5		0.5		21		39		134		6	8	0.18			-5					
90SSF056	J		"	5		0.7		66		10		95		-5	-5	0.04			-5					
90SSF-59	K		Fe alt dyke	-5		0.4		13		11		44		-5	-5	0.02	77							
90SSF-61	K		maroon slt	7		0.8		156		20		59		41	7	0.1	87							
90SSF-65	K		greywacke	10		0.6		36		26		38		77	16	0.03	32							
90SSF-66	K		brec mudstone	-5		0.5		114		17		45		38	5	0.06	169							
90SSF-68	K		as above	-5		0.4		21		16		103		-5	-5	0.09	306							
90SSC-72	T	1.0	pyritic An	-5		1.5		7		210		634		374	40	0.13	290							
90SSC-73	T	1.0	pyritic An	-5		5.5		10		593		482		935	68	0.08	276							
90SSC-74	T	1.0	pyritic An	-5		3.9		10		608		1000		990	69	0.11	344							
90SSC-75	T	1.0	pyritic An	-5		1.3		3		225		582		294	27	0.1	308							
90SSC-76	T	1.0	pyritic An	-5		3.4		3		316		551		1752	139	0.06	42							
90SSF-77	K		Fe alt sed	-5		0.5		7		164		682		-5	-5	0.19	201							
90SSF-80	K		qtz with py	-5		0.6		75		108		103		44	21	0.46	90							
90SSF-81	K		sed with py	20		1.4		17		153		103		84	-5	0.03	112							
90SSF-82	K		brec mudstone	22		0.9		15		149		155		871	60	0.23	19							
90SSF-83	K		as above	-5		1		4		201		880		20	14	1	130							
90SSF-84	D		mudstone tr py	-5		0.5		19		19		103		7	-5	0.09	84							
90SSF-85	D		as above tr qtz	-5		0.3		4		18		20		10	8	0.07	160							
90SSF-86	D		brec sed	11		0.5		27		21		61		30	6	0.04	129							
90SSF-88	D		slt/ss	-5		0.5		198		33		129		38	16	0.76	41							

KEEWATIN ENGINEERING INC.

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TLT, NOVEMBER 1990

SAMPLE TYPE	SAMPLER	AREA CODE	
D - DRILLCORE	EE - TERRY TUCKER	B - BIG BULK	M - MIDNIGHT BLUE
F - FLOAT	SS - STEVE CREELMAN	D - DILLYWACKER	N - NISKA
C - CHIP	Z - DAVE TUPPER	G - GOSSAN MOUNTAIN	S - SAULT
R - GRAB	MM - MIKE RENNING	J - JADE LAKE	T - TROUT
L - SILT	TS - TIM SANDBERG	K - KINSKUCH RIVER	W - WHITE RIVER
S - SOIL	KW - KEVIN WEBB	L - LAHTE CREEK	
	AH - ALLAN HANSON		
	## - CLINTON FREDRICKSON		

SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90SSF-90	D		mudstone tr py	-5		0.3		11		9		62		22	18	0.14	23							
90SSF-92	D		as above	-5		0.5		33		13		59		20	7	0.04	96							
90SSR 93	J		mudstone	9		1.5		32		4		49		7	-5	0.01	219							
90SSR 94	J		ss brec	-5		-0.2		247		18		194		-5	-5	0.02	283							
90SSR 95	J		calc sed tr py	-5		0.8		152		7		72		7	10	0.1	64							
90SSF 96	J		as above	-5		2.7		44		30		128		-5	13	0.13	120							
90SSR 97	J		calc sed brec	44		0.7		13		15		5		202	5	-0.01	99							
90SSF 98	J		sed tr py	-5		0.7		32		13		45		9	-5	0.07	275							
90SSF 99	G		chl/calc py alt	9		0.9		14		11		27		9	-5	0.3	22							
90SSR 100	G		calc alt basalt	16		0.9		93		6		61		29	-5	0.13	58							
90SSR 101	G		as above tr py	7		0.7		58		-2		57		-5	7	0.16	318							
90SSR 102	G		qtz brec vn py	-5		0.7		179		5		56		14	7	0.22	214							
90SSR 103	G		qtz vn tr py	10		1.2		194		4		51		-5	6	0.22	47							
90SSR 104	G		as above	9		0.7		58		5		58		-5	10	0.19	115							
90SSR 105	G		sed w qtz py vn	11		0.5		16		6		2		15	15	-0.01	140							
90SSR 106	G		as above	7		1.1		681		48		65		116	197	0.02	-5							
90SSR 108	B		ser schist tr py	10		0.5		73		9		24		-5	-5	-0.01	46							
90SSR 109	B		schist 2% py	17		0.5		158		15		46		-5	-5	0.09	32							
90 SS R-110	B		cal brec tr py	232		4.2		1511		46		12		228	8		84				-1			
90 SS R110	B		unknown	56		0.7		1827		13		12		8	-5	0.08	80							
90 SS R-111	B		calc schist	79		2.5		759		51		188		118	8		23				1.5			
90 SS R-112	B		py vn in An	254		5.9		334		75		477		56	21		13				3.3			
90 SS R-113	B		calc py alt An	395		3.9		264		33		134		203	5		16				4			
90 SS R-114	B		as above	1144	0.042	3		233		34		51		969	10		-5				-1			
90 SS R-115	B		calc py alt An	961		5.4		673		1704		15973	2.35	437	14		15				15			
90 SS R-116	B		brecc An tr py	1285	0.038	5		127		72		121		832	11		5				-1			
90 SS-R117	J		ss with tr py	9		0.7		105		2		59		10	6	0.36	250							
90 SS-R118	J		cal alt slt py	7		0.8		43		3		56		19	-5	0.1	221							
90 SS-R119	K		An with py	-5		0.4		34		11		52		6	7	0.13	1639							
90 SS-R120	K		Felsic with mal	22		3		2250		14		33		-5	7	0.07	1335							
90 SS-R121	K		as above	-5		0.5		38		7		42		-5	-5	0.11	213							

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TLT, NOVEMBER 1990

SAMPLE TYPE	SAMPLER	AREA CODE	
D - DRILLCORE	EE - TERRY TUCKER	B - BIG BULK	M - MIDNIGHT BLUE
F - FLOAT	SS - STEVE CREELMAN	D - DILLYWACKER	N - NISKA
C - CHIP	Z - DAVE TUPPER	G - GOSSAN MOUNTAIN	S - SAULT
R - GRAB	MM - MIKE RENNING	J - JADE LAKE	T - TROUT
L - SILT	TS - TIM SANDBERG	K - KINSKUCH RIVER	W - WHITE RIVER
S - SOIL	KW - KEVIN WEBB	L - LAHTE CREEK	
	AH - ALLAN HANSON		
	## - CLINTON FREDRICKSON		

SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90 SS-R122	K		alt ser schist	11		3.3		78		161		533		898	26	0.03	96							
90 SS-R123	K		Si alt schist	14		4.5		25		74		30		845	17	0.04	19							
90 SS-R124	K		Si alt An	643		5		27		234		189		281	11	-0.01	28							
90 SS-R125	K		Fe alt An	11		3.3		61		44		70		70	13	0.01	140							
90 SS-R126	K		Si sed	-5		0.8		17		17		76		105	-5	-0.01	215							
90 SS-R127	K		schist tr py	12		2.2		34		53		67		508	9	0.01	40							
90 SS-R128	K		qtz vn cpy mal	-5		6.5		2904		117		56		48	16	0.15	377							
90 SS R-129	J		alt sediment	7		2		41		134		156		98	15		20			-1				
90 SS F-130	J		Si alt sed	14		0.6		200		94		71		-5	22		6			-1				
90 SS R-131	J		brecc tr py sed	-5		0.2		13		27		9		10	11		749			-1				
90 SS R-132	L		slt/ss	13		1.2		126		34		152		23	-5		59			-1				
90 SS R-133	L		calc sediment	8		2.1		34		13		151		60	13		223			-1				
90 SS R-134	L		qtz alt brec An	24		1.9		194		25		219		79	6		15			-1				
90 SS R-135	L		ss/slt tr py	19		2.1		248		29		176		181	11		8			-1				
90 SS R-136	L		sed with py gn	-5		0.7		24		14		214		30	13		124			-1				
90 SS R-137	L		sed with tr py	29		2.1		99		15		185		55	18		52			2				
90 SS R-138	L		volcanic tr py	18		2.5		25		30		89		28	16		55			-1				
90 SS F-139	L		sed with tr py	23		2.4		50		19		85		61	10		32			-1				
90 SS-R140	K		Si An tr mal	68		50	1.64	14424	1.31	490		1237		2000	2000	0.11	262		-1			0.1	101	
90 SS-R141	K		schist tr py gn	-5		3		108		144		157		357	45	0.05	75		-1			-0.1	196	
90 SS-R142	K		as above mal	13		9		1764		54		114		35	48	0.11	242		-1			-0.1	245	
90 SS-R143	K		as above	-5		0.9		127		16		74		24	-5	0.1	255		-1			-0.1	363	
90 SS-R144	K		as above	7		2.3		28		60		159		401	16	-0.01	22		-1			-0.1	177	
90 SS-R145	K		felsic with py	24		7		2061		69		15		262	20	-0.01	16		-1			0.3	206	
90 SS-R146	K		schist with py	12		2.7		69		42		21		1761	90	0.02	5		-1			0.1	195	
90 SS-R147	K		as above	52		2.3		105		121		102		906	23	0.11	15		-1			0.3	325	
90 SS-R148	B		cpy vein	78		32.5	0.92	20000	12.03	14		8		-5	10	-0.01	-5		-1			-0.1	49	
90 SS-R149	B		cpy vein	1053		15.7		20000	9.14	16		3		37	7	-0.01	5		-1			-0.1	74	
90 SS-R150	B		Following are	-5		0.8		641		5		77		12	-5	0.14	129		-1			0.4	601	
90 SS-R151	B		lithogeochem	8		0.9		436		5		111		6	-5	0.07	80		-1			2	845	
90 SS-R152	B		samples	9		2.4		10288	1.04	7		23		-5	6	0.06	58		-1			0.2	871	

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SAMPLE TYPE	SAMPLER	AREA CODE	
D - DRILLCORE	EE - TERRY TUCKER	B - BIG BULK	M - MIDNIGHT BLUE
F - FLOAT	SS - STEVE CREELMAN	D - DILLYWACKER	N - NISKA
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S - SOIL	KW - KEVIN WEBB	L - LAHTE CREEK	
	AH - ALLAN HANSON		
	## - CLINTON FREDRICKSON		

SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90 SS-R153	B		"	17		1.2		125		17		52		48	-5	0.02	11		-1			1.8	620	
90 SS-R154	B		"	21		1.8		838		27		42		44	6	0.05	15		-1			5	855	
90 SS-R155	B		"	37		0.8		361		17		84		48	-5	0.05	34		-1			4	835	
90 SS-R156	B		"	24		1.8		2843		13		159		11	6	0.12	305		-1			1.5	1388	
90 SS-R157	B		"	14		0.9		660		7		79		11	-5	0.03	27		-1			4.5	1079	
90 SS-R158	B		"	-5		1.1		275		8		126		-5	5	0.25	1256		-1			-0.1	58	
90 SS-R159B	B		"	147		2.2		15856	1.57	16		91		8	5	0.08	30		-1			-0.1	825	
90 SS-R159	B		"	32		2.1		20000	2.26	25		95		-5	-5	0.06	31		-1			-0.1	920	
90 SS-R160	B		"	337		2.4		5158		52		28		66	6	0.05	31		-1			2	315	
90 SS-R161	B		"	1950		1.6		377		9		61		-5	-5	0.1	22		-1			2.5	566	
90 SS-R162	B		"	55		1.3		289		14		148		13	-5	0.1	42		-1			5	578	
90 SS-R163	B		"	237		1.4		212		38		99		23	6	0.03	19		-1			7.5	1029	
90 SS-R164	B		"	8		0.8		107		16		116		30	6	0.02	136		-1			2.3	834	
90 SS-R165	B		"	13		0.5		582		8		9		-5	-5	0.09	67		-1			2	612	
90 SS-R166	B		"	198		1.6		483		-2		45		19	-5	0.02	84		-1			7.5	763	
90 SS-R167	B		"	31		1.2		273		-2		191		12	-5	0.13	64		-1			4.5	804	
90 SS-R168	B		"	20		1.5		110		57		129		8	-5	0.03	254		-1			12.5	744	
90 SS-R169	B		"	95		1.3		120		-2		127		14	-5	0.05	35		-1			1	727	
90 SS-R170	B		"	53		1.1		66		10		32		26	-5	-0.01	37		-1			3.3	605	
90 SS-R171	B		"	3360		15.9		20000	5.58	-2		5		77	16	0.01	9		-1			-0.1	122	
90 SS-R172	B		"	128		4.1		1977		-2		5		17	-5	0.01	118		-1			0.7	221	
90 SS-R173	B		"	18		1.2		139		-2		190		42	-5	0.13	168		-1			0.9	509	
90SSS004	J			-5		1.7		46		13		63		21		0.12	276	7						
90SSS005	J			26		1.4		38		13		57		24		0.04	136	5						
90SSS006	J			30		1.2		45		13		64		12		0.03	155	2						
90SSS007	J			-5		1.7		50		7		85		15		0.68	517	124						
90SSS008	J			-5		2.5		91		17		118		8		0.2	275	2						
90SSS009	J			17		0.4		17		3		20		-5		0.01	394	5						
90SSS010	J			9		1.5		113		40		78		51		0.54	1370	22						
90SSS011	J			-5		0.8		71		13		99		8		0.35	492	172						
90SSS012	J			-5		0.9		77		23		91		36		0.22	126	7						

KEEWATIN ENGINEERING INC.

KITSAULT PROJECT
COMPILATION OF ROCK, SOIL, SILT, DRILLCORE GEOCHEM/ASSAY RESULTS
ANALYSES BY BONDAR-CLEGG, VANCOUVER
TLT, NOVEMBER 1990

SAMPLE TYPE	SAMPLER	AREA CODE	
D - DRILLCORE	EE - TERRY TUCKER	B - BIG BULK	M - MIDNIGHT BLUE
F - FLOAT	SS - STEVE CREELMAN	D - DILLYWACKER	N - NISKA
C - CHIP	Z - DAVE TUPPER	G - GOSSAN MOUNTAIN	S - SAULT
R - GRAB	MM - MIKE RENNING	J - JADE LAKE	T - TROUT
L - SILT	TS - TIM SANDBERG	K - KINSKUCH RIVER	W - WHITE RIVER
S - SOIL	KW - KEVIN WEBB	L - LAHTE CREEK	
	AH - ALLAN HANSON		
	## - CLINTON FREDRICKSON		

SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90SSS013	J			45		0.7		54		7		55		-5		0.11	128	12						
90SSS014	J			179		0.7		269		26		89		17		0.23	1173	80						
90SSS015	J			-5		1.1		84		11		110		29		0.02	277	7						
90SSS016	J			-5		1.4		156		32		239		40		0.1	143	6						
90SSS017	J			-5		1.5		87		24		158		11		0.1	540	11						
90SSS018	J			-5		0.4		55		3		64		5		0.03	106	3						
90SSS021	T			-5		-0.2		10		14		70		25	-5	0.14			-5					
90SSS022	T			7		0.4		33		14		55		35	-5	0.04			-5					
90SSS023	T			7		-0.2		4		19		52		39	-5	0.05			-5					
90SSS024	T			8		0.3		14		21		110		10	-5	0.19			-5					
90SSS025	T			-5		0.4		17		9		70		31	-5	0.04			-5					
90SSS026	T			-5		-0.2		29		12		80		23	-5	0.06			5					
90SSS027	T			6		0.6		83		15		71		34	-5	0.09			-5					
90SSS028	T			5		0.3		77		15		38		24	-5	0.03			-5					
90SSS030	T			16		1.4		27		9		48		11	-5	0.05			-5					
90SSS032	T			18		0.8		21		7		22		5	-5	0.02			-5					
90SSS033	J			-5		-0.2		16		12		61		18	-5	0.04			5					
90SSS034	J			13		-0.2		27		15		74		13	-5	0.06			5					
90SSS035	J			-5		0.4		29		11		50		57	5	0.04			-5					
90SSS036	J			-5		0.6		46		12		118		14	-5	0.06			-5					
90SSS037	J			-5		0.3		19		6		15		-5	-5	0.02			-5					
90SSS038	J			-5		0.3		35		11		63		20	-5	0.03			-5					
90SSS039	J			-5		0.4		12		3		20		43	-5	0.02			-5					
90SSS042	J			-5		0.3		57		17		88		11	-5	0.07			-5					
90SSS043	J			-5		-0.2		17		6		30		16	-5	0.02			-5					
90SSS-55	K			9		1.9		165		8		378		119	-5	7.53	888							
90SSS-57	K			-5		0.7		40		10		132		-5	-5	0.04	233							
90SSS-60	K			7		0.9		72		12		165		12	-5	0.26	175							
90SSS-63	K			-5		0.5		29		15		62		-5	-5	0.13	157							
90SSS-69	K			-5		0.7		37		12		228		-5	-5	0.12	123							
90SSS-70	K			-5		1		57		7		115		-5	-5	0.1	79							

KEEWATIN ENGINEERING INC.

