

LOG NO:	NOV 17 1994	RD.
ACTION:		
FILE NO:		

DIAMOND DRILL REPORT

ON THE

BABS CLAIM GROUP

LOCATED IN THE OMINECA MINING DIVISION

N.T.S.: 93L/16E & 93K/13W

LATITUDE: 54°51'N

LONGITUDE: 126°00'W

**SUB-RECORDER
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NOV 2 1994
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VANCOUVER, B.C.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

23,589

BY: R. KEMP
NORANDA EXPLORATION COMPANY, LIMITED
(No Personal Liability)

OCTOBER 1994

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1.0 LOCATION AND ACCESS

The Babs property is comprised of 19 mineral claims totalling 264 units located in the Omineca Mining Division on N.T.S. Map Sheet 93L/16E and 93K/13W. The property is located approximately 65 km northeast of Houston, in the Nechako Plateau physiographic region of west-central B.C. centered at 54° 51' North latitude and 126° 00' West longitude (Figure 1).

Access to the property is by well-maintained, paved road access north from the community of Topley, 30 km east of Houston on Highway 16, to the community of Michelle Bay on the west shore of Babine Lake. Barge service is available weekdays to Nose Bay located on the East shore of Babine Lake. From Nose Bay, well maintained logging road access to the property is provided by following the Nose Bay road to its junction with Pats Road at Kilometer 6, approximately 3 km south along Pats road is the centre of the Babs property.

2.0 TOPOGRAPHY AND PHYSIOGRAPHY

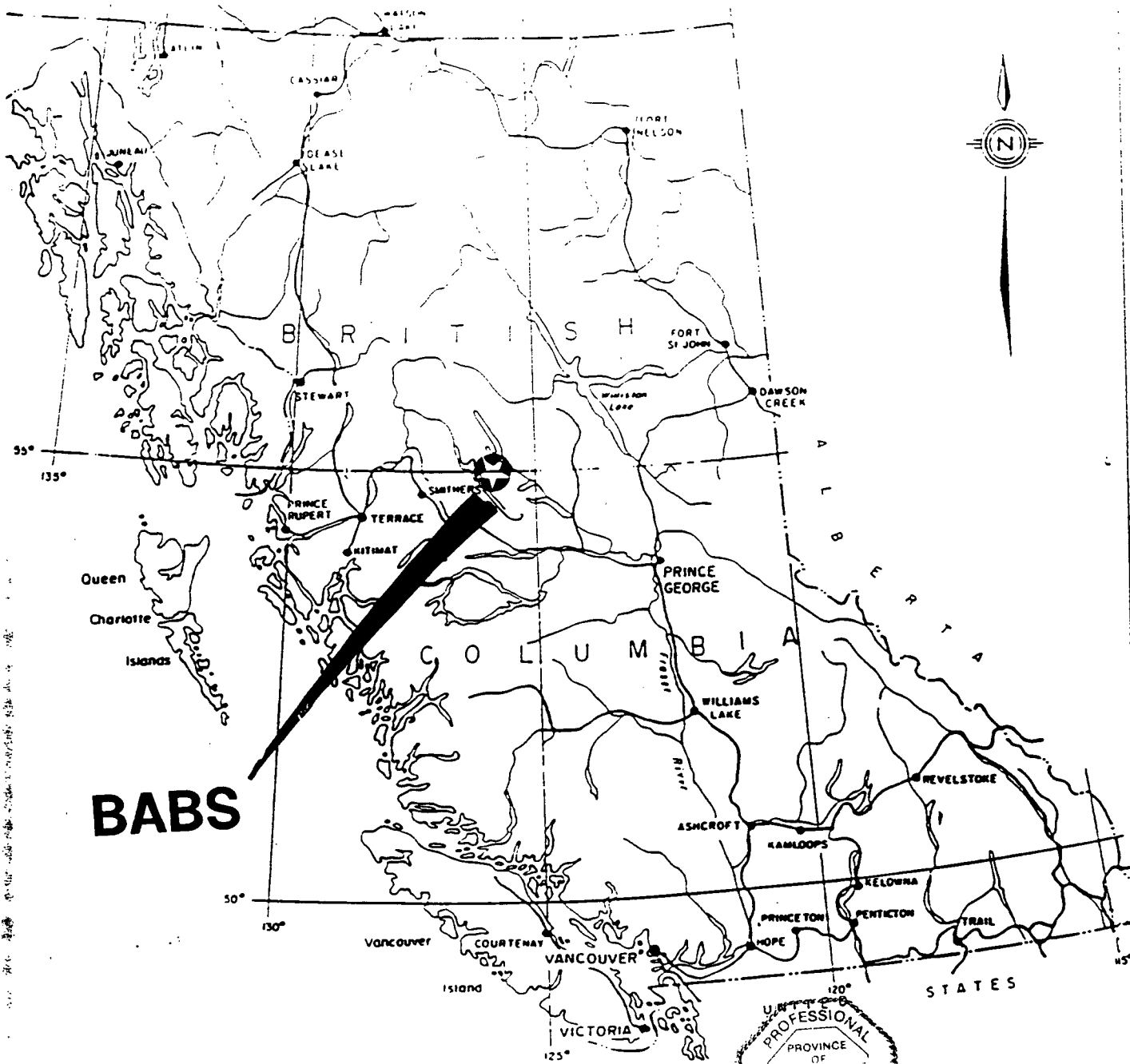
The Babs claim group covers gently rolling forested and clear cut terrain with elevations ranging from 712 m in the southwest to 1189 m to the northeast.

Outcrop is poorly exposed and masked by glacial till with best exposures along steep sided stream banks and ridge tops. Standing timber is dominated by mature spruce and some pine.

3.0 PREVIOUS WORK

In 1991 a float train of large angular biotite feldspar porphyry boulders was discovered by prospector, Ralph Keefe, hosting chalcopyrite mineralization grading up to 0.9% Cu, 1.3 gm Au. The staking of 11 mineral claims late in 1991 covered the boulder train and surrounding ground which was subsequently optioned to Equity Silver Mines Limited in early 1992.

In 1992 Equity Silver Mines emplaced a grid over the boulder train and immediate area completing soil geochemical, magnetic, induced polarization surveys and geological mapping. Approximately 25 test pits were excavated of which two were reported to have reached bedrock. Between November 3, 1992 and November 7, 1992 7 NQ diamond drill holes were completed to the east, west and south of the mineralized boulder train totalling 322 meters.



BABS



REVISED	
	LOCATION MAP.
	BABS CLAIMS.
PROJ No _____	SURVEY BY _____ DATE: <u>Sept 1974</u>
NTS. _____	DRAWN BY _____ SCALE _____
DWG. No. <u>/</u>	NORANDA EXPLORATION OFFICE: <u>VANCOUVER</u>

On July 3, 1993 Noranda Exploration Company, Limited entered into an option agreement on the Babs 1-11 claim group. Following a regional reconnaissance field program an additional 8 claims (Babs 12-19) were staked.

Between the period of December 8 to December 16, 1993 a two hole NQ drill programme totalling 200.6 m was completed at the southern limit and central portion of the mineralized Cu-Au BFP float train. Best results were intersected in NB93-08 returning 0.21% Cu over 10.4 m in argillically altered felsic quartz eye tuff/lapilli tuff.

From May 25 to June 21, 1994, a four-man field crew completed 40 km of magnetic and 23 km of IP geophysical surveys over 32 km of gridding. Soil geochemical and geological surveys were compiled at 1:10,000 scale.

