GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL 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

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

SEPTEMBER 1994

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1.0 SUMMARY

The Babs claim group is located 65 km northeast of Houston, 15 to 20 km southeast of Noranda's Granisle and Bell Cu-Au porphyry deposits.

On the Babs-1 mineral claim a 300 m x 150 m wide dispersion train of BFP float returning up to 0.9% Cu and 1.3 gm Au has been the focus of recent exploration since 1992. Between the period May 25 to June 21, a 4 man field crew completed soil geochemical, mag-IP geophysical and geological surveys to determine the source of the mineralized float.

The work to date has failed to locate the source of the BFP float. Soil geochemical surveys have outlined a roughly circular Cu anomaly and broader chargeability anomaly underlying the BFP float train and surrounding area. Two drill holes within the chargeability anomaly returned 0.21% Cu/10.4 m and 0.34% Cu/3 m with anomalous silver values to 12.0 ppm, hosted by argillic to phyllic altered quartz eye bearing rhyolite lapilli tuff/tuff. These intersections represent a new target with elevated and anomalous Cu geochem which remains open in all directions.

This report documents 1994 expenditures by Noranda Exploration Company, Limited totalling $77,030.04 on the Babs claim group.

2.0 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.

3.0 TOPOGRAPHY AND PHYSIOGRAPHY

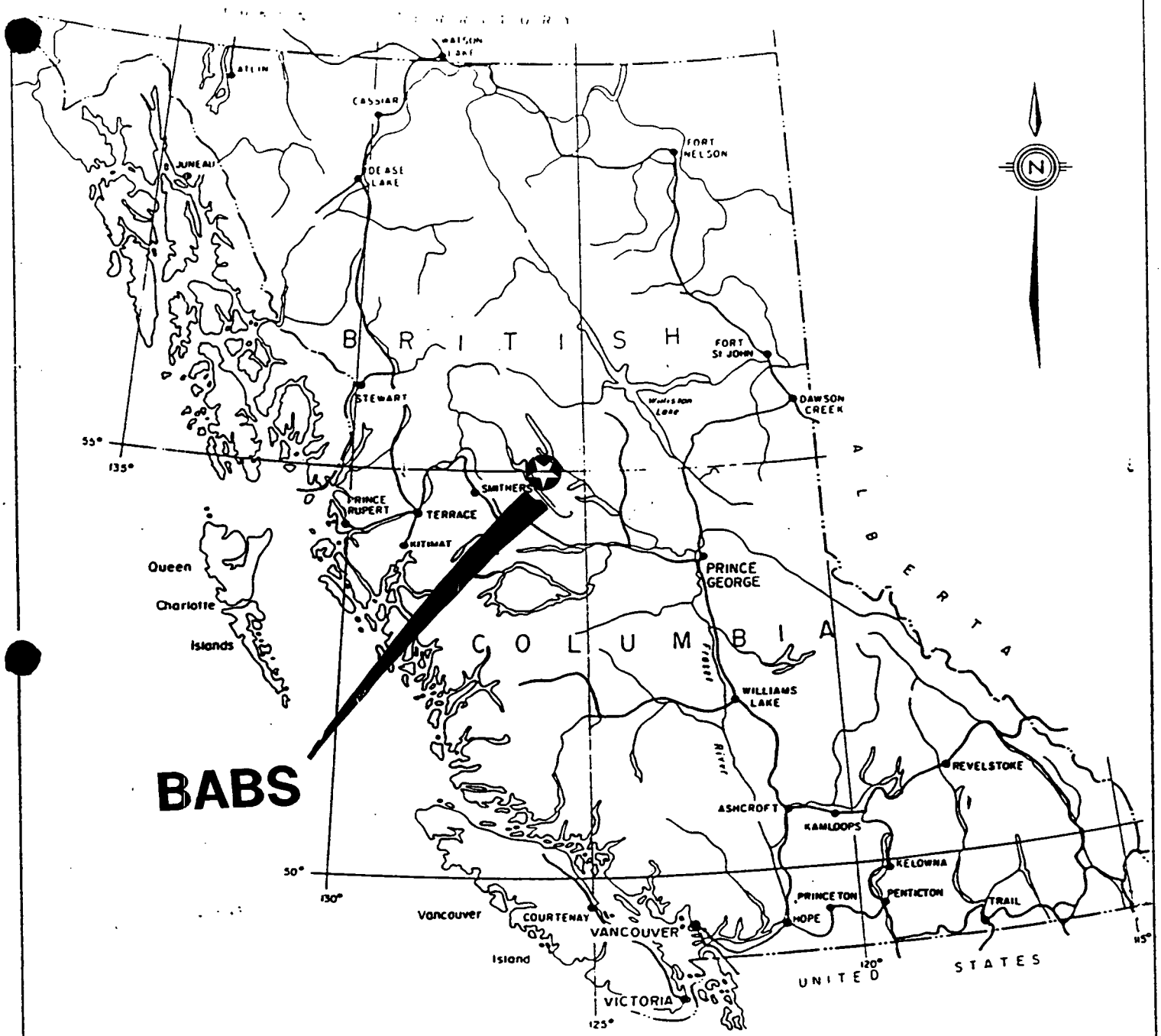
The Babs claim group covers gently rolling forested and clear cut terrain with elevations ranging from 712 m in the southwest to 1189 m to the northeast.

