

ASSESSMENT REPORT
ON THE
BT 1-6 & 8 CLAIMS
CARIBOO MINING DIVISION BRITISH COLUMBIA
LAT 54° 03' N LONG 121° 36' W
N.T.S. 93 I 4

FOR
26BT RESOURCE DEVELOPMENT CO. LTD.
BY
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&
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GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

26,723

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Calgary, Alberta

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INTRODUCTION

Claim Data

The B.T. Properties are presently held in the name of 26BT Resource Development Co. Ltd. They were originally staked by Brendan A. Gordon on behalf of Malcolm T. MacDonald, one of the principals of the Company.

<u>Claim Name</u>	<u>Tenure Number</u>	<u>Anniversary Date</u>
BT 1-4	313837-313840	October 8, 1993
BT 5,6	313845-313846	October 8, 1993

These were then sold to the company.

BT 7, 8, 9, 10 and 11 were acquired on behalf of the company in 1993. Details are as follows:

BT 8-10	323096-323098	December 21, 1994
BT 7,11	323202-323203	December 29, 1994

BT 12, 13, 14, 15, 16, 17, 18, 19 and 20 were acquired on behalf of the company by Brendan A. Gordon in June 1996. The details are as follows:

BT 12-17	346620-346625	June 09, 1996
BT 18	346941	June 10, 1996
BT 19	346626	June 10, 1996

This report covers claims 1-6 and 8 only. Claims 7 and 9-20 were relinquished last year.

Location & Access

The property lies north of the Fraser River and south of the West Torphy River. The centre of the claims is about 6 kilometres N.N.E. of Sinclair Mills (Figure 1). Access to the claims is by old logging roads. The claims lie between the elevation of 700 meters and 1690 meters in generally rugged terrain. Devil's club and windfall trees make the claims difficult to traverse.

History

Two of the principals of the company entered the area north and east of MacGregor in 1989. This was based on projections of the trends seen in the configuration of the North American Continental mass as demonstrated by Government gravity and magnetic maps. Later, while studying reports and maps in the Provincial offices in Prince George, the magnetic feature shown on Aeromagnetic Map 1536 G of the Geophysics Division of Mines and Technical Surveys was

noted. Subsequent sampling along creeks crossing the old logging road north of Sinclair Mills yielded unusually high amounts of magnetite. The decision to stake the area at the north west end of Bearpaw Ridge was then made and carried out in 1992. An aeromagnetic survey was flown, processed and interpreted in 1993. As a result of this survey, additional areas surrounding the claims were staked. 9 holes were drilled to the depth of 100' on the claims in October 1994. The chemical analysis from the cores showed that Fe₂O₃ content averaged between 10 - 20% in the holes and reached up to 35% in some zones. The magnetic separation in 20 samples from two of the holes showed that in samples with high Fe₂O₃ content (greater than 10%), magnetite is more than 75% of total Fe₂O₃ percentage.

Three holes were drilled to the depths of 300' in June 1995. Two of the holes confirmed the presence of magnetite in a variable amount to at least 300'. The third hole was mislocated and missed the anomaly. This hole does not appear to have any commercial significance.

Three holes were drilled in July 1996, two to the depth of 300' and one to 500'. One hole confirmed magnetic concentration while the other two were discouraging. Detailed surface geology was undertaken in 1997 together with mineral and chemical analysis of 60 stream samples and 109 chip samples. The report of professional geologist is included as Appendix 7 in Assessment Report Number 25280.

In the summer of 1998, ground magnetic and VLF-EM data was collected along eleven cut lines and four roads. 25 silt samples and 81 rock samples were also collected by E. R. Kruchkowski, P. Geol. and his crew. His report is included as Appendix 2 in Assessment Report Number 25664. Ground geophysical data results are discussed in a later section (Integration of Geology and Geophysics).

In the summer of 1999, ground magnetic data was collected along three extended and two new lines. 63 rock samples and magnetic data at 25' intervals were collected by E.R. Kruchkowski, P. Geol. and his crew. Two gravel samples were also collected for detailed analysis. Five cores from previous holes (94-4, 94-6, 95-2, 96-1, and 96-3) were analyzed in detail in 3.3 m (10') sections by Overburden Drilling Management for mineralogical content. Core for 94-4 was analyzed by MD Technologies of Perth, Australia for metallurgical analysis in July to October 1999.

In September 2000 two 92 m deep holes were drilled from the same location (surface sample R224, Figure 4), one vertical and the other at 45° inclination. The cores were analyzed and selected samples were chemically analyzed (see Appendix 1 and 2).

Geology

Following summary of known geology of Bearpaw ridge closely follows the report by Pell (1994). The area is mapped as Silurian volcanics, felsic and intermediate tuffs, agglomerates of Nonda formation over the ridge, foliated hornblende gneiss on the western slope and coarse grained massive pink syenites in the southwest (Figure 2). Pell notes sodalite syenite outcrop and two flanking syenite sills in southeast portion of the claim area which intrude the volcanics whose southeastern extent is not defined. These volcanics "largely comprise clinopyroxene crystal tuffs, calcareous tuffs and minor basaltic flows. Flow rocks contain

clinopyroxene phenocrysts and altered phenocrysts (now chlorite) in a ground mass of opaque oxides, plagioclase and clinopyroxene microphenocrysts and chlorite". These may be classified as alkali basalts. Folded and foliated dioritic orthogneiss vary from a banded gneiss containing 5 - 10% magnetite-ilmenite to a mafic gneiss with 15 - 20% magnetite-ilmenite. Chemical analyses indicates Fe_2O_3 content of 6.9 and 14.5% in two volcanic samples and 1.5, 7 and 11.2% in three samples from mafic gneiss. Corresponding TiO_2 content is .59 and 2.06% in volcanics and .27, .80 and 2.01% in mafic gneisses.

Kelsch in an appendix to Kelsch and Jain (1994) reported that the accessible part of the terrain is generally covered by a thin layer of soil. The vegetation is thick. Devil's club and mosquitoes are plentiful and they make the work quite difficult. In spite of these problems, he obtained several surface samples. The majority of these samples were from glacial erratics which had not moved very far from their original location. The magnetic susceptibility of these samples ranged from .001 to .250 S.I. units. Two of the samples were analyzed chemically by Terramin Research Labs Ltd. The analysis showed 22 and 25% Iron Oxide and 4.34 and 5% Titanium Oxide in these samples. These figures support more work on the prospect to define concentrations of magnetite and ilmenite which may have economic interest.

The magnetic data acquired by 26BT strongly suggest a magnetite rich intrusive of elliptical shape on the ridge. This is confirmed by the mineralogical analysis of samples from fifteen holes drilled so far which contain crystalline gabbro with high mafic content. The gabbro is quite heterogeneous laterally as well as vertically. Pell (1994) does not mention this intrusive. Incidentally, the sodalite body mapped by Pell was not encountered in hole 95-3.

Geophysics

Data Acquisition in 1993

26BT engaged Geonex Aerodat to conduct an aeromagnetic and electromagnetic survey over a 12 km X 13 km area including the company's claims. The data were acquired in February, 1993 by a helicopter with mean terrain clearance of 100 m for helicopter and 70 m for sensing equipment. The survey comprises 321 line kilometres, with east-west traverse lines spaced 500 m apart and two north-south tie lines. In addition to the total field map with variable contour interval, Geonex also supplied maps for vertical gradient of the magnetic field and VLF-EM total field. The VLF-EM map is relatively quiet and indicates general absence of sulphide ores in the area. The vertical gradient measurements did not provide meaningful data probably because magnetic anomalies were very strong and very sharp. The details of acquisition and preliminary processing are contained in the report submitted by Geonex and included in Kelsch, and Jain (1993). Final processing and interpretation are described by Jain and Kelsch (1997) in Assessment Report Number 25280.

Data Acquisition in 1997

26BT engaged Dighem, A Division of CGG Canada Ltd. to conduct an aeromagnetic and multi-coil, multi-frequency electromagnetic survey over an approximately 62 sq km area. Total coverage amounted to 361 km including tie-lines. The survey was flown on February 8 and February 9, 1997. Dighem processed the data in their Mississauga, Ontario facility and final maps and their report was received by 26BT on April 8, 1997. For technical details of the Dighem report see Assessment Report Number 25034.

Interpretation of E-M Data

This is included in Assessment Report Number 25543 (D.R. Stevenson, P.Geo. electromagnetic data), Assessment Report Number 25664 (Appendix 2) and Assessment Report Number 25034 (Dighem maps).

DRILLING AND CORE ANALYSIS

9 holes were drilled to a depth of 30.46 m (100 ft) in October 1994, 3 holes to the depth of 91.38 m (300 ft) in June 1995 and three holes, two to the depth of 91.38 m (300 ft) and one to 152.29 m (500 ft) in July 1996. All holes were cored in hard rock. Location of the holes is shown in Figure 3. Core diameter was 43 mm (1 3/4"). Hole 7 did not hit the hard rock till it reached the bottom. Susceptibility was measured at 1 ft intervals on the cores as an indicator of the magnetite content. Two boulder specimens collected in 1994 were analyzed. The holes were drilled to determine the source of magnetic anomaly and not for details of local geology. No obvious metals have been noted in the cores. Appendix 1 gives details of the drilling logistics. Core logs are given in Assessment Report Number 25034.

140 samples were selected from fourteen cores to include a wide variety of susceptibility and core type (grain-size, colour, rock type) and two from boulders picked up on the site. Magnetic susceptibility of the samples was measured several times at different locations on the sample and the average recorded.

The samples were chemically analyzed by Terramin Research Labs of Calgary in December, 1994, August, 1995 and October, 1996. The results of their analyses, measured susceptibility and rock type are given in Assessment Report Number 25664.

Cores from five holes, 94-4, 94-6, 95-2, 96-1 and 96-3 were cut in two halves along the diameter. One part was sent to Stu Averill, Overburden Drilling Management Limited, Napean, Ontario. His reports and analyses conducted by them are included in Assessment Report Number 26044. Overall results of this study are generally negative. The summary of Stu Averill's work is as follows:

1. The magnetite in the gabbro contains approximately 10% of its weight in TiO_2 in intercrystalline form. The titaniferous magnetite is of little commercial value.
2. There is no rutile contained in these cores.
3. Ilmenite content ranges from 2.5% to 5% in all holes except 96-4 where it is 10%. 94-4 also contained 2.5% P_2O_5 . However, apatite contained in the core is very fine-grained and may be deleterious to Ilmenite instead of being a by-product. As result of this analysis, core from 94-4 was sent to MD Technologies in Perth, Australia for metallurgical analysis and review of commerciality of the core. Results from their analysis show that recoverable ilmenite is only 3.2% because substantial proportion of TiO_2 is contained in Pyroxenes as well as in magnetite and that calcium and phosphorus content makes it unsuitable for chloride feed stock but acceptable as sulphate feed stock. Two surface samples from northern part of the ridge had recoverable ilmenite exceeding 10%.