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TLT, NOVEMBER 1990

SAMPLE TYPE
D - DRILLCORE
F - FLOAT
C - CHIP
R - GRAB
L - SILT
S - SOIL

SAMPLER
EE - TERRY TUCKER
SS - STEVE CREELMAN
Z - DAVE TUPPER
MM - MIKE RENNING
TS - TIM SANDBERG
KW - KEVIN WEBB
AH - ALLAN HANSON
- CLINTON FREDRICKSON

AREA CODE
B - BIG BULK
D - DILLYWACKER
G - GOSSAN MOUNTAIN
J - JADE LAKE
K - KINSKUCH RIVER
L - LAHTE CREEK
M - MIDNIGHT BLUE
N - NISKA
S - SAULT
T - TROUT
W - WHITE RIVER

SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90SSS 71	B			24		0.6		118		57		80		24	5	0.03	112							
90SSS 72	B			12		0.9		58		15		103		6	5	0.25	102							
90SSS 73	B			16		0.7		82		13		123		14	-5	0.27	100							
90SSS 74	B			7		1		43		6		93		-5	8	0.63	271							
90SSS 75	B			12		0.5		33		9		45		13	-5	0.06	339							
90SSS 76	B			15		0.7		134		17		85		-5	-5	0.25	428							
90SSS 77	B			24		1.2		214		38		61		14	8	0.31	238							
90SS S-78	B			45		1.4		590		23		61		7	-5	0.5	1029							
90SS S-79	B			142		2.2		1173		23		49		19	9	0.33	151							
90SS S-80	B			111		2.1		1005		37		88		47	7	0.11	77							
90SS S-81	B			-5		0.7		116		7		69		-5	6	0.17	776							
90SS S-82	B			-5		0.9		30		4		43		-5	-5	0.03	130							
90SS S-83	B			-5		0.8		34		8		56		9	-5	0.03	96							
90SS S-84	B			-5		1.8		25		5		33		-5	-5	-0.01	65							
90SS S-85	B			-5		0.3		20		9		34		6	-5	0.05	71							
90SS S-86	B			8		0.6		98		10		104		23	6	0.19	316							
90SS-S87	B			115		1.9		149		81		156		92	8	0.41	86							
90SS-S88	B			48		0.7		77		31		60		44	-5	0.03	97							
90SS-S89	B			64		1.8		202		60		124		78	-5	0.09	149							
90SS-S90	J			19		1		48		8		67		30	-5						3			0.13
90SS-S91	J			-5		0.6		49		5		44		5	-5						1			0.255
90SS-S92	J			6		1		28		5		63		9	7						6			0.07
90SS-S93	J			10		2		59		10		97		34	-5						4			0.236
90SS-S94	J			12		2.1		58		14		164		24	5						3			0.176
90SS-S95	M			110		3.3		530		44		538		611	13						6			0.169
90SS-S96	M			106		3.2		589		123		216		553	19						4			0.152
90SS-S97	M			84		2.8		341		159		605		536	15						3			0.181
90SS-S98	M			101		0.8		650		65		704		768	34						8			0.259
90SS-S99	M			114		3.8		551		138		452		493	19						5			0.208
90SS-S100	M			504		2.6		810		525		1329		2000	36						8			2.321
90SS-S101	M			93		4.3		581		182		653		657	22						3			0.357

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TLT, NOVEMBER 1990

SAMPLE TYPE
D - DRILLCORE
F - FLOAT
C - CHIP
R - GRAB
L - SILT
S - SOIL

SAMPLER
EE - TERRY TUCKER
SS - STEVE CREELMAN
Z - DAVE TUPPER
MM - MIKE RENNING
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AREA CODE
B - BIG BULK
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SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90SS-S102	M			102		4.6		1197		135		489		451	25						3			0.304
90SS-S103	M			77		5.4		823		119		390		487	17						4			0.219
90SS-S104	M			82		4.9		556		254		792		748	20						4			0.715
90SS-S105	M			56		3.6		481		124		518		356	9						3			0.289
90SS-S106	M			99		4.3		610		193		821		627	9						4			0.4
90SS-S107	M			111		4		345		315		656		470	8						4			0.383
90SS-S108	M			85		4		689		108		623		494	6						6			0.307
90SS-S109	M			678		4.9		635		142		418		2000	25						10			0.26
90SS-S110	M			139		1.6		1091		127		339		429	10						6			0.473
90SS-S111	M			210		2.9		729		109		285		364	12						4			0.452
90SS-S112	M			194		2.6		714		115		209		303	13						8			0.351
90SS-S113	M			251		2.2		899		69		211		393	13						6			0.33
90SS-S114	M			132		4.3		525		38		178		212	8						4			0.374
90SS-S115	M			176		1.2		823		68		247		159	8						7			0.5
90SS-S116	M			122		0.9		481		50		109		101	7						11			0.333
90SS-S117	M			109		3.6		480		25		97		104	-5						6			0.549
90SS-S118	M			171		4.3		413		41		163		158	7						5			0.553
90-SS-S119	J			12		0.9		32		13		83		11	7	0.07	457							
90-SS-S120	J			26		1.2		32		12		67		16	-5	0.45	288							
90-SS-S121	J			5		1.4		68		12		78		6	5	0.97	445							
90-SS-S122	J			91		0.2		38		8		36		9	6	0.01	570							
90-SS-S123	J			6		1.3		40		3		136		18	-5	0.08	362							
90-SS-S124	J			11		0.9		51		11		186		22	8	0.13	157							
90-SS-S125	J			11		-0.2		97		15		150		-5	11	0.5	600							
90-SS-S126	J			-5		1.5		71		17		122		18	14	0.12	232							
90-SS-S127	J			-5		1.4		57		7		82		15	8	0.17	1645							
90-SS-S128	J			261		1.5		71		7		118		20	11	0.04	343							
90-SS-S129	J			20		1.1		36		7		66		13	5	0.04	221							
90-SS-S130	J			-5		2		59		11		49		29	11	0.04	150							
90-SS-S131	J			9		1.3		32		9		57		12	8	0.38	366							
90-SS-S132	J			6		1.1		47		5		29		11	5	0.02	64							

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SAMPLE TYPE
D - DRILLCORE
F - FLOAT
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SAMPLER
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AREA CODE
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SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90 SS S-133	L			42		2.7		214		36		200		261	21	0.07	143							
90 SS S-134	L			19		2		173		29		213		78	28	0.29	144							
90SSL001	J			7		0.7		78		10		106		23		0.12	250	36						
90SSL003	J			-5		0.8		89		17		118		39		0.15	197	25						
90SSL029	T			6		-0.2		55		19		216		42	7	0.43			10					
90SSL031	T			-5		0.4		10		12		145		31	-5	0.1			8					
90SSL033	T			12		0.3		47		16		192		50	-5	0.42			7					
90SSL044	J			-5		-0.2		75		11		145		22	-5	0.06			11					
90SSL047	L			6		0.4		38		16		165		53	7	0.29			11					
90SSL048	L			9		0.4		24		16		175		68	10	0.77			12					
90SSL049	L			34		0.3		27		10		111		16	-5	0.03			8					
90SSL050	L			15		0.3		43		15		145		51	12	0.19			10					
90SSL052	L			-5		0.3		78		17		180		40	11	0.13			10					
90SSL053	L			10		0.3		40		16		144		47	8	0.14			10					
90SSL054	L			10		0.3		35		18		112		27	6	0.08			11					
90SSL-56	K			-5		1.2		75		9		108		35	-5	0.05	183							
90SSL-58	K			-5		0.7		26		11		149		-5	-5	0.09	446							
90SSL-62	K			-5		0.7		56		43		248		25	-5	0.32	268							
90SSL-64	K			-5		0.8		91		32		227		45	-5	0.94	404							
90SSL-67	K			-5		0.5		82		18		172		157	-5	0.49	232							
90SSL-71	K			-5		0.5		43		16		144		18	-5	0.23	248							
90SSL-72	K			-5		0.6		45		19		198		12	-5	0.65	256							
90SSL-73	K			-5		0.5		54		16		170		5	-5	0.38	226							
90SSL-74	K			-5		0.6		54		15		209		-5	-5	0.6	159							
90SSL-75	K			-5		0.6		29		18		225		14	-5	4.49	734							
90SSL-76	K			IS		0.5		49		21		197		22	-5	0.4	309							
90SSL-87	D			15		0.4		21		13		104		23	8	0.12	114							
90SSL-89	D			24		0.4		16		11		97		31	11	0.09	74							
90SSL-91	D			-5		0.4		20		11		93		23	7	0.09	79							
90SSL-93	D			-5		0.4		33		12		121		24	6	0.12	93							
90SSL-94	D			-5		0.4		34		12		121		25	6	0.1	82							

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TLT, NOVEMBER 1990

SAMPLE TYPE
D - DRILLCORE
F - FLOAT
C - CHIP
R - GRAB
L - SILT
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SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90SSL-95	D			8		0.4		24		13		117		26	7	0.1	71							
90SSL-100	D			-5		0.4		23		13		142		44	13	0.09	72							
90SSL-101	D			15		0.7		40		29		146		38	7	0.3	179							
90SSL-102	D			-5		0.5		46		15		146		23	-5	0.12	98							
90SSL-103	D			-5		0.3		26		12		102		18	-5	0.08	91							
90SSL-104	D			6		0.4		20		12		139		31	13	0.07	60							
90SSL-105	D			-5		0.4		27		10		109		11	-5	0.12	121							
90SSL-106	D			-5		0.3		25		11		102		19	-5	0.08	90							
90SSL-107	D			7		0.5		23		11		170		31	10	0.07	58							
90SSL 108	J			11		0.5		60		18		122		-5	-5	0.07	104							
90SSL 109	J			50		1.3		91		16		246		20	10	0.12	250							
90SSL 110	J			13		0.7		90		8		79		-5	7	0.12	178							
90SSL 111	J			28		0.8		85		18		138		73	11	0.2	147							
90SSL 112	J			17		0.8		91		17		126		76	9	0.36	192							
90SSL 113	J			23		0.6		70		16		118		76	6	0.17	149							
90SSL 114	J			-5		0.6		70		10		120		-5	-5	0.18	190							
90SSL 115	J			6		0.7		83		14		141		18	5	0.2	118							
90SSL 116	J			7		0.7		43		13		127		21	-5	0.19	188							
90SSL 117	J			-5		0.4		48		5		80		-5	9	0.11	121							
90SSL 118	J			6		0.5		67		10		109		-5	11	0.14	108							
90SSL 119	J			35		0.6		64		10		111		28	-5	0.14	162							
90SSL 120	G			8		0.6		59		10		134		7	-5	0.19	177							
90SSL 121	G			8		0.9		61		-2		70		12	6	0.1	187							
90SSL 122	B			15		1.3		369		17		219		51	-5	0.16	86							
90SSL 123	B			15		1		899		20		162		20	8	0.4	314							
90SSL 124	B			19		1		126		18		109		23	6	0.16	181							
90SSL 125	B			12		0.8		102		17		84		29	8	0.16	199							
90SSL 126	B			6		0.9		105		9		98		-5	-5	0.21	372							
90SSL 130	B			-5		0.6		125		11		122		-5	-5	0.17	410							
90SSL 131	B			IS		0.6		71		10		164		-5	8	0.15	219							
90SS-L132	L			15		0.9		90		15		148		14	7	0.22	432							

KEEWATIN ENGINEERING INC.

KITSAULT PROJECT
COMPILATION OF ROCK, SOIL, SILT, DRILLCORE GEOCHEM/ASSAY RESULTS
ANALYSES BY BONDAR-CLEGG, VANCOUVER
TLT, NOVEMBER 1990

SAMPLE TYPE	SAMPLER	AREA CODE	
D - DRILLCORE	EE - TERRY TUCKER	B - BIG BULK	M - MIDNIGHT BLUE
F - FLOAT	SS - STEVE CREELMAN	D - DILLYWACKER	N - NISKA
C - CHIP	Z - DAVE TUPPER	G - GOSSAN MOUNTAIN	S - SAULT
R - GRAB	MM - MIKE RENNING	J - JADE LAKE	T - TROUT
L - SILT	TS - TIM SANDBERG	K - KINSKUCH RIVER	W - WHITE RIVER
S - SOIL	KW - KEVIN WEBB	L - LAHTE CREEK	
	AH - ALLAN HANSON		
	## - CLINTON FREDRICKSON		

SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90SS-L133	L			9		0.8		61		20		154		-5	7	0.18	387							
90SS-L134	L			12		0.8		59		23		172		-5	9	0.19	478							
90SS-L135	L			9		0.7		50		18		137		25	8	0.19	307							
90SS-L136	L			9		0.8		45		13		137		37	5	0.2	240							
90SS-L137	L			-5		1.1		107		16		123		25	6	0.22	286							
90SS-L138	L			-5		0.7		42		7		99		-5	-5	0.16	155							
90SS-L139	L			-5		0.6		67		13		142		13	-5	0.15	133							
90SS-L140	L			-5		0.7		51		9		180		-5	-5	0.13	98							
90SS-L141	L			-5		0.5		41		7		105		15	8	0.13	89							
90SS-L142	B			42		1.7		192		48		188		54	11	0.16	29							
90SS-L143	B			35		1.5		188		28		150		68	10	0.16	30							
90SS-L144	B			58		-0.2		421		68		226		132	13	0.08	7							
90SSL 145	B			9		0.5		40		11		118		17	8						-1			0.056
90SS-L145	B			243		2.6		516		51		240		144	17	0.11	16							
90SSL 146	L			155		0.6		32		24		122		18	-5						-1			0.098
90SSL 147	L			12		0.7		44		19		133		20	-5						-1			0.078
90SSL 149	L			26		0.9		56		15		129		34	9						-1			0.08
90SSL 150	L			9		0.6		46		11		139		11	7						-1			0.107
90SSL 151	L			9		0.4		43		14		184		12	6						-1			0.103
90SSL 152	L			-5		0.5		37		8		134		19	-5						3			0.079
90SSL 153	L			12		0.8		67		12		247		31	6						4			0.083
90SSL 154	J			6		1.1		139		16		324		61	11						23			0.346
90SSL 155	J			6		1.7		136		14		363		75	14						27			0.429
90SSL 156	J			66		1.3		51		14		219		51	-5						5			0.116
90SSL 157	J			-5		0.8		40		10		162		26	-5						2			0.126
90SSL 158	J			-5		1.5		61		14		199		30	8						3			0.192
90SSL 159	W			-5		0.6		42		10		177		38	-5						3			0.064
90SSL 160	W			-5		1		29		9		255		32	-5						3			0.157
90SSL 161	W			-5		1.4		96		22		535		50	10						7			0.134
90SSL 162	W			-5		0.7		38		11		195		27	5						2			0.097
90SSL 163	W			-5		0.9		43		8		198		13	-5						2			0.169

KEEWATIN ENGINEERING INC.

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TLT, NOVEMBER 1990

SAMPLE TYPE

D - DRILLCORE
F - FLOAT
C - CHIP
R - GRAB
L - SILT
S - SOIL

SAMPLER

EE - TERRY TUCKER
SS - STEVE CREELMAN
Z - DAVE TUPPER
MM - MIKE RENNING
TS - TIM SANDBERG
KW - KEVIN WEBB
AH - ALLAN HANSON
- CLINTON FREDRICKSON

AREA CODE

B - BIG BULK
D - DILLYWACKER
G - GOSSAN MOUNTAIN
J - JADE LAKE
K - KINSKUCH RIVER
L - LAHTE CREEK
M - MIDNIGHT BLUE
N - NISKA
S - SAULT
T - TROUT
W - WHITE RIVER

SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90 SS L-164B	L			30		1.6		78		20		579		103	16	0.22	103							
90-SSL-164	J			-5		0.5		42		10		145		6	7	0.05	219							
90-SSL-165	J			10		0.8		59		8		93		13	6	0.21	352							
90-SSL-166	J			9		0.9		61		12		296		24	14	0.43	476							
90-SSL-167	J			9		0.9		51		9		168		22	9	0.2	402							
90 TS-R1224	M		qtz 20% py	4030		10.1		786		357		162		2000	62		19			1				
90 TS-R1278	M		1m qtz vn 1%sp	141		2.1		51		383		10562		2000	88		57			59				
90 TS-R1279	M		all following	44		5.9		2026		103		542		97	27		68			1				
90 TS-R1280	M		are 1m * 1m	55		11.6		2774		926		15163		258	29		99			78				
90 TS-R1281	M		panel samples	116		7.2		2268		330		6422		226	29		124			31				
90 TS-R1282	M		"	26		4.1		1668		134		2239		75	20		221			9				
90 TS-R1283	M		"	27		5.9		1939		68		2961		84	39		164			13				
90 TS-R1284	M		"	22		5.4		1652		77		1784		44	42		131			8				
90 TS-R1285	M		"	22		4.2		2189		24		1357		27	29		106			8				
90 TS-R1286	M		"	26		4.5		2347		58		3058		38	28		109			18				
90 TS-R1287	M		"	34		5.3		1164		626		5735		85	23		134			30				
90 TS-R1288	M		"	68		7.2		1716		955		14371		141	33		83			81				
90 TS-R1289	M		"	29		6.9		1722		45		1985		40	64		96			10				
90 TS-R1290	M		"	34		3.3		1760		35		1065		69	29		50			6				
90 TS-R1291	M		"	43		3.8		3373		9		220		49	31		34			-1				
90 TS-R1292	M		"	28		2.9		1715		8		74		28	23		45			-1				
90 TS-R1293	M		"	31		5.8		2346		78		274		49	117		191			-1				
90 TS-R1294	M		"	23		2.3		1696		9		161		113	23		161			-1				
90 TS-R1295	M		chl An, 10% py	219		3.7		436		38		238		915	12		17			-1				
90 TS-R1296	M		Si An, 1% py	21		0.3		25		-2		11		9	-5		26			-1				
90 TS-R1297	M		qtz/chl/py An	127		2		185		61		2719		117	7		22			12				
90 TS-R1298	M		qtz vn in An py	15		-0.2		81		42		49		37	8		1263			-1				
90 TS-R1299	D		Si An, 2% py	25		0.6		108		25		41		29	7		132			-1				
90 TS-R1300	M		qtz/carb vn py	65		1.8		180		91		111		248	33		20			-1				
90 TS-R1301	D		qtz vn in An	8		1.3		199		-2		89		8	6	0.28	1316		-1			-0.1	137	
90 TS-R1302	M		ank alt An	11		1.1		891		-2		63		13	127	0.22	511		-1			0.3	312	