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.

4.0 PREVIOUS WORK

In 1991 a float train of large angular biotite feldspar porphyry (B.F.P.) 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.



REVISED	
	LOCATION MAP. BABS CLAIMS.
PROJ. No.	SURVEY BY: DATE: Sept 94.
N.T.S.	DRAWN BY: SCALE:
DWG. No. 1	NORANDA EXPLORATION OFFICE: VANCOUVER.

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 12-18) 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.

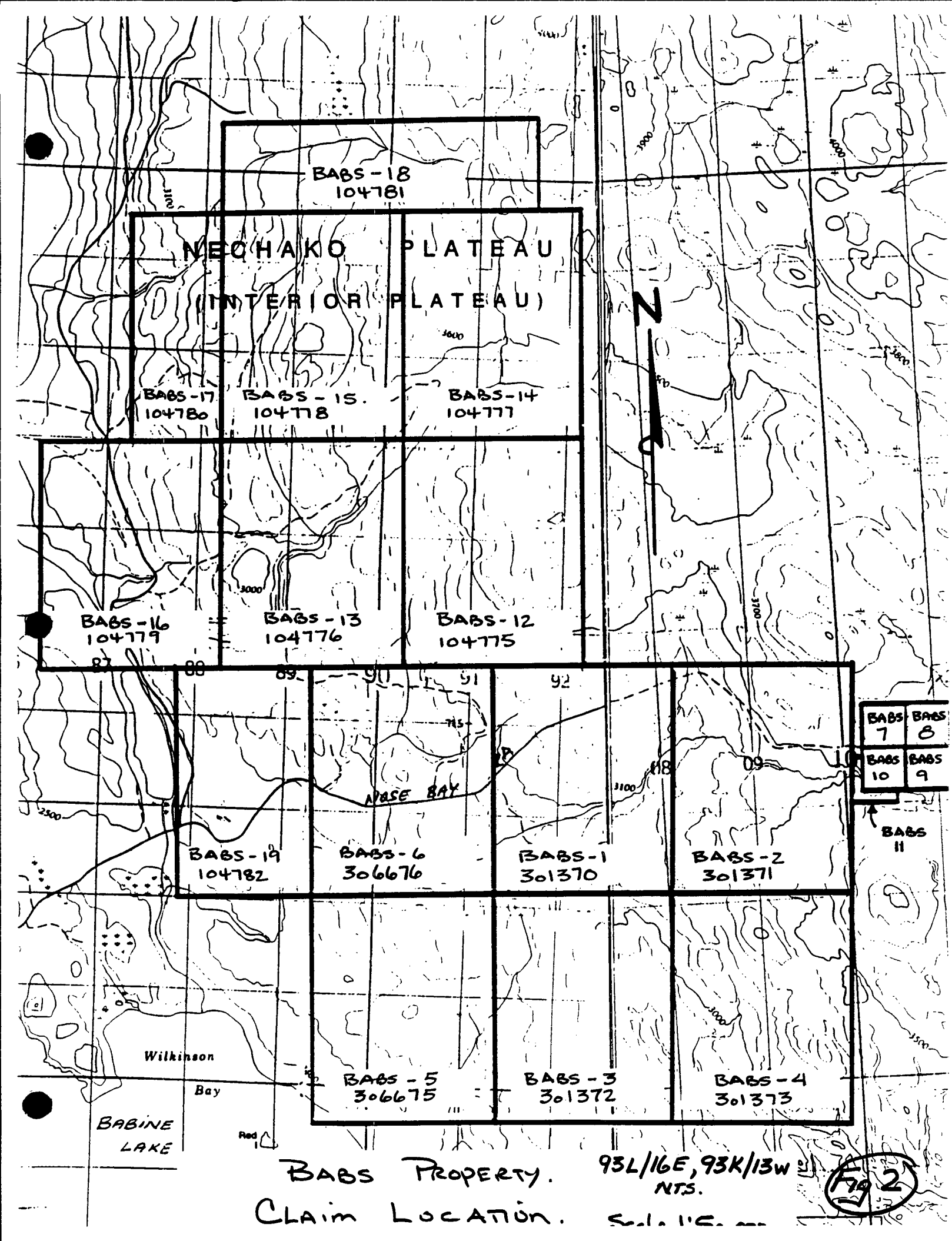
5.0 OWNER-OPERATOR

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.