INTEGRATION OF GEOLOGY AND GEOPHYSICS

The geological study conducted in the summer of 1997, 1998 and 1999 by Ed Kruchkowski (see Assessment Report Numbers 25280, 25664 and 26044) provided encouraging results from silt and rock samples. Analyses of these samples generally supported the magnetic data interpretation and drill hole results of previous years. General conclusions from magnetic separation and petrographic studies are:

1. Recoverable magnetite is expected to be 60 - 75% of Fe_2O_3 content of the rock. However, this magnetite is of little commercial interest due to its TiO_2 content.
2. Recoverable ilmenite is expected to be about the same percentage as TiO_2 since pyroxenes and magnetite also contain TiO_2 .
3. Rutile is absent in all five holes analyzed in detail.
4. Apatite is present along the rims of zones with concentrated ilmenite. This apatite is very fine-grained, widely dispersed and probably not commercial.

Silt Samples

86 silt samples were collected in 1997 and 1998 from the stream beds. The chemical analyses showed Fe_2O_3 and TiO_2 content ranges of 5 - 36% and 0.5 - 14% respectively. Iron and titanium contents increased in tandem, TiO_2 being 20 - 40% of Fe_2O_3 . Generally the percentage was at the higher end of the spectrum when the Fe_2O_3 content was higher.

Higher concentrations were noted in streams which flowed through highly magnetic areas than in streams which bypassed such areas. The ground magnetic survey shows that many streams have moved since concentrating magnetite along several kilometres of their lengths. The data indicates the width of concentrated zones ranges from 100 - 200 m. It should be noted that string anomalies are also caused by sources other than streams.

Rock Samples

Rock samples were collected from accessible outcrops in 1997, 1998 and 1999. Chemical analyses of these samples showed that generally TiO_2 is 15 - 35% of Fe_2O_3 , its proportion increases when Fe_2O_3 concentration is high.

The chemical analysis done in 1997 did not include P_2O_5 and V_2O_5 . The analysis for these samples was repeated by Loring Lab in 1999 in Assessment Report Number 26044. This analysis indicates that ilmenite enrichment noted in 94-4 probably extends eastwards and may be better than in 94-4. P_2O_5 content seems to be higher along the rims of high ilmenite zones. There is indication of local concentration of V_2O_5 but not to economic levels on its own account.

Ground Geophysical Survey

In June 1998 and 1999, total magnetic field data were collected along slashed lines and four roads. Station spacing was 25 m and line spacing averaged 1 km. The meter, ENVI

MAG/VLF, S/N 9602230, was manufactured by and rented from Scintrex. This work is reported in Assessment Report No. 26044. To summarise, manually contoured map of magnetic field shows very strong (2000 -6000 nT) string like anomalies. When these strings follow the dips on topographic map, they indicate magnetite concentration in existing or old streams. When string like anomalies follow the trend of the topographic strikes, they may be due to the outcropping gabbro.

Composite Sample Separation and Analyses of Ilmenite and Magnetite

The crushed core for hole 94-4 was shipped to MD Mineral Technologies in Australia to determine the recoverable grade of ilmenite, magnetite and apatite, composition of ilmenite and magnetite and grain size of ilmenite and magnetite. The report of this analysis (Assessment Report Number 26336) can be summarised as follows:

1. Recoverable percentage of ilmenite totals only 2.9%. This could increase to almost 4.0% on optimum crushing.
2. Ilmenite is suitable for sulfate feedstock.
3. Magnetite contains approximately 15% TiO₂.
4. Apatite, if any, is not recoverable.

These findings show that the hole itself is not commercial but the areas of higher TiO₂ content could be potentially commercial. Therefore, two crushed rock sample residuals from geochemical analysis for samples R65 and R222 located on the northwest slope of the ridge were sent to MD Minerals for similar analysis. The geochemical analysis had shown that TiO₂ content in these samples was approximately 10%. Unfortunately, fines (-45 micrometer) were 65.2% in R65 and 42% in R222. Even with this unfavorable ratio, the recoverable ilmenite was respectively 2.6% and 8.3% of the whole sample. This translates into maximum of 7.5% and 12.7% respectively. In R222, all of TiO₂ appears to be in ilmenite and magnetite and none in pyroxenes. Recovery of more than 10% ilmenite is probable in an optimally ground sample R222.

Drilling

In September 2000 two 92 m deep holes were drilled from the same location, one vertical (2000-V) and the other at 45 degree inclination (2000-I). Drilling was done by Falcon Drilling of Prince George B.C. using 43 mm rotary core drill. The cores were shipped to Calgary.

CURRENT WORK

The cores from holes 2000-V and 2000-I were logged by Ed Krutchkowski P.Geol. (Appendix 1). 39 samples from these cores were analyzed for 30 elements (Appendix 2). The proportion of elements in these samples is very different than the surface sample where the hole was due to be located (R224, Figure 3, Assessment Report Number 26336). As a result, we suspect that the holes were mislocated and their actual location relative to the surface sample is not known.

Gold Prospect

In April 2001, 15 silt samples scattered over the area of the claims were sent to Loring Labs of Calgary for PGM analysis to review the prospects of gold, palladium and platinum. None of the samples had measurable platinum or palladium. However, two silt samples had gold content of 25 ppb and 1500 ppb. These samples are located on eastern side of the ridge, near an offshoot of the Tintina Regional fault and on the probable edge of the gabbro-rich intrusive. Seven rock samples were also analyzed for gold, copper, lead and zinc but they did not contain any of these elements in appreciable quantity.

Another 30 silt samples and one rock sample were analyzed for PGM elements and 32 element analysis in August 2001. The gold content in 30 samples was as follows:

Gold, ppb	Number of Samples
100 - 815	9
25 - 83	6
08 - 23	6
below 5	9

The only rock sample analyzed tested gold at 7 ppb. The gold values clustered around two good samples tested in the spring. 32 element analysis of these 30 silt samples and 7 rock samples confirmed that there was no other element of economic interest in appreciable quantity. All assays are included in Appendix 3.

CONCLUSION AND FUTURE WORK

Ilmenite

Our work over past eight years has shown that magnetite is present in large quantity but it is titaniferous and is not suitable as an iron ore. Mineral recovery analysis of core from 94-4 and two surface samples (included in report for year 2000, Assessment Report Number 26336) has shown that the ilmenite is suitable for extraction of titanium for paint industry. The recovery in 94-4 is not commercial but it was higher than 10% in one of the surface samples. There are several areas indicated on maps based on surface samples where titanium and vanadium content could be commercial (Figure 4 and 5). These areas will be tested by drilling as soon as budgetary considerations permit.

Gold

Of 45 stream silt samples analyzed so far, 23 had gold ranging up to 1.5 gm/ton. Ed Krutchkowski P/Geol. considers this showing to be very encouraging and near-term work will be focused on gold. Our immediate plans are:

1. Acquire more stream silt, soil and outcrop rock samples in areas outlined from this year's work. Analyze these and previously collected samples from this area for gold content.
2. Analyze for gold cores from holes 95-2 and 96-3 which are located in the vicinity of gold-bearing samples.

3. Separate magnetic and non-magnetic components from some silt samples and analyze them for gold to determine the source of gold.
4. Collect soil samples on a tight grid and prepare gold content map over 2 sq km area where gold-bearing samples have been identified.
5. Drill 50 m deep holes in anomalous areas identified in step 4.

At the time of writing this report, step 1 has been completed. Out of 166 soil samples collected, 37 have measurable gold values. Out of 14 rock samples, 8 had measurable gold values. 26 stream silt samples were also collected. Four of these had measurable gold. Gold bearing samples total 64 for stream silts and soils and 9 for rocks and were located on two main trends northeast of Bearpaw ridge.

References

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APPENDIX 1

Drill hole and core information

Hole diameter	1 3/4" 43 mm	
Inclination	90° and 45° (2000V)	
Azimuth	90° (2000V)	
Minerals noted	no obvious metals noted	
Number of holes	17	
Total hole depth	3500' 1066.8 m	
Total length of core	3181' 969.0 m	
Location of cores	7203 Keewatin Street S.W., Calgary, AB, T2V 2M6	
Collar elevation of holes (estimated from topo map)	94-1	3599' 1097 m
	94-2	3812' 1162 m
	94-3	3924' 1196 m
	94-4	4127' 1258 m
	94-5	3527' 1075 m
	94-6	3665' 1117 m
	94-7	2828' 862 m
	94-8	2749' 838 m
	94-9	2346' 715 m
	95-1	2461' 750 m
	95-2	4550' 1387 m
	95-3	5321' 1622 m
	96-1	2526' 770 m
	96-2	5269' 1606 m
	96-3	5174' 1577 m
	2000-I	4600' 1402 m
	2000-V	4600' 1402 m

APPENDIX 2

Core Logs DDH 2000-1 and 2

DDH 2000-1 was drilled at -90 degrees to a depth of 91.5 meters. It intersected a coarse grained, foliated gabbro along the entire length. Minor narrow anorthosite stringers were noted within the gabbro. From 2.43 m to 28.35 m, the gabbro consists of a strongly foliated rock with distinct and coarse hornblende and biotite crystals forming rhythmic bands up to 10 cm wide in more feldspar rich material. From 28.35 to 91.5 m, the gabbro is generally weakly foliated with a more equigranular habit. Magnetism is weak to moderate along the hole with the upper coarser gabbro less magnetic.

The hole appears to be parallel to foliation in the upper portion and then intersects the geology at 45 to 50 degrees to the foliation in the lower most portions of the drill hole.

DDH 2000-2 was drilled at -60 degrees and azimuth 090 degrees to a depth of 91.5 meters. From 5.79 m to 29.26 m, the gabbro consists of a strongly foliated rock with distinct and coarse hornblende and biotite crystals forming rhythmic bands up to 10 cm wide in more feldspar rich material. From 29.26 to 91.5 m, the gabbro is generally weakly foliated with a more equigranular habit. Magnetism is weak to moderate along the hole with the upper coarser gabbro less magnetic.

A shear zone is present from 46.04 to 47.1 m with weakly sheared and locally talcose material.

Local narrow stringers composed of almost totally mafic mineral, crosscut the earlier foliated gabbro. Some of the stringers are up to 10 cm and contain coarse magnetite blebs up to 5 mm that form up to 30 % of the rock.

Local anorthosite dykes up to 0.6 m in width were noted.

The hole appears to have been drilled along foliation.

DDH 2000-1

Dip -90 degrees

0- 2.43 m	Overburden
2.43 - 5.49 m	Gabbro Coarse grained, highly weathered to a brown colour.
5.49 - 20.49 m	Gabbro Highly foliated rock with banding @ 40 degrees to C.A. Coarse hornblende and biotite crystals in a bluish feldspar matrix.

Overall colour of the rock is dark grey. It is weakly magnetic with mafics composing 35 to 40 % of the rock. Abundant rust along fractures.

@13.41 m –Narrow 5 cm anorthosite stringer.

@ 14.02 – 15.24 m – Narrow calcite veinlets approximately 1 –2 mm parallel to C.A.