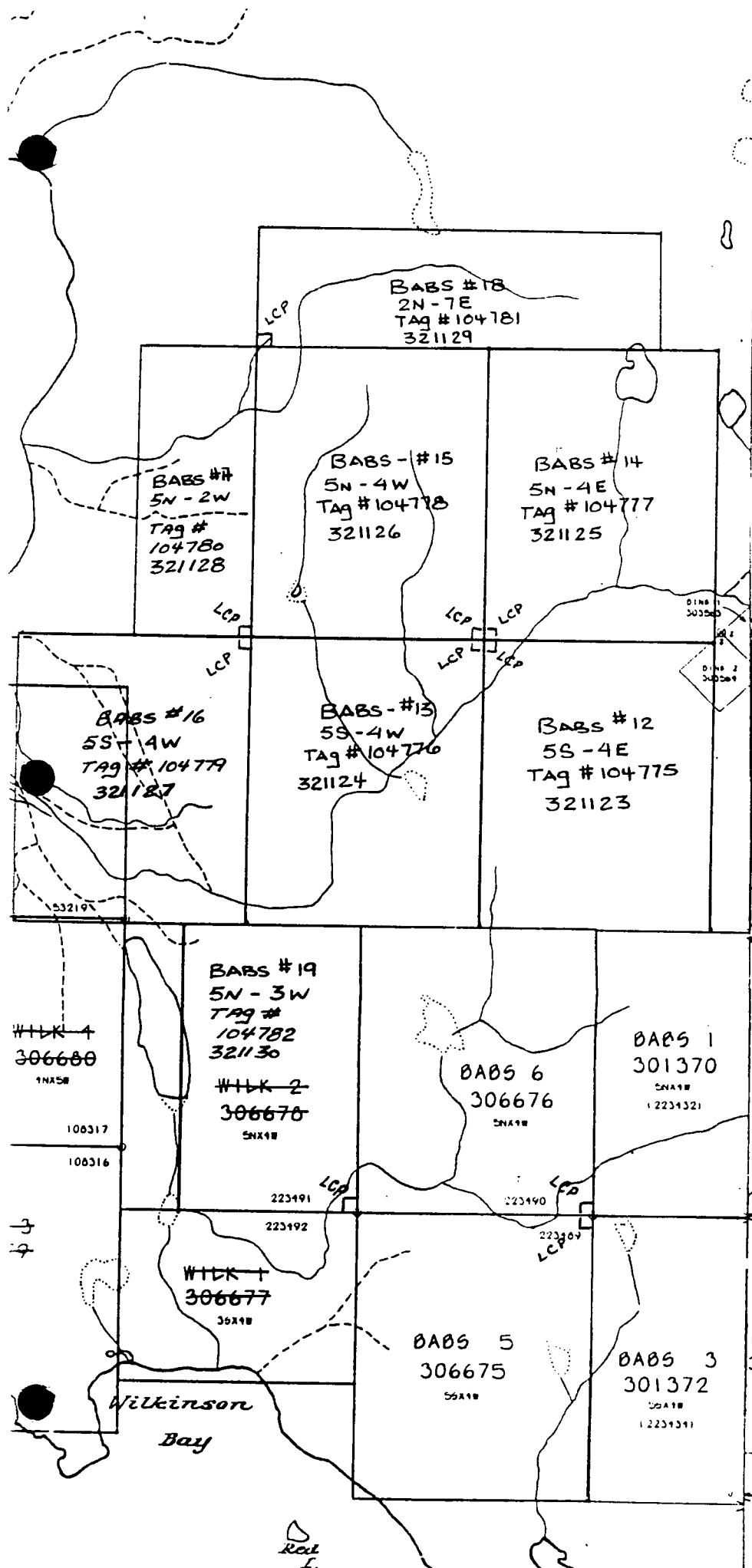
4.0 OWNER-OPERATOR

The Babs 1-19 claims are currently held under option in the name of Noranda Exploration Company, Limited (No Personal Liability) and Noranda is the operator of the property (Figure 2).

The following is a list of claims comprising the Babs claim group.

<u>CLAIM NAME</u>	<u>UNITS</u>	<u>RECORD NUMBER</u>	<u>EXPIRY DATE</u>
BABS-1	20	0301370	JUNE 26, 1999*
BABS-2	20	0301371	JUNE 26, 1999*
BABS-3	20	0301372	JUNE 26, 1999*
BABS-4	20	0301373	JUNE 26, 1998
BABS-5	20	0306675	NOVEMBER 27, 1998*
BABS-6	20	0306676	NOVEMBER 26, 1998*
BABS-7	1	0306659	DECEMBER 4, 1997
BABS-8	1	0306660	DECEMBER 4, 1997
BABS-9	1	0306661	DECEMBER 4, 1997
BABS-10	1	0306662	DECEMBER 4, 1997
BABS-11	1	0314850	NOVEMBER 25, 1997
BABS-12	20	0321123	SEPTEMBER 20, 1997
BABS-13	20	0321124	SEPTEMBER 20, 1996
BABS-14	20	0321125	SEPTEMBER 20, 1996
BABS-15	20	0321126	SEPTEMBER 20, 1996
BABS-16	20	0321127	SEPTEMBER 21, 1996
BABS-17	10	0321128	SEPTEMBER 21, 1996
BABS-18	14	0321129	SEPTEMBER 19, 1996
BABS-19	15	0321130	SEPTEMBER 23, 1996

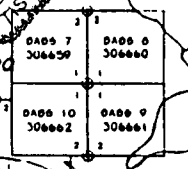
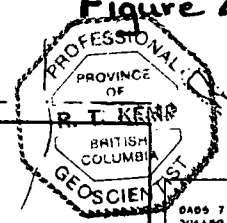
* Pending acceptance of this report.



BABS Claim Group.
 NTS 93L/16E & 93K/13W
 Omineca Mining Division

SCALE 1:50,000

Figure 2



Red I.

5.0 PROGRAM OBJECTIVES

Following the completion of ground IP and magnetic geophysical surveys; a two hole NQ diamond drill program was completed between July 16 to July 19, 1994 by Britton Bros. Diamond Drilling of Smithers, B.C. totalling 196.8 m.

Drill hole NB94-10 was collared to evaluate a coincident IP high and magnetic low geophysical signature in an area of elevated copper in soil geochemistry and proximal to an outcrop located in a barrow pit hosting up to 726 ppm Cu and 16.0 ppm Ag.

Drill hole NB94-11 was collared on a magnetic high; east of Cu soil geochemical and IP chargeability anomalies.

Collar co-ordinate details are provided in Table I. A plan map (Figure 3) at 1:5,000 scale illustrates collar locations relative to contoured IP chargeability, B.F.P. boulder float and road access with drill hole cross section (NB93-10) illustrated on Figures 4. Drill logs are provided under Appendix I with assay results and sample descriptions attached under Appendix II.

TABLE I

HOLE NO.	LOCATION		AZIMUTH	ANGLE	END OF HOLE	DATE COLLARED	DATE COMPLETED
	NORTHING	EASTING					
NB94-10	3+30	4+35	-	-90°	118.0	07/16/94	07/17/94
NB94-11	4+00	2+90	-	-90°	78.8	07/17/94	07/19/94

6.0 RESULTS AND CONCLUSIONS

Drill hole NB94-10 determined the IP chargeability response is due to the presence of disseminated pyrite with sections hosting up to 7% pyrite over short intervals. Quartz eye bearing felsic tuffs and fragmentals were intersected exhibiting pervasive argillic to local phyllic alteration. Chalcopyrite mineralization is associated with quartz eye bearing pyritic tuffs/fragmentals as very fine grained disseminations with grades proportional to pyrite content. The average grade of NB94-10 from 8.0 m to 85.3 m reports 0.19% Cu including 0.32% Cu from 73.6 m to 85.3 m.