CLAIM NAME	UNITS	RECORD NUMBER	EXPIRY DATE
BABS-1	20	0301370	JUNE 26, 1998*
BABS-2	20	0301371	JUNE 26, 1998*
BABS-3	20	0301372	JUNE 26, 1998*
BABS-4	20	0301373	JUNE 26, 1998*
BABS-5	20	0306675	NOVEMBER 27, 1996*
BABS-6	20	0306676	NOVEMBER 26, 1997*
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 PROPERTY. 93L/16E, 93K/13W N.T.S.

CLAIM LOCATION. Scale 1:5...

Fig 2

6.0 PROGRAM OBJECTIVES

Interest in the Babs property stemmed from the occurrence of a Biotite Feldspar Porphyry boulder train bearing copper-gold mineralization similar to the mineralization at the Granisle Cu-Au porphyry deposit located 20 km to the northwest. The 1994 field program attempted to trace and extend the boulder float train to the northwest in the up-ice direction to its source by establishing 32.2 km of gridding over which 393 soils and 15 rock samples were collected, and 40.11 km of magnetometer and 22.95 km of induced polarization surveys were completed.

7.0 REGIONAL GEOLOGY

The Babs property is situated within the northern part of the Interior Plateau, an area of low to moderate relief in which bedrock is largely obscured by glacial drift. The Intermontane Belt, host to most porphyry-copper and molybdenum deposits, is bounded on the east by predominately metamorphic rocks of the Omineca Belt and on the west by granitic and metamorphic rocks of the Coast Crystalline Belt.

Locally the Babs property is underlain by Early Jurassic Topley intrusions ranging from quartz diorite-quartz monzonite to a fine grained rhyolite phase which occur in a northeasterly trending belt as small stocks and batholiths between Morice and Babine Lakes. They occupy the core of the Skeena Arch and represent centres of eruption of lower Jurassic Hazelton Group volcanic rocks. Topley intrusions are host to porphyry-type, low-grade copper and molybdenum mineralization near Babine Lake and south to Morice Lake.

8.0 PROPERTY GEOLOGY (Figure 3)

Numerous angular to subangular boulder float of biotite-feldspar porphyry containing chalcopyrite and magnetite with elevated gold values are located on the Babs-1 mineral claim. Up to 80 boulders measuring from 10 cm to 1.5 m in diameter are confined to an area of up to 150 m wide by 300 m long orientated in a northwest-southeast direction. Assays have returned up to 0.9% Cu and 1.3 gm Au.

Outcrop areas on the Babs property is limited to less than 5% exposure. Much of the ground is covered by glacial till of unknown thickness. Esker ridges are not uncommon surficial features. Outcroppings are confined to steep sided stream banks and ridge tops.

Most common outcrops are medium to coarse grained Topley biotite granodiorite to quartz diorite. In the northern portions of the claim group on L.44+00N and further to the north, outcrops of diorite and biotite granodiorite are exposed. Typically diorites contain trace to <1% pyrite and magnetite which tend to increase to 8% pyrite near its contact with biotite granodiorite, becoming quite magnetic. A similar situation exists to the east of the BFP boulder train between L.0+00 to L6+00N at 8+00E where magnetic biotite granodiorite is exposed and associated with a topographic and magnetic high signature. No economic mineralization was encountered associated with the Topley intrusives. The northern extension of the grid area failed to extend or establish the source of the Cu-Au biotite-feldspar porphyry float.

Two outcrops of particular interest are located in close proximity to the biotite feldspar porphyry float train. At the northern portion of the dispersion train along the south side of Pats Road at co-ordinates 3+00N, 8+75W is a rubbly outcrop/subcrop of quartz eye tuff/quartz eye lapilli tuff which is argillically altered. The second outcrop area of note is located in a borrow pit further to the east along Pat's Road at co-ordinates 1+50N, 5+25W. Here argillically altered quartz eye tuff/lapilli tuff is well fractured with iron staining and locally malachite stained. Rock samples from this area returned elevated and anomalous Cu and silver results to 726 ppm Cu and 16.0 ppm Ag. Although there appears no association between these outcrops and the BFP float, it is of interest in light of the 1993 drill program where drill hole NB93-8 intersected similar stratigraphy reporting 10.4 m of 0.21% Cu and geochemically anomalous Ag values to 12.0 ppm. The distance between NB93-8 and the borrow pit is approximately 400 m. In 1992 Equity Silver Mines completed a 7 hole NQ drill program, four of seven holes tested bedrock to a maximum coring depth of 4.1 m. Relogging and sampling of Equity's drill holes returned 0.34% Cu/3 m, representing the sum of all core drilled in DDH 92-6 with mineralization left open in all directions.