20.12 – 20.49 m

Anorthosite

White, coarse grained, low mafic content and highly weathered.

20.49 – 28.35 m

Gabbro

Very coarsely crystalline and foliated. Black to brown in colour with locally vuggy and highly weathered sections. Weakly magnetic in feldspar rich portions. Highly magnetic in mafic rich portions. Mafics approximately 50 – 60 %. Locally highly broken. Foliation bands up to 4 cm wide, generally varying from parallel to 10 degrees to the C.A. Local strong black chlorite along fractures.

28.35 – 48.93 m

Gabbro

Equigranular, weakly foliated, with foliation varying from parallel to 10 degrees to the C. A. The rock has a more even habit than above and appears as a more uniform grey colour. It is a dense rock with local chlorite fracture coatings. Local minor calcite veinlets up to 1 – 2 mm are present cutting the gabbro at 45 degrees to the C.A. Local epidote is present. Local coarse hornblende clusters up to 4 cm across. Overall mafics approximately 45 % of the rock.

@38.87 m anorthosite stringer

48.93 – 49.39

Anorthosite

Coarse hornblende crystals along baked contacts. These crystals are greater in size than the ones noted in the other portions of the core.

49.39 – 91.5 m

Gabbro

Weakly foliated at 10 to 15 degrees to the C.A. Moderately magnetic with local 2 – 3 cm anorthosite stringers. Coarse hornblende crystals are present along the contacts of the stringers.

@66.46 m – foliation increases to 40 – 45 degrees to the C.A.

Mafics decrease to 35 % of the rock after 49.39 m.

@ Bottom of hole, foliation steepens to 50 degrees to C.A.

E.O.H.

91.5 m

DDH 2000 - 2

Dip - -60 degrees

Azimuth - 090 degrees

0 - 5.79 m

Overburden

5.79 - 29.27 m

Gabbro

Well foliated at 40 degrees to C.A. with 1 mm up to 1 cm bands of alternating mafic rich to feldspar rich bands. Mafics form approximately 30 - 40 % of the rock. The rock is coarse grained, weakly magnetic with local coarse feldspar blebs up to 10 cm. Local coarse biotite "books" are present and may be up to 5 mm in size. Local minor epidote is present. The overall colour is dark grey to black with a bluish hue to the feldspars. Local black chlorite occurs as alteration of biotite.

@ 9.14 - 29.97 m - Mafics form 50 % of the rock.

@ 10.97 m - Foliation is parallel to the C.A.

@ 18.9 - 19.5 m - Moderately magnetic in zone with 60 % mafics.

@ 30.48 - 32.62 m - Bluish manganese stain along fractures.

@ 31.4 m - Locally strong magnetism on fracture filling, possibly minute magnetite veinlet.

@ 29.26 and 30.5 m - Local narrow anorthosite stringers.

29.27 - 46.03 m

Gabbro

Weakly foliated gabbro, with foliation parallel to C.A. Mafic content is approximately 40 % and magnetism is weak. The rock is dark grey and coarse grained. Minor rust is present along fractures.

@ 36.89 - 37.19 and 41.15 - 41.45 m - Narrow 1 - 2 mm talcose veinlets are present.

@ 45.06 - 46.03 m Coarse rhythmic banding at 0 degrees to C.A. Feldspar and mafic rich bands are approximately 10 cm wide.

46.03 - 47.10 m

Shear Zone

Weakly sheared and locally talcose gabbro.

47.10 - 69.5 m

Gabbro

Coarse grained gabbro, mafics form 45 % of the rock. Weak banding at 10 degrees to C.A. Overall rock varies from equigranular to weakly banded. Section has a definite increase in magnetism.

@ 60.98 - 69.51 m Local narrow, cross-cutting stringers up to 15 cm wide of almost totally mafic content at 45 degrees to the C.A. versus foliation at 10 degrees to C.A. There is no marked chill or

baked contacts. Contact appears gradational with coarse magnetite blebs up to 5 mm on contact of stringers.

- | | |
|-----------------|---|
| 69.51 – 70.12 m | Anorthosite
Coarse grained with minor biotite altered to green chlorite. |
| 70.12 – 79.26 | Gabbro
Weakly foliated at 0 to 10 degrees to C.A.
@73.17 – 70.26 m – Increase in mafics up to 50 – 55 % with subsequent increase in magnetism. Local fine black chlorite veinlets 1 – 2 mm.
@ 78.96 m – Narrow 1 cm mafic, crosscutting stringer. |
| 79.26 – 80.33 m | Gabbro
Very coarse grained, very weakly foliated with mafics approximately 30 %. |
| 80.33 – 80.48 m | Anorthosite
Local fine garnet crystals. |
| 80.48 – 91.5 m | Gabbro
Weakly foliated at 10 degrees to C.A. Mafics approximately 50 %. Moderately to strongly magnetic. Local narrow crosscutting mafic stringers approximately 1 – cm with associated strong magnetism. |
| E.O.H. | 91.5 m |

Rock Descriptions

- R-251 Medium grained gabbro, gray, subhedral feldspar crystals
- Weakly shows same sheared as S-104
- R-252 Float in creek, approximately 75 meters upstream from S-105
- thinly banded tuff?, gray with fine grained pyrite as disseminated grains, approximately 5%
- narrow pyrite bands? parallel to banding, up to 2 mm
- boulder approximately 0.4 meters in diameter, very rusty on exterior
- minor quartz veinlets approximately 1-2 cm
- R-253 Outcrop in creek, medium-grained gabbro, rusty
- exposed approximately 20-30 meters
- R-254 Very coarse-grained gabbro, mafics approximately 30-45%
- Outcrop approximately 30 meters before S-107, strong epidote alteration
- R-255 10 meters below S-109 – outcrop approximately 10 meters long
- Coarse gabbro, strong epidote alteration, mafics approximately 30%
- R-256 Outcrop approximately 30 meters below S-110 to 30 meters above
- Sample is coarse grained foliated gabbro, mafics approximately 35-40%
- R-257 Outcrop is skarn, recrystallized limestone with coarse calcite crystals
- Minor hornblende
- Greenish color
- R-258 Sample is coarse grained equigranular gabbro, weakly magnetic
- Mafics approximately 25%, minor larger plagioclase- subhedral crystals
- R-259 Sample is float. Cherty sediment altered to weak hornfels, minor pyrrhotite
- R-260 Float, siliceous sediment, recrystallized with minor pyrrhotite
- R-261 Small outcrop @ S-136 in streambed, rock is coarse-grained equigranular gabbro
- 5 mm epidote veinlets, mafics approximately 35%
- R-262 Outcrop is thin-bedded siliceous tuffs, gray to green

- Fine grained with 1-2 cm stringers of potassium, K-feldspar
- R-263 Outcrop approximately 40 meters long in creek bed, small rapids
- Coarse grained equigranular gabbro, mafics approximately 25%
 - Moderately magnetic, minor sulfide specks of pyrrhotite?
- R-264 Outcrop is same as R-263
- R-265 Outcrop is weakly foliated gabbro, mafics approximately 30%
- Coarse grained
- R-266 Outcrop approximately 5 meters long in creek bed
- Equigranular, coarse grained gabbro
 - Mafics approximately 15-20%, weakly magnetic
- R-267 Outcrop is foliated gabbro, mafics approximately 25%, coarse grained
- R-268 Rock is highly foliated, weakly sheared, rusty gabbro
- Mafics approximately 25%
- R-269 Highly foliated gabbro, rusty, mafics approximately 30-35%



Loring Laboratories Ltd.

629 Beaverdam Road N.E.,
Calgary Alberta T2K 4W7
Tel: 274-2777 Fax: 275-0541



TO: 26 BT RESOURCE CO., LTD
Suite 200, 5920 McLeod Trail S.W.,
Calgary, Alberta
T2H 0K2

FILE: 43493

DATE: November 30, 2000

Attn: Sudhir Jain

WHOLE ROCK ANALYSIS BY ICP

Sample No.	Al ₂ O ₃ %	Ba ppm	CaO %	Cr ppm	Fe ₂ O ₃ %	K ₂ O %	MgO %	MnO %	Na ₂ O %	Ni ppm	P ₂ O ₅ %	SO ₃ %	SiO ₂ %	Sr ppm	TiO ₂ %	V ₂ O ₅ %	LOI %	SUM %
00-1V-11	16.76	347	10.85	187	16.24	0.25	4.67	0.15	2.58	131	2.331	0.18	36.10	1328	4.15	0.05	3.46	97.96
00-1V-18	11.96	144	9.74	116	21.21	0.14	8.62	0.29	1.51	55	2.248	0.17	30.78	641	5.66	0.05	5.79	98.23
00-1V-26	14.61	309	10.98	88	17.91	0.29	5.74	0.20	2.37	53	2.530	0.20	35.51	1158	5.21	0.09	2.55	98.11
00-1V-35.5	10.17	201	11.00	58	25.19	0.20	7.36	0.27	1.63	45	3.170	0.20	30.55	726	7.14	0.10	1.16	98.21
00-1V-75	14.42	288	10.41	204	20.57	0.25	5.80	0.22	2.52	130	2.656	0.27	34.59	1002	5.19	0.05	1.65	98.70
00-1S-21.5	13.95	255	11.30	143	21.35	0.21	5.62	0.21	2.38	45	2.878	0.20	33.96	974	6.06	0.09	<0.01	98.33
00-1S-36	13.11	320	10.50	85	21.15	0.32	6.34	0.24	2.05	50	2.622	0.19	33.53	979	6.15	0.08	2.02	98.40
00-1S-45.2	12.25	243	10.67	119	22.98	0.21	7.17	0.25	2.08	29	2.589	0.19	33.97	825	5.95	0.07	0.01	98.47
00-1S-58	10.89	207	11.09	95	24.05	0.22	7.57	0.28	1.78	56	3.140	0.24	32.24	792	6.24	0.07	0.31	98.20
00-1S-68	17.68	390	9.89	75	14.98	0.45	4.54	0.16	2.81	52	2.061	0.22	38.86	1346	3.99	0.06	2.16	97.99
00-1S-71.5	10.55	233	10.33	123	25.50	0.18	7.45	0.28	1.77	53	3.064	0.20	30.42	735	8.12	0.14	0.10	98.14
00-1S-91.5	17.14	309	10.99	44	16.74	0.32	5.12	0.20	2.91	35	2.174	0.29	37.96	1217	4.56	0.06	0.01	98.59
00-1S-103	11.50	274	10.11	31	25.67	0.28	7.59	0.05	1.70	30	2.745	0.16	31.35	778	6.72	0.10	1.27	99.33
MD	0.09	<20	54.27	<2	0.36	0.08	0.82	0.01	0.10	18	0.014	0.74	0.44	193	0.04	<0.01	42.47	99.44
ML	0.07	<20	55.17	37	0.13	0.06	0.23	0.01	0.09	52	<0.001	0.68	1.12	117	0.02	0.02	42.03	99.64
MM	<0.01	<20	55.38	37	0.16	0.05	0.24	0.01	0.10	16	<0.001	0.67	0.10	97	<0.01	<0.01	42.99	99.71

0.2g sample fused with lithium metaborate and dissolved in 5% HNO₃.