Drill hole NB94-11 collared into and remained in unaltered granodiorite for the length of the hole. Disseminated magnetite is responsible for the magnetic anomaly. No significant mineralization was encountered.

APPENDIX I
DIAMOND DRILL LOGS

NB94-10
NB94-11

HOLE NUMBER: NB94-10
PROPERTY: BABS

Collar Co-ordinates: 3+30N, 4+35W

Date Started: July 16, 1994

Date Completed: July 17, 1994

Azimuth: -

Dip: 90°

Length of Hole: 118.0 m

Geologist: L. Erdman

FROM	TO	DESCRIPTION
(m)	(m)	
0.0	8.0	OVERBURDEN.
8.0	15.1	8.0 to 9.1 m: QUARTZ EYE TUFF. Buff colour. 1% quartz eyes to 2 mm in a fine grained matrix. Very weak pervasive sericite. Hairline fractures (1% density) with trace amounts of very fine grained pyrite. Rusty fractures. 9.1 to 9.5 m: QUARTZ EYE TUFF. Apple-green colour due to moderate pervasive sericitization. Quartz eyes as before. Also rare saussuritized (beige) fine grained phenocrysts (1-2 mm). Many fractures (5%) with silica/pyrite. Local silicification of fracture selvages. Rusty fractures. 9.5 to 15.1 m: QUARTZ EYE TUFF. Appears similar to section above but rock has been variably silicified. Still apple-green in colour, quartz eyes, rare feldspar phenocrysts (beige euhedral). Fracture density up to 7% and healed with silica. Rock looks brecciated. A few (<1%) quartz grains have pyrite on edges. Pyrite also in fractures - disseminated. At 12.1 m fracture (80°) with pyrite and possibly bornite(?). Rare disseminated pyrite clusters (<<1 mm) possibly replacing either quartz or feldspar crystals within the matrix, some of these may have chalcopyrite associated with the pyrite. Rusty fractures to 13.1 m.
15.1	16.6	QUARTZ EYE LAPILLI TUFF. Clast supported tuff with fragments from 1 mm to 1 cm. Fragments generally <3 mm. Fragments are quartz eye tuffs but also 15% quartz fragments <1% exotic fragments. Trace of very fine grained pyrite as replacements or on margins of quartz crystals. Quartz has flooded fractures so rock is variably siliceous. Sericite alteration of non-siliceous areas.

16.6	18.6	<p>QUARTZ EYE TUFF.</p> <p>Same as 9.5 to 15.1 m. Poor core recovery at 50%..</p>
20.1	21.3	<p>QUARTZ EYE LAPILLI TUFF.</p> <p>Grey and cream coloured, swirly texture. Silicified. Ghost fragments of quartz eye tuff. Buff coloured sericite, +/- carbonate in fractures. Very fine grained pyrite localized at quartz grain margins or as blebs within fractures. Rare euhedral saussuritized feldspar, some with pyrite/pyrrhotite in centers. Minor apple green clasts, no sulphides with them. Some of the fragments show sericite alteration.</p>
21.3	23.7	<p>QUARTZ EYE TUFF</p> <p>Not as before, very few fractures. Rare (1-2 cm) dark grey polymictic fragments in a apple-green/buff coloured matrix of quartz eyes (<1 mm to 2 mm) and aphanitic ground mass. Many of the quartz eyes have been completely replaced by pyrite/pyrrhotite, a trace percentage of these have spots of bornite(?) in the centers, others may have chalcopyrite. Pyrite content decreases downhole to <1%, at top it is ~7%. 6 cm fault gouge at 23.5 m.</p>
23.7	24.6	<p>LAPILLI TUFF</p> <p>Upper contact at 60°, lower contact at 35° to core axis. Grey/buff colour with buff polymictic clast in a grey matrix. Clasts are subangular from 3 mm to 2.5 cm with many about 7 mm. Variably silicified. Trace fine grained pyrite, as disseminations in matrix and fractures. Clasts are sericitic (buff), matrix is siliceous. Fractures host silica. Pyrite associated with the siliceous areas/fractures in the rock. Chalcopyrite at 24.58 m.</p>
24.6	58.9	<p>QUARTZ EYE TUFF</p> <p>24.6 to 42.6 m: Similar to interval 21.3 to 23.7 m pyrite/pyrrhotite decreasing abundance. Apple-green colour. Not silicified. No carbonate. Weakly developed hairline fractures, with disseminated pyrite. Rare, darker grey polymictic fragments, subangular to subrounded. Approximately 3% fragments varying from 2 mm to 6 cm, but generally less than 1 cm in size.</p> <p>@ 26.8 m - 2 m quartz/vein with euhedral pyrite at 10° to CA.</p> <p>Fault gouge at 35.3 m & 41.4 m. Intervening zone host quartz pyrite veining providing a brecciated texture. At 42.3 m rock becomes more sericitic completely destroying original textures. Local very weak disseminated carbonate.</p> <p>42.6 to 58.9 m: QUARTZ EYE TUFF</p> <p>Strongly sericitic, hairline fractures. Pyrite/pyrrhotite replacing quartz eyes and disseminated. Pyrrhotite/pyrite veinlet 2 mm width at 44.8 m.</p>

		45.7 m - Slip surface at 10° with strong sericite, minor pyrite. Pink aphanitic vein (1 cm) at 7° at 56.1 m. Fragments in this section are generally smaller than 1 cm and fragment content has decreased to <1%.
58.9	59.5	FELDSPAR-QUARTZ TUFF Feldspar altered to white sericite/clay, 1-2 mm in size. Quartz eyes << feldspar crystals. Rare fine grained pyrite. Wispy green lines, may be squashed crystals. More visual fragments than in previous interval.
59.5	62.1	QUARTZ EYE TUFF As at 42.6 to 58.9 m but less sericitic. Fragments are rare textured obscured (ghostly) from alteration. Rock is a buff colour. Pervasive clay alteration.
62.1	65.8	QUARTZ EYE/FELDSPAR QUARTZ TUFF Mixed rocks. Buff coloured. Same pyrite replacing quartz fragments. More feldspar rich than the quartz eye tuff but more quartz than the feldspar quartz tuffs. More fragments than the previous interval. Obscure, wispy texture due to alteration.
65.8	73.6	FELDSPAR-QUARTZ TUFF As at 58.9 to 59.5 m. Pyrite in fracture fillings and as disseminations (very rare). Pitted appearance. Rare fragments - altered to green sericite or buff sericite/argillite. No visible grey fragments.
73.6	85.5	QUARTZ EYE TUFF Buff coloured. As at 59.5 to 62.1 m. Local pyrite/pyrrhotite in fractures but generally as replacement of quartz. Pyrite content decreases down the hole. At 78.6 m flooding with sericite . At 79.6 m 20 cm of highly clay-rich gouge 90° to core angle. At 80.4 m - Similar gouge for 3 cm. At 82.4 to 83.5 m: Gouge and quartz carbonate vein 17° to core axis, 3 cm, rare disseminated pyrite.
85.3	105.1	FELDSPAR-QUARTZ CRYSTAL/ASH TUFF Buff coloured, rare, rounded to sub-angular polymictic fragments all <0.5 cm. Many 1-2 mm crystal fragments, of feldspar > quartz. Feldspar weakly saussuritized. Local flooding by sericite and overall section is very weakly argillic. Rare disseminated pyrite, carbonate fractures. Local sections show welded texture at 60° (i.e. 88.7 m). 104.2 to 104.7 m - Highly sericite/clay gouge zone, no sulphides.