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TLT, NOVEMBER 1990

SAMPLE TYPE	SAMPLER	AREA CODE	
D - DRILLCORE	EE - TERRY TUCKER	B - BIG BULK	M - MIDNIGHT BLUE
F - FLOAT	SS - STEVE CREELMAN	D - DILLYWACKER	N - NISKA
C - CHIP	Z - DAVE TUPPER	G - GOSSAN MOUNTAIN	S - SAULT
R - GRAB	MM - MIKE RENNING	J - JADE LAKE	T - TROUT
L - SILT	TS - TIM SANDBERG	K - KINSKUCH RIVER	W - WHITE RIVER
S - SOIL	KW - KEVIN WEBB	L - LAHTE CREEK	
	AH - ALLAN HANSON		
	## - CLINTON FREDRICKSON		

SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90 TS-R1303	B		An with 5% py	499		2.4		906		619		12145	1.53	163	113	0.24	19		-1			1	405	
90 TS-R1304	B		qtz mal 5% py	32		0.7		66		-2		59		8	-5	0.02	24		-1			3.4	645	
90 TS-R1305	B	0.6	qtz chl 10% py	1319		4.3		125		-2		235		173	11	0.15	11		-1			0.9	467	
90 TS-R1306	B	1.0	clay alt 10% py	156		3.8		304		-2		22		67	6	0.02	12		-1			12.5	342	
90 TS-R1307	B	1.0	qtz vn 2% py	124		2.1		361		-2		84		99	247	-0.01	47		-1			0.3	157	
90 TS-R1308	B		carb/2%py altAn	20		1.3		943		-2		85		21	5	0.08	24		-1			7.5	1239	
90 TS-R1309	B	3.0	qtz vn mal cpy	48		0.7		104		-2		23		71	-5	0.05	44		-1			2.5	583	
90 TS-R1310	B	2.0	qtz with 2% py	54		0.8		28		-2		17		54	6	0.02	68		-1			3	352	
90 TS-R1311	B		jarosite qtz sh	26		1		46		-2		87		80	-5	0.16	48		-1			0.3	522	
90 TS-R1312	B	2.0	qtz ser alt	29		0.9		245		-2		22		38	-5	-0.01	11		-1			7.5	502	
90 TS-R1313	B	3.0	Si shear 10% py	294		4.1		2067		-2		307		1149	898	-0.01	5		-1			2.8	460	
90 TS-R1314	B		Si shear 2% py	88		1.9		1065		-2		233		244	141	0.1	84		-1			2	530	
90 TS-R1315	B		clay alt 2% py	14		0.6		71		-2		11		19	5	-0.01	42		-1			11.5	1003	
90 TS-R1316	B		Fe chl An 5% py	167		1.6		2695		3		122		21	7	0.05	22		-1			5	819	
90 TS-R1317	B		An 10%py,5%cpy	316		16.5		20000	3.54	315		6		55	8	-0.01	-5		-1			-0.1	244	
90 TS-R1318	B		qtz ser py alt	130		2.7		3035		-2		33		43	-5	0.03	15		-1			4.8	623	
90 TS-R1319	B		qtz ser alt 1%py	9		1		67		-2		7		17	-5	-0.01	18		-1			8.5	405	
90 TS-R1320	B	1.0	Si An tr py	134		1.6		109		-2		3		30	-5	-0.01	389		-1			20	829	
90ZG-1	T		carb alt An	-5		8.5		48		1439		357		1187		0.3	30	41						
90ZG-2	T		as above	-5		6.9		28		1498		5505		510		1.94	93	579						
90ZC-3	T	1.9	Fe alt An 2% py	-5		10.7		11		225		2489		967		0.14	31	14						
90ZF-4	T		massive gn, sp	6		50	49.06	1944		10000	39.33	971		122		0.03	44	22						
90ZR-5	T		Fe alt An,qtz vn	79		3		15		123		64		338	27	0.02	77	6						
90ZC-6	B	0.7	Si vn 30% py	53		1.2		171		58		37		28	8	0.05	19	27						
90ZF-7	B		qtz carb vn mal	1006	0.035	5.4	0.14	17395	2.07	25		48		-5	6	0.05	39	33						
90ZR-8	B		Fe alt ser py An	-5		0.5		168		26		160		26	8	0.12	33	41						
90ZR-9	B		as above	-5		1		167		17		24		12	6	-0.01	21	10						
90ZR-10	T		py carb alt An	-5		2		160		25		47		-5	-5	0.08			-5					
90ZC-11	T	0.8	carb alt An brec	14		50	1.69	124		191		576		30	104	0.27			5					
90ZC-12	T	0.5	An, 2% gn sp	24		46.3	1.4	111		246		579		19	101	0.33			-5					
90ZC-13	T	0.5	An 10%py Ag?	6		50	36.35	4144		7296		1137		244	2000	0.21			6					

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TLT, NOVEMBER 1990

SAMPLE TYPE
- D - DRILLCORE
- F - FLOAT
- C - CHIP
- R - GRAB
- L - SILT
- S - SOIL

SAMPLER
- EE - TERRY TUCKER
- SS - STEVE CREELMAN
- Z - DAVE TUPPER
- MM - MIKE RENNING
- TS - TIM SANDBERG
- KW - KEVIN WEBB
- AH - ALLAN HANSON
- ## - CLINTON FREDRICKSON

AREA CODE
- B - BIG BULK
- D - DILLYWACKER
- G - GOSSAN MOUNTAIN
- J - JADE LAKE
- K - KINSKUCH RIVER
- L - LAHTE CREEK
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- N - NISKA
- S - SAULT
- T - TROUT
- W - WHITE RIVER

SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90ZF-14	T		An Ag sulfosalts	-5		50	107.88	9263		2317		1256		114	2000	0.18			13					
90ZC-15	T	0.7	An tr py gn	-5		39.6	1.09	114		5056		402		470	104	0.1			-5					
90ZC-16	T	0.8	gn sp in An	43		50	18.23	818		10000	14.15	619		832	946	0.03			-5					
90ZC-17	T	0.8	An tr gn py	66		39.5	1.11	67		6037		385		614	115	0.03			-5					
90ZF-18	L		ser schist 20%py	11		42.8	1.26	248		720		2329		310	147	0.76			-5					
90ZF-19	L		as above	71		16.4		108		207		146		142	32	0.02			-5					
90ZF-20	L		carb vn 20% gn	-5		28.9	0.82	229		990		5232		94	96	0.56			-5					
90ZR-21	L		as above	-5		23	0.67	326		1776		8630		226	142	0.63			8					
90ZR-22	L		ser schist tr gn	-5		4.3		108		332		10711	1.1	66	16	0.58			12					
90ZF-23	L		An with mal/az	313		50	3.7	9423		127		2482		302	52	0.17			36					
90ZF-24	L		qtz/carb vn gn	-5		7.2		138		837		1210		29	17	0.51			-5					
90ZF-25	L		as above	-5		8		53		134		460		8	17	0.33			-5					
90ZR-26	L		as above	-5		3		17		192		356		14	9	0.46			-5					
90ZR-27	T		Fe alt slt tr py	7		1.1		5		1418		10607	1.18	567	254	2.21	223							
90ZR-28	K		Fe slt with py	7		0.4		22		13		121		14	-5	0.1	73							
90ZR-29	K		slt/An contact	-5		0.7		112		15		132		25	-5	0.09	286							
90ZR-30	K		Fe alt slt/lst	-5		0.6		45		23		79		194	10	0.21	175							
90ZR-31	K		felsic dyke 3%py	13		1.1		132		83		97		105	10	0.1	33							
90ZR-32	K		qtz chl veins	-5		0.3		-1		7		103		-5	-5	0.06	128							
90ZR-33	K		carbonate shear	-5		0.7		58		30		243		54	17	0.38	877							
90-ZR-34	G		carbonate vein	6		1.6		24		62		250		9	5	0.24	63							
90-ZR-35	G		carbonate vein	-5		0.8		8		37		169		-5	-5	0.2	257							
90-ZR-36	G		carbonate shear	-5		1.5		1654		11		67		11	-5	0.16	293							
90-ZR-37	G		An cong	7		0.6		69		33		40		16	8	0.03	79							
90-ZR-38	G		qtz/carb vn	-5		0.7		48		10		78		53	14	0.19	46							
90-ZR-39	G		py in qtz shear	39		1.7		65		19		280		295	47	0.04	11							
90-ZC-40	T	0.6	massive galena	-5		50	4.54	225		10000	1.61	20000	9.1	333	140	0.12	14							
90-052-ZR-41	T		chl tuff gn	-5		50	2.79	663		3367		1183		21	408	0.07	566							
90-052-ZR-42	T		as above gn	-5		50	1.57	237		2633		1078		19	143	0.06	549							
90-052-ZR-43	T		as above gn	16		50	22.92	1204		8281		1234		23	1105	0.06	449							
90-052-ZC-44	T	1.5	.4m massive sulp	9		50	4.32	361		1990		909		24	149	0.08	660							

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TLT, NOVEMBER 1990

SAMPLE TYPE	SAMPLER	AREA CODE	
D - DRILLCORE	EE - TERRY TUCKER	B - BIG BULK	M - MIDNIGHT BLUE
F - FLOAT	SS - STEVE CREELMAN	D - DILLYWACKER	N - NISKA
C - CHIP	Z - DAVE TUPPER	G - GOSSAN MOUNTAIN	S - SAULT
R - GRAB	MM - MIKE RENNING	J - JADE LAKE	T - TROUT
L - SILT	TS - TIM SANDBERG	K - KINSKUCH RIVER	W - WHITE RIVER
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	AH - ALLAN HANSON		
	## - CLINTON FREDRICKSON		

SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90-052-ZC-45	T	1.4	slt/carb beds	-5		0.8		23		20		79		146	31	0.66	244							
90-052-ZR-46	T		epiclastic tr py	6		2.9		41		43		146		7	8	0.05	81							
90-052-ZR-47	T		Fe alt slt	26		4.6		88		198		422		1839	411	0.02	113							
90-052-ZR-48	T		An tr gn/py	-5		5.8		87		2479		4356		-5	8	0.26	318							
90-052-ZR-49	T		sulp vein Si	204		50	3.23	354		10000	2.07	20000	5.97	913	84	0.06	16							
90-052-ZR-50	T		as above	166		50	1.53	81		6477		15456	1.64	301	36	0.22	46							
90-052-ZR-51	T		as above	461		50	3.05	115		7598		17458	1.88	593	60	0.14	67							
90-052-ZR-52	T		as above	6		18.9		67		2358		14613	1.6	215	31	0.18	84							
90 052 ZR 053	J		Fe chert tr py	-5		0.4		57		6		50		13	-5		105				5			
90 052 ZR 054	J		calc mudstone	-5		0.9		26		-2		64		9	-5		59				2.1			
90 052 ZR 055	J		ss with 2% py	-5		0.7		87		4		119		7	-5		43				-1			
90 052 ZR 056	J		Fe alt qtz vn	10		-0.2		20		-2		33		322	-5		59				2.4			
90 052 ZR 057	J		wacke with tr py	-5		0.7		99		7		66		39	-5		280				-1			
90 052 ZR 058	J		carb alt volc	-5		0.8		95		-2		53		45	-5		194				-1			
90 052 ZR 059	J		black slt	8		0.8		28		11		16		64	15		37				-1			
90 052 ZR 060	L		calc An 3% py	-5		1.3		10		68		2156		42	6		43				3.4			
90 052 ZR 061	L		ser py, schist	19		2.3		20		708		538		41	-5		41				5.6			
90 052 ZR 062	L		as above 30% py	-5		1.8		11		24		99		16	5		18				12.2			
90 052 ZR 063	L		as above	-5		3.7		11		601		464		28	5		6				2.9			
90 052 ZR 064	L		qtz stockwork	29		1.1		71		19		74		14	-5		570				1.9			
90 052 ZR 065	L		ser schist tr py	100		4.4		76		22		54		84	6		33				4.8			
90 052 ZR 066	L		qtz cpy vn	27		5.6		3809		9		197		13	7		151				5.9			
90 052 ZR 067	L		qtz 10%cpy vn An	10000	0.826	17.7		20000	3.69	32		135		126	16		7				5.1			
90 052 ZR 068	L		qtz bn vn in An	400		50	5.74	20000	11.2	3337		169		-5	12		21				34.5			
90-052-ZR-73	L		maroon An 2% py	-5		2.1		34		92		16		25	-5	0.01	47							
90-052-ZR-74	L		qtz vein	-5		-0.2		7		2		20		-5	-5	0.03	32							
90-052-ZR-75	G		calc cong	-5		0.9		7		3		29		-5	-5	0.23	105							
90-052-ZR-76	G		as above 2% py	-5		0.7		68		5		79		-5	6	0.11	94							
9052ZR-77	T		qtz cal vn brec	-5		7.5		128		3734		3884		7	12		244			118				
9052ZR-78	T		diamictite	6		1.3		21		2569		14296		350	56		118			293				
9052ZR-79	T		Si An tr gn	-5		1.2		8		331		325		22	7		325			-1				

KEEWATIN ENGINEERING INC.

KITSAULT PROJECT
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TLT, NOVEMBER 1990

SAMPLE TYPE	SAMPLER	AREA CODE	
D - DRILLCORE	EE - TERRY TUCKER	B - BIG BULK	M - MIDNIGHT BLUE
F - FLOAT	SS - STEVE CREELMAN	D - DILLYWACKER	N - NISKA
C - CHIP	Z - DAVE TUPPER	G - GOSSAN MOUNTAIN	S - SAULT
R - GRAB	MM - MIKE RENNING	J - JADE LAKE	T - TROUT
L - SILT	TS - TIM SANDBERG	K - KINSKUCH RIVER	W - WHITE RIVER
S - SOIL	KW - KEVIN WEBB	L - LAHTE CREEK	
	AH - ALLAN HANSON		
	## - CLINTON FREDRICKSON		

SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
9052ZR-80	T		volcanic ss py	-5		3		23		254		1129		630	39		26			5				
9052ZR-81	T		diamictite	-5		1.9		12		2340		11975		208	39		187			160				
9052ZR-82	D		mudstone brec	-5		0.3		22		24		156		15	8		85			-1				
9052ZR-83	D		qtz vein	15		0.3		10		26		80		1582	10		120			3				
9052ZR-84	D		felsic breccia	-5		0.7		7		10		67		44	9		38			-1				
9052ZR-85	D		felsic breccia	-5		0.4		7		9		53		87	13		22			-1				
9052ZR-86	D		felsic breccia	-5		0.8		9		12		93		51	10		24			-1				
9052ZR-87	D		felsic breccia	15		1.1		20		25		87		92	12		14			-1				
9052ZF-88	D		calc volcanic	-5		1.2		120		17		40		55	6		175			-1				
9052ZR-89	B		qtz/calc brec vn	157		0.4		105		15		18		55	33		40			-1				
9052ZR-90	B		as above	2584		2.5		148		166		137		273	15		8			-1				
9052ZR-91	B		graphitic shear	1050		6.1		1001		3167		15960		441	14		14			99				
9052ZF-92	B		py cpy barite vn	349		7.4		51		28		73		282	5		8			-1				
9052ZR-93	B		py barite vn	41		0.8		39		16		95		78	-5		15			-1				
9052ZR-94	B		barite vn	320		12.9		945		5337		14564		240	385		39			116				
9052ZR-95	B		qtz py cpy bn	59		0.6		22		68		169		62	6		140			-1				
9052ZR-96	B		as above	69		2.9		236		100		4118		161	83		22			32				
9052ZR-97	B		qtz calc vn	263		9.1		11326		195		259		43	8		28			-1				
9052ZR-98	B		qtz calc vn	471		5.3		336		59		3420		207	8		42			17				
9052ZR-99	B		qtz py cpy gn vn	969		9.9		4325		3199		14524		354	29		-5			92				
9052ZF-100	B		as above	861		33.1		4770		10000	5.04	20000	9.39	358	57		-5			449				
9052ZF-101	B		as above	1201		50	1.78	3513		10000	3.1	20000	6.54	1525	147		-5			311				
90ZS-1	T			-5		1.9		85		25		58		17	9	0.03	17	1						
90ZS-2	T			-5		-0.2		175		5		86		-5	-5	0.05			-5					
90-052-ZS-3	K			16		0.7		162		85		521		787	21	1.63	995							
90Z052-S4	J			18		1.1		31		11		65		-5	-5	0.05	83							
90Z052-S5	J			79		1.6		163		16		125		1182	14	0.17	86							
90Z052-S6	J			38		-0.2		64		62		72		57	93	0.27	66							
90Z052-S7	L			20		5.8		180		2374		939		96	8	0.42	104							
90Z052-S8	L			50		4.7		113		1671		545		-5	13	0.13	19							
90Z052-S9	L			6		3.9		64		275		182		80	14	0.17	96							

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TLT, NOVEMBER 1990

SAMPLE TYPE	SAMPLER	AREA CODE	
D - DRILLCORE	EE - TERRY TUCKER	B - BIG BULK	M - MIDNIGHT BLUE
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	AH - ALLAN HANSON		
	## - CLINTON FREDRICKSON		

SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90-052-ZS-11	L			24		50		605		10000		80		649	206						417			11.09
90-052-ZS-12	L			-5		2.3		46		68		142		9	-5						4			0.047
90-052-ZS-13	L			9		1.2		44		17		191		7	6						1			0.072
90052ZS-14	D			-5		0.6		57		20		176		48	17		120			-1				
90052ZS-15	D			30		1.6		32		39		183		292	26		83			-1				
90052ZS-16	D			17		-0.2		16		32		85		240	24		111			-1				
90052ZS-17	D			-5		2.2		155		30		533		54	15		126			6				
90052ZS-18	D			8		1.1		113		77		726		54	10		152			10				
90ZL-1	T			-5		0.3		12		23		430		17	-5	2.91			10					
90ZL-2	T			-5		0.3		14		22		349		38	-5	4.13			12					
90ZL-3	T			8		0.4		63		31		288		35	5	1.61			12					
90ZL-4	T			-5		-0.2		92		16		210		16	6	0.18			-5					
90ZL-5	T			-5		-0.2		43		8		136		-5	-5	0.16			7					
90ZL-6	T			-5		0.3		76		15		106		9	6	0.17			5					
90ZL-7	T			-5		-0.2		90		15		158		23	6	0.21			6					
90ZL-8	T			7		0.3		139		19		128		31	7	0.17			-5					
90ZL-9	T			-5		-0.2		43		13		153		-5	-5	0.28			10					
90ZL-10	T			-5		0.3		51		24		218		13	-5	1.29			7					
90ZL-11	G			-5		0.4		59		23		222		12	-5	0.4			5					
90ZL-12	L			-5		2.8		34		81		352		25	13	0.38			7					
90ZL-13	L			-5		0.9		27		42		191		45	7	0.25			6					
90-052-ZL-14	G			17		1.1		71		26		133		5	-5	0.18	212							
90-052-ZL-15	G			-5		0.9		86		12		87		23	18	0.12	144							
90-052-ZL-16	G			13		0.9		88		13		109		15	7	0.18	226							
90-052-ZL-17	G			16		0.9		84		14		79		38	19	0.12	173							
90-052-ZL-18	G			20		0.9		92		14		118		64	22	0.12	165							
90-052-ZL-19	T			11		1.7		24		66		362		6	10	0.57	347							
90Z052-L20	J			-5		1.2		78		19		276		24	6	0.26	192							
90Z052-L21	J			-5		1.1		104		32		218		120	14	0.26	248							
90Z052-L22	J			-5		0.8		35		7		85		7	-5	0.11	112							
90Z052-L23	J			-5		0.7		56		9		130		43	10	0.14	112							

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SAMPLE NO.	AREA	WIDTH	DESCRIPTION	Au (ppb)	Au (opt)	Ag (ppm)	Ag (opt)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mn (%)	Ba (ppm)	Sr (ppm)	Bi (ppm)	Cd (ppm)	Mo (ppm)	Se (ppm)	F (ppm)	Hg (ppm)
90Z052-L24	J			-5		0.7		50		9		108		25	7	0.13	100							
90Z052-L25	J			-5		0.9		74		13		161		94	9	0.19	170							
90Z052-L26	J			-5		1		68		13		153		79	11	0.16	172							
90Z052-L27	J			-5		0.7		48		11		121		22	-5	0.19	141							
90Z052-L28	J			-5		0.8		47		10		147		43	11	0.4	154							
90Z052-L29	J			-5		1.1		75		15		182		51	10	0.2	201							
90-052-ZL-38	G			-5		0.7		52		3		67		-5	-5						-1			0.032
90-052-ZL-39	G			6		0.7		27		11		110		17	7						3			0.106
90-052-ZL-40	G			-5		0.8		47		9		158		9	-5						3			0.098
90-052-ZL-41	G			-5		0.7		104		13		162		13	6						3			0.101
90-052-ZL-42	G			-5		0.8		100		9		137		14	6						1			0.063
90-052-ZL-43	G			-5		0.8		54		15		132		18	7						2			0.13
90-052-ZL-44	G			-5		0.8		62		10		129		13	-5						2			0.135
90-052-ZL-45	G			-5		0.7		48		10		136		11	-5						3			0.116
90-052-ZL-46	G			-5		1		48		10		133		9	-5						2			0.169
90-052-ZL-47	G			8		0.7		90		7		83		10	8	0.12	210							
90-052-ZL-48	G			27		0.8		90		9		98		16	12	0.15	358							
90-052-ZL-49	G			76		0.6		54		8		83		6	-5	0.2	372							
90-052-ZL-50	G			7		0.8		39		11		119		-5	-5	0.41	280							
90-052-ZL-51	G			13		1.2		104		15		164		87	19	0.18	141							
90-052-ZL-52	G			10		1.2		80		9		118		13	-5	0.22	148							
90-052-ZL-53	G			24		1.4		111		14		133		66	9	0.19	149							
90-052-ZL-54	G			-5		0.9		60		13		168		23	-5	0.14	106							
90052ZL-55	K			10		0.8		41		34		178		195	12		215			-1				
90052ZL-56	L			12		0.8		56		12		284		43	16		107			2				

APPENDIX V

1990 Trout Geochemical Soil Grid Assay Compilation

TROUT SOIL GRID

STATISTICAL SUMMARY - OCTOBER, 1990

	Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	As (ppm)	Ba (ppm)	Sb (ppm)	Mn (%)
No.	1013	1015	989	1004	1015	1015	1015	1015	1015
Min.	2.5	0.1	3	10	2	2.5	15	2.5	0.005
Max.	128	>50	4893	3923	328	>2000	1865	476	3.2
Mean	6	2.6	248	194	23	84	143	14	0.2
Std. Dev.	10	5.0	629	395	20	210	168	29	0.4
X + 1 S.D.	16	7.6	877	589	43	294	311	43	0.6
X + 2 S.D.	26	13.6	1506	984	63	504	479	72	1.0
X + 3 S.D.	36	18.6	2135	1379	83	714	647	101	1.4
Threshold from Com. Freq. Plot.	--	5.5	172	274	10	126	155	30	--
<u>Plot Symbols</u>	<15	<5.5	<200	<270	<40	<125	155	<30	<0.6
•	15-25	5.5-13.0	200-1500	270-600	40-60	125-500	155-480	30-70	0.6-1.0
●	25-35	13.0-18.0	1500-2100	600-1400	60-80	500-700	480-650	70-100	1.0-1.4
⬤	>35	>18	>2100	>1400	>80	>700	650	>100	>1.4

KEEWATIN ENGINEERING INC.

KITSAULT PROJECT
TROUT GRID GEOCHEMICAL SURVEY
ANALYSES BY BONDAR-CLEGG, VANCOUVER
TLT, NOVEMBER 1990

GRID COORDINATE	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Mn ppm	Ba ppm
30+25N 21+50E	8	0.9	29	15	111	22	-5	0.04	58
30+25N 21+60E	-5	0.5	12	17	41	12	5	0.02	43
30+00N 21+50E	-5	0.9	16	19	41	-5	-5	0.02	42
30+00N 21+60E	-5	0.5	31	17	108	-5	-5	0.16	63
30+00N 21+70E	-5	0.3	14	14	34	12	8	0.02	38
30+00N 21+80E	9	2.2	27	982	1233	79	19	0.9	120
30+00N 21+90E	-5	1.8	6	26	54	10	6	0.02	91
30+00N 22+00E	-5	0.3	5	27	22	-5	-5	-0.01	58
30+00N 22+10E	-5	0.8	11	21	41	-5	-5	0.29	79
30+00N 22+20E	-5	0.4	14	17	46	31	14	0.03	36
30+00N 22+30E	-5	0.4	12	24	35	20	11	0.01	56
30+00N 22+40E	-5	0.7	18	23	75	15	-5	0.05	52
29+75N 22+00E	-5	0.3	7	15	30	-5	-5	0.01	52
29+75N 22+10E	-5	0.4	9	14	35	-5	-5	0.01	55
29+75N 22+20E	-5	0.8	6	13	24	11	-5	-0.01	82
29+75N 22+30E	-5	0.5	7	29	34	-5	-5	0.02	85
29+75N 22+40E	-5	0.5	23	19	59	36	9	0.06	44
29+75N 22+50E	8	1.2	8	65	48	20	6	0.01	66
29+75N 22+60E	-5	1.4	14	35	46	39	13	0.03	33
29+75N 22+70E	-5	0.2	4	6	19	-5	-5	-0.01	21
29+75N 22+80E	-5	0.5	13	23	38	31	8	0.02	37
29+75N 22+90E	-5	1	18	115	70	8	7	0.05	52
29+75N 23+00E	-5	0.8	16	63	79	-5	-5	0.04	54
29+50N 22+00E	9	0.8	28	41	91	-5	7	0.08	93
29+50N 22+10E	-5	0.8	17	17	77	-5	9	0.05	94
29+50N 22+20E	7	1.3	15	29	53	-5	8	0.09	71
29+50N 22+30E	-5	1.1	25	78	84	66	21	0.1	69
29+50N 22+40E	-5	0.7	27	47	89	18	6	0.11	71
29+50N 22+50E	-5	0.6	24	30	76	-5	-5	0.08	60
29+50N 22+60E	5	0.3	5	22	23	-5	-5	0.01	34
29+50N 22+70E	-5	0.7	16	16	62	12	6	0.02	35
29+50N 22+80E	-5	0.5	23	32	84	11	7	0.03	54
29+50N 22+90E	-5	0.8	16	163	113	12	-5	0.04	113
29+50N 23+00E	-5	0.9	21	22	2026	17	9	0.65	410
20+00N 16+10E	-5	1.1	16	35	63	57	18	0.03	51
20+00N 16+20E	-5	0.4	8	7	49	11	-5	-0.01	80
20+00N 16+30E	6	0.5	14	16	39	16	5	0.01	45
20+00N 16+40E	-5	1.4	22	30	58	39	14	0.01	52
20+00N 16+60E	-5	-0.2	25	13	71	9	-5	-0.01	52
20+00N 16+70E	6	-0.2	29	47	51	-5	-5	-0.01	76
20+00N 16+80E	8	1.1	12	26	53	14	7	0.01	89
20+00N 16+90E	-5	1.5	27	47	80	15	8	0.03	77
20+00N 17+00E	9	1.1	23	78	158	10	-5	0.1	187
19+75N 15+30E	-5	21.4	22	4197	285	138	31	0.19	296
19+75N 15+40E	15	3.8	10	334	191	90	18	0.02	133
19+75N 15+50E	-5	25	21	2628	148	334	32	0.15	54

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GRID COORDINATE	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Mn ppm	Ba ppm
19+50N 14+50E	-5	0.7	22	34	68	32	7	0.07	61
19+50N 14+60E	-5	1.2	17	24	150	22	10	0.41	397
19+50N 14+70E	48	1.3	26	76	308	12	6	0.16	366
19+50N 14+80E	17	2.9	107	282	1409	98	23	0.56	255
19+50N 14+90E	16	24.2	45	10000	4671	469	87	2.16	125
19+50N 15+00E	13	21.1	81	7654	6068	588	78	1.6	178
19+50N 15+10E	-5	11.2	43	7955	8805	530	104	2.18	242
19+50N 15+20E	12	20.2	71	6186	8276	446	67	1.24	148
19+50N 15+30E	-5	10.7	44	1100	129	78	40	0.02	80
19+50N 15+40E	128	22.8	32	1500	57	39	10	0.01	110
19+50N 15+50E	-5	2.4	6	396	31	8	7	-0.01	87
19+50N 15+60E	-5	1.9	11	161	49	20	-5	-0.01	89
19+50N 15+70E	-5	7.7	27	1086	360	107	36	0.21	110
19+50N 15+80E	-5	1.8	12	30	55	58	19	0.01	37
19+50N 15+90E	-5	0.6	10	86	45	9	9	0.02	55
19+50N 16+00E	16	0.8	24	47	69	34	-5	0.02	73
19+50N 16+10E	-5	0.9	22	24	72	10	5	0.04	50
19+50N 16+20E	8	0.8	13	28	184	35	19	0.02	150
19+50N 16+30E	-5	0.8	24	37	222	11	12	0.26	223
19+50N 16+40E	14	0.8	12	47	133	13	7	0.29	307
19+50N 16+50E	6	0.3	14	22	98	34	-5	0.04	155
18+50N 15+20E	10	7.2	38	9772	120	41	18	0.97	76
18+50N 15+30E	-5	3.1	28	976	138	52	20	0.15	209
18+50N 15+50E	-5	3.3	16	210	208	81	19	0.15	432
18+25N 14+20E	11	2.4	28	44	66	85	-5	0.45	45
18+25N 14+30E	6	0.7	31	26	231	25	-5	0.12	115
18+25N 14+40E	14	2.8	35	1233	642	191	33	0.42	85
18+25N 14+50E	28	14.8	74	3828	3923	367	51	0.56	193
18+25N 14+60E	9	17.5	44	4293	781	169	30	0.32	770
18+25N 14+70E	11	1.3	22	74	88	12	9	0.03	38
18+25N 14+80E	-5	0.5	16	38	66	15	6	0.01	200
18+25N 14+90E	-5	1.5	25	57	144	12	9	0.04	343
18+25N 15+00E	-5	1.7	21	26	100	43	14	0.02	356
18+00N 14+00E	11	1.3	30	39	229	138	17	0.34	356
18+00N 14+10E	6	1.4	32	23	289	87	13	0.32	122
18+00N 14+20E	952	4.1	52	1163	790	108	18	0.26	157
18+00N 14+30E	24	15.7	40	3104	2394	350	45	0.55	234
18+00N 14+40E	13	2.5	41	922	586	71	14	0.14	145
18+00N 14+50E	9	1	24	157	384	14	6	0.03	161
18+00N 14+60E	-5	5.6	30	573	582	50	10	0.04	102
18+00N 14+70E	-5	3.2	15	713	350	67	11	0.05	126
18+00N 14+80E	-5	1.8	10	589	446	42	17	0.06	158
18+00N 14+90E	-5	0.3	8	93	65	10	8	-0.01	210
18+00N 15+00E	-5	2.4	20	1260	307	28	-5	0.19	187
18+00N 15+10E	6	4	20	357	205	71	22	0.04	90
18+00N 15+20E	-5	3.7	20	831	250	100	27	0.07	321

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GRID COORDINATE	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Mn ppm	Ba ppm
18+00N 15+30E	-5	1.3	22	49	135	11	7	0.02	138
18+00N 15+40E	6	2.2	18	79	257	70	20	0.11	232
18+00N 15+50E	-5	2.2	25	54	197	6	8	0.23	244
18+00N 15+60E	-5	0.9	14	53	113	45	16	0.07	68
18+00N 15+70E	-5	1.1	25	54	182	22	7	0.94	274
18+00N 15+80E	-5	0.9	17	60	90	33	12	0.04	120
18+00N 15+90E	-5	1.6	21	52	239	49	11	0.61	208
18+00N 16+00E	-5	1.6	16	42	127	8	5	0.23	107
18+00N 16+10E	-5	1.2	12	53	122	-5	11	0.09	102
18+00N 16+20E	-5	0.6	15	36	79	158	25	-0.01	34
18+00N 16+30E	6	1.7	32	52	55	-5	11	0.03	40
18+00N 16+40E	34	0.3	8	19	42	-5	-5	0.01	61
18+00N 16+50E	-5	0.7	16	14	43	15	-5	0.01	43
17+75N 15+00E	6	1.1	25	22	74	9	-5	0.02	79
17+75N 15+10E	-5	0.4	7	69	73	16	6	0.02	88
17+75N 15+20E	7	10.2	18	1340	604	422	33	0.14	242
17+75N 15+30E	-5	6.1	25	92	205	69	16	0.51	219
17+75N 15+40E	-5	1.8	27	77	237	21	10	0.76	328
17+75N 15+50E	6	1.7	28	49	124	14	-5	0.11	71
17+75N 15+60E	-5	1.1	22	34	49	87	24	0.02	34
17+75N 15+70E	8	0.8	22	20	76	-5	-5	0.03	76
17+75N 15+80E	8	3.1	26	85	308	34	16	0.58	270
17+75N 15+90E	-5	1	12	49	134	9	6	0.13	280
17+75N 16+00E	-5	0.5	13	34	169	26	10	0.06	205
17+50N 13+70E	-5	0.7	19	20	67	23	7	0.13	161
17+50N 13+80E	-5	0.8	31	28	130	90	20	0.12	131
17+50N 13+90E	-5	1.8	28	251	256	66	12	0.23	612
17+50N 14+10E	9	2.7	27	509	367	80	21	0.1	113
17+50N 14+20E	-5	0.9	26	100	191	39	9	0.06	115
17+50N 14+30E	-5	0.8	8	16	36	-5	-5	0.11	222
17+50N 14+40E	-5	1.9	29	187	146	17	11	0.05	152
17+50N 14+50E	-5	3.4	23	184	289	22	10	0.64	366
17+50N 14+60E	-5	1.1	9	77	185	13	7	0.06	219
17+50N 14+70E	-5	0.6	21	22	60	18	6	0.02	61
17+50N 14+80E	-5	1.2	18	168	145	30	9	0.21	172
17+50N 14+90E	-5	1.8	21	86	223	20	8	0.27	200
17+50N 15+00E	17	2.3	24	291	204	31	14	0.42	186
17+50N 15+10E	-5	1.3	13	21	43	14	-5	0.02	74
17+50N 15+20E	-5	7.8	33	959	230	43	11	0.44	111
17+50N 15+30E	-5	4.3	25	700	178	75	23	0.41	142
17+50N 15+40E	17	1.6	20	26	119	-5	11	0.03	99
17+50N 15+50E	20	3.6	16	169	160	30	17	0.09	183
17+50N 15+60E	53	1.3	19	80	174	18	10	0.52	213
17+50N 15+70E	17	3	33	72	482	25	10	1.3	985
17+50N 15+80E	22	29	41	182	620	32	21	0.53	517
17+50N 15+90E	7	2.2	13	68	358	23	11	0.04	449