Certified by:

APPENDIX 3



Loring Laboratories Ltd.

629 Beaverdam Road N.E.,
Calgary Alberta T2K 4W7
Tel: 274-2777 Fax: 275-0541



TO: 26 BT RESOURCE CO., LTD
Suite 200, 5920 McLeod Trail S.W.,
Calgary, Alberta
T2H 0K2

FILE: 43493

DATE: November 24, 2000

Attn: Sudhir Jain

30 ELEMENT ICP ANALYSIS

Sample No.	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sr	Th	Ti	U	V	W	Zn
	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
00-1V-11	<0.5	3.77	<1	<1	16	140	<1	3.36	2	64	78	17	6.24	0.11	44	1.57	341	3	0.67	52	0.74	14	5	582	<1	0.18	<1	130	3	24
00-1V-18	<0.5	3.84	<1	<1	21	61	<1	3.36	3	79	80	19	8.94	0.04	44	3.73	882	2	0.62	72	0.75	20	5	291	<1	0.17	<1	181	<1	30
00-1V-26	<0.5	3.46	<1	<1	21	122	<1	3.58	2	66	59	16	6.59	0.10	49	2.00	413	2	0.68	56	0.86	12	5	486	<1	0.20	<1	132	<1	26
00-1V-35.5	<0.5	2.03	<1	<1	20	71	2	3.37	3	82	68	21	9.80	0.05	56	2.60	578	<1	0.40	73	0.99	4	4	237	<1	0.07	<1	223	<1	33
00-1V-75	<0.5	1.44	<1	<1	14	71	<1	2.84	2	78	46	12	8.83	0.05	49	2.48	657	2	0.34	65	0.95	4	2	219	<1	0.18	<1	195	<1	29
00-1S-21.5	<0.5	1.96	<1	<1	15	75	<1	3.35	2	79	77	15	8.85	0.06	50	2.03	532	<1	0.50	68	0.91	2	3	268	<1	0.08	<1	193	<1	28
00-1S-36	<0.5	2.77	<1	<1	17	119	<1	3.38	2	74	36	16	8.21	0.11	49	2.15	464	1	0.46	60	0.89	8	4	374	<1	0.19	<1	164	1	29
00-1S-45.2	<0.5	1.50	<1	<1	15	69	1	2.89	2	85	45	13	8.65	0.05	45	2.56	646	<1	0.34	69	0.87	2	3	196	<1	0.16	<1	157	<1	28
00-1S-58	<0.5	1.32	<1	<1	12	66	<1	3.20	2	83	52	15	8.83	0.04	53	2.65	676	1	0.30	66	0.99	<1	3	235	<1	0.16	<1	171	1	29
00-1S-68	<0.5	2.86	<1	<1	19	118	<1	2.87	2	56	42	13	5.06	0.10	39	1.59	384	1	0.54	43	0.68	9	3	504	<1	0.15	<1	100	1	19
00-1S-71.5	<0.5	1.38	<1	<1	13	67	<1	3.15	2	77	52	20	9.11	0.05	51	2.50	692	1	0.38	67	0.93	<1	4	207	<1	0.16	<1	186	1	26
00-1S-91.5	<0.5	1.90	<1	<1	17	68	<1	2.76	2	60	37	13	5.76	0.05	39	1.93	482	<1	0.44	48	0.74	6	3	265	<1	0.16	<1	118	<1	29
00-1S-103	<0.5	2.07	<1	<1	15	80	<1	2.95	2	79	14	13	6.61	0.06	43	2.95	445	<1	0.30	63	0.90	5	4	254	<1	0.14	<1	137	<1	26
MD	<0.5	0.03	1	<1	47	<1	3	13.48	<1	1	<1	1	0.13	<0.01	23	0.45	40	<1	0.01	3	0.01	5	<1	158	<1	0.01	<1	2	1	2
ML	<0.5	0.02	1	<1	33	<1	<1	13.73	<1	<1	<1	1	0.06	<0.01	24	0.13	32	<1	0.01	2	<0.01	2	<1	99	<1	<0.01	<1	1	1	2
MM	<0.5	0.01	2	<1	34	<1	<1	13.50	<1	<1	<1	<1	0.05	<0.01	22	0.12	38	<1	0.01	2	<0.01	3	<1	79	<1	<0.01	<1	<1	1	2
00-1S-91.5R	<0.5	1.88	4	<1	19	68	<1	2.73	2	60	31	15	6.05	0.05	39	1.88	499	<1	0.45	49	0.73	7	3	259	<1	0.19	<1	115	1	33
STD	1.9	4.46	109	<1	20	54	3	1.78	3	50	93	87	5.45	0.17	33	1.54	865	6	0.45	211	0.04	106	36	78	<1	0.16	<1	109	1	133

"R" Denotes sample analyzed in duplicate.

0.500 Gram sample is digested with Aqua Regia at 95 C for one hour and bulked to 10 ml with distilled water.

Partial dissolution for Al, B, Ba, Ca, Cr, Fe, K, La, Mg, Mn, Na, P, Sr, Ti, and W.

Certified by:



Loring Laboratories Ltd.

629 Beaverdam Road N.E.,
Calgary Alberta T2K 4W7
Tel: 274-2777 Fax: 275-0541



TO: 26 BT RESOURCE CO., LTD
Suite 200, 5920 McLeod Trail S.W.,
Calgary, Alberta
T2H 0K2

FILE: 43397

DATE: October 31, 2000

Attn: Sudhir Jain

WHOLE ROCK ANALYSIS BY ICP

Sample No.	Al ₂ O ₃ %	Ba ppm	CaO %	Cr ppm	Fe ₂ O ₃ %	K ₂ O %	MgO %	MnO %	Na ₂ O %	Ni ppm	P ₂ O ₅ %	SO ₃ %	SiO ₂ %	Sr ppm	TiO ₂ %	V ₂ O ₅ %	LOI %	SUM %
00-15 60	8.53	177	12.47	88	26.47	0.13	7.84	0.27	1.37	38	2.848	0.21	28.65	674	6.38	0.06	0.5	95.73
00-15 69.6	9.22	180	11.38	44	25.34	0.10	7.94	0.27	1.54	178	3.431	0.34	28.59	762	6.80	0.07	<0.01	95.02
00-15 77	12.00	226	11.74	84	21.84	0.13	6.86	0.22	2.07	41	2.734	0.38	33.52	954	5.14	0.05	<0.01	95.62
00-15 98.3	12.39	241	11.53	113	19.11	0.17	6.55	0.22	2.22	56	2.532	0.33	34.53	1010	4.69	0.04	<0.01	93.41
00-15 119	13.18	231	11.87	51	19.99	0.15	7.07	0.23	2.25	40	2.712	0.32	32.94	974	5.35	0.05	<0.01	96.23
00-15 133.1	14.84	221	11.37	51	19.01	0.17	7.36	0.18	2.76	22	2.053	0.29	33.01	1031	3.88	0.04	3.18	98.24
00-15 140.3	13.72	251	11.02	143	18.91	0.17	7.33	0.19	2.41	90	2.420	0.34	33.50	1113	4.40	0.04	<0.01	94.56
00-15 147.8	14.61	263	11.00	69	17.82	0.17	6.92	0.18	2.50	66	2.206	0.25	33.30	1158	4.15	0.04	0.64	93.54
00-15 153	17.66	280	12.06	84	14.71	0.20	3.88	0.16	3.09	30	2.140	0.27	38.70	1274	3.95	0.03	1.81	98.81
00-15 158	13.81	268	11.31	4	16.14	0.16	5.67	0.19	2.50	22	2.293	0.35	37.35	1159	4.51	0.04	<0.01	94.44
00-15 161	13.42	257	11.95	117	17.31	0.21	6.37	0.18	2.64	28	2.229	0.33	33.11	1093	4.26	0.04	0.66	93.82
00-15 164.9	12.57	251	11.28	62	19.01	0.18	7.20	0.23	2.12	24	2.473	0.36	33.87	930	5.13	0.04	0.08	94.54
00-15 174.3	11.86	195	11.02	60	21.10	0.13	7.70	0.25	1.68	31	2.613	0.32	32.52	814	4.66	0.05	1.96	95.66
00-15 177	11.98	214	12.01	26	21.45	0.14	7.43	0.24	1.98	31	2.607	0.21	32.69	956	4.74	0.05	<0.01	93.63
00-15 182.5	11.56	209	11.80	121	21.57	0.15	7.64	0.26	1.90	43	2.546	0.27	29.76	932	5.06	0.05	<0.01	92.57
00-15 193	14.73	296	12.79	69	17.54	0.22	6.20	0.21	2.42	57	2.312	0.34	32.72	1233	3.46	0.04	<0.01	93.1
00-15 200	9.97	285	12.35	<1	25.19	0.25	8.11	0.28	1.48	33	2.884	0.35	27.50	750	5.43	0.06	2.55	96.51
00-15 208.5	8.56	162	12.33	52	26.29	0.13	8.96	0.30	1.28	44	2.970	0.29	26.07	715	5.32	0.06	<0.01	92.56
00-15 236	15.76	324	13.38	103	16.30	0.27	4.87	0.18	2.50	38	2.262	0.34	32.64	1407	3.69	0.04	0.65	93.02
00-15 245	9.94	199	13.22	14	26.77	0.15	8.71	0.30	1.43	39	3.270	0.39	26.97	880	5.99	0.06	0.36	97.67



Loring Laboratories Ltd.