105.1	106.4	<p>WELDED ASH TUFF (RHYOLITIC) Laminations at 45° to core axis. Rare large fragments and many quartz fragments (<1mm). Laminations "flow" around quartz fragments and large fragments are "squashed" and contorted parallel to laminations. Fine grained pyrite clusters in centers of some quartz grains. Pyrite/pyrrhotite fractures. Very fine grained, disseminated pyrite, may be nucleating in small quartz (grains). Carbonate fractures.</p>
106.4	118.0	<p>FELDSPAR-QUARTZ CRYSTAL/ASH TUFF As at 85.3 m to 105.1 m. Buff coloured feldspar>quartz tuff. Variable sericite flooding gives core a mottled appearance. Larger fragmental boundaries are indistinct. Smaller (<1 cm) fragments are distinct. Local carbonate fractures.</p>
	118.0	<p>End of hole.</p>

HOLE NUMBER: NB94-11

PROPERTY: BABS

Collar Co-ordinates: 4+00N, 2+90E

Date Started: July 17, 1994

Date Completed: July 19, 1994

Azimuth: -

Dip: 90°

Length of Hole: 78.8 m

Geologist: L. Erdman

FROM (m)	TO (m)	DESCRIPTION
0.0	4.3	OVERBURDEN
4.3	78.8	TOPLEY GRANODIORITE Pink to salmon coloured porphyritic granodiorite with 1-2 mm, light pink, euhedral feldspar crystals, quartz crystals, ≤1 mm lathe shaped hornblende crystals, in a fine grained groundmass. Fracture surfaces variably coated with chlorite. Hornblende lathes are weakly chloritic. The interval is variably weakly magnetic as the hornblende lathes may host small crystals of visual magnetite. Sugary grey quartz veins ± fracture fill pyrite cut the unit causing silicification outward from the vein. Very fine grained, banded intervals display contorted buff, brown, maroon and pink laminations. These intervals may represent large silicified xenoliths of volcanic tuff or possibly a series of closely spaced fractures which are variably silicified. Silicified intervals are not magnetic. Rare disseminated pyrite associated with silicified sections. 4.3 to 8.5 m: Silicified section, chloritic along fractures. Minor pyrite associated with chlorite. No well developed quartz veins although some sections are so highly silicified they appear to be "veins". 8.5 to 15.5 m: "Topley" - Salmon/maroon coloured, fine grained matrix with pink phenocrysts. 15.5 to 16.5 m: Weakly silicified, still able to see porphyritic texture. 16.5 to 17.2 m: "Topley". 17.2 to 26.0 m: Weak silicification at 17.2 m, becoming more intense at 17.8 m.

17.9 to 18.1 m: Quartz-pyrite vein at 45° continuing through fractures to a similar vein at 18.3 to 18.4 m.
18.9 to 19.3 m: Highly silicified, almost vein like.
20.2 to 20.6 m: Quartz vein.
20.7 to 22.1 m: Quartz vein @ 20°.
22.9 to 23.1 m: Quartz vein @ 65°.
23.3 to 24.2 m: Intense silicification veinlike.
25.8 m: Weakly silicified "bleached". "Topley".
26.0 to 34.0 m: "Topley".
34.0 to 38.9 m: Banded, laminated contorted section.
Lamination direction varies: 20°, 40°, 55°. Swirly texture.
34.0 to 34.1 m: Quartz vein with chloritic margins.
34.2 to 34.4 m: Pyritic quartz vein, chlorite at lower contact.
37.8 m: Quartz vein, brecciated, 2 cm.
38.9 to 47.0 m: Fine grained Topley with poorly developed graphitic texture, not porphyritic. Local silica flooding, not always vein related. Chlorite on fractures.
39.4 m: 8 cm banded section @ 70°.
40.1 m: 12 cm banded section.
40.6 to 40.8 m: Banded section @ 20°.
41.3 to 41.44 m: Quartz vein @ 45°.
43.7 to 43.8 m: Quartz vein @ 40°.
44.4 m: 2 cm quartz vein.
44.9 m: 2 cm quartz vein @ 40°.
45.0 m: 1 cm quartz vein.
46.9 m: 1 cm quartz vein.
47.0 to 50.2 m: Banded section as at 34.0 to 38.9 m. At 49.9 the banding looks very stretched, gneissic.
50.2 to 55.1 m: Fine grained Topley with graphitic texture. Variably silicified, silicification related to quartz veins.
50.5 m: 2 cm quartz vein. @ 45°.
50.87 m: 3 cm quartz vein @ 45°.
51.0 m: 2 cm quartz vein @ 45°.
53.5 m: Quartz vein broken, perhaps 1 cm.
53.3 to 53.4 m: Quartz vein @ 30°.
54.1 to 55.1 m: Quartz vein @ 47°. Chloritic lower irregular contact. Coarse grained pyrite as fracture fillings.
55.1 to 60.5 m: Fine grained Topley as at 50.2 m to 55.1 m but highly silicified and locally with >10% fracture density. Fracture surfaces are chloritic. Overall colour is pale pink, with numerous green coloured fractures in all directions so that locally the interval appears brecciated.
56.55 to 56.8 m: Quartz vein, irregular contact chlorite/pyrite.
57.4 m: 7 cm quartz vein, pyrite, irregular contact.

58.3 m: 5 cm quartz vein, irregular contact.

60.5 to 65.2 m: Variably silicified, fine grained phase of Topley. Graphitic texture where not destroyed by silicification. At 64 m distinct quartz vein @ 25° to core angle. Coarse pyrite in central fracture.

65.2 to 78.8 m: Fine grained Topley with graphitic texture. More pervasively magnetic than previous zone. Magnetic character may be due to presence of thin magnetic andesite dykelets which first appear at 72 m. Magnetite/chlorite fractures.

72 m: 5 cm dark green, magnetic andesite dykelet, vertical.

76 m: 1 cm dykelet as before, 90°.

76.4 to 76.6 m: Andesite dykelet as before.

The final 2.2 m of the hole has abundant broken core with chlorite on all fracture surfaces. Approximately 7% fractures.

78.8

End of hole.

APPENDIX II
ASSAY RESULTS
AND
SAMPLE DESCRIPTIONS

NORANDA DELTA LABORATORY

Geochemical Analysis NB94-11

Project Name & No.: BABS - 45178

Material: 17 Cores

Remarks: * Sample screened @ -35 MESH (0.5 mm)

‡ Organic, Δ Humus, S Sulfide

Geol.: L.E.