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17+50N 16+00E	11	1.9	18	82	215	32	18	0.34	503
16+75N 15+00E	13	1.3	20	39	85	56	14	0.07	74
16+75N 15+10E	15	2.9	30	492	212	31	14	0.51	253
16+75N 15+20E	5	5.6	25	208	205	-5	9	0.22	305
16+75N 15+30E	20	2.8	19	105	236	16	19	0.15	185
16+75N 15+40E	22	3.2	8	75	250	18	20	0.06	190
16+75N 15+50E	20	6.6	21	365	526	68	37	0.59	1531
16+75N 15+60E	124	2.1	7	65	167	15	13	0.02	111
16+75N 15+70E	-5	0.7	11	13	34	-5	-5	-0.01	98
16+75N 15+80E	-5	4.6	15	231	573	-5	34	0.11	214
16+75N 15+90E	-5	0.3	9	13	39	-5	6	0.01	82
16+75N 16+00E	6	0.4	10	11	35	12	-5	-0.01	66
16+50N 14+80E	6	0.9	29	52	230	18	7	0.1	221
16+50N 14+90E	8	1.2	30	40	107	68	14	0.08	87
16+50N 15+00E	-5	7.6	26	531	126	23	7	0.19	133
16+50N 15+10E	7	10.6	37	405	151	179	35	0.1	87
16+50N 15+20E	8	5.8	26	337	133	87	14	0.04	158
16+50N 15+30E	30	24.3	50	633	234	33	46	0.12	228
16+50N 15+40E	26	2.4	12	47	164	16	23	0.04	149
16+50N 15+50E	20	3.5	19	206	269	11	18	0.07	586
16+50N 15+60E	-5	4.9	22	496	299	13	28	0.32	343
16+50N 15+70E	19	0.7	3	32	30	-5	-5	-0.01	80
16+50N 15+80E	9	1.8	12	111	284	-5	-5	0.19	579
16+50N 15+90E	23	1.1	4	35	42	-5	9	0.01	120
16+50N 16+00E	9	1.6	14	18	108	8	29	0.02	112
16+25N 15+20E	17	3.1	25	146	198	163	18	0.1	314
16+25N 15+30E	12	4.7	25	201	318	173	14	0.15	316
16+25N 15+40E	9	4.5	21	152	300	159	19	0.2	437
16+25N 15+50E	18	1.1	16	54	97	65	9	0.03	225
16+25N 15+60E	10	1.1	36	30	95	33	13	0.17	180
16+25N 15+70E	12	2.3	40	31	79	25	-5	0.15	44
16+25N 15+80E	8	1.6	22	52	76	69	16	0.02	159
16+25N 15+90E	7	2	27	43	80	66	10	0.02	86
16+25N 16+00E	-5	1.1	26	23	64	19	7	0.02	67
16+25N 16+10E	10	3	33	48	92	62	30	0.05	79
16+25N 16+20E	6	1.5	16	77	121	38	34	0.04	153
16+00N 15+20E	12	2.4	22	109	341	493	14	0.04	619
16+00N 15+30E	-5	2.8	15	34	160	90	11	0.02	275
16+00N 15+40E	32	1.9	17	13	109	34	6	-0.01	832
16+00N 15+50E	6	1.3	20	28	97	81	14	0.07	215
16+00N 15+60E	14	2.1	21	8	89	27	19	0.13	1132
16+00N 15+70E	34	3	10	49	115	50	-5	0.01	751
16+00N 15+80E	6	1.2	21	6	73	50	-5	-0.01	90
16+00N 15+90E	15	4.3	20	140	153	57	10	0.22	251
16+00N 16+00E	12	5.9	15	133	163	337	9	0.02	737
16+00N 16+10E	9	2.6	38	751	546	223	40	0.4	377

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GRID COORDINATE	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Mn ppm	Ba ppm
16+00N 16+20E	-5	2.4	35	376	563	588	6	0.25	675
16+00N 16+30E	11	3	28	470	628	594	7	0.16	651
16+00N 16+40E	12	1.7	42	35	529	670	8	0.29	741
16+00N 16+50E	6	1	40	117	446	359	16	0.32	722
25+25N 16+60E	7	3.2	48	440	166	47	10	0.04	53
25+25N 16+70E	14	3.5	19	246	290	603	58	0.03	80
25+25N 16+80E	6	2.1	24	105	102	-5	7	0.07	52
25+25N 16+90E	-5	1.1	16	25	73	50	7	0.11	59
25+25N 17+00E	-5	0.8	25	18	95	20	7	0.06	74
25+00N 16+10E	-5	3.6	30	1243	158	14	9	0.12	73
25+00N 16+20E	-5	2.4	26	792	167	39	15	0.17	40
25+00N 16+30E	-5	2	15	6301	414	116	16	1.37	74
25+00N 16+50E	-5	4.5	17	225	262	445	14	0.05	70
25+00N 16+60E	6	0.9	10	31	130	310	22	0.01	76
25+00N 16+70E	-5	0.4	9	80	42	69	5	-0.01	47
25+00N 16+90E	-5	0.7	6	61	32	-5	-5	-0.01	73
25+00N 17+00E	-5	0.3	5	41	25	21	-5	-0.01	86
24+75N 15+80E	7	0.6	39	54	124	10	-5	0.53	167
24+75N 15+90E	13	1	55	55	81	-5	-5	0.3	177
24+75N 16+00E	6	1.1	28	67	75	8	-5	0.2	219
24+75N 16+10E	8	5.6	31	2044	512	71	12	0.41	43
24+75N 16+20E	11	8.9	21	274	178	124	24	0.1	73
24+75N 16+30E	17	0.9	5	27	29	13	-5	-0.01	79
24+75N 16+40E	8	1.3	27	70	195	65	11	0.08	79
24+75N 16+50E	9	1.4	19	183	189	732	59	0.04	117
24+75N 16+60E	8	2.4	14	42	85	102	9	-0.01	71
24+75N 16+70E	-5	1.1	13	136	47	183	13	0.02	75
24+75N 16+80E	8	0.4	13	63	61	10	-5	0.03	80
24+75N 16+90E	17	0.8	14	13	41	10	-5	0.02	63
24+75N 17+00E	-5	0.7	16	20	63	-5	8	0.03	68
24+50N 15+80E	11	1.4	40	42	95	8	7	0.89	64
24+50N 15+90E	12	0.8	15	8	62	-5	-5	0.02	156
24+50N 16+00E	15	0.5	68	68	64	10	-5	0.05	137
24+50N 16+10E	8	4.5	36	1421	371	69	11	0.62	120
24+50N 16+20E	-5	0.7	7	53	61	11	-5	-0.01	35
24+50N 16+30E	11	5.2	15	1012	227	104	9	0.05	49
24+50N 16+40E	77	3.2	57	2530	1188	519	85	0.78	43
24+50N 16+50E	25	5.2	21	75	99	233	22	0.02	70
24+50N 16+60E	-5	1.5	11	153	51	238	8	0.01	78
24+50N 16+70E	-5	1.5	10	381	35	67	7	0.01	64
24+50N 16+80E	-5	0.8	14	80	62	-5	6	0.06	68
24+50N 16+90E	-5	-0.2	3	4	14	-5	-5	-0.01	32
24+50N 17+00E	-5	0.7	19	19	75	-5	8	0.07	66
24+25N 15+80E	-5	1.7	37	43	92	-5	-5	1.99	777
24+25N 15+90E	-5	0.5	21	12	34	-5	-5	0.05	94
24+25N 16+00E	-5	1.1	18	62	97	514	23	0.19	68

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24+25N 16+10E	6	4.7	22	3190	611	45	14	1.62	57
24+25N 16+20E	-5	1	6	32	124	73	11	0.01	31
24+25N 16+30E	6	2.9	11	382	94	45	12	0.02	22
24+25N 16+40E	15	5.4	19	113	118	155	28	0.23	45
24+25N 16+50E	20	0.9	10	24	32	23	-5	0.01	55
24+25N 16+60E	-5	1	14	227	63	38	6	0.04	58
24+25N 16+70E	-5	2.6	16	71	98	295	41	0.04	92
24+25N 16+80E	-5	1.1	13	135	115	-5	-5	0.09	82
24+25N 16+90E	-5	0.7	13	13	38	-5	-5	0.02	58
24+25N 17+00E	-5	0.4	18	24	161	-5	-5	1.1	1121
24+00N 15+70E	-5	3.2	31	91	51	-5	-5	0.36	40
24+00N 15+80E	-5	0.6	23	18	86	-5	11	0.18	93
24+00N 15+90E	-5	1.1	31	27	72	-5	9	0.18	108
24+00N 16+00E	26	3	24	1593	358	769	62	0.87	62
24+00N 16+10E	28	1.5	8	30	205	113	15	-0.01	26
24+00N 16+20E	57	4.5	17	7138	1544	423	109	2.29	83
24+00N 16+30E	11	38.4	126	7725	3389	592	124	2.19	79
24+00N 16+40E	-5	2	18	316	99	49	14	0.48	80
24+00N 16+50E	-5	1.7	23	660	74	70	13	1.67	73
24+00N 16+60E	6	1.9	24	164	101	222	19	1.28	155
24+00N 16+70E	23	0.2	3	6	14	-5	-5	-0.01	41
24+00N 16+80E	7	1.7	17	211	150	-5	9	0.06	117
24+00N 16+90E	-5	1	11	25	45	14	5	0.01	59
24+00N 17+00E	-5	0.8	15	41	66	-5	9	0.03	71
23+75N 15+70E	-5	0.7	15	25	75	-5	9	0.44	220
23+75N 15+80E	-5	0.8	20	20	63	-5	11	0.07	47
23+75N 15+90E	-5	0.5	23	20	55	-5	9	0.05	69
23+75N 16+00E	16	2.3	50	39	308	2000	149	1.25	285
23+75N 16+10E	9	2.7	21	689	645	37	11	0.33	77
23+75N 16+20E	8	1.3	11	1010	638	183	32	0.32	30
23+75N 16+30E	8	1.2	26	480	414	90	11	0.39	86
23+75N 16+40E	-5	0.6	28	35	123	-5	6	0.13	74
23+75N 16+50E	-5	0.3	7	10	26	-5	-5	0.04	130
23+75N 16+60E	-5	0.3	5	22	25	-5	-5	0.01	62
23+75N 16+70E	-5	0.5	8	24	32	8	-5	-0.01	79
23+75N 16+80E	-5	1.2	18	214	78	-5	11	0.12	64
23+75N 16+90E	17	4	38	602	550	20	16	1.11	318
23+75N 17+00E	6	8.9	45	1309	206	71	24	0.77	88
23+00N 15+80E	-5	1.3	23	36	123	34	10	0.63	207
23+00N 15+90E	-5	0.7	18	16	68	-5	9	0.04	126
23+00N 16+00E	-5	1.1	35	46	160	213	34	2.32	511
23+00N 16+10E	31	17.8	33	4244	739	131	29	0.45	43
23+00N 16+30E	-5	4.8	26	938	335	146	22	0.35	112
23+00N 16+40E	-5	1.4	25	66	111	19	13	0.12	59
23+00N 16+50E	-5	3.5	15	360	48	15	-5	0.02	73
23+00N 16+60E	16	9.6	45	560	439	9	10	1.09	386

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GRID COORDINATE	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Mn ppm	Ba ppm
23+00N 16+70E	-5	8.4	75	940	373	26	15	1.45	325
23+00N 16+90E	-5	0.6	7	98	77	9	9	0.12	250
23+00N 17+00E	-5	1.3	29	11	145	-5	20	0.14	310
22+75N 15+60E	-5	1	28	40	159	20	10	0.55	399
22+75N 15+70E	-5	0.6	108	129	175	89	85	0.53	221
22+75N 15+80E	-5	1.1	26	28	116	56	16	0.52	151
22+75N 15+90E	-5	1.5	19	715	218	46	14	0.06	34
22+75N 16+00E	-5	2.4	14	876	1036	136	25	0.02	47
22+75N 16+10E	6	10.9	29	881	637	255	29	0.27	122
22+75N 16+20E	-5	1.5	19	101	215	408	68	0.03	94
22+75N 16+30E	-5	1	13	61	136	349	34	0.02	152
22+75N 16+40E	-5	0.4	4	16	38	35	6	-0.01	71
22+75N 16+50E	-5	1.9	15	150	195	50	17	0.12	378
22+75N 16+60E	10	7.6	48	579	495	9	14	0.76	354
22+25N 15+50E	-5	-0.2	38	12	49	-5	-5	0.02	45
22+25N 15+60E	-5	1.2	86	47	116	350	64	0.16	54
22+25N 15+70E	13	2	103	85	132	133	18	0.85	86
22+25N 15+80E	25	4.1	21	332	209	90	26	0.03	47
22+25N 16+10E	-5	4.2	82	2022	892	146	19	0.43	73
22+25N 16+20E	7	12.1	32	8276	4276	647	97	1.91	141
22+25N 16+30E	6	3.7	24	4213	3513	1160	127	1.32	57
22+25N 16+40E	-5	5.8	36	2588	146	-5	9	0.11	51
22+25N 16+50E	71	0.7	11	190	79	-5	6	0.02	51
22+25N 16+60E	-5	3.6	46	718	582	30	13	1.65	389
22+25N 16+70E	-5	0.8	22	41	95	9	6	0.03	45
22+25N 16+80E	-5	1.1	15	322	138	-5	10	1.24	312
22+25N 16+90E	-5	0.7	5	71	116	-5	8	0.13	244
22+25N 17+00E	-5	0.8	12	44	246	-5	14	0.8	368
22+00N 15+40E	-5	1.1	31	17	52	-5	-5	0.48	391
22+00N 15+60E	-5	1	28	69	77	-5	10	0.14	99
22+00N 15+70E	-5	0.8	43	112	397	498	73	0.62	602
22+00N 15+80E	30	6.1	20	740	2007	1594	67	0.17	372
22+00N 15+90E	-5	3.9	3	97	37	9	-5	-0.01	29
22+00N 16+00E	-5	8.3	33	1025	1610	78	18	0.3	94
22+00N 16+10E	-5	4.2	26	215	121	164	22	0.03	46
22+00N 16+20E	-5	1.1	18	41	98	29	-5	0.02	43
22+00N 16+30E	-5	1.4	26	73	135	15	12	0.12	49
22+00N 16+40E	-5	2.3	16	88	78	14	8	0.02	49
22+00N 16+50E	-5	2.9	23	340	210	15	10	0.04	246
22+00N 16+60E	-5	1.8	17	93	217	-5	9	1.43	393
22+00N 16+70E	-5	1.3	16	69	286	-5	11	0.13	259
22+00N 16+80E	-5	0.8	12	150	189	-5	13	0.13	346
22+00N 16+90E	-5	2	13	318	192	12	8	0.42	221
22+00N 17+00E	-5	0.4	5	115	45	-5	-5	0.01	88
21+25N 15+10E	-5	0.8	17	19	98	25	-5	0.09	323
21+25N 15+20E	-5	1.5	25	70	133	47	13	0.38	216

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GRID COORDINATE	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Mn ppm	Ba ppm
21+25N 15+30E	47	3.4	41	224	824	1201	76	0.9	301
21+25N 15+40E	412	50	328	10000	512	377	476	0.13	30
21+25N 15+50E	-5	6	28	296	633	35	9	0.04	50
21+25N 15+60E	10	7.3	53	2758	827	739	57	0.08	62
21+25N 15+70E	-5	2.2	13	83	372	541	41	0.02	84
21+25N 15+80E	11	4.3	16	135	404	704	39	0.03	79
21+25N 15+90E	-5	5.3	28	2494	567	1840	234	-0.01	102
21+25N 16+00E	8	7.3	20	457	656	229	31	0.2	149
21+25N 16+10E	-5	1.1	13	47	165	28	6	0.14	339
21+25N 16+20E	-5	0.7	26	15	101	9	8	0.07	91
21+25N 16+30E	-5	0.7	21	31	73	20	6	0.06	149
21+25N 16+40E	27	0.7	11	25	132	-5	9	0.04	383
21+25N 16+50E	18	1.2	25	49	153	6	8	0.23	277
21+25N 16+60E	-5	1.9	17	297	154	-5	10	1.09	419
21+25N 16+70E	-5	1.2	14	164	217	-5	13	0.62	236
21+25N 16+80E	10	0.4	9	21	37	-5	-5	0.01	121
21+25N 16+90E	22	1	14	27	45	-5	6	0.02	88
21+25N 17+00E	-5	0.6	13	11	47	16	6	0.02	71
21+00N 15+20E	8	1.3	28	43	85	20	12	0.51	101
21+00N 15+30E	22	2.6	25	612	399	456	41	0.24	62
21+00N 15+40E	10	7.2	81	1351	3534	1042	89	0.76	142
21+00N 15+50E	-5	7.3	22	79	106	13	6	0.02	40
21+00N 15+60E	-5	9.7	50	3615	1497	766	69	0.14	75
21+00N 15+70E	-5	30.8	74	5413	312	680	57	0.01	44
21+00N 15+80E	-5	9.4	18	351	429	171	21	0.04	129
21+00N 15+90E	-5	3	22	205	156	73	8	0.02	97
21+00N 16+00E	19	5.4	20	369	233	178	28	0.04	128
21+00N 16+10E	-5	2	22	1252	381	150	19	0.77	200
21+00N 16+20E	-5	1.4	20	136	150	45	6	0.06	146
21+00N 16+30E	-5	0.6	13	26	70	15	-5	0.02	105
21+00N 16+40E	-5	0.4	12	21	51	27	-5	0.02	91
21+00N 16+50E	-5	0.8	16	28	114	11	10	0.02	91
21+00N 16+60E	-5	1.1	17	154	171	13	8	0.12	244
21+00N 16+70E	-5	2.5	35	165	109	14	11	0.34	658
21+00N 16+80E	-5	0.5	12	8	34	-5	5	-0.01	58
21+00N 16+90E	-5	1.2	31	31	81	14	-5	0.07	50
21+00N 17+00E	-5	0.5	23	34	60	-5	-5	0.02	36
20+25N 15+00E	-5	1.9	23	102	110	317	27	0.13	38
20+25N 15+10E	10	5.5	29	1578	1274	318	37	0.75	309
20+25N 15+20E	16	6.9	39	1857	534	443	64	0.07	74
20+25N 15+30E	45	32.3	63	2550	403	626	99	0.09	59
20+25N 15+40E	-5	12.8	23	2731	472	173	14	0.31	184
20+25N 15+50E	-5	7.4	27	779	181	73	16	0.03	55
23+50N 15+80E	-5	1.8	32	11	83	24	9	0.24	71
23+50N 15+90E	-5	1.4	24	20	71	42	6	0.05	54
23+50N 16+00E	-5	2.3	49	43	197	1351	90	1.98	158