629 Beaverdam Road N.E.,
Calgary Alberta T2K 4W7
Tel: 274-2777 Fax: 275-0541



TO: 26 BT RESOURCE CO., LTD
Suite 200, 5920 McLeod Trail S.W.,
Calgary, Alberta
T2H 0K2

FILE: 43397

DATE: October 31, 2000

Attn: Sudhir Jain

WHOLE ROCK ANALYSIS BY ICP

Sample No.	Al ₂ O ₃ %	Ba ppm	CaO %	Cr ppm	Fe ₂ O ₃ %	K ₂ O %	MgO %	MnO %	Na ₂ O %	Ni ppm	P ₂ O ₅ %	SO ₃ %	SiO ₂ %	Sr ppm	TiO ₂ %	V ₂ O ₅ %	LOI %	SUM %
00-15 249	9.45	213	12.44	17	27.55	0.14	8.73	0.30	1.37	39	3.132	0.26	26.13	814	6.02	0.06	0.09	95.77
00-15 252	10.61	170	13.28	55	25.25	0.12	8.43	0.28	1.34	32	3.184	0.27	27.07	791	5.47	0.06	<0.01	95.44
00-15 258.3	8.80	177	13.07	34	28.53	0.13	9.59	0.33	1.31	51	3.346	0.29	26.72	767	5.45	0.07	<0.01	97.72
00-15 277	15.38	316	14.24	46	17.87	0.19	5.73	0.20	2.46	25	2.441	0.26	33.03	1394	3.83	0.04	<0.01	95.81
00-15 283	7.69	183	13.15	11	30.34	0.11	10.41	0.35	1.14	33	3.401	0.35	25.62	706	6.49	0.08	<0.01	99.22
00-15 291.8	7.31	148	12.71	17	31.48	0.10	9.95	0.34	1.05	54	3.592	0.31	23.63	667	6.76	0.07	<0.01	97.38
00-1V-46	13.18	283	14.54	60	19.01	0.20	5.73	0.21	2.10	45	2.532	0.27	31.25	1171	4.37	0.04	0.16	93.71
00-1V-67.2	9.95	259	14.38	<1	22.88	0.28	7.66	0.34	1.88	78	3.084	0.18	29.68	741	5.38	0.05	1.82	97.65
00-1V-87.2	13.56	325	13.65	69	21.14	0.19	6.17	0.24	1.96	106	2.787	0.19	30.73	1416	4.35	0.05	1.82	97.02
00-1V-103	13.80	358	15.05	23	18.40	0.21	5.52	0.20	2.24	43	2.326	0.39	32.17	1318	4.35	0.06	0.41	95.29
00-1V-126	12.63	288	15.50	66	20.06	0.17	6.09	0.22	2.02	38	2.549	0.38	31.34	1185	4.70	0.06	<0.01	95.87
00-1V-136	12.87	319	14.90	32	19.70	0.18	5.62	0.22	2.12	37	2.485	0.38	31.34	1222	4.40	0.06	<0.01	94.43
00-1V-168.7	12.31	338	14.09	40	22.17	0.18	6.73	0.26	1.90	31	2.700	0.37	30.64	1169	4.83	0.06	0.39	96.78
00-1V-174.3	15.16	406	14.68	29	17.42	0.19	5.01	0.19	2.52	20	2.153	0.32	34.13	1461	3.49	0.04	<0.01	95.49
00-1V-205.5	14.35	425	14.42	<1	18.64	0.22	5.21	0.22	2.24	20	2.538	0.33	31.85	1263	4.21	0.04	1.14	95.54
00-1V-230	15.56	437	14.51	48	17.68	0.19	5.16	0.20	2.50	60	2.246	0.32	34.42	1430	3.52	0.04	<0.01	96.53
00-1V-248	14.76	495	14.27	66	17.85	0.24	4.99	0.20	2.39	45	2.503	0.37	33.44	1405	3.71	0.05	2.08	97.04
00-1V-267	15.96	475	15.01	57	17.72	0.21	4.94	0.20	2.44	52	2.255	0.35	34.95	1491	3.86	0.05	1.36	99.54
00-1V-295.5	15.31	614	15.18	43	16.60	0.19	4.98	0.20	2.50	25	2.559	0.38	34.26	1461	3.62	0.05	0.55	96.59
00-15 60R	8.46	216	12.36	86	25.59	0.13	7.68	0.28	1.19	72	2.994	0.19	27.95	745	6.69	0.05	0.50	94.15

0.2g sample fused with lithium metaborate and dissolved in 5% HNO₃.

Certified by: 



Loring Laboratories Ltd.

629 Beaverdam Road N.E.,
Calgary Alberta T2K 4W7
Tel: 274-2777 Fax: 275-0541



TO: 26 BT RESOURCE CO., LTD
Suite 200, 5920 McLeod Trail S.W.,
Calgary, Alberta
T2H 0K2

FILE: 44126

DATE: August 29, 2001

Attn: Sudhir Jain

32 ELEMENT ICP ANALYSIS

Sample No.	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm
S-101	<0.5	1.72	<1	<1	36	131	<1	<1	2.23	1	84	101	<1	6.79	0.11	50	0.70	514	2	0.25	130	0.32	28	4	<1	164	116	0.64	<1	252	<1	57
S-102	<0.5	2.45	<1	<1	42	101	<1	<1	2.64	2	119	104	<1	10.35	0.17	57	1.14	915	2	0.17	175	0.39	34	7	<1	391	<1	0.58	<1	224	<1	79
S-103	<0.5	2.19	<1	<1	38	122	<1	<1	1.90	2	110	91	<1	8.68	0.10	47	0.77	583	<1	0.24	159	0.34	31	7	<1	171	6	0.38	<1	332	<1	61
S-104	<0.5	1.79	<1	<1	44	99	<1	<1	1.78	4	160	85	<1	12.22	0.08	48	0.83	533	<1	0.20	213	0.24	179	6	<1	140	95	0.59	<1	510	<1	110
S-105	<0.5	2.08	<1	<1	35	139	<1	<1	1.88	2	91	59	6	6.99	0.11	35	0.83	461	<1	0.23	141	0.28	113	6	<1	172	46	0.44	<1	239	<1	69
S-108	<0.5	1.91	<1	<1	41	108	<1	<1	1.94	2	156	90	<1	12.00	0.10	49	1.09	564	<1	0.23	209	0.24	46	7	<1	161	139	0.63	<1	483	<1	58
S-107	<0.5	1.72	<1	<1	41	103	<1	<1	1.78	2	142	70	<1	10.62	0.09	44	0.78	506	<1	0.22	190	0.24	86	7	<1	144	103	0.56	<1	424	<1	65
S-108	<0.5	2.25	<1	<1	38	91	<1	<1	1.92	2	112	147	<1	8.94	0.09	42	0.80	600	1	0.31	168	0.16	52	5	<1	184	95	0.75	<1	385	<1	68
S-109	<0.5	1.97	<1	<1	35	152	<1	<1	2.04	2	102	96	1	7.95	0.10	43	0.87	486	2	0.26	149	0.22	41	5	<1	183	126	0.57	<1	303	<1	48
S-110	<0.5	1.83	<1	<1	38	108	<1	<1	1.93	2	108	77	<1	8.42	0.09	44	0.80	500	<1	0.23	162	0.25	33	6	<1	153	115	0.54	<1	323	<1	56
S-111	<0.5	2.27	<1	<1	38	143	<1	<1	2.35	2	113	128	<1	8.85	0.12	46	0.88	568	1	0.32	166	0.28	44	7	<1	205	70	0.58	<1	311	<1	54
S-112	<0.5	2.02	<1	<1	37	116	<1	<1	1.88	2	110	103	<1	8.53	0.09	42	0.82	516	1	0.26	165	0.21	38	6	<1	155	55	0.54	<1	336	<1	56
S-113	<0.5	2.43	<1	<1	37	148	<1	<1	2.51	2	101	196	<1	7.93	0.15	45	1.13	699	2	0.36	155	0.20	36	7	<1	201	48	0.80	<1	295	<1	66
S-114	<0.5	1.81	<1	<1	34	107	<1	<1	1.82	1	84	91	<1	6.50	0.09	37	0.68	451	1	0.25	129	0.22	31	4	<1	148	30	0.54	<1	252	<1	56
S-115	<0.5	3.06	<1	<1	48	478	<1	<1	1.45	2	92	158	5	6.85	0.68	44	1.70	926	2	0.19	149	0.12	50	5	<1	128	19	0.44	<1	215	<1	105
S-116	<0.5	1.82	<1	<1	47	299	<1	<1	1.24	2	155	120	<1	11.26	0.29	42	0.79	683	<1	0.13	215	0.13	35	7	<1	100	104	0.68	<1	499	<1	78
S-117	<0.5	1.65	<1	<1	45	110	<1	<1	1.92	2	161	84	<1	12.26	0.13	51	0.84	604	<1	0.20	218	0.21	29	7	<1	131	164	0.61	<1	462	<1	59
S-118	<0.5	2.05	<1	<1	39	125	<1	<1	2.25	2	114	111	<1	8.91	0.14	45	1.15	539	<1	0.29	173	0.21	67	5	<1	188	137	0.59	<1	319	<1	53
S-119	<0.5	1.52	<1	<1	43	70	<1	<1	1.73	2	160	65	<1	12.29	0.09	51	0.80	542	<1	0.16	216	0.23	27	6	<1	119	139	0.60	<1	457	<1	57
S-120	<0.5	1.44	<1	<1	47	72	<1	1	1.70	3	192	74	<1	15.95	0.08	56	0.81	593	<1	0.17	253	0.21	27	8	<1	115	225	0.68	<1	580	<1	62

APPENDIX 4



Loring Laboratories Ltd.

629 Beaverdam Road N.E.,
Calgary Alberta T2K 4W7
Tel: 274-2777 Fax: 275-0541



TO: 26 BT RESOURCE CO., LTD
Suite 200, 5920 McLeod Trail S.W.,
Calgary, Alberta
T2H 0K2

FILE: 44126

DATE: August 29, 2001

Attn: Sudhir Jain

32 ELEMENT ICP ANALYSIS

Sample No.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Th	Ti	U	V	W	Zn
	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
S-121	<0.5	1.46	<1	<1	49	69	<1	<1	1.86	3	205	86	<1	17.62	0.09	59	0.83	637	<1	0.19	271	0.22	29	7	<1	129	267	0.73	<1	590	<1	62
S-122	<0.5	1.58	<1	<1	38	141	<1	<1	2.80	2	105	56	<1	8.21	0.10	43	1.43	472	<1	0.13	181	0.16	31	6	<1	115	114	0.51	<1	309	<1	45
S-123	<0.5	1.58	<1	<1	38	189	<1	<1	3.93	1	80	63	2	6.24	0.12	49	1.98	469	<1	0.13	128	0.17	32	7	<1	131	81	0.45	<1	217	<1	39
S-124	<0.5	1.47	<1	<1	36	205	<1	<1	4.06	1	82	62	2	6.42	0.11	48	2.02	444	<1	0.13	131	0.19	30	4	<1	131	94	0.46	<1	228	<1	38
S-125	<0.5	2.10	<1	<1	38	114	<1	<1	1.84	1	90	70	6	6.71	0.17	42	1.13	522	<1	0.17	142	0.18	34	5	<1	130	75	0.44	<1	232	<1	46
S-126	<0.5	2.21	<1	<1	39	110	<1	<1	2.13	2	102	114	<1	7.65	0.13	43	0.85	593	2	0.26	154	0.20	34	6	<1	187	99	0.62	<1	282	<1	52
S-127	<0.5	1.86	<1	<1	42	134	<1	<1	2.03	2	127	79	<1	10.08	0.13	48	0.89	544	<1	0.22	194	0.22	32	6	<1	165	154	0.59	<1	344	<1	52
S-128	<0.5	1.16	<1	<1	53	85	<1	<1	1.45	3	239	66	<1	20.59	0.07	61	0.70	662	<1	0.14	316	0.20	26	10	<1	91	303	0.77	<1	751	<1	68
S-129	<0.5	1.40	<1	<1	51	152	<1	<1	1.45	3	213	87	<1	17.42	0.09	50	0.80	678	<1	0.16	277	0.18	28	9	<1	95	255	0.82	<1	726	<1	76
S-130	<0.5	1.71	<1	<1	40	840	<1	<1	2.90	2	104	76	<1	8.23	0.12	49	1.45	528	<1	0.17	158	0.17	33	6	<1	156	200	0.63	<1	311	<1	46
R-251	<0.5	3.21	<1	<1	39	103	<1	<1	3.29	1	73	223	47	4.60	0.25	46	2.66	503	<1	0.33	237	0.17	47	9	<1	115	556	0.66	<1	109	<1	51
R-252	<0.5	2.66	<1	<1	35	44	<1	2	2.30	1	125	38	110	6.52	0.17	38	0.85	270	2	0.13	386	0.24	36	4	<1	120	195	0.44	<1	86	<1	30
R-253	<0.5	2.30	<1	<1	36	122	<1	<1	3.32	1	73	37	<1	5.90	0.23	69	0.84	382	1	0.49	111	0.75	32	5	<1	445	<1	0.39	<1	86	<1	42
R-254	<0.5	2.97	<1	<1	34	139	<1	<1	2.49	1	90	132	47	5.38	0.17	32	1.78	396	<1	0.14	170	0.04	36	6	<1	199	200	0.65	<1	218	<1	32
R-255	<0.5	2.68	<1	<1	38	160	<1	<1	3.45	1	104	<1	5	7.27	0.28	46	1.36	321	<1	0.15	141	0.62	35	7	<1	331	<1	0.42	<1	219	<1	44
R-256	<0.5	6.90	<1	<1	31	274	<1	<1	4.55	1	78	56	39	5.00	0.23	40	0.71	313	1	0.95	122	0.06	64	8	<1	594	<1	0.52	<1	178	<1	36
R-257	<0.5	2.50	<1	<1	23	136	<1	<1	4.78	<1	8	77	<1	1.27	0.14	33	2.50	237	<1	0.14	32	0.01	31	4	<1	142	765	0.21	<1	8	<1	13
R-251-R	<0.5	3.38	<1	<1	38	106	<1	<1	3.41	1	76	234	48	4.78	0.26	49	2.76	509	<1	0.35	244	0.18	48	7	<1	120	604	0.70	<1	114	<1	53