Sheet: 1 of

Date received: JULY 26

Date completed: JULY 29

LAB CODE: 9407-041

Au - 10.0 g sample digested with aqua-regia and determined by A.A. (D.L. 5 PPB)

ICP - 0.2 g sample digested with 3 ml HClO₄/HNO₃ (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

T.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
7	70049 core	5	0.2	1.33	2	77	0.3	5	0.08	0.2	62	2	104	5	0.75	0.66	29	2	0.11	65	13	0.11	1	0.01	4	6	0.02	4	12
8	70050	5	0.2	1.91	8	104	0.4	5	0.07	0.2	52	2	90	3	1.04	0.91	24	2	0.13	73	15	0.08	1	0.01	4	7	0.02	4	12
9	70051	5	0.2	2.69	2	135	0.5	5	0.12	0.2	51	3	68	7	1.56	1.29	26	2	0.18	97	25	0.07	1	0.01	6	10	0.02	5	14
0	70052	5	0.2	2.40	42	116	0.4	5	0.07	0.2	43	3	81	10	1.71	1.12	22	2	0.16	67	23	0.07	1	0.02	2	10	0.02	6	12
1	70053	5	0.2	1.59	2	98	0.4	5	0.12	0.2	48	2	125	8	0.48	0.72	22	1	0.08	54	8	0.08	2	0.01	2	13	0.02	5	8
2	70054	10	0.2	1.19	16	132	0.3	23	0.16	0.2	42	1	101	4	0.41	0.54	21	1	0.06	74	15	0.05	1	0.01	2	20	0.01	4	5
3	70055	5	0.2	2.11	147	168	0.4	5	0.18	0.2	37	1	95	23	0.63	0.94	18	1	0.10	53	24	0.10	1	0.01	2	29	0.02	6	6
4	70056	5	0.2	2.75	2	149	0.9	5	0.30	0.2	47	2	70	9	1.78	1.21	22	3	0.44	300	6	0.11	1	0.02	2	19	0.04	11	26
5	70057	5	0.2	1.32	7	136	0.3	5	0.08	0.2	51	1	124	4	0.54	0.60	23	1	0.12	77	20	0.11	1	0.01	2	17	0.02	3	11
6	70058	5	0.2	1.34	2	131	0.4	5	0.09	0.2	54	1	139	4	0.66	0.63	26	1	0.11	75	8	0.11	2	0.01	2	16	0.02	4	13
7	70059	5	0.4	1.92	2	113	0.4	5	0.13	0.2	64	1	118	4	0.69	0.86	29	1	0.10	66	11	0.10	2	0.01	2	13	0.02	4	10
8	70060	5	0.2	1.80	2	117	0.4	5	0.10	0.2	57	1	128	4	0.67	0.80	25	2	0.14	83	9	0.11	1	0.01	2	11	0.02	4	12
9	70061	5	0.4	1.91	2	108	0.4	5	0.18	0.2	57	1	104	3	0.72	0.83	27	1	0.13	101	9	0.09	1	0.01	2	13	0.02	4	13
0	70062	5	0.2	2.83	2	152	0.5	5	0.07	0.2	41	3	72	7	0.93	1.25	19	1	0.16	96	10	0.08	1	0.01	12	15	0.02	6	13
1	70063	5	0.2	2.29	2	144	0.5	5	0.06	0.2	50	6	86	10	1.24	0.99	23	3	0.21	109	7	0.08	2	0.01	2	12	0.02	6	15
2	70064 core	5	0.2	2.62	2	129	0.6	5	0.17	0.2	54	4	68	9	1.13	1.11	20	3	0.22	155	9	0.08	2	0.01	4	17	0.02	6	17
3	70065 core	5	0.2	1.07	3	75	0.4	5	0.13	0.2	67	2	141	4	0.98	0.47	26	3	0.18	111	7	0.13	2	0.01	2	9	0.02	4	16

copy to
DARK

NORANDA DELTA LABORATORY

Geochemical Analysis NB94-10

Project Name & No.: BABS - 45178

Geol.: L.E.

Date received: JULY 26

LAB CODE: 9407-028

Material: 48 Cores

Sheet: 1 of 2

Date completed: JULY 29

Remarks: * Sample screened @ -35 MESH (0.5 mm)

□ Organic, Δ Humus, S Sulfide

Au - 10.0 g sample digested with aqua-regia and determined by A.A. (D.L. 5 PPB)

ICP - 0.2 g sample digested with 3 ml HClO₄/HNO₃ (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
1	70001	5	0.2	0.27	2	7	0.2	5	0.01	0.2	35	1	3	172	0.30	0.08	9	3	0.01	90	1	0.04	2	0.01	19	1	0.01	1	19
2	70002	5	12.8	1.35	137	21	0.5	5	0.05	1.5	99	3	3	3552	1.20	0.51	48	4	0.06	252	2	0.04	1	0.01	48	5	0.02	2	209
3	70003	5	15.6	1.09	28	16	0.5	5	0.08	1.7	115	3	3	4092	1.30	0.35	56	4	0.07	213	3	0.08	3	0.01	21	6	0.02	4	196
4	70004	10	14.4	1.09	16	15	0.5	5	0.06	0.8	51	2	4	2008	0.90	0.36	19	3	0.06	141	5	0.08	5	0.01	16	5	0.02	2	119
5	70005	5	5.6	0.95	8	9	0.5	5	0.09	0.5	45	2	2	1013	1.03	0.18	19	4	0.06	221	2	0.11	1	0.01	12	6	0.02	2	71
6	70006	5	6.8	0.80	8	11	0.5	5	0.16	0.4	55	2	3	1951	1.05	0.19	22	4	0.06	253	3	0.09	4	0.01	13	8	0.02	3	100
7	70007	5	8.0	1.49	12	27	0.8	5	0.24	1.1	87	3	5	2581	1.61	0.51	40	6	0.10	398	5	0.03	6	0.01	44	13	0.04	7	173
8	70008	5	6.4	2.38	24	45	0.7	5	0.05	4.9	37	2	1	1861	1.01	0.93	18	5	0.07	194	3	0.02	1	0.01	297	5	0.02	3	675
9	70009	5	8.0	1.90	51	32	0.8	5	0.08	1.6	45	3	3	2307	1.38	0.71	23	7	0.08	436	4	0.01	4	0.02	92	6	0.03	6	175
10	70010	5	1.2	2.44	2	35	0.6	5	0.03	1.0	24	1	2	622	0.47	0.99	11	4	0.06	70	9	0.01	4	0.01	118	4	0.01	2	168
11	70011	5	2.0	2.80	18	46	0.8	5	0.04	3.0	23	3	5	701	0.61	1.02	10	6	0.08	172	7	0.01	3	0.02	81	7	0.02	6	380
12	70012	5	1.2	2.85	3	39	0.7	5	0.05	3.7	30	2	2	510	0.64	0.99	11	6	0.07	300	5	0.01	2	0.01	91	7	0.02	3	482
13	70013	5	1.2	2.94	10	35	0.7	5	0.04	0.6	25	2	3	674	0.61	1.08	10	6	0.06	184	7	0.01	5	0.02	111	8	0.02	4	135
14	70014	10	3.6	3.16	24	41	0.8	5	0.05	6.8	24	3	2	1490	0.95	1.09	10	7	0.07	261	10	0.01	2	0.01	208	9	0.02	3	1086
15	70015	5	2.8	3.32	34	47	0.9	5	0.06	8.7	24	2	2	1376	1.20	1.13	10	8	0.08	274	6	0.01	3	0.02	13	10	0.02	4	1050
16	70016	5	3.6	3.11	21	43	0.8	5	0.05	2.7	31	3	2	1454	0.93	1.07	15	7	0.07	181	6	0.03	4	0.02	2	10	0.02	4	364
17	70017	30	5.2	3.09	17	39	0.8	5	0.04	1.9	51	2	2	1551	0.94	1.03	25	8	0.07	229	3	0.01	1	0.02	8	10	0.02	5	203
18	70018	5	6.0	4.19	32	46	1.0	5	0.05	1.0	56	4	1	2580	1.33	1.50	26	7	0.09	213	5	0.01	3	0.02	4	13	0.02	7	143
19	70019	5	10.4	3.32	18	40	0.8	5	0.04	1.6	33	3	2	3782	1.18	1.28	16	6	0.07	256	3	0.01	5	0.02	2	11	0.02	6	185
20	70020	5	11.2	2.95	68	42	0.7	5	0.06	3.7	25	3	2	3083	1.26	1.06	11	7	0.06	435	3	0.01	2	0.02	17	10	0.02	4	470
21	70021	5	5.6	2.31	63	36	0.6	5	0.05	2.0	31	3	5	2349	0.91	0.85	13	5	0.05	260	5	0.01	3	0.02	6	11	0.02	4	200
22	70022	5	2.4	3.13	12	38	0.7	5	0.03	4.6	27	1	3	982	0.61	1.13	9	5	0.05	98	2	0.01	3	0.02	4	11	0.02	2	536
23	70023	5	4.8	2.71	25	40	0.7	5	0.04	3.3	31	2	2	1520	0.76	1.03	11	5	0.05	104	1	0.01	1	0.01	4	9	0.02	3	367
24	70024	5	5.6	3.06	11	39	0.8	5	0.04	3.0	38	3	2	1780	0.77	1.15	14	6	0.06	110	1	0.01	2	0.02	5	11	0.02	3	345
25	70025	10	6.4	2.38	12	43	0.6	5	0.05	4.3	73	2	4	1873	0.86	0.92	33	4	0.05	138	2	0.01	4	0.02	4	12	0.02	4	512
26	70026	10	6.8	2.63	14	41	0.7	5	0.05	3.9	56	2	2	1986	0.80	1.01	24	5	0.05	100	1	0.01	1	0.02	28	12	0.02	3	434
27	70027	5	0.4	2.56	4	36	0.7	5	0.08	4.5	54	1	2	141	0.61	1.05	20	4	0.05	101	1	0.01	3	0.01	4	15	0.02	2	579
28	70028	10	10.4	2.54	9	40	0.7	5	0.07	2.2	48	2	4	3188	1.06	0.98	18	5	0.05	167	2	0.01	4	0.02	12	12	0.02	3	230
29	70029	10	12.0	2.13	21	31	0.6	15	0.05	1.0	32	2	3	4513	0.96	0.90	13	5	0.04	89	1	0.01	1	0.01	10	9	0.02	3	115
30	70030	10	1.2	2.46	13	32	0.7	5	0.07	1.4	36	1	3	830	0.53	0.96	16	5	0.04	98	2	0.01	2	0.01	3	12	0.02	4	150
31	70031	5	0.2	2.98	2	37	1.1	5	0.11	1.7	35	2	6	298	0.78	1.08	9	6	0.07	184	4	0.01	6	0.01	3	20	0.02	5	221
32	70032	5	0.4	2.93	2	31	1.0	5	0.07	3.0	24	1	3	148	0.57	1.02	4	6	0.05	107	1	0.01	1	0.01	2	16	0.02	1	357
33	70033	5	7.6	2.71	2	26	0.9	5	0.17	0.6	56	2	3	3505	0.79	1.01	20	5	0.04	180	1	0.01	3	0.02	2	17	0.02	2	85
34	70034	5	10.4	2.98	4	37	0.9	5	0.05	1.1	42	2	3	4816	0.97	1.20	14	4	0.05	57	3	0.02	5	0.02	2	17	0.02	2	104
35	70035	5	6.8	2.48	140	35	0.9	5	0.18	2.2	29	2	3	2018	1.02	0.98	9	5	0.06	300	4	0.01	2	0.02	5	14	0.02	2	270