A total of 15 rock samples were collected for analysis with results attached as Appendix I and locations outlined on Figure 3.

9.0 SOIL GEOCHEMICAL SURVEY

Soil geochemical surveys were conducted over cut and picket lines and compass flagged and chained line extensions. Samples were collected at 75 m intervals on line spacings of 200 m to 400 m. A total of 398 soil samples were collected over 32.2 line kilometers of gridding. Results of the geochemical survey are presented on Figure 4 which include soil results from Equity Silver Mines 1992 survey. Sample analysis and procedures are attached as Appendix II.

Soil samples were collected from the B soil horizon where practical to depths of 60 cm with the aid of a mattock. Soils are typically light brown to grey-brown in color. Samples were placed in kraft sample bags and air dried prior to shipping to Noranda's Delta Lab located at Unit 1, 7550 - 76 Street, Delta, B.C.

Results of the regional soil geochem survey failed to reveal a source to the anomalous BFP boulder float train in its up ice direction. The source of these boulder fragments are either locally derived at its present location or possibly glacial erratic fragments removed from the upper levels of the Granisle deposit.

Elevated and anomalous copper geochemical results were extended beyond Equity's 1992 survey area. Anomalous copper results are considered >40 ppm Cu. Contouring of these results outlines a somewhat circular Cu geochemical anomaly measuring 800 m x 900 m in diameter. All but drill hole 92-07 were collared within the anomaly. The BFP boulder float trends to the northwest along the western flank of the anomaly. Elsewhere on the gird, single station copper in soil anomalies are not considered significant. Two areas of multi station anomalous results occur at BL 800W, L2000N and approximately 525S between L1000W and L800W. The southern anomaly may be significant in that an outcrop of rhyolitic tuff/lapilli tuff is proximal to the anomaly and is similar to the copper bearing rhyolite tuffs seen in outcrop on Pat's Road.

10.0 GEOPHYSICAL SURVEYS

Peter E. Walcott and Associates, 605 Rutland Court, Coquitlam, B.C. V3J 3T8, were contacted by Noranda Exploration Company, Limited (No Personal Liability) to conduct IP/Resistivity and magnetometer surveys on the Babs Property.

The work was performed between May 31st and June 24th, 1994. In total 40.11 line kilometers of magnetometer readings (12.5 m station separation) and 22.95 line kilometers of pole-dipole array IP/Resistivity (n=1 to 4) were collected.

EDA OMNI IV Base and Mobile magnetometers (see Equipment Specifications in Appendix IV) were used throughout. The IP/Resistivity equipment consisted of a BRGM IP-6 Receiver, Phoenix IPT-1 Transmitter and MG-2 motor generator. The results were all reduced and plotted using Geosoft software.

Map products included in this report include one pseudo-section per line, with interpretation bars, a contoured filtered chargeability plan map and a contoured ground total field magnetics map. The individual magnetometer readings are presented in a printout of line, station, raw and diurnal corrected values.

The lines surveyed are as follows:

IP/RESISTIVITY

Line	800.0S	1325.0W	to	625.0E
	400.0S	1325.0W	to	100.0E
	0.0	2225.0W	to	100.0E
	200.0N	1325.0W	to	850.0E
	400.0N	2525.0W	to	100.0E
	600.0N	1325.0W	to	25.0E
	800.0N	2525.0W	to	100.0E
	1200.0N	2725.0W	to	100.0W
	1600.0N	2725.0W	to	50.0E
	4400.0N	3925.0W	to	1075.0W

MAGNETOMETER

Line	800.0S	1375.0W	to	750.0E
	400.0S	1400.0W	to	187.5E
	0.0	2300.0W	to	1175.0E
	100.0N	800.0W	to	250.0E
	200.0N	2300.0W	to	1200.0E
	300.0N	800.0W	to	1200.0E
	400.0N	2300.0W	to	1200.0E
	500.0N	800.0W	to	1187.5E
	600.0N	2300.0W	to	1200.0E
	800.0N	2800.0W	to	1200.0E
	1200.0N	2800.0W	to	1200.0E
	1600.0N	2787.5W	to	1200.0E
	2000.0N	2800.0W	to	800.0W
Tie Line	200.0E	800.0S	to	0.0
	800.0W	0.0	to	2000.0N
	1200.0W	350.0S	to	250.0N

INTERPRETATION

The chargeability plan map highlights an arcuate area with readings in excess of 15 mV/V that could be indicative of a portion of a pyrite halo. Generally the IP "crescent" is coincident with a magnetic low that is dissected by a east-west trending andesite dyke (or series of small densely packed dykes). To the east the magnetic field intensity increases and is interpreted as being coincident with Topley granite. North of the andesite dyke the magnetic gradient, to the west of the "Topley granite", is shallow, south of the dyke it is steep. This could indicate block rotation about an ENE trending fault. Several ENE trending magnetic lineaments transect the magnetic response of the "Topley granite".