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23+50N 16+10E	10	2.9	26	808	3012	68	11	0.71	69
23+50N 16+20E	33	4.8	18	3575	2523	438	46	1.42	43
23+50N 16+30E	-5	2.4	16	177	163	293	14	0.11	184
23+50N 16+40E	-5	0.9	13	52	62	52	-5	0.03	78
23+50N 16+50E	-5	1.1	16	76	93	14	5	0.14	62
23+50N 16+60E	-5	0.6	14	25	49	14	6	0.02	55
23+50N 16+70E	-5	0.6	10	54	69	14	7	0.02	81
23+50N 16+80E	10	1.1	28	31	116	23	5	0.08	95
23+50N 16+90E	-5	3.4	22	839	375	20	16	0.72	745
23+50N 17+00E	-5	0.7	8	78	33	7	-5	0.02	64
23+25N 15+80E	-5	1.3	23	7	80	-5	10	0.07	55
23+25N 15+90E	-5	-0.2	25	22	76	-5	14	0.09	48
23+25N 16+00E	-5	1	29	15	91	20	6	0.05	61
23+25N 16+10E	-5	1.8	29	34	143	88	14	0.78	190
23+25N 16+30E	17	10.5	22	528	558	272	24	0.13	110
23+25N 16+40E	6	3.8	25	451	138	83	13	0.07	65
23+25N 16+50E	8	1.6	26	253	83	19	5	0.05	42
23+25N 16+60E	-5	1	16	88	77	43	8	0.09	66
23+25N 16+70E	-5	2.9	27	167	188	10	9	0.06	129
23+25N 16+80E	-5	3.9	84	979	318	14	18	0.81	135
23+25N 16+90E	-5	5.8	46	781	465	-5	17	0.54	260
23+25N 17+00E	-5	9.5	65	1058	257	18	10	1.42	106
22+75N 16+70E	-5	2.8	25	44	313	-5	13	0.92	488
22+75N 16+80E	-5	0.8	17	44	115	6	13	0.15	219
22+75N 16+90E	-5	0.6	11	43	159	-5	6	0.14	1865
22+75N 17+00E	-5	1	7	40	55	7	12	0.06	459
22+50N 15+50E	-5	0.8	33	17	102	21	9	0.1	246
22+50N 15+60E	-5	1.3	29	50	106	49	14	0.66	240
22+50N 15+70E	60	0.8	26	37	161	32	11	0.94	495
22+50N 15+80E	-5	2	16	54	51	255	14	0.07	57
22+50N 15+90E	-5	-0.2	5	6	30	17	-5	-0.01	27
22+50N 16+00E	7	2.3	6	21	28	-5	7	-0.01	29
22+50N 16+10E	-5	3.9	13	2532	1125	532	75	0.46	67
22+50N 16+20E	-5	2.5	15	367	109	45	8	0.07	163
22+50N 16+30E	-5	1.5	17	146	74	26	-5	0.03	42
22+50N 16+40E	-5	18.7	40	3517	93	367	30	0.02	36
22+50N 16+50E	-5	50	57	5661	250	664	110	0.02	90
22+50N 16+60E	7	1.3	14	82	199	6	8	0.69	552
22+50N 16+70E	-5	0.9	19	15	88	27	-5	0.09	288
22+50N 16+80E	6	1.5	43	24	305	-5	8	0.08	823
22+50N 16+90E	-5	0.3	4	16	64	-5	-5	-0.01	66
22+50N 17+00E	-5	0.8	14	36	181	-5	-5	0.13	208
21+75N 15+30E	-5	0.8	12	26	88	26	8	0.16	285
21+75N 15+40E	-5	1.5	16	19	43	5	-5	-0.01	51
21+75N 15+50E	11	1	13	81	138	121	14	0.02	203
21+75N 15+60E	9	1.3	53	127	345	415	58	0.75	449

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GRID COORDINATE	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Mn ppm	Ba ppm
21+75N 15+70E	-5	6.2	20	718	1936	1422	59	0.16	366
21+75N 15+80E	-5	0.9	2	85	35	18	-5	-0.01	25
21+75N 15+90E	-5	5.1	28	5724	1210	444	81	0.7	44
21+75N 16+00E	-5	12.1	31	99	196	373	23	0.03	40
21+75N 16+10E	-5	0.9	21	83	95	22	7	0.06	36
21+75N 16+20E	15	1.8	20	32	46	51	-5	0.02	35
21+75N 16+30E	-5	1.4	31	138	108	22	7	0.17	54
21+75N 16+40E	-5	2.8	39	196	155	53	10	0.06	66
21+75N 16+50E	-5	1.4	18	75	171	13	10	0.5	175
21+75N 16+60E	-5	1.4	17	128	194	9	6	0.1	219
21+75N 16+70E	-5	1.3	19	261	167	6	8	0.04	129
21+75N 16+80E	-5	1.5	11	146	160	-5	6	0.03	194
21+75N 16+90E	-5	0.4	9	13	31	10	-5	0.01	60
21+75N 17+00E	-5	0.5	10	56	54	-5	-5	0.24	137
21+50N 15+10E	-5	1.5	26	18	78	-5	10	0.95	396
21+50N 15+30E	-5	0.3	36	11	45	-5	-5	0.04	354
21+50N 15+40E	-5	0.5	19	20	111	18	-5	0.08	312
21+50N 15+60E	40	8.7	50	2850	1293	1055	136	1.05	234
21+50N 15+70E	-5	1.8	24	24	78	24	11	0.03	53
21+50N 15+80E	-5	1.5	24	45	118	23	5	0.04	43
21+50N 15+90E	6	4.4	24	561	570	838	53	0.34	75
21+50N 16+00E	-5	5.4	47	3750	230	864	91	0.03	36
21+50N 16+10E	-5	5.3	69	265	281	537	101	0.02	93
21+50N 16+20E	-5	13.3	20	1006	107	176	15	0.09	96
21+50N 16+30E	-5	1.1	20	21	34	-5	-5	0.02	39
21+50N 16+40E	6	0.8	26	17	66	24	10	0.04	45
21+50N 16+50E	-5	1	15	18	136	10	5	0.02	152
21+50N 16+70E	-5	1.1	20	51	121	-5	8	0.12	104
21+50N 16+80E	-5	0.3	5	14	28	8	-5	-0.01	69
21+50N 16+90E	-5	0.7	13	26	35	16	-5	0.01	50
21+50N 17+00E	-5	0.9	19	27	88	17	-5	0.09	58
20+75N 15+10E	27	2	66	51	104	170	25	0.32	93
20+75N 15+20E	-5	1.9	39	49	132	92	21	0.56	453
20+75N 15+30E	6	3.2	29	655	280	248	27	0.04	107
20+75N 15+40E	20	8.9	64	4893	1843	356	46	0.48	254
20+75N 15+50E	-5	28.4	78	8393	392	784	78	1.27	156
20+75N 15+60E	-5	1	11	238	147	87	12	0.02	83
20+75N 15+70E	-5	4.4	19	823	316	241	18	0.2	98
20+75N 15+80E	-5	5.5	25	637	398	446	26	0.1	129
20+75N 15+90E	-5	11.7	24	6926	250	399	24	2.07	175
20+75N 16+00E	-5	8	19	303	299	588	41	0.03	106
20+75N 16+10E	-5	0.4	8	43	46	11	-5	0.02	80
20+75N 16+20E	-5	0.6	4	37	31	-5	-5	-0.01	99
20+75N 16+30E	-5	1.1	28	62	93	16	6	0.03	83
20+75N 16+40E	-5	0.6	22	30	81	22	-5	0.03	57
20+75N 16+50E	-5	0.9	17	55	190	-5	8	0.46	360

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GRID COORDINATE	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Mn ppm	Ba ppm
20+75N 16+60E	-5	1.2	17	58	84	-5	-5	0.67	113
20+75N 16+70E	-5	1	14	61	71	9	-5	0.05	80
20+75N 16+80E	-5	0.7	9	67	47	16	-5	0.1	87
20+75N 16+90E	-5	0.6	12	149	74	19	-5	0.03	86
20+75N 17+00E	-5	1.1	10	23	51	13	7	0.02	82
20+50N 15+10E	-5	3	28	55	106	41	10	0.1	99
20+50N 15+20E	-5	2.7	25	129	110	65	10	0.53	265
20+50N 15+30E	-5	2.5	34	1102	402	144	22	0.35	441
20+50N 15+40E	41	28.1	114	8684	415	2000	149	0.39	26
20+50N 15+50E	-5	4.7	71	718	266	53	14	0.05	46
20+50N 15+60E	-5	9	21	693	339	873	45	0.02	77
20+50N 15+70E	-5	8.3	22	2587	117	247	12	0.28	105
20+50N 15+80E	6	0.4	4	15	25	-5	-5	-0.01	117
20+50N 15+90E	-5	0.3	3	13	27	-5	-5	-0.01	136
20+50N 16+00E	-5	0.6	7	54	79	6	7	0.01	96
20+50N 16+10E	-5	0.5	5	60	89	-5	6	0.04	161
20+50N 16+20E	-5	0.6	11	71	57	-5	-5	0.04	134
20+50N 16+30E	-5	0.4	11	23	42	10	6	0.02	69
20+50N 16+40E	-5	1	23	22	75	29	-5	0.05	70
20+50N 16+50E	-5	1.7	17	82	158	26	10	0.16	444
20+50N 16+60E	-5	0.9	11	45	150	35	32	0.14	160
20+50N 16+70E	6	1	42	54	40	-5	-5	0.05	54
20+50N 16+80E	-5	0.3	27	19	52	-5	-5	0.01	81
20+50N 16+90E	-5	0.9	5	18	47	13	12	0.01	105
20+50N 17+00E	73	0.6	14	21	58	10	-5	0.01	106
20+25N 15+60E	12	0.4	10	51	75	-5	-5	0.03	130
20+25N 15+70E	-5	0.7	7	49	40	-5	-5	0.16	105
20+25N 15+80E	-5	0.5	5	43	73	-5	5	0.02	103
20+25N 15+90E	7	1.7	15	46	49	13	-5	-0.01	187
20+25N 16+00E	-5	0.3	3	22	28	9	9	-0.01	60
20+25N 16+10E	-5	0.7	4	15	45	47	14	0.01	82
20+25N 16+20E	-5	0.6	5	9	89	-5	7	-0.01	83
20+25N 16+30E	12	0.6	16	20	54	13	-5	0.03	52
20+25N 16+40E	11	0.5	14	13	51	-5	-5	0.03	44
20+25N 16+50E	7	4.5	49	486	512	85	22	0.68	619
20+25N 16+60E	-5	0.6	23	43	86	-5	5	0.03	234
20+25N 16+70E	7	0.5	43	55	72	-5	-5	0.06	81
20+25N 16+80E	-5	0.7	24	23	64	10	-5	0.01	51
20+25N 16+90E	-5	2.9	19	119	111	69	20	0.04	139
20+25N 17+00E	-5	1.1	18	22	112	24	10	0.02	125
20+00N 14+80E	6	1.2	40	45	161	82	23	0.2	95
20+00N 14+90E	-5	1.5	26	48	70	34	9	0.13	53
20+00N 15+00E	11	4.5	33	409	609	74	12	0.52	269
20+00N 15+10E	26	2.4	17	867	576	210	24	0.4	169
20+00N 15+20E	11	8.9	20	2795	3820	637	27	0.91	526
20+00N 15+30E	7	4.3	18	1177	594	270	31	0.37	301

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GRID COORDINATE	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Mn ppm	Ba ppm
20+00N 15+40E	6	5.1	20	1137	565	222	24	0.3	335
20+00N 15+50E	-5	9.4	15	2163	111	30	21	0.08	100
20+00N 15+60E	-5	0.8	7	30	30	-5	-5	-0.01	72
20+00N 15+70E	-5	1.7	14	74	60	66	16	0.03	27
20+00N 15+80E	-5	2.4	14	160	62	-5	8	0.02	140
20+00N 15+90E	-5	-0.2	5	15	17	-5	-5	-0.01	66
20+00N 16+00E	-5	0.7	4	30	23	-5	-5	-0.01	77
19+75N 14+60E	-5	1.5	22	26	84	40	10	0.09	180
19+75N 14+70E	-5	2.7	36	38	166	19	7	0.54	556
19+75N 14+80E	8	1.4	61	107	151	37	5	0.29	56
19+75N 14+90E	7	7.8	60	958	363	141	18	0.53	70
19+75N 15+00E	17	13.4	52	4272	3611	276	79	0.57	271
19+75N 15+10E	7	6.2	42	2783	4172	365	64	1.04	352
19+75N 15+20E	6	16	34	3065	469	135	26	0.22	440
19+25N 14+40E	-5	0.9	16	37	45	27	7	0.01	48
19+25N 14+50E	-5	2.4	29	67	83	42	9	0.15	57
19+25N 14+60E	-5	0.8	70	87	284	47	9	0.22	139
19+25N 14+80E	13	5.2	104	742	740	313	28	0.76	102
19+25N 14+90E	-5	18	46	3574	1145	300	49	0.58	59
19+25N 15+00E	-5	20.3	28	5433	2389	598	123	1.42	113
19+00N 14+60E	-5	1.3	24	49	227	135	13	0.28	273
19+00N 14+70E	-5	1.5	23	50	227	98	17	0.42	328
19+00N 14+80E	-5	1.1	23	40	77	21	9	0.17	47
19+00N 14+90E	-5	1.1	49	50	203	81	18	0.13	153
19+00N 15+00E	-5	0.8	56	49	280	50	9	0.2	174
19+00N 15+20E	-5	8.1	21	7384	7737	570	317	2.38	153
19+00N 15+30E	9	9.2	20	7793	8751	741	200	2.82	246
19+00N 15+50E	-5	4.3	50	213	66	45	22	0.02	32
19+00N 15+70E	10	7	19	1574	447	16	13	0.04	198
19+00N 15+80E	-5	1.5	10	220	241	41	15	0.04	554
19+00N 15+90E	14	0.3	5	20	57	8	5	0.02	358
19+00N 16+10E	15	2.5	22	49	72	57	21	0.56	463
19+00N 16+20E	6	1	15	32	176	70	19	0.09	183
19+00N 16+30E	-5	-0.2	6	8	32	6	-5	-0.01	56
19+00N 16+40E	-5	0.9	7	34	31	36	10	0.01	53
19+00N 16+50E	-5	0.7	15	36	102	12	7	0.04	91
18+75N 14+50E	-5	1	21	41	173	59	9	0.08	195
18+75N 14+60E	8	1.4	44	110	186	61	7	0.14	54
18+75N 14+70E	8	4	84	2062	660	87	29	0.32	46
18+75N 14+80E	6	1.8	33	342	965	80	25	0.21	115
18+75N 14+90E	6	16.6	161	10000	6210	216	36	0.56	277
18+75N 15+00E	-5	10.6	41	10000	3188	195	39	0.57	364
18+50N 14+40E	-5	1	16	101	77	-5	9	0.59	110
18+50N 14+50E	-5	1.4	24	64	150	46	9	0.23	259
18+50N 14+60E	8	2.3	49	114	191	112	15	0.28	57
18+50N 14+80E	-5	4.6	18	1435	574	88	22	0.04	375

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GRID COORDINATE	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Mn ppm	Ba ppm
18+50N 14+90E	9	2.1	15	855	294	67	22	0.03	138
18+50N 15+00E	6	7.3	23	7506	6555	2000	143	1.99	594
18+50N 15+10E	6	4.6	31	1510	208	-5	8	0.02	188
18+50N 15+60E	-5	1.2	12	93	100	16	13	0.09	300
18+50N 15+70E	7	5.3	12	85	85	20	16	0.02	242
18+50N 15+80E	-5	1	10	18	44	24	16	0.01	114
18+50N 15+90E	7	0.6	10	12	49	6	8	0.06	310
18+50N 16+00E	11	1.4	10	52	103	20	12	0.07	248
17+25N 14+60E	-5	1.6	10	61	48	136	22	-0.01	52
17+25N 14+70E	-5	3.9	25	51	64	223	14	0.01	41
17+25N 14+80E	10	2	28	93	135	264	23	0.05	57
17+25N 14+90E	13	5.2	22	143	239	1194	83	0.22	142
17+25N 15+00E	-5	8.4	8	73	33	9	6	-0.01	59
17+25N 15+10E	-5	33.6	31	718	202	49	22	0.36	164
17+25N 15+20E	-5	2.8	40	237	193	83	25	0.35	131
17+25N 15+30E	6	5.3	40	5066	412	198	72	0.7	174
17+25N 15+40E	7	3.6	25	339	306	67	21	0.18	345
17+25N 15+50E	8	1.8	17	66	107	23	9	0.1	250
17+00N 13+90E	-5	2.8	24	13	46	12	-5	0.03	66
17+00N 14+00E	-5	1.3	32	20	97	42	11	0.05	57
17+00N 14+10E	-5	1.4	53	22	112	203	59	0.76	147
17+00N 14+20E	5	6.6	22	600	257	45	11	0.43	246
17+00N 14+50E	-5	1	18	11	41	-5	-5	-0.01	28
17+00N 14+60E	10	1.7	27	15	36	39	9	0.01	26
17+00N 15+60E	9	2.5	33	626	148	30	19	1.16	242
17+00N 15+70E	7	2.3	38	387	250	19	25	0.4	188
17+00N 16+00E	9	0.4	11	7	37	8	-5	-0.01	25
35+00N 16+00E	-5	0.4	11	10	52	-5	-5	0.03	37
35+00N 16+10E	-5	0.2	5	28	43	-5	5	0.02	45
35+00N 16+20E	9	0.7	7	10	29	-5	-5	0.01	42
35+00N 16+30E	-5	1.2	21	69	323	46	9	0.11	179
35+00N 16+50E	24	1.9	24	58	82	8	11	0.3	494
35+00N 16+60E	124	1.1	15	37	76	-5	-5	0.09	54
35+00N 16+70E	-5	0.5	7	29	79	-5	9	0.14	143
35+00N 16+80E	-5	0.4	11	17	48	-5	-5	0.02	40
35+00N 16+90E	-5	0.4	10	9	39	-5	-5	0.03	45
35+00N 17+00E	-5	0.9	10	19	38	-5	-5	0.02	23
35+00N 17+10E	-5	1	13	19	53	5	-5	0.04	52
35+00N 17+20E	-5	3	12	59	56	17	8	0.12	36
35+00N 17+30E	-5	0.3	5	35	35	-5	-5	0.02	38
35+00N 17+40E	-5	-0.2	2	98	24	-5	-5	0.01	30
35+00N 17+50E	6	0.3	3	38	22	-5	-5	0.01	21
34+50N 15+90E	-5	0.5	9	6	44	-5	-5	0.03	32
34+50N 16+00E	6	0.8	10	55	47	13	5	0.03	42
34+50N 16+10E	-5	0.5	16	10	59	11	8	0.03	50
34+50N 16+30E	-5	0.8	18	13	273	15	-5	0.1	141