an. off

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm	0407-028 Pg. 2 of 2
36	70036	5	8.4	2.21	33	28	0.9	5	0.25	1.5	68	2	3	3380	1.01	0.83	27	4	0.07	280	3	0.02	3	0.02	2	21	0.02	2	163	
37	70037	5	13.6	2.39	5	30	0.9	5	0.11	1.4	52	3	4	6428	1.22	0.94	20	4	0.07	112	3	0.03	5	0.02	2	23	0.02	2	115	
38	70038	5	4.0	1.52	7	24	0.7	5	0.39	0.7	51	1	3	1697	0.68	0.65	16	4	0.05	304	5	0.02	2	0.01	2	20	0.02	2	74	
39	70039	5	4.4	1.65	2	25	0.7	5	0.13	1.0	53	1	3	1893	0.72	0.65	21	4	0.06	159	3	0.03	3	0.01	2	19	0.02	2	154	
40	70040	5	0.2	1.99	2	24	1.1	5	0.29	0.6	47	1	4	108	1.29	0.69	18	7	0.09	447	2	0.04	4	0.01	3	24	0.02	3	111	
41	70041	5	0.2	2.24	2	31	1.4	5	0.43	1.4	118	2	5	28	1.53	0.76	53	7	0.16	528	2	0.05	2	0.02	3	38	0.02	7	222	
42	70042	5	0.2	2.16	2	21	1.2	5	0.32	0.2	85	1	2	11	1.31	0.71	37	6	0.11	445	2	0.04	2	0.01	2	31	0.02	4	22	
43	70043	5	0.2	2.35	29	25	1.3	5	0.52	0.3	92	2	4	101	1.64	0.76	39	7	0.19	580	3	0.06	4	0.01	2	45	0.03	5	84	
44	70044	5	0.2	2.24	11	25	1.4	5	0.62	1.1	93	1	2	75	1.76	0.72	36	9	0.17	661	4	0.05	1	0.02	4	41	0.03	5	138	
45	70045	5	2.8	1.53	12	23	0.8	5	0.33	0.8	76	1	4	1075	1.31	0.56	32	5	0.09	379	5	0.05	3	0.01	5	25	0.02	3	79	
46	70046	5	0.2	2.08	10	21	1.0	5	0.28	0.2	71	1	3	199	1.15	0.71	31	6	0.09	365	4	0.05	4	0.01	2	27	0.02	4	35	
47	70047	5	0.2	1.99	6	19	1.1	5	0.40	0.3	73	2	2	131	1.35	0.69	32	7	0.09	467	4	0.06	1	0.01	2	27	0.02	3	23	
48	70048	5	0.2	2.14	2	19	1.1	5	0.28	0.2	69	1	2	150	1.17	0.74	31	7	0.09	376	3	0.04	2	0.01	2	26	0.02	4	18	