CONCLUSION

A conventional approach to porphyry deposit explanation in the Cordillera could focus work on the central core of an annular feature. In the case of the Babs Property only the western portion of such a feature or a crescent shaped pyrite halo may be resolved with the Topley granite replacing what may have been the eastern side.

RECOMMENDATIONS

Further geophysical work might be considered south of line 800.0S. Additional IP/Resistivity coverage could be obtained in the vicinity of line 4400.0N on the ground that lies between the semi-circular IP anomaly and the Topley granite.

11.0 CONCLUSIONS

The following conclusions have been drawn from the results of the 1994 exploration program.

1) The source of the BFP float was not located in the up ice direction to the northwest of its present location.

2) Copper in float occurs in close association with ± magnetite and disseminations and veinlets, rather than pyrite. Some of the boulders possess an extremely fine grained to aphanitic matrix, suggesting a very high-level intrusion, and at least one of the mineralized boulders is a breccia consisting of fragments of different types of biotized BFP. These features suggest that the source of the boulders were derived from the upper part of the low-sulphide copper core of a good grade porphyry copper deposit, possibly related to a dyke/breccia complex (i.e. Granisle).

3) Outcrop exposure is limited to less than 5% over 90% of the property. The majority of exposures are Topley granodiorite to diorite intrusive rocks. To date, no significant mineralization has been located associated with these intrusives. The rhyolitic fragmental and flow rocks which host pyrite, chalcopyrite mineralization are argillically altered and may represent a near vent environment. The unit is most significant since it carries elevated and anomalous copper-silver results which are poorly exposed. A prominent N-S trending magnetic high, located 900 m east of BL800W, marks the eastern position of the Topley intrusive.

4) Equity's 1992 drill program failed to adequately test the stratigraphy underlying the Copper Geochemical Anomaly. Drill holes 92-04 to 92-07 were cored to a maximum depth of 4.6 m into bedrock. None of the drill holes were assayed. Relogging and splitting returned a best result of 0.34% Cu/3.0 m in 92-06.

12.0 RECOMMENDATIONS

Based on the findings of the 1994 program the following recommendations are being proposed.

1) Extend soil geochemical coverage to the south of L400S and northeast of BL800W to better define open-ended copper soil anomalies.

2) A drill hole is proposed at co-ordinates L0N, 6+50W to evaluate a coincident I.P. high and magnetic low geophysical feature within the circular copper geochemical anomaly.

APPENDIX I

ROCK GEOCHEM ANALYSIS
AND
SAMPLE DESCRIPTIONS

NORANDA DELTA LABORATORY

Geochemical Analysis

Project Name & No.: BABS – 45178 **Geol.:** A.D. **Date received:** JUNE 08 **LAB CODE:** 9406–008