"R" Denotes sample analyzed in duplicate.

0.500 Gram sample is digested with Aqua Regia at 95 C for one hour and bulked to 10 ml with distilled water.

Partial dissolution for Al, B, Ba, Ca, Cr, Fe, K, La, Mg, Mn, Na, P, Sr, Ti, and W.

Certified by:



Loring Laboratories Ltd.

629 Beaverdam Road N.E.,
Calgary Alberta T2K 4W7
Tel: 274-2777 Fax: 275-0541



TO: **26 BT RESOURCE CO., LTD**
Suite 200, 5920 McLeod Trail S.W.,
Calgary, Alberta
T2H 0K2

FILE: 44126

DATE: August 29, 2001

Attn: Sudhir Jain

PGM ANALYSIS

Sample No.	Au ppb	Pd ppb	Pt ppb	Rh ppb
S-101	365	<5	<5	<5
S-102	14	<5	<5	<5
S-103	<5	<5	<5	<5
S-104	400	<5	<5	<5
S-105	815	<5	<5	<5
S-106	200	<5	<5	<5
S-107	480	<5	<5	<5
S-108	158	<5	<5	<5
S-109	75	<5	<5	<5
S-110	130	<5	<5	<5
S-111	100	<5	<5	<5
S-112	25	<5	<5	<5
S-113	22	<5	<5	<5
S-114	>5	<5	<5	<5
S-115	42	<5	<5	<5
S-116	8	<5	<5	<5
S-117	83	<5	<5	<5
S-118	71	<5	<5	<5
S-119	23	<5	<5	<5
S-120	10	<5	<5	<5
S-121	14	<5	<5	<5
S-122	<5	<5	<5	<5
S-123	<5	<5	<5	<5
S-124	<5	<5	<5	<5
S-125	<5	<5	<5	<5
S-126	114	<5	<5	<5
S-127	30	<5	<5	<5
S-128	<5	<5	<5	<5
S-129	<5	<5	<5	<5
S-130	<5	<5	<5	<5
R-252	7	<5	<5	<5

Certified by: _____



Loring Laboratories Ltd.

629 Beaverdam Road N.E.,
Calgary Alberta T2K 4W7
Tel: 274-2777 Fax: 275-0541



TO: 26 BT RESOURCE CO., LTD
Suite 200, 5920 McLeod Trail S.W.,
Calgary, Alberta
T2H 0K2

FILE: 43837

DATE: May 9, 2001

Attn: Sudhir Jain

GEOCHEMICAL ANALYSIS

Sample No.	Au ppb	Cu ppm	Pb ppm	Zn ppm
R-23	<5	41	19	8
R-35	<5	2	14	40
R-36	<5	21	16	32
R-37	<5	54	15	23
R-38	<5	21	14	38
R-39	<5	7	9	29
R-40	<5	35	11	17

Certified by: *Gary Swaley*

STATEMENT OF COSTS

(October 3, 2000 to October 1, 2001)
BT 1 - 6 & 8

A. EXPLORATION COSTS

- Geological Field Trip	
August 11-15/01	\$ 2,927.00
August 12-16/01	1,191.52
September 27 - Oct. 1/01	7,664.85
- Technical Review	600.00
- Core Logging	<u>150.00</u>

TOTAL EXPLORATION EXPENSES **\$12,533.37**

B. SAMPLE ANALYSIS

- Loring Laboratories Ltd.	<u>\$ 2,872.75</u>
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TOTAL SAMPLE ANALYSIS EXPENSES **\$ 2,872.75**