PROPERTY Bobs NB-94-10

N.T.S. _____

DATE July 18/94

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G	A	G	A	G	A	G	A	G	A	SAMPLE BY
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
70024	52.6-54.6 Qtz-eye tuff 2% d/ff Py/Po tr.Cp?	2	Core	2											LE
70025	54.6-56.6 " " " 4% " " tr.Cp?	4	/	2											
70026	56.6-58.8 " " " 2% " "	2	/	2.3											
70027	58.9-59.5 Fs-qz tuff Rare d Py	tr	/	0.6											
70028	59.5-61.0 Qtz-eye tuff 3% d/ff Py/Po	3	/	1.5											
70029	61.0-62.1 " " " 3% " " " "	3	/	1.1											
70030	{ 62.1-63.9 Qtz-eye/Fs-qz tuff <0.5% d Py	<0.5	/	1.8	} 3.7m combined										
	{ 63.9-65.8 " " " tr d Py	tr	/	1.9											
70031	{ 65.8-67.8 Fs-qz tuff tr d/ff Py/Po	tr	/	2	} 4m combined										
	{ 67.8-69.8 " " " " " / ff " "	tr	/	2											
70032	{ 69.8-71.8 " " " " " / ff " "	tr	/	2	} 3.8m combined										
	{ 71.8-73.6 " " " " " / ff " "	tr	/	1.8											
70033	73.6-75.6 Qtz-eye tuff 3% d/ff Py/Po	3	/	2											
70034	75.6-77.6 " " " 4% d/ff Py/Po, tr.Cp?	4	/	2											
70035	77.6-79.6 " " " 2% d/ff Py/Po	2	/	2											
70036	79.6-81.6 " " " 1% " " " "	1	/	2											
70037	81.6-82.4 " " " 2% " " " "	2	/	0.8											
70038	82.4-83.5 " " " 1% " " " "	1	/	1.1											
70039	83.5-85.3 " " " 1% " " " "	1	/	1.8											
70040	{ 85.3-87.3 Fs-qz xtl/ash tuff rare d Py	tr	/	2	} 4m combined										
	{ 87.3-89.3 " " / " " " " " "	tr	/	2											
70041	{ 89.3-91.3 " " / " " " " " "	tr	/	2	} 4m combined										
	{ 91.3-93.3 " " / " " " " " "	tr	/	2											

PROPERTY Babs NB-94-10

N.T.S. _____

DATE July 18/94

ROCK SAMPLE REPORT

PROJECT _____

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH (m)	G	A	G	A	G	A	G	A	SAMPLE BY
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
70042	93.3-95.3 Fs-qz xtl/ash tuff rare d.Py/Pc?	tr	Core	2	}	4m	combined						LE
	95.3-97.3 " " / " " " " " "	tr		2									
70043	97.3-99.3 " " / " " " " " "	tr	}	2	}	4m	combined						
	99.3-101.3 " " / " " " " " "	tr		2									
70044	101.3-103.3 " " / " " " " " "	tr	}	2	}	3.8m	combined						
	103.3-105.1 " " / " " " " " "	tr		1.8									
70045	105.1-106.4 Welded rhyolitic ash tuff 2% d.Py/Pc, tr Cp?	2		1.3									
70046	106.4-108.4 Fs-qz xtl/ash tuff rare d.Py/Pc?	tr	}	2	}	4m	combined						
	108.4-110.4 " " / " " " " " "	tr		2									
70047	110.4-112.4 " " / " " " " " "	tr	}	2	}	4m	combined						
	112.4-114.4 " " / " " " " " "	tr		2									
70048	114.4-116.4 " " / " " " " " "	tr	}	2	}	3.6m	combined						LE
	116.4-118.0 " " / " " " " " "	tr		Core 1.6									

APPENDIX III
STATEMENT OF COSTS

NORANDA EXPLORATION COMPANY, LIMITED
STATEMENT OF COSTS

PROJECT: BABS

DATE: OCTOBER 1994

TYPE OF REPORT: DIAMOND DRILLING

- a) Wages:
- | | | |
|------------------|------------------------------|------------|
| No. of Mandays : | 20 mandays | |
| Rate per Manday: | \$161.89/manday | |
| Dates From : | July 13 to July 22, 1994 | |
| Total Wages : | 20 mandays x \$161.89/manday | \$3,237.84 |
- b) Food & Accommodations:
- | | | |
|------------------|-----------------------------|------------|
| No. of Mandays : | 20 mandays | |
| Rate per Manday: | \$60.70/manday | |
| Dates From : | July 13 to July 22, 1994 | |
| Total Costs : | 20 mandays x \$60.70/manday | \$1,214.22 |
- c) Transportation:
- | | | |
|------------------|-----------------------------|----------|
| No. of Mandays : | 20 mandays | |
| Rate per Manday: | \$49.45/manday | |
| Dates From : | July 13 to July 22, 1994 | |
| Total Costs : | 20 mandays x \$49.45/manday | \$988.99 |
- d) Instrument Rental:
- | | | |
|---------------------|--|--|
| Type of Instrument: | | |
| No. of Mandays : | | |
| Rate per Manday: | | |
| Dates From : | | |
| Total Costs : | | |
-
- | | | |
|---------------------|--|--|
| Type of Instrument: | | |
| No. of Mandays : | | |
| Rate per Manday: | | |
| Dates From : | | |
| Total Costs : | | |

e)	Analysis: (See attached schedule)	\$1,202.50
f)	Cost of Preparation of Report: Author : \$1,000.00 Drafting: \$200.00 Typing : \$300.00	\$1,500.00
g)	Other: Contractor: Britton Bros. Diamond Drilling (NB94-10 and NB94-11) 196.8 meters x \$57.47/meter	\$11,309.80
TOTAL COST		\$19,453.35

h)	Unit Costs for Drilling:
	No. of Meters : 196.8 m
	No. of Units : \$19,453.35
	Unit Costs : \$98.85/meter
	Total Cost : \$19,453.35

NORANDA EXPLORATION COMPANY, LIMITED

DETAILS OF ANALYSIS COSTS

PROJECT: BABS

ELEMENT NO. OF DETERMINATIONS COST PER DETERMINATION TOTAL COSTS

27 Element ICP + Gold by AA	65 core samples	\$18.50/sample	\$1,202.50
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APPENDIX IV
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Richard Kemp, of the City of Vancouver, Province of British Columbia, do hereby certify that:

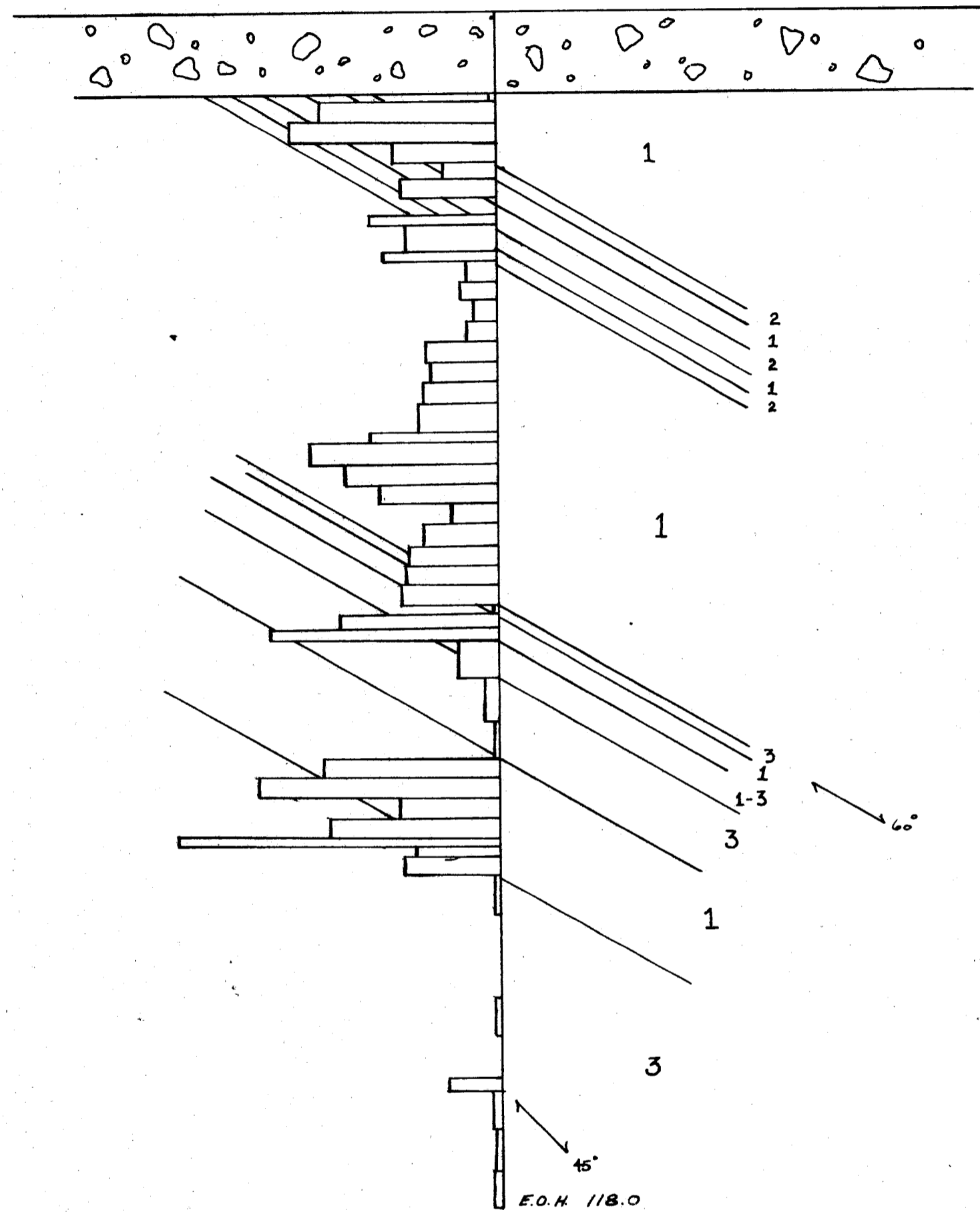
- 1) I am a geologist, residing at #111 - 2455 York Avenue, Vancouver, B.C.
- 2) I am a graduate of the Haileybury School of Mines (1974) Mining Technician Diploma and hold a B.Sc. Geology degree from Lakehead University (1981).
- 3) I am a member in good standing of the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
- 4) I have worked in mineral exploration in Canada and internationally since 1974 as a mining technician and since 1981 as a geologist.
- 5) The work described in this report was conducted under my supervision and I have prepared this report based on the field observations of those contracted by Noranda Exploration Company, Limited.
- 6) I have been continuously employed by Noranda Exploration Company, Limited since 1982.
- 7) I have no interest in the property nor do I expect to receive any.



Richard Kemp

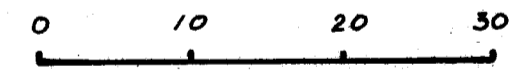


DDH94-10



0.5% 0.4% 0.3% 0.2% 0.1%
% Copper.

- 1 QUARTZ EYE TUFF**
- 2 QUARTZ EYE LAPILLI TUFF**
- 3 FELDSPAR PHYRIC QUARTZ TUFF**

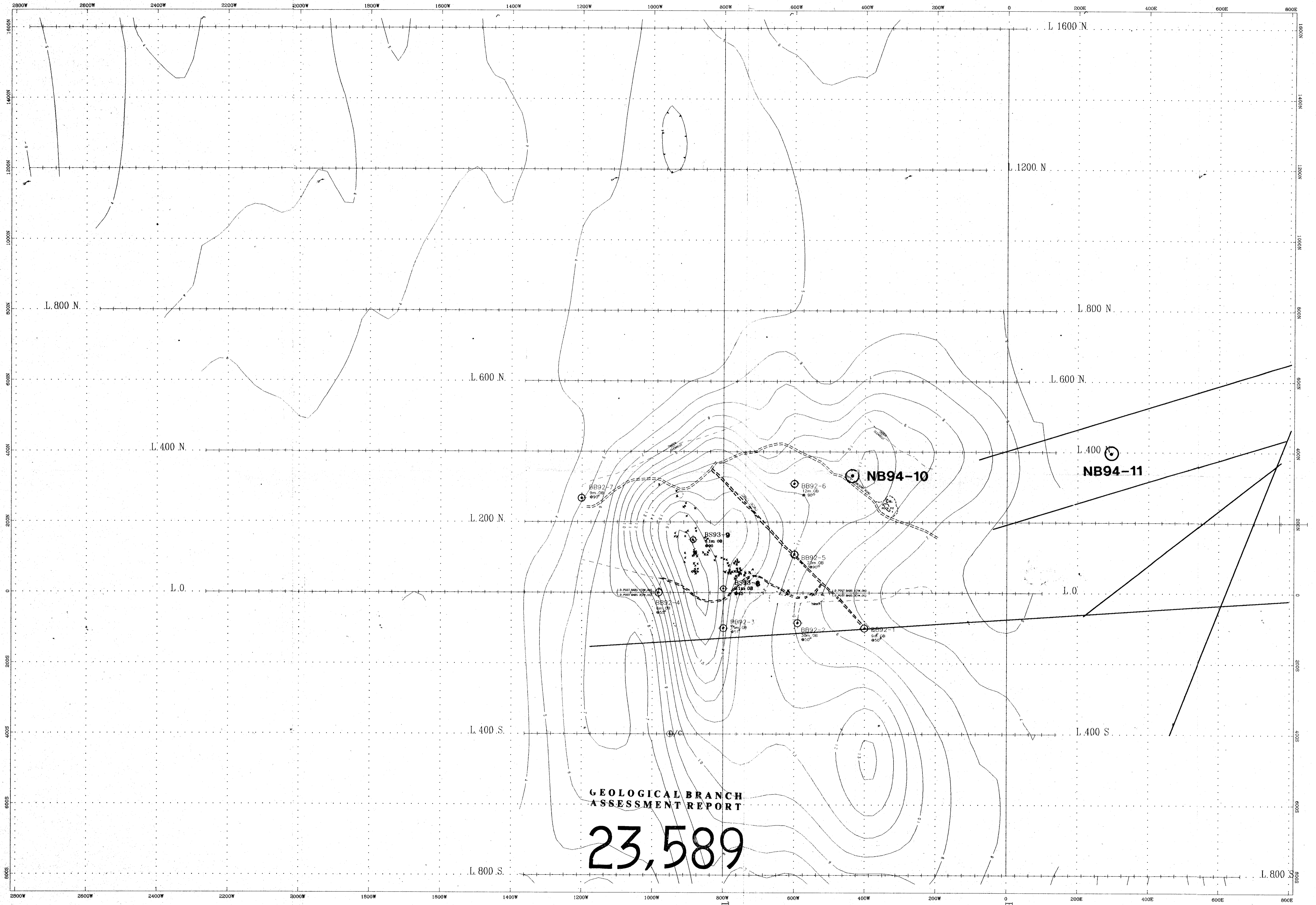


SCALE IN METERS

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

23,589

REVISED	BABS	
	DDH94-10	
PROJ. No. 45-17B	SURVEY BY:	DATE: October 1994
N.T.S. 934/146, 824/154	DRAWN BY: R.H.	SCALE: 1:500
DWG. No.	NORANDA EXPLORATION	
FIG.4	OFFICE: VANCOUVER	



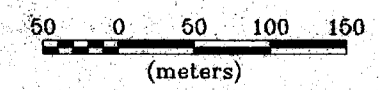
GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,589

BABS IP/RES
WALCOTT & ASSOCIATES
JUNE 1994

CONTOURED CHARGEABILITY

x B.F.P. Boulder Float
BB92-4 Equity Silver 1992 Drill Hole
NB94-2 Noranda Exploration 1993/94 DDA



Interpreted Breaks