Material: 15 Rx **Sheet:** 1 of 1 **Date completed:** JUNE 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 $HClO_4/HNO_3$ (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
3	87677 s	20	0.8	6.56	38	48	0.5	5	0.99	1.1	56	31	12	290	12.25	0.29	21	28	3.75	5000	19	0.06	7	0.08	146	68	0.07	110	340
5	87682	5	0.4	3.08	3	173	0.4	5	1.08	0.9	63	19	7	41	4.77	0.50	19	13	1.37	1335	4	0.12	7	0.08	299	82	0.15	99	134
6	87684	10	0.2	4.59	5	107	0.5	5	1.93	1.0	68	16	11	25	6.50	0.58	18	17	2.01	4669	4	0.08	9	0.11	12	210	0.19	197	193
7	87851	5	0.2	3.38	29	142	0.4	5	1.44	0.7	74	12	10	33	5.79	0.51	21	13	1.40	1490	1	0.08	6	0.13	18	130	0.28	156	136
8	87852	20	0.2	2.13	20	178	0.3	5	0.33	0.4	42	16	10	23	4.32	0.31	15	16	1.58	628	2	0.11	8	0.06	54	22	0.24	116	90
9	87853	5	0.2	3.90	6	159	0.5	5	0.98	0.5	57	19	6	28	5.09	0.74	19	14	1.77	1470	1	0.09	6	0.11	6	76	0.16	135	139
10	87859	5	0.2	1.21	4	97	0.4	5	0.30	0.2	58	4	5	8	2.25	0.37	23	5	0.42	1038	1	0.10	3	0.07	11	33	0.14	27	71
11	87876	5	0.2	2.23	2	49	0.9	5	0.05	0.2	100	2	7	59	1.33	0.82	45	7	0.11	492	5	0.05	7	0.03	22	8	0.02	18	32
12	87877	5	0.8	0.59	27	17	0.2	5	0.01	0.2	38	1	9	193	1.31	0.22	14	1	0.02	61	52	0.09	6	0.01	4	2	0.01	3	21
13	87878	5	16.0	1.21	61	30	0.4	5	0.01	0.2	116	1	3	726	1.28	0.47	49	1	0.04	40	1	0.04	1	0.01	3	3	0.02	2	28
14	87879	10	0.2	1.87	6	41	0.4	5	0.85	0.2	62	7	12	12	2.36	0.40	18	7	0.89	822	1	0.14	11	0.08	11	57	0.08	52	56
15	87880	5	0.2	0.73	4	50	0.4	5	0.41	0.2	66	2	9	7	1.41	0.19	23	3	0.20	414	2	0.08	7	0.03	5	18	0.09	12	24
16	87881	5	0.2	0.63	3	64	0.2	5	0.44	0.2	40	3	10	7	1.40	0.16	11	3	0.29	350	1	0.13	5	0.05	3	45	0.14	32	24
17	87882	5	0.4	2.61	3	23	1.3	5	0.03	0.2	62	3	2	264	0.67	0.96	23	6	0.05	261	1	0.04	3	0.01	10	4	0.02	3	43
18	87883	5	0.2	3.03	2	53	1.1	5	0.05	0.3	50	2	6	29	0.71	1.14	21	6	0.12	359	2	0.04	9	0.02	16	4	0.02	12	65

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APPENDIX II

SOIL GEOCHEM ANALYSIS/PROCEDURE
AND
SAMPLE DESCRIPTIONS

ANALYTICAL METHOD DESCRIPTIONS FOR GEOCHEMICAL ASSESSMENT REPORTS

The methods listed are presently applied to analyse geological materials by the Noranda Geochemical Laboratory at Vancouver.

Preparation of Samples:

Sediments and soils are dried at approximately 80°C and sieved with a 80 mesh nylon screen. The -80 mesh (0.18 mm) fraction is used for geochemical analysis.

Rock specimens are pulverized to -120 mesh (0.13 mm). Heavy mineral fractions (panned samples * from constant volume), are analysed in its entirety, when it is to be determined for gold without further sample preparation.

Analysis of Samples:

Decomposition of a 0.200 g sample is done with concentrated perchloric and nitric acid (3:1), digested for 5 hours at reflux temperature. Pulps of rock or core are weighed out at 0.4 g and chemical quantities are doubled relative to the above noted method for digestion.

The concentrations of Ag, Cd, Co, Cu, Fe, Mn, Mo, Ni, Pb, V and Zn can be determined directly from the digest (dissolution) with a conventional atomic absorption spectrometric procedure. A Varian-Techtron, Model AA-5 or Model AA-475 is used to measure elemental concentrations.

Elements Requiring Specific Decomposition Method:

Antimony - Sb: 0.2 g sample is attacked with 3.3 ml of 6% tartaric acid, 1.5 ml conc. hydrochloric acid and 0.5 ml of conc. nitric acid, then heated in a water bath for 3 hours at 95°C. Sb is determined directly from the dissolution with an AA-475 equipped with electrodeless discharge lamp (EDL).

Arsenic - As: 0.2 - 0.3 g sample is digested with 1.5 ml of perchloric 70% and 0.5 ml of conc. nitric acid. A Varian AA-475 equipped with an As-EDL is used to measure arsenic content in the digest.

Barium - Ba: 0.1 g sample digested overnight with conc. perchloric, nitric and hydrofluoric acid; Potassium chloride added to prevent ionization. Atomic absorption using a nitrous oxide-acetylene flame determines Ba from the aqueous solution.

Bismuth - Bi: 0.2 - 0.3 g is digested with 2.0 ml of perchloric 70% and 1.0 ml of conc. nitric acid. Bismuth is determined directly from the digest with an AA-475 complete with EDL.

Gold - Au: 10.0 g sample is digested with aqua regia (1 part nitric and 3 parts hydrochloric acid). Gold is extracted with MIBK from the aqueous solution. AA is used to determine Au.

Magnesium - Mg: 0.05 - 0.10 g sample is digested with 4 ml perchloric/nitric acid (3:1). An aliquot is taken to reduce the concentration to within the range of atomic absorption. The AA-475 with the use of a nitrous oxide flame determines Mg from the aqueous solution.