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34+50N 16+50E	-5	1.8	17	89	78	21	9	0.06	90
34+50N 16+60E	9	1.9	13	145	62	-5	-5	0.21	85
34+50N 16+70E	-5	0.5	8	43	36	-5	-5	0.05	53
34+50N 16+80E	7	1	14	35	71	-5	9	0.06	35
34+50N 16+90E	-5	0.6	8	31	46	-5	6	0.08	68
34+50N 17+00E	-5	0.7	7	13	22	6	-5	0.01	47
34+50N 17+10E	6	0.5	15	19	54	13	6	0.03	64
34+50N 17+20E	7	1.3	15	17	64	-5	-5	0.08	68
34+50N 17+30E	14	1.6	18	29	68	9	6	0.14	58
34+50N 17+40E	-5	0.7	15	27	50	-5	-5	0.03	60
34+50N 17+50E	-5	0.5	5	68	46	14	-5	0.02	67
32+50N 20+70E	-5	0.5	5	69	46	13	-5	0.02	67
32+50N 20+80E	-5	0.4	11	8	47	11	-5	0.02	58
32+50N 20+90E	-5	0.7	10	13	104	9	-5	0.08	76
32+50N 21+00E	9	0.7	11	10	165	-5	-5	0.13	199
32+50N 21+10E	-5	1.9	17	97	452	63	23	0.78	116
32+50N 21+20E	-5	1	12	12	28	16	5	0.01	38
32+50N 21+30E	17	0.5	9	10	93	11	-5	0.03	52
32+50N 21+40E	9	1.8	19	11	30	7	-5	0.02	31
32+50N 21+50E	-5	1.3	14	18	54	-5	-5	0.06	36
32+50N 21+60E	-5	0.6	16	5	38	-5	5	0.02	40
32+50N 21+70E	-5	1.3	25	10	60	12	6	0.05	47
32+00N 21+20E	-5	0.4	8	8	28	8	-5	0.01	52
32+00N 21+30E	-5	0.5	13	12	56	18	-5	0.02	61
32+00N 21+40E	17	1	23	64	57	38	6	0.68	110
32+00N 21+50E	-5	1	13	12	31	34	7	0.09	36
32+00N 21+60E	-5	-0.2	3	6	20	8	-5	-0.01	56
32+00N 21+70E	-5	1.5	22	12	92	-5	-5	0.11	52
32+00N 21+80E	-5	1	27	8	51	5	6	0.03	47
32+00N 21+90E	-5	0.4	8	10	36	11	-5	0.01	54
32+00N 22+00E	-5	1.1	18	9	42	15	-5	0.04	49
32+00N 22+10E	-5	1.4	22	10	37	28	7	0.02	45
27+25N 17+50E	-5	1	12	27	42	-5	-5	0.05	54
27+00N 16+60E	-5	0.6	13	11	42	6	-5	0.06	56
27+00N 16+70E	-5	2.5	22	15	60	-5	8	0.99	207
27+00N 16+80E	-5	2.4	24	27	180	14	7	0.57	108
27+00N 16+90E	-5	37	109	1180	141	37	25	0.43	74
27+00N 17+00E	10	12.3	30	1448	81	19	9	0.73	77
27+00N 17+10E	10	10.2	29	863	60	17	8	0.35	110
27+00N 17+20E	-5	1.8	10	130	39	12	-5	0.12	130
27+00N 17+30E	20	3.1	19	583	43	9	-5	0.01	28
27+00N 17+40E	-5	1.8	14	109	52	11	-5	0.04	71
27+00N 17+50E	-5	0.8	9	18	35	-5	-5	0.02	57
26+50N 16+30E	-5	1.3	16	16	88	24	12	0.11	63
26+50N 16+40E	6	2	24	20	56	7	11	0.07	49
26+50N 16+50E	6	1.3	53	57	77	20	7	0.72	114

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GRID COORDINATE	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Mn ppm	Ba ppm
26+50N 16+60E	7	4.6	61	814	906	50	9	1.33	267
26+50N 16+70E	8	2.5	25	22	76	19	8	0.06	53
26+50N 16+80E	48	6.7	26	541	211	157	66	2.49	381
26+50N 16+90E	25	1.5	14	84	83	21	9	0.3	82
26+50N 17+00E	10	1	12	82	57	-5	5	0.49	394
26+50N 17+10E	-5	0.6	17	42	51	-5	-5	0.3	112
26+50N 17+20E	-5	0.8	24	13	77	30	-5	0.03	46
26+50N 17+30E	-5	0.8	21	12	53	16	-5	0.03	39
26+50N 17+40E	-5	0.7	22	16	69	15	-5	0.07	50
26+50N 17+50E	-5	0.8	12	9	45	10	-5	0.03	42
26+25N 16+30E	-5	0.7	9	14	38	-5	-5	0.04	76
26+25N 16+40E	-5	2.5	79	16	119	15	9	1.46	410
26+25N 16+50E	-5	1.1	22	15	102	6	-5	0.47	429
26+25N 16+60E	-5	3.6	23	40	142	15	6	0.45	66
26+25N 16+70E	18	4.1	46	63	114	71	20	1.95	123
26+25N 16+80E	-5	1.4	16	30	60	6	-5	0.04	30
26+25N 16+90E	-5	1.2	19	84	73	22	6	0.08	44
26+25N 17+00N	-5	1.2	19	50	113	7	-5	0.15	50
26+25N 17+10E	5	1.1	19	62	132	21	5	0.06	49
26+25N 17+20E	-5	2	22	99	66	13	-5	0.06	41
26+25N 17+30E	-5	0.8	6	235	41	79	10	-0.01	46
26+25N 17+40E	-5	1	14	29	63	20	6	0.05	58
26+25N 17+50E	-5	1	25	28	77	14	-5	0.07	58
26+00N 16+20E	6	3.4	69	42	138	19	8	2.06	501
26+00N 16+30E	6	6.1	27	30	66	18	-5	3.22	488
26+00N 16+40E	-5	1.3	39	31	140	12	-5	0.84	937
26+00N 16+50E	12	1.5	18	962	148	33	19	0.79	76
26+00N 16+60E	64	7	59	244	273	43	54	1.63	211
26+00N 16+70E	-5	0.6	10	43	33	25	-5	0.03	44
26+00N 16+80E	-5	1.3	17	45	51	90	7	0.02	37
26+00N 16+90E	12	1.4	18	21	44	-5	-5	0.06	37
26+00N 17+00E	-5	0.9	12	47	52	89	6	0.07	60
26+00N 17+10E	-5	0.7	12	52	45	40	-5	0.11	64
26+00N 17+20E	-5	0.4	9	61	57	9	8	0.03	65
26+00N 17+30E	8	1.1	29	16	108	9	-5	0.05	63
26+00N 17+40E	-5	0.9	7	68	38	-5	-5	0.03	59
26+00N 17+50E	41	1.1	12	29	47	8	-5	0.01	100
25+50N 16+00E	-5	0.2	11	19	38	-5	-5	0.02	115
25+50N 16+10E	6	0.8	21	9	55	-5	7	0.07	77
25+50N 16+20E	-5	1.2	17	22	130	-5	-5	1.12	625
25+50N 16+30E	-5	0.9	28	46	100	10	-5	0.53	387
25+50N 16+40E	23	1.8	18	985	200	39	13	0.13	37
25+50N 16+50E	51	5.3	74	3613	1843	63	63	0.92	170
25+50N 16+60E	6	4.5	45	460	744	17	-5	0.09	74
25+50N 16+70E	45	4.1	21	1507	103	92	17	0.02	67
25+50N 16+80E	-5	0.9	6	18	52	58	-5	0.02	67

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GRID COORDINATE	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Mn ppm	Ba ppm
25+50N 16+90E	6	0.5	12	60	54	-5	-5	0.01	64
25+50N 17+00E	-5	0.9	17	61	99	6	7	0.11	72
25+25N 16+00E	-5	1.5	32	24	71	-5	-5	0.11	129
25+25N 16+10E	-5	2.3	33	24	77	14	-5	0.78	98
25+25N 16+20E	-5	2.4	30	37	58	-5	6	0.8	59
25+25N 16+30E	33	5.8	12	8509	670	419	65	1.29	35
25+00N 15+80E	-5	1.7	32	71	147	-5	-5	1.51	1137
25+00N 16+00E	-5	0.7	45	48	67	16	-5	0.16	111
34+00N 16+10E	-5	0.7	14	16	59	17	-5	0.05	80
34+00N 16+20E	-5	0.8	17	20	74	21	-5	0.03	51
34+00N 16+30E	-5	1.3	20	46	82	-5	9	0.09	86
34+00N 16+40E	-5	2.3	29	148	220	66	-5	0.23	108
34+00N 16+50E	-5	1.6	11	164	93	22	-5	0.1	264
34+00N 16+70E	-5	1.3	21	13	68	19	-5	0.05	54
34+00N 16+80E	-5	1.1	24	42	97	-5	-5	0.07	102
34+00N 16+90E	-5	1.2	22	85	84	-5	-5	0.05	105
34+00N 17+00E	-5	0.9	23	37	85	15	-5	0.05	70
34+00N 17+10E	-5	3.2	19	219	185	7	-5	0.05	55
34+00N 17+20E	-5	1.2	12	35	81	-5	-5	0.04	71
34+00N 17+30E	-5	0.4	12	16	77	7	-5	0.03	83
34+00N 17+40E	-5	1.2	17	62	74	-5	-5	0.03	75
34+00N 17+50E	-5	-0.2	5	38	25	-5	-5	-0.01	64
33+50N 15+60E	-5	0.5	10	9	35	8	-5	0.01	92
33+50N 15+70E	-5	0.8	24	21	121	30	5	0.06	69
33+50N 15+80E	-5	1.6	20	24	66	16	6	0.14	66
33+50N 16+00E	-5	0.9	33	25	216	24	-5	0.06	86
33+50N 16+10E	-5	0.3	8	22	24	10	-5	0.01	59
33+50N 16+20E	-5	1.3	20	23	66	8	5	0.08	56
33+50N 16+30E	-5	-0.2	7	27	38	9	-5	0.01	75
33+50N 16+40E	-5	0.4	13	7	31	13	-5	-0.01	47
33+50N 16+50E	9	-0.2	4	3	22	8	-5	-0.01	34
33+50N 16+70E	-5	0.6	13	22	51	19	-5	0.03	87
33+50N 16+80E	8	0.3	17	16	74	15	-5	0.04	128
33+50N 16+90E	6	0.4	6	19	39	18	-5	0.07	139
33+50N 17+00E	-5	0.4	28	16	109	10	-5	0.05	65
33+50N 17+10E	-5	-0.2	9	45	29	-5	-5	0.02	42
33+50N 17+20E	-5	1.1	21	26	64	-5	-5	0.04	61
33+50N 17+30E	-5	0.3	14	23	63	9	-5	0.03	74
33+50N 17+40E	-5	0.9	21	42	84	21	5	0.03	83
33+50N 17+50E	5	0.3	4	92	51	-5	-5	0.02	87
33+00N 16+30E	-5	0.9	23	17	90	10	-5	0.04	71
33+00N 16+40E	-5	-0.2	11	11	37	-5	-5	0.01	44
33+00N 16+50E	10	1.5	32	20	72	24	11	0.03	66
33+00N 16+60E	9	5.1	21	42	63	62	7	0.08	47
33+00N 16+70E	66	1.1	20	32	56	-5	-5	0.05	62
33+00N 16+80E	-5	-0.2	7	15	33	-5	-5	0.02	77

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GRID COORDINATE	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Mn ppm	Ba ppm
33+00N 16+90E	-5	0.4	10	21	53	9	-5	0.03	64
33+00N 17+00E	-5	1	21	17	88	8	-5	0.05	52
33+00N 17+10E	-5	0.6	20	79	59	6	-5	0.03	64
33+00N 17+20E	-5	0.3	9	49	24	-5	-5	0.05	63
33+00N 17+30E	-5	-0.2	6	15	24	11	-5	0.01	79
33+00N 17+40E	-5	1	27	51	130	15	-5	0.06	84
33+00N 17+50E	-5	0.8	22	21	79	35	8	0.04	64
33+00N 20+10E	30	1.2	28	16	62	21	7	0.02	46
33+00N 20+20E	-5	-0.2	7	27	36	-5	-5	-0.01	106
33+00N 20+30E	-5	0.2	10	219	64	-5	-5	0.07	161
33+00N 20+40E	-5	0.8	21	126	96	10	-5	0.3	171
33+00N 20+50E	-5	1.1	27	324	874	23	-5	0.47	204
33+00N 20+60E	-5	0.4	29	11	86	30	-5	0.14	64
33+00N 20+70E	-5	-0.2	8	12	23	-5	-5	-0.01	36
33+00N 20+80E	-5	1.2	34	11	80	30	9	0.04	59
33+00N 20+90E	-5	0.6	25	11	60	-5	-5	0.04	49
33+00N 21+00E	-5	0.6	32	12	72	-5	-5	0.03	81
32+50N 16+10E	-5	0.9	27	17	98	18	7	0.07	66
32+50N 16+20E	-5	0.6	16	21	79	18	-5	0.04	76
32+50N 16+30E	-5	0.3	5	17	35	11	-5	0.03	72
32+50N 16+40E	-5	0.5	44	23	178	13	6	0.08	111
32+50N 16+70E	11	0.7	23	23	125	25	-5	0.1	71
32+50N 16+80E	-5	1.2	15	22	122	18	13	0.58	174
32+50N 16+90E	-5	1.6	18	25	92	8	7	0.27	147
32+50N 17+00E	-5	0.6	12	31	255	6	9	0.06	288
32+50N 17+20E	-5	1.6	23	15	324	12	9	1.62	1140
32+50N 17+30E	-5	0.8	26	20	170	21	6	0.51	322
32+50N 17+40E	-5	0.9	30	17	103	-5	9	0.14	134
32+50N 17+50E	-5	0.4	14	72	135	17	6	0.07	494
32+50BN 16+20E	-5	0.4	11	16	46	7	-5	0.01	95
32+50BN 16+30E	-5	-0.2	9	3	20	-5	-5	-0.01	49
32+50BN 16+40E	5	0.4	16	11	59	-5	-5	0.14	456
32+50BN 16+50E	-5	2.9	35	39	75	60	-5	0.25	74
32+50BN 16+60E	-5	2.2	23	62	103	23	8	0.11	67
32+50BN 16+70E	-5	0.9	29	32	101	18	-5	0.07	79
32+50BN 16+80E	-5	0.9	24	31	99	39	8	0.1	73
32+50BN 16+90E	-5	1.1	25	32	96	17	-5	0.07	119
32+50BN 17+00E	-5	0.6	21	19	92	9	-5	0.06	83
32+50BN 17+10E	6	0.7	33	57	172	31	-5	0.1	109
32+50BN 17+20E	12	0.7	28	29	117	33	9	0.07	79
32+50BN 17+30E	-5	0.7	21	24	87	29	-5	0.05	90
32+50BN 17+40E	-5	0.8	24	29	121	22	-5	0.07	88
32+50BN 17+50E	8	0.5	28	20	108	15	-5	0.05	79
32+00N 16+20E	12	0.9	22	19	115	30	-5	0.1	88
32+00N 16+30E	-5	1.1	32	15	179	17	6	0.06	97
32+00N 16+40E	7	3.5	31	23	85	12	8	0.46	91