TOTAL EXPENSES **\$15,406.12**

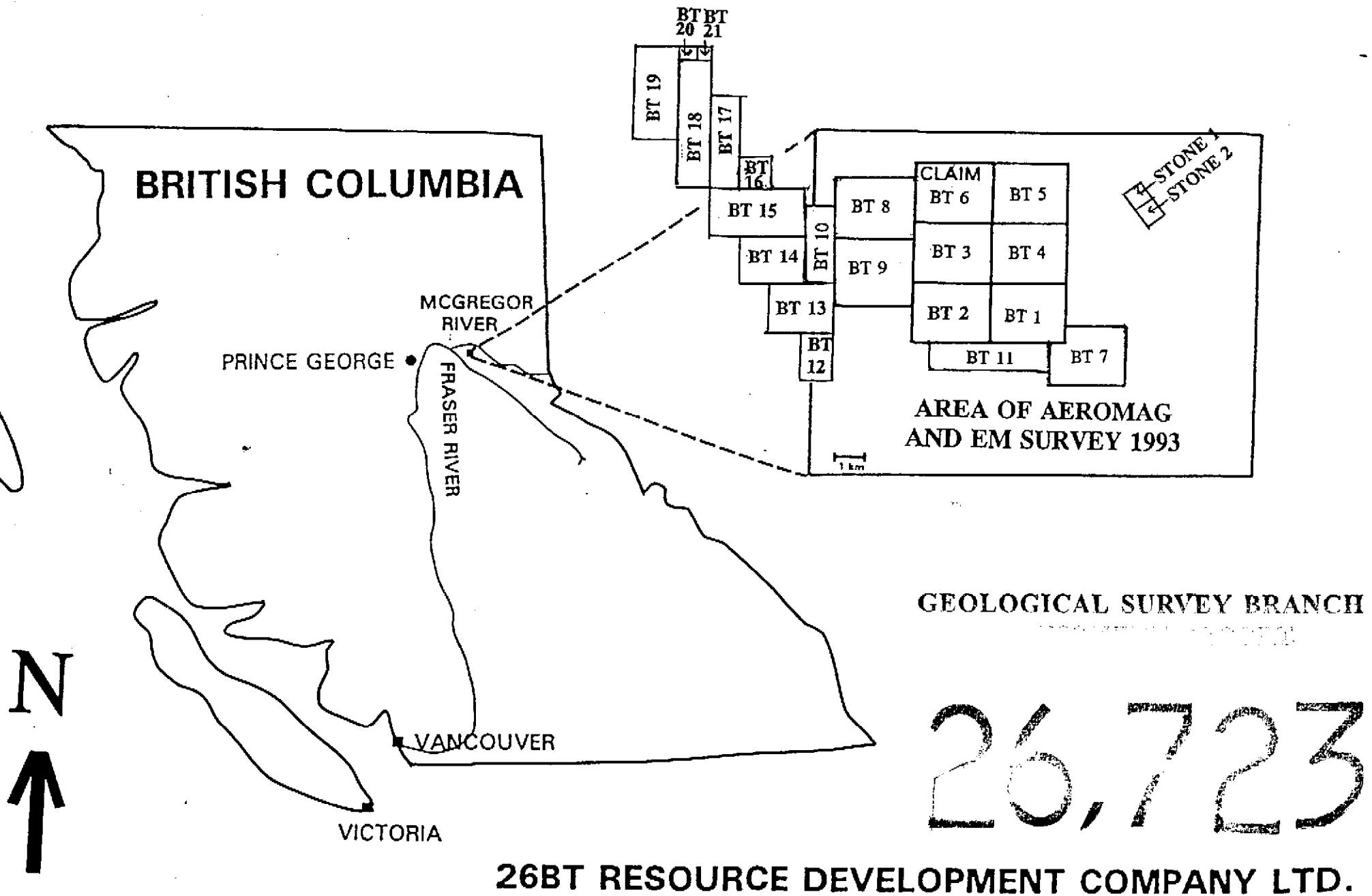


FIGURE 1
 AREA OF AEROMAG AND EM SURVEY 1993

CALGARY ALBERTA

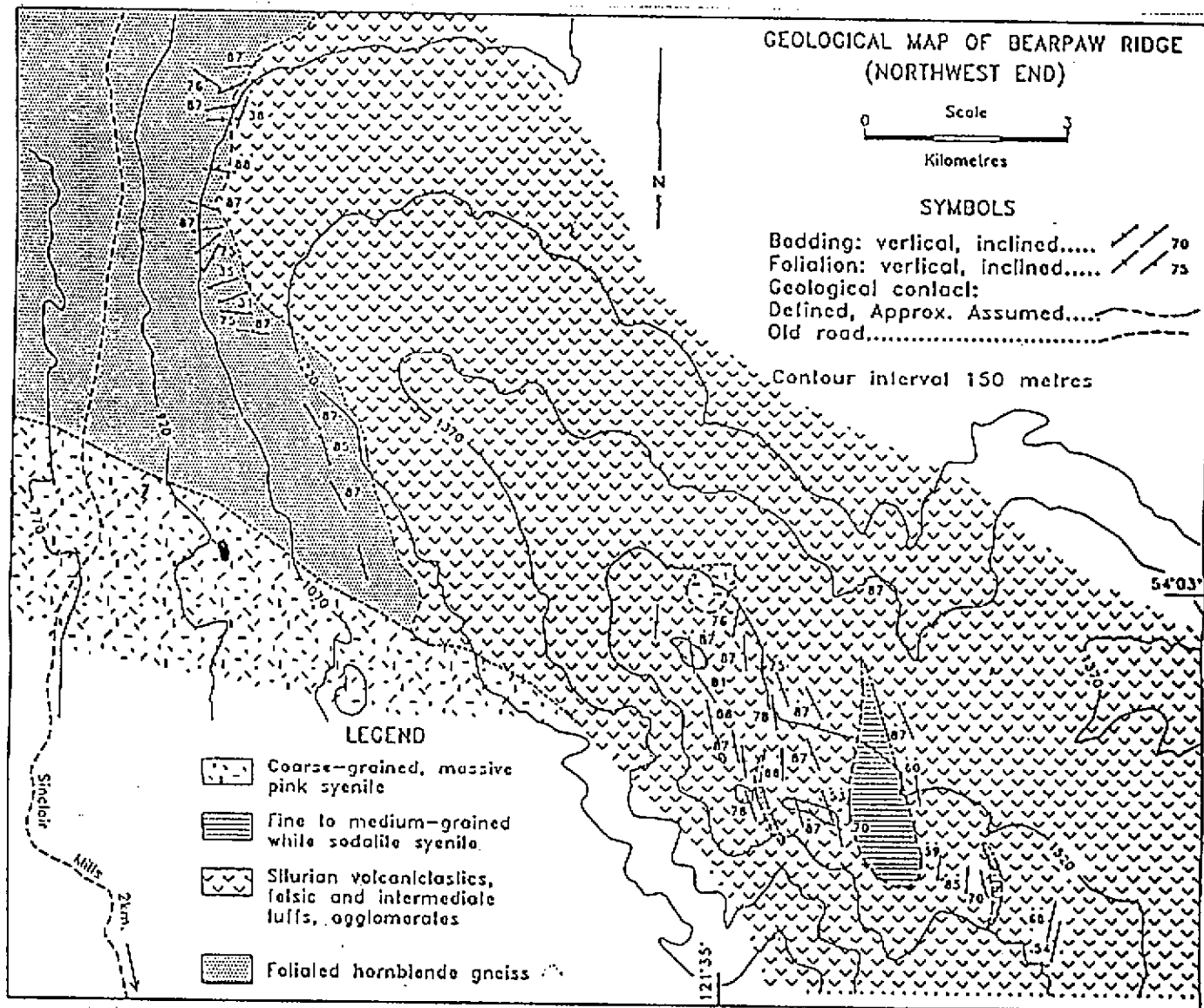
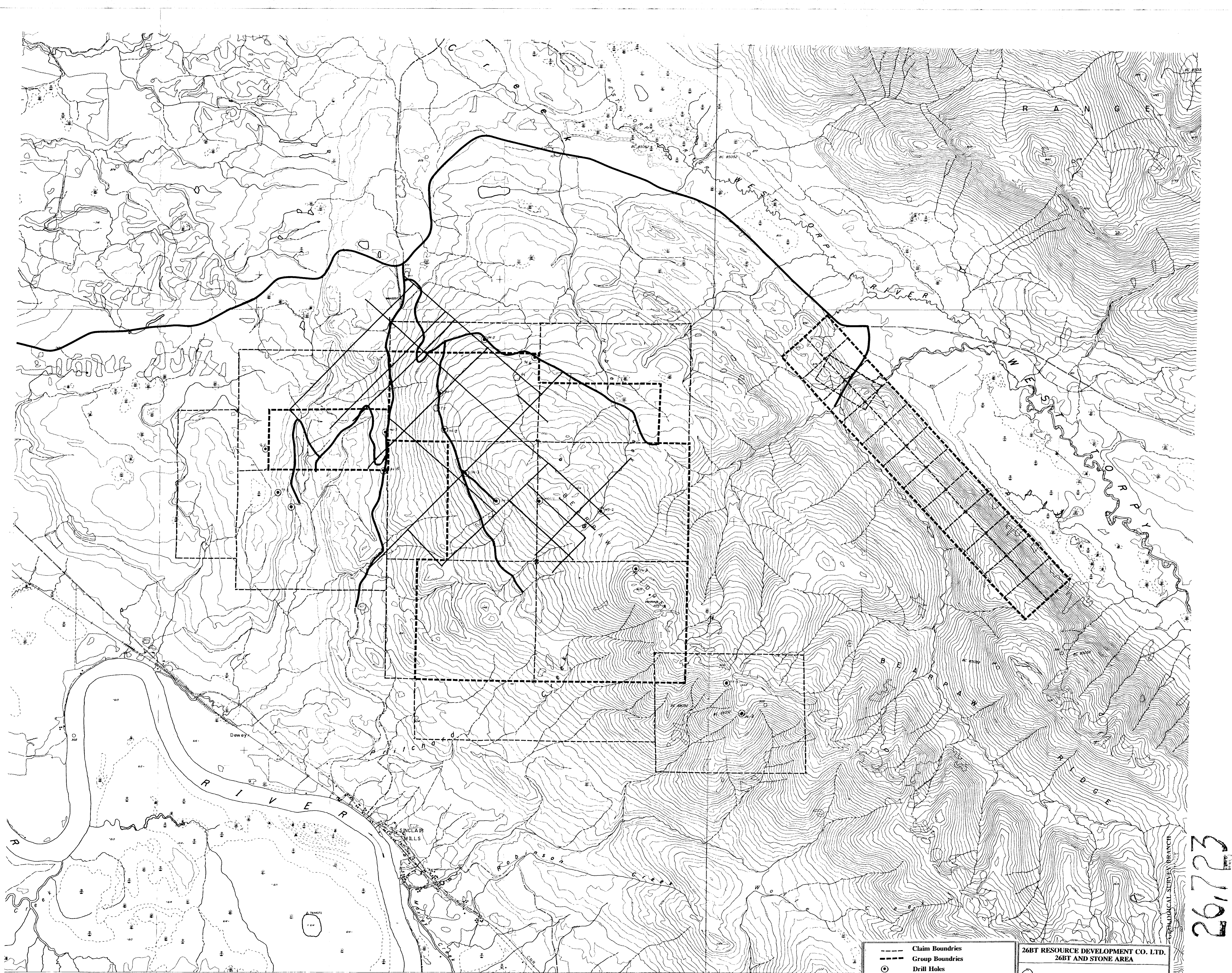


FIGURE 2
GEOLOGICAL MAP OF BEARPAW RIDGE
 GEOLOGICAL SURVEY BRANCH

20.723

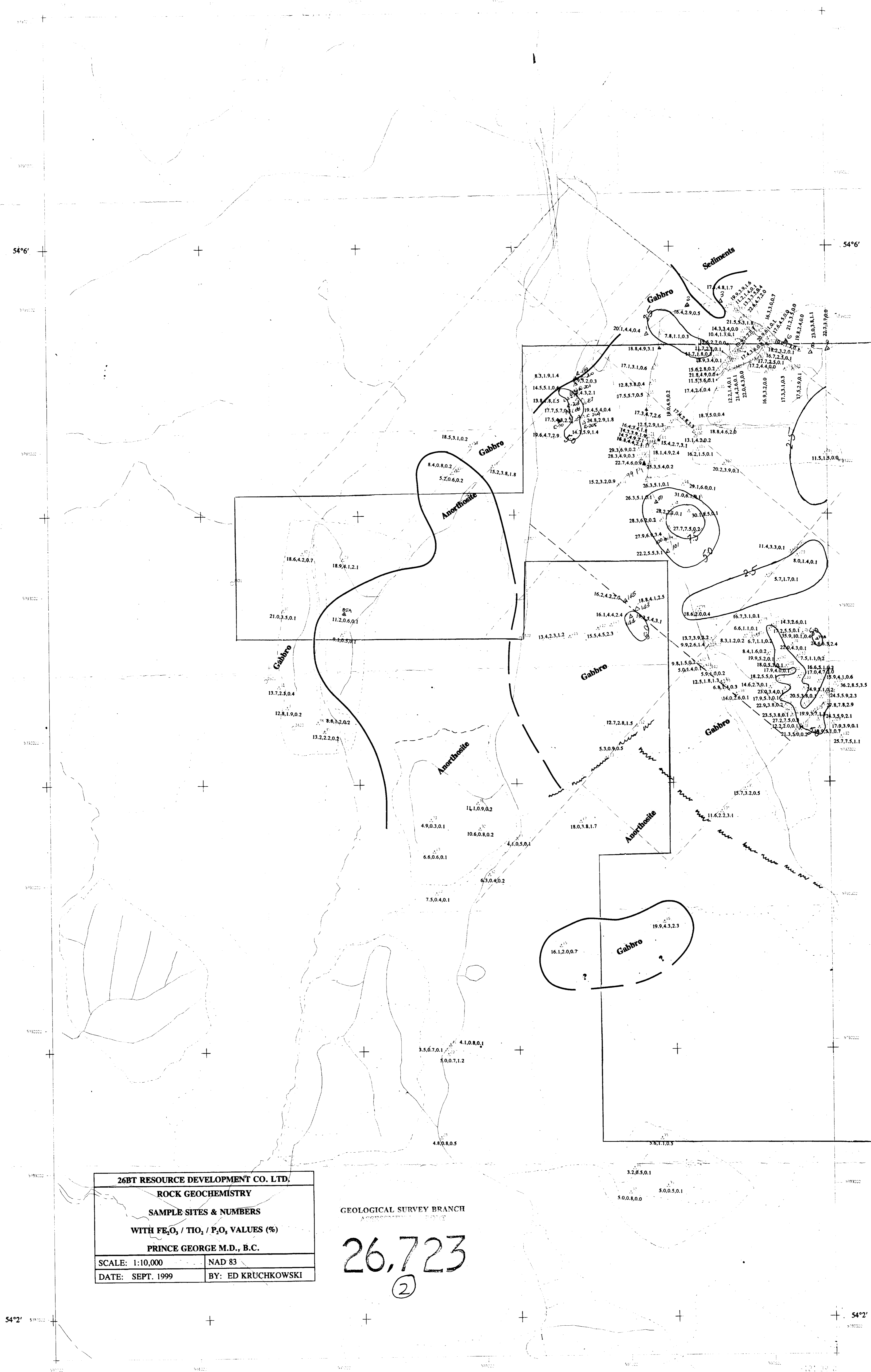


26723
 CRODICAL SURVEY BRANCH

	Claim Boundries
	Group Boundries
	Drill Holes
	Pits
	Access Trails
	Ground Magnetic Trails

26BT RESOURCE DEVELOPMENT CO. LTD.
 26BT AND STONE AREA
 ① PROPERTY COMPILATION MAP
 SEPTEMBER 19, 2001
 SCALE 1:20 000

FIGURE 3
LOCATION OF HOLES DRILLED

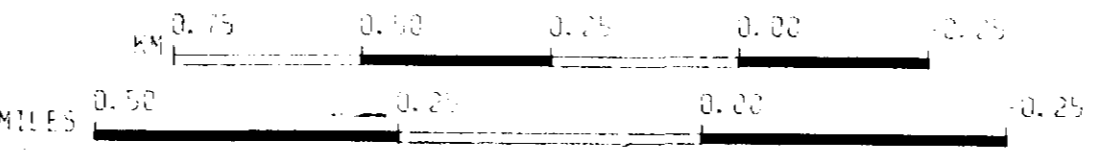


26BT RESOURCE DEVELOPMENT CO. LTD.
ROCK GEOCHEMISTRY
SAMPLE SITES & NUMBERS
WITH Fe_2O_3 / TiO_2 / F_2O_3 VALUES (%)
PRINCE GEORGE M.D., B.C.
 SCALE: 1:10,000 NAD 83
 DATE: SEPT. 1999 BY: ED KRUCHKOWSKI