Tungsten - W: 1.0 g sample sintered with a carbonate flux and thereafter leached with water. The leachate is treated with potassium thiocyanate. The yellow tungsten thiocyanate is extracted into tri-n-butyl phosphate. This permits colourimetric comparison with standards to measure tungsten concentration.

Uranium - U: An aliquot from a perchloric-nitric decomposition, usually from the multi-element digestion, is buffered. The aqueous solution is exposed to laser light, and the luminescence of the uranyl ion is quantitatively measured on the UA-3 (Scintrex).

N.B.: If additional elemental determinations are required on panned samples, state this at the time of sample submission. Requests after gold determinations would be futile.

LOWEST VALUES REPORTED IN PPM:

Ag - 0.2	Mn - 20	Zn - 1	Au - 0.01
Cd - 0.2	Mo - 1	Sb - 1	W - 2
Co - 1	Ni - 1	As - 1	U - 0.1
Cu - 1	Pb - 1	Ba - 10	
Fe - 100	V - 10	Bi - 1	

NORANDA DELTA LABORATORY

Geochemical Analysis

Project Name & No.: BABS – 45178 **Geol.:** J.W. **Date received:** JUNE 24 **LAB CODE:** 9406–020

Material: 41 Soils **Sheet:** 1 of 2 **Date completed:** JULY 06

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 $HClO_4/HNO_3$ (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.	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
3	4S–25E	0.2	2.10	4	164	0.2	5	0.28	0.2	30	5	69	13	2.52	0.21	12	10	0.20	214	1	0.06	8	0.07	3	40	0.19	73	112
4	50W	0.2	2.67	11	261	0.4	5	0.51	0.2	46	7	55	27	2.89	0.30	20	11	0.40	485	1	0.06	16	0.05	2	60	0.18	77	75
5	100E	0.2	2.13	12	192	0.4	5	0.29	0.2	32	7	46	19	3.06	0.24	12	12	0.32	350	1	0.06	12	0.08	8	44	0.17	74	110
6	125W	0.2	4.57	20	457	0.7	5	0.62	0.4	61	12	43	66	3.92	0.39	35	22	0.59	770	1	0.09	27	0.07	7	71	0.18	98	147
7	175E	0.2	1.80	6	138	0.3	5	0.27	0.2	34	4	46	10	2.37	0.19	12	9	0.20	215	1	0.06	7	0.06	5	41	0.19	63	136
8	4S–200W *	1.2	6.24	30	834	0.9	5	1.87	1.5	78	13	31	111	4.90	0.51	36	23	0.64	2962	3	0.09	45	0.18	11	131	0.14	112	170
9	BL.28–2150N	0.2	2.94	9	209	0.3	5	0.32	0.5	33	11	48	15	3.71	0.29	12	18	0.35	572	1	0.07	12	0.12	8	42	0.20	95	225
10	2300	0.2	2.40	8	244	0.4	5	0.47	0.2	54	7	46	33	2.61	0.32	24	10	0.39	557	1	0.06	14	0.05	6	57	0.17	71	69
11	2450	0.2	2.55	12	265	0.3	5	0.47	0.2	33	10	42	25	3.03	0.28	10	10	0.35	632	1	0.05	16	0.07	4	52	0.16	80	65
12	BL.28–2600N *	0.4	5.77	22	593	1.3	5	1.26	0.6	112	11	42	346	4.42	0.51	139	26	0.61	1154	11	0.08	35	0.08	8	94	0.15	109	110
13	BL.28–2750N	0.2	2.65	13	201	0.3	5	0.34	0.5	31	10	54	17	3.71	0.30	12	14	0.34	441	1	0.06	14	0.07	6	46	0.18	95	91
14	2900	0.2	1.74	9	170	0.4	5	0.31	0.6	38	6	59	25	2.19	0.22	16	9	0.18	334	1	0.06	10	0.05	5	47	0.19	75	59
15	3050	0.2	2.06	8	183	0.4	5	0.31	0.6	32	9	66	22	2.90	0.22	12	11	0.22	425	1	0.06	11	0.12	8	42	0.18	78	145
16	3200	0.2	2.40	10	207	0.4	5	0.28	0.4	31	9	67	18	2.44	0.23	12	10	0.21	400	1	0.05	15	0.11	4	39	0.17	69	107