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GRID COORDINATE	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Mn ppm	Ba ppm
32+00N 16+50E	-5	1.3	22	22	146	53	12	0.16	87
32+00N 16+70E	-5	0.5	25	13	202	16	-5	0.17	150
32+00N 16+80E	6	0.6	28	17	96	8	-5	0.07	73
32+00N 16+90E	-5	1.1	22	36	94	25	7	0.12	91
32+00N 17+00E	11	0.9	8	10	25	-5	-5	-0.01	60
32+00N 17+10E	12	0.9	13	31	49	-5	-5	0.02	61
32+00N 17+20E	-5	0.3	8	352	21	13	5	-0.01	53
32+00N 17+30E	-5	0.6	13	24	64	7	8	0.02	56
32+00N 17+40E	-5	2.5	14	159	101	23	11	0.05	72
32+00N 17+50E	-5	0.3	4	27	22	-5	-5	0.01	62
32+00N 19+30E	-5	0.6	18	13	67	11	5	0.05	49
32+00N 19+40E	-5	1.3	27	11	65	11	6	0.05	75
32+00N 19+50E	-5	1.2	16	12	59	15	6	0.04	95
32+00N 19+60E	-5	1.1	22	34	55	15	-5	0.03	56
32+00N 19+70E	-5	6.5	38	203	352	19	9	0.7	214
32+00N 19+80E	-5	0.5	26	12	101	15	7	0.08	59
32+00N 19+90E	-5	1.1	20	11	78	18	5	0.06	58
32+00N 20+00E	-5	1	27	13	71	14	8	0.03	43
32+00N 20+10E	-5	0.4	28	11	71	10	-5	0.07	53
32+00N 20+20E	-5	1.1	20	12	57	20	9	0.04	37
32+00N 20+30E	-5	0.9	30	7	100	16	9	0.07	68
31+50N 21+10E	-5	2.2	28	19	129	10	9	0.07	77
31+50N 21+20E	-5	1.2	16	13	78	17	-5	0.05	99
31+50N 21+30E	-5	1.3	25	12	50	16	5	0.02	47
31+50N 21+40E	-5	0.8	30	15	83	33	8	0.04	58
31+50N 21+50E	-5	1	14	15	47	21	6	0.05	69
31+50N 21+60E	-5	1.7	28	40	180	42	9	0.82	107
31+50N 21+70E	10	0.7	29	14	106	14	-5	0.14	78
31+50N 21+80E	-5	0.7	22	13	98	6	9	0.08	69
31+50N 21+90E	-5	0.5	25	9	67	18	-5	0.06	57
31+50N 22+00E	-5	0.5	28	13	73	6	-5	0.09	52
31+50N 22+10E	-5	1.3	36	29	139	22	5	0.24	68
31+25N 21+10E	-5	1.9	25	42	77	130	9	0.17	58
31+25N 21+20E	-5	0.5	13	10	34	31	6	0.01	45
31+25N 21+30E	-5	1.9	22	245	166	6	6	0.18	89
31+25N 21+40E	-5	0.8	14	49	73	20	-5	0.03	55
31+25N 21+50E	-5	1.7	29	19	150	19	-5	0.09	60
31+25N 21+60E	-5	0.8	31	22	159	-5	-5	0.13	81
31+25N 21+70E	-5	1	26	21	140	11	-5	0.13	70
31+25N 21+80E	-5	1.2	19	52	145	12	-5	0.55	170
31+25N 21+90E	-5	0.8	14	29	52	12	6	0.03	74
31+25N 22+00E	-5	1.1	20	15	63	17	6	0.04	47
31+00N 16+50E	-5	0.8	29	21	138	23	-5	0.12	99
31+00N 16+60E	-5	1.8	50	43	73	111	26	0.62	103
31+00N 16+80E	-5	1.7	27	49	85	14	-5	0.03	100
31+00N 16+90E	-5	1.1	26	15	66	36	7	0.03	62

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GRID COORDINATE	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Mn ppm	Ba ppm
31+00N 17+00E	-5	0.8	32	51	108	36	12	0.06	61
31+00N 17+10E	-5	2.4	33	1498	149	22	14	1.05	482
31+00N 17+20E	-5	0.2	6	43	29	-5	-5	0.02	220
31+00N 17+30E	-5	0.2	6	116	25	-5	-5	-0.01	41
31+00N 17+40E	-5	0.3	3	51	15	-5	-5	-0.01	50
31+00N 17+50E(A)	-5	0.6	34	14	131	17	13	0.07	79
31+00N 17+50E(B)	24	3.5	15	590	87	635	44	0.01	82
31+00N 17+60E	-5	0.5	13	11	114	20	-5	0.06	153
31+00N 17+70E	-5	1.6	29	21	148	49	18	0.13	234
31+00N 17+80E	-5	0.5	13	10	60	13	-5	0.03	67
31+00N 17+90E	-5	1.4	20	17	69	20	10	0.06	72
31+00N 18+00E	-5	1.2	37	11	169	27	15	0.12	167
31+00N 18+10E	-5	0.9	23	12	76	22	6	0.09	93
31+00N 18+20E	-5	1.8	39	21	132	32	8	0.22	122
31+00N 18+30E	-5	1.1	23	12	88	19	6	0.16	72
31+00N 18+40E	-5	0.9	24	12	85	9	6	0.05	67
31+00N 18+50E	13	1	22	12	69	15	5	0.03	49
31+00N 18+60E	-5	0.8	22	13	66	16	6	0.06	76
31+00N 18+70E	-5	1.1	32	15	88	10	-5	0.04	57
31+00N 18+80E	-5	1	15	17	63	21	-5	0.04	59
31+00N 18+90E	10	0.9	31	26	101	18	-5	0.05	47
31+00N 19+00E	12	0.6	22	16	67	19	8	0.04	48
31+00N 19+10E	-5	1	25	21	82	10	-5	0.09	80
31+00N 19+20E	-5	0.5	19	8	68	8	6	0.04	52
31+00N 19+30E	-5	1	16	12	54	18	9	0.03	43
31+00N 19+40E	-5	1	25	9	84	17	-5	0.1	52
31+00N 19+50E	-5	0.9	23	11	64	19	11	0.04	41
31+00N 19+60E	-5	0.3	7	38	38	6	-5	0.01	94
31+00N 19+70E	-5	0.7	19	12	50	12	-5	0.03	46
31+00N 19+80E	-5	0.9	18	17	68	12	9	0.05	43
31+00N 19+90E	-5	0.7	18	11	55	25	-5	0.04	36
31+00N 20+00E	-5	0.8	24	8	55	10	5	0.04	37
31+00N 21+00E	-5	1	24	14	84	53	5	0.24	47
31+00N 21+10E	-5	0.9	20	16	72	14	6	0.03	58
31+00N 21+20E	-5	0.6	22	6	56	8	-5	0.04	44
31+00N 21+30E	-5	0.9	23	14	67	42	12	0.05	40
31+00N 21+40E	-5	1	14	23	55	9	6	0.02	42
31+00N 21+50E	-5	0.6	10	9	26	6	-5	0.03	44
31+00N 21+60E	-5	1.1	12	7	29	-5	5	-0.01	58
31+00N 21+70E	-5	0.3	10	4	31	6	-5	0.01	29
31+00N 21+80E	-5	0.9	17	7	52	18	-5	0.03	41
31+00N 21+90E	6	0.5	12	6	47	32	5	0.01	63
31+00N 22+00E	-5	0.5	8	27	36	19	5	0.02	94
30+75N 21+00E	-5	1.3	23	25	91	32	-5	0.18	66
30+75N 21+10E	-5	1.4	21	21	76	37	-5	0.18	83
30+75N 21+20E	-5	0.6	10	5	57	-5	-5	0.09	77

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GRID COORDINATE	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Mn ppm	Ba ppm
30+75N 21+30E	-5	0.6	32	9	79	21	-5	0.08	53
30+75N 21+40E	14	0.6	26	12	89	19	6	0.05	54
30+75N 21+50E	6	0.6	20	10	65	11	-5	0.04	58
30+75N 21+60E	-5	0.6	17	8	51	12	8	0.06	53
30+75N 21+70E	-5	0.7	24	10	65	8	-5	0.05	48
30+75N 21+80E	-5	0.8	22	10	73	19	-5	0.07	51
30+75N 21+90E	-5	0.9	20	10	70	15	6	0.03	46
30+75N 22+00E	-5	1.8	17	14	50	19	-5	0.06	35
30+50N 16+60E	-5	1.1	18	15	54	14	-5	0.08	49
30+50N 16+70E	-5	0.7	23	16	105	19	5	0.07	80
30+50N 16+80E	-5	0.9	24	20	120	35	-5	0.19	143
30+50N 16+90E	24	1	29	30	336	67	21	0.19	193
30+50N 17+00E	-5	0.8	34	13	113	9	5	0.12	75
30+50N 17+10E	-5	0.9	27	18	81	26	-5	0.08	70
30+50N 17+20E	-5	0.6	31	20	85	24	-5	0.05	63
30+50N 17+30E	6	1.2	19	36	70	17	7	0.09	66
30+50N 17+40E	8	1.2	23	43	106	10	5	0.07	81
30+50N 17+50E	-5	0.7	21	30	101	14	-5	0.05	65
30+50N 21+20E	-5	1.1	24	14	71	-5	6	0.09	60
30+50N 21+30E	-5	1.1	27	16	168	13	13	0.74	438
30+50N 21+40E	-5	0.8	24	25	104	15	5	0.13	75
30+50N 21+50E	-5	1.3	21	31	252	31	-5	0.5	218
30+50N 21+60E	-5	0.5	28	13	94	17	-5	0.09	90
30+50N 21+70E	-5	0.8	21	14	62	15	-5	0.06	55
30+50N 21+80E	-5	0.7	25	14	88	17	5	0.04	70
30+50N 21+90E	-5	0.9	19	15	57	16	-5	0.04	93
30+50N 22+00E	-5	0.6	14	10	47	5	-5	0.03	43
30+50N 22+10E	-5	0.3	12	14	39	8	-5	0.02	51
30+25N 21+40E	-5	0.8	29	14	81	6	-5	0.07	61
30+25N 21+50E	-5	0.3	10	65	62	-5	6	0.03	114
30+25N 21+60E	-5	1.2	15	122	91	-5	9	0.11	68
30+25N 21+80E	19	3.6	24	88	131	23	8	0.2	74
30+25N 21+90E	-5	0.3	6	50	36	-5	5	0.02	40
30+25N 22+00E	-5	0.2	5	41	53	8	-5	0.02	52
30+25N 22+10E	6	1	18	112	111	50	-5	0.05	46
30+25N 22+20E	-5	0.3	8	8	23	11	-5	-0.01	56
30+25N 22+30E	-5	0.8	12	18	43	9	-5	0.02	61
30+00N 17+30E	6	0.5	37	15	76	12	-5	0.03	58
30+00N 17+40E	-5	1.1	17	15	91	15	14	0.06	114
30+00N 17+50E	-5	0.6	23	10	71	6	-5	0.06	51
29+50N 17+00E	-5	1.2	15	23	62	7	-5	0.1	65
29+50N 17+10E	-5	0.8	18	13	43	8	-5	0.02	45
29+50N 17+20E	-5	0.9	13	22	79	13	7	0.28	106
29+50N 17+30E	-5	0.5	25	13	87	7	-5	0.14	57
29+50N 17+40E	6	0.6	22	16	89	20	-5	0.14	186
29+50N 17+50E	7	0.7	34	15	143	13	5	0.11	88

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GRID COORDINATE	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Mn ppm	Ba ppm
29+00N 16+80E	-5	0.9	19	11	63	10	8	0.04	61
29+00N 16+90E	-5	0.9	17	24	82	20	6	0.35	336
29+00N 17+10E	8	1.7	46	187	112	109	7	0.36	46
29+00N 17+20E	-5	0.6	13	32	70	-5	-5	0.34	157
29+00N 17+30E	-5	0.2	6	30	29	6	-5	0.04	90
29+00N 17+40E	-5	0.3	6	27	29	8	-5	0.04	90
29+00N 17+50E	-5	0.2	9	10	29	-5	-5	0.02	56
28+50N 16+60E	-5	1.2	20	16	65	7	-5	0.05	78
28+50N 16+70E	-5	0.8	18	12	62	-5	-5	0.07	65
28+50N 16+80E	-5	1	28	12	97	10	6	0.12	54
28+50N 16+90E	-5	0.8	13	49	58	15	-5	0.05	64
28+50N 17+00E	-5	0.8	24	21	78	12	-5	0.06	53
28+50N 17+10E	-5	1	16	31	61	11	8	0.11	99
28+50N 17+20E	-5	0.6	10	8	45	7	-5	0.02	72
28+50N 17+30E	6	0.8	29	16	85	12	-5	0.08	72
28+50N 17+40E	-5	0.8	8	52	19	-5	5	0.03	82
28+50N 17+50E	-5	0.3	6	25	20	8	-5	0.01	59
28+00N 16+50E	-5	0.7	19	14	70	18	7	0.03	60
28+00N 16+60E	-5	0.8	15	12	48	8	-5	0.04	67
28+00N 16+70E	6	0.6	15	8	69	-5	-5	0.09	52
28+00N 16+80E	-5	2.3	12	33	58	28	10	0.02	69
28+00N 16+90E	-5	1.1	23	15	68	15	6	0.09	62
28+00N 17+00E	-5	1.1	18	50	45	15	8	0.43	75
28+00N 17+10E	7	1.7	43	69	366	61	9	0.36	300
28+00N 17+20E	-5	1.2	13	37	46	14	5	0.18	75
28+00N 17+30E	-5	2.1	36	141	115	18	8	0.33	123
28+00N 17+40E	-5	3	31	56	75	13	6	0.09	137
28+00N 17+50E	-5	0.9	30	13	86	16	7	0.06	80
27+50N 16+50E	-5	1.6	15	25	68	6	-5	0.11	75
27+50N 16+60E	7	1.9	15	20	67	21	8	0.32	65
27+50N 16+70E	6	1.2	30	20	83	28	7	0.05	57
27+50N 16+80E	7	1.2	22	14	68	31	-5	0.09	59
27+50N 16+90E	-5	1	15	14	46	18	-5	0.04	46
27+50N 17+00E	-5	1.1	23	16	80	16	-5	0.16	70
27+50N 17+10E	7	2.3	32	41	131	26	6	0.16	75
27+50N 17+20E	-5	1	18	12	58	18	-5	0.03	78
27+50N 17+30E	-5	1.2	15	42	71	9	7	0.19	83
27+50N 17+40E	-5	0.7	16	27	64	13	7	0.05	82
27+50N 17+50E	21	0.4	11	13	38	-5	5	0.03	52
23+25N 17+10E	-5	0.9	20	13	57	29	9	0.03	56
23+25N 17+20E	-5	1.6	28	31	60	36	10	0.03	64
23+25N 17+30E	-5	0.8	7	178	28	13	7	-0.01	40
23+25N 17+40E	-5	-0.2	5	85	45	15	-5	-0.01	57
23+25N 17+50E	-5	0.4	4	57	18	6	-5	-0.01	47
23+25N 17+60E	-5	-0.2	3	27	15	9	-5	-0.01	46
23+25N 17+80E	-5	0.6	8	22	27	9	-5	0.01	91

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GRID COORDINATE	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Mn ppm	Ba ppm
23+25N 17+90E	-5	0.9	7	43	32	8	-5	0.02	86
23+25N 18+00E	-5	0.3	5	24	20	7	-5	-0.01	35
20+25N 15+00E	-5	2.1	22	90	95	350	14	0.05	28
20+25N 15+10E	7	4.7	41	1591	497	155	21	0.69	478
20+25N 15+30E	15	15.3	45	666	210	313	22	0.04	45
20+25N 15+40E	9	33	35	3518	368	209	17	0.61	187
20+25N 15+50E	-5	4.5	20	98	96	99	12	0.02	77
19+75N 15+60E	-5	3.5	9	340	32	28	-5	-0.01	30
19+75N 15+70E	6	0.6	7	37	41	-5	-5	-0.01	122
19+75N 15+80E	-5	0.9	13	38	34	7	-5	0.01	120
19+75N 15+90E	-5	-0.2	4	8	19	-5	-5	-0.01	109
19+75N 16+00E	-5	-0.2	2	13	10	-5	-5	-0.01	43
19+75N 16+10E	-5	0.3	12	7	28	11	-5	-0.01	15
19+75N 16+20E	-5	0.2	12	6	30	17	-5	-0.01	29
19+75N 16+30E	-5	1.4	24	12	78	40	8	0.04	48
19+75N 16+40E	-5	2.6	32	135	393	28	6	0.18	412
19+25N 15+30E	-5	31.2	34	2128	80	147	23	0.02	92
19+25N 15+40E	-5	38.5	291	10000	446	177	327	2.09	62
19+25N 15+50E	-5	2.1	39	414	65	50	13	0.02	23
19+25N 15+70E	-5	0.4	9	58	26	15	-5	0.01	17
19+25N 15+80E	-5	0.6	2	17	22	-5	-5	-0.01	30
19+25N 15+90E	-5	2.4	16	110	140	11	6	0.02	179
19+25N 16+00E	-5	2.3	27	50	62	50	9	0.02	43
18+75N 15+10E	-5	20	48	10000	5390	459	33	1.13	302
18+75N 15+20E	-5	4.4	28	585	411	55	10	0.15	571
18+75N 15+30E	-5	5.7	41	388	410	29	10	0.2	541
18+75N 15+50E	-5	2.9	9	45	58	23	8	-0.01	99
18+75N 15+60E	-5	1.6	11	48	75	20	8	0.02	724
18+75N 15+70E	-5	2.6	17	48	214	20	9	1.23	658
18+75N 15+80E	-5	2.6	15	55	219	27	10	1.28	598
18+75N 15+90E	-5	1.1	4	21	44	9	-5	0.01	263
18+75N 16+00E	6	1	12	94	41	9	-5	0.02	195
18+25N 15+30E	-5	0.8	28	49	112	35	10	0.11	192
18+25N 15+40E	-5	1.5	14	150	154	36	5	0.05	134
18+25N 15+50E	-5	2	24	45	198	28	7	0.02	196
18+25N 15+60E	-5	1.5	21	15	44	38	9	0.01	30
18+25N 15+70E	-5	-0.2	12	7	41	9	7	0.01	35
18+25N 15+80E	-5	0.4	14	23	40	19	-5	0.02	54
18+25N 16+00E	-5	2.2	24	66	234	65	16	0.33	399
17+00N 14+30E	6	2.6	13	49	80	68	5	0.02	58
17+00N 14+40E	-5	3.9	15	801	120	76	6	0.23	99
17+00N 14+50E	-5	1.4	21	13	43	24	-5	-0.01	32
17+00N 14+60E	-5	1.9	34	15	59	50	9	0.02	36
17+00N 14+70E	-5	3.1	28	32	69	56	12	0.04	47
17+00N 14+80E	-5	0.9	18	22	59	44	10	0.02	40
17+00N 14+90E	-5	2.1	22	27	152	987	21	0.06	54

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GRID COORDINATE	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Mn ppm	Ba ppm
17+00N 15+00E	-5	5.1	31	42	82	587	22	0.08	45
17+00N 15+10E	-5	0.6	13	33	47	37	5	0.03	66
17+00N 15+20E	-5	1.9	10	66	98	201	11	-0.01	39