GEOLOGICAL SURVEY BRANCH
 ANCHORAGE, ALASKA

26,723
 (2)

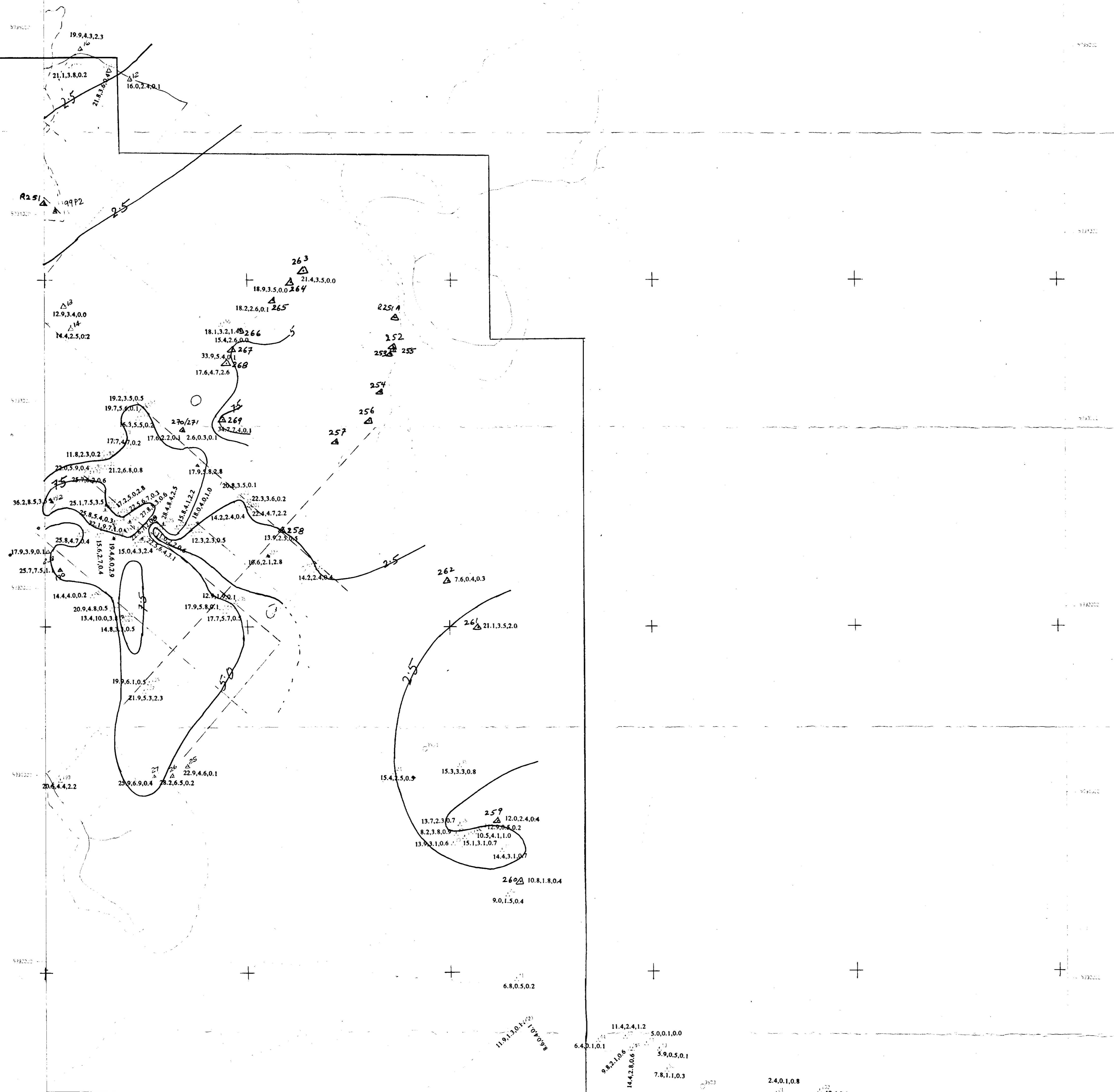
FIGURE 4
 TiO_2 CONTENT IN ROCK SAMPLES
C.I. = 2.5%



26BT ROCK Samples
 NAD-83 West

SCALE 1 TO 10000

54°6' + + + + + 54°6'



26BT RESOURCE DEVELOPMENT CO. LTD.
 ROCK GEOCHEMISTRY
 SAMPLE SITES & NUMBERS
 WITH Fe_2O_3 / TiO_2 / P_2O_5 VALUES (%)
 PRINCE GEORGE M.D., B.C.

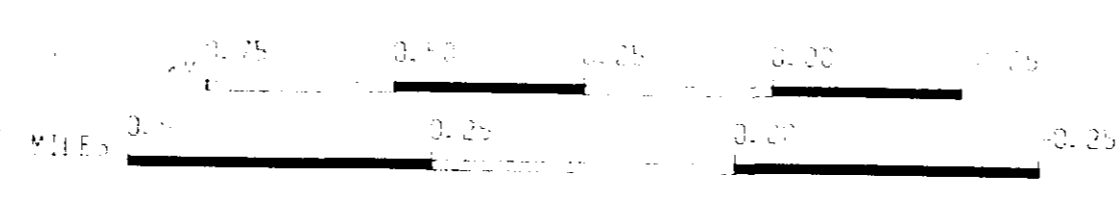
SCALE: 1:10,000	NAD 83
DATE: SEPT. 1999	BY: ED KRUCKKOWSKI

GEOLOGICAL SURVEY BRANCH
ASSESSMENT DIVISION

26,723
③

54°2' + + + + + 54°2'

FIGURE 4
TiO₂ CONTENT IN ROCK SAMPLES
C.I. = 2.5%



26BT Rock Samples
NAD-83 1:50,000

SCALE 1:10,000

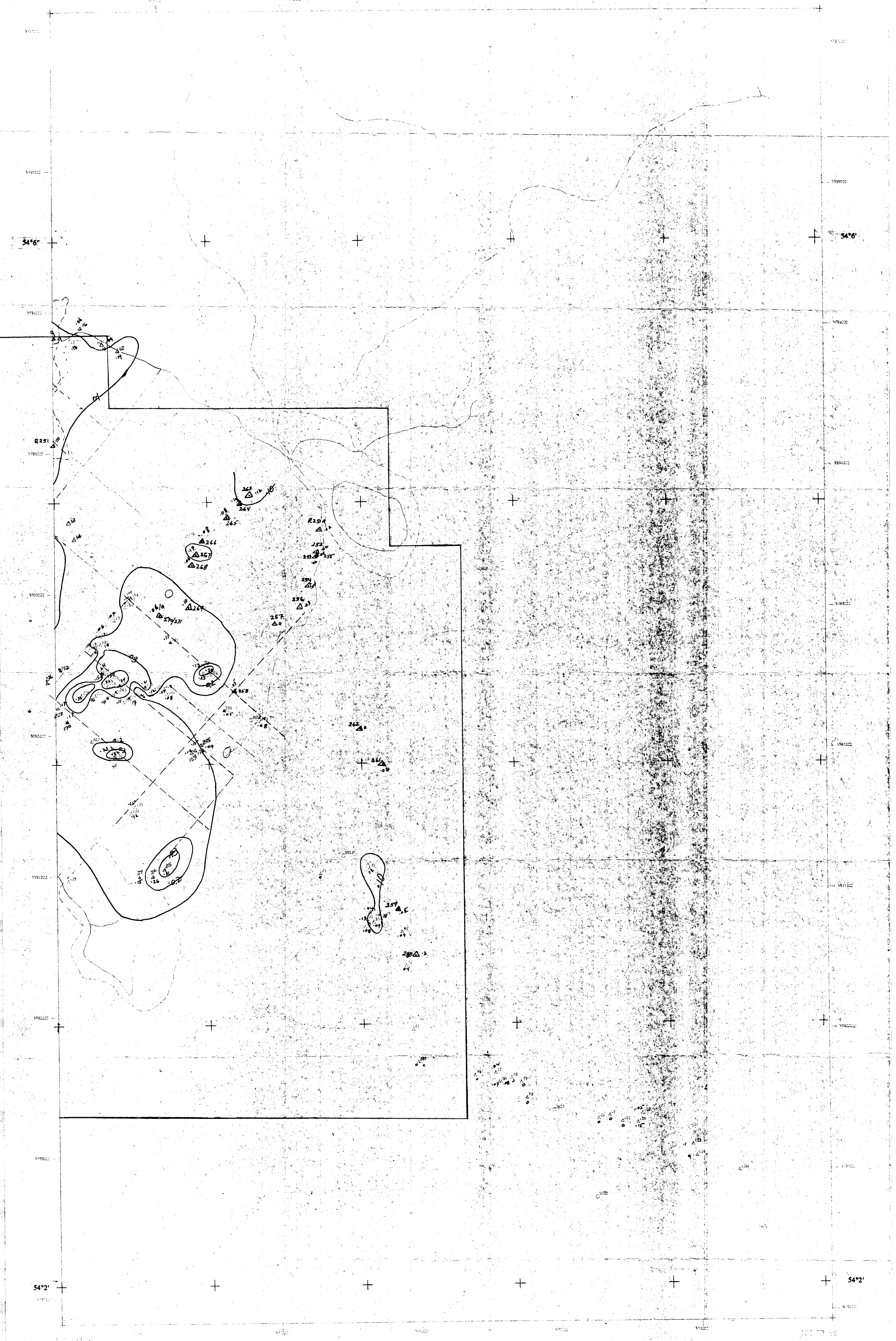
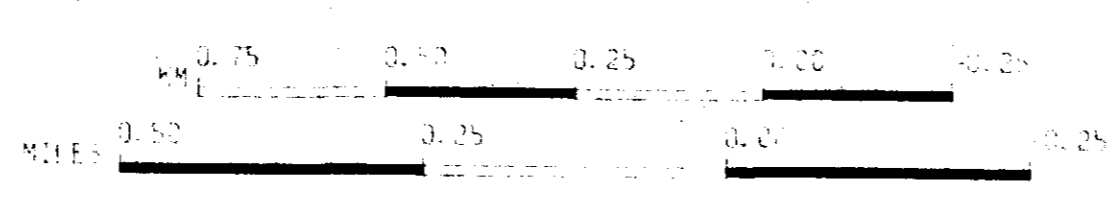


FIGURE 5
PERCENT V₂O₅ IN ROCK SAMPLES
C.I. = 0.1



GEOLOGICAL SURVEY BRANCH
 ASSESSMENT REPORT

26,723 ⑤