17	BL.28–3350N	0.2	2.54	11	230	0.3	5	0.39	0.4	33	7	51	24	3.18	0.26	12	11	0.27	388	1	0.06	15	0.08	6	49	0.17	85	96
18	BL.28–3500N	0.2	4.94	14	470	0.6	5	0.53	0.5	52	10	47	49	3.74	0.45	23	19	0.50	561	1	0.09	31	0.07	3	71	0.17	99	107
19	3650	0.2	3.19	9	196	0.3	5	0.26	0.2	25	7	53	16	3.38	0.26	10	13	0.28	236	1	0.06	15	0.11	4	42	0.17	85	99
20	3800	0.2	3.09	9	260	0.3	5	0.26	0.4	29	8	53	17	3.14	0.26	11	14	0.35	241	1	0.06	20	0.09	2	49	0.16	78	137
21	3950	0.2	3.35	16	278	0.4	5	0.41	0.6	39	10	55	30	3.31	0.36	16	13	0.46	497	1	0.06	23	0.05	3	66	0.17	88	74
22	BL.28–4250N	0.2	2.38	8	330	0.3	5	0.54	0.5	36	10	48	14	2.90	0.28	11	9	0.25	819	1	0.05	13	0.12	5	59	0.18	77	99
23	44N–1025W	0.2	3.46	16	202	0.3	5	0.22	0.2	29	8	52	26	3.62	0.28	12	14	0.42	297	1	0.06	18	0.07	3	53	0.19	90	79
24	1150	0.2	2.95	10	181	0.3	5	0.29	0.3	34	6	45	15	2.69	0.22	13	10	0.31	250	1	0.07	11	0.04	4	57	0.21	82	60
25	1290	0.2	2.60	15	153	0.2	5	0.32	0.4	33	6	42	14	2.82	0.23	12	9	0.33	277	1	0.06	11	0.07	5	54	0.19	79	63
26	1450	0.2	3.98	8	192	0.5	5	0.21	0.4	28	10	47	24	3.48	0.24	12	14	0.38	284	1	0.06	19	0.08	6	45	0.19	86	114
27	44N–1600W	0.2	3.24	10	173	0.2	5	0.19	0.2	28	6	47	19	3.36	0.22	12	10	0.31	237	1	0.06	15	0.06	5	46	0.19	95	70
28	44N–1750W	0.2	2.76	8	159	0.3	5	0.29	0.3	35	6	60	11	2.73	0.20	13	10	0.20	794	1	0.05	12	0.10	5	42	0.19	76	115
29	1900	0.2	4.29	12	197	0.9	5	0.21	0.4	36	9	40	20	3.60	0.29	16	16	0.40	303	1	0.06	16	0.10	11	43	0.18	78	133
30	2050	0.2	3.11	13	186	0.3	5	0.26	0.5	33	7	50	18	3.26	0.23	13	12	0.31	357	1	0.06	15	0.11	6	46	0.17	82	84
31	2200	0.2	3.49	12	177	0.9	5	0.20	0.7	34	11	53	35	3.44	0.22	15	17	0.31	284	1	0.06	18	0.09	10	47	0.19	96	84
32	44N–2350W	0.2	2.59	5	277	0.2	5	0.28	0.2	29	7	54	16	3.09	0.25	10	10	0.22	376	1	0.05	11	0.08	2	46	0.18	88	87
33	44N–2500W	0.2	2.88	6	195	0.2	5	0.23	0.2	31	5	60	15	2.57	0.22	11	9	0.25	237	1	0.06	10	0.04	2	52	0.19	73	54
34	2650	0.2	3.52	7	263	0.2	5	0.27	0.2	32	6	71	21	2.71	0.29	12	13	0.38	213	1	0.06	18	0.05	2	53	0.18	76	75
35	2800	0.2	3.31	8	276	0.3	5	0.48	0.2	41	9	61	25	3.12	0.32	16	14	0.41	619	1	0.07	19	0.06	2	62	0.19	83	97
36	2950	0.2	2.60	8	195	0.2	5	0.27	0.2	32	5	70	13	3.22	0.25	11	10	0.23	198	1	0.06	11	0.09	4	45	0.22	92	100
37	44N–3100W	0.2	3.08	6	238	0.2	5	0.35	0.6	30	9	47	18	3.55	0.28	10	23	0.35	402	1	0.06	17	0.07	5	52	0.18	88	144

T.T. No.	SAMPLE No.	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
38	44N-3250W	0.2	3.10	16	275	0.3	5	0.71	0.5	50	11	46	26	3.45	0.36	16	10	0.52	1146	1	0.07	20	0.09	4	75	0.17	86	83
39	3400	0.2	2.84	22	252	0.3	5	0.29	0.4	32	10	53	14	3.69	0.26	11	12	0.33	419	1	0.06	19	0.12	5	42	0.19	84	168
40	3475	0.2	3.48	24	294	0.4	5	0.42	0.8	36	16	36	27	4.21	0.36	12	16	0.48	1146	1	0.06	20	0.13	13	47	0.18	101	129
41	3625	0.2	2.54	8	190	0.3	5	0.31	0.3	33	6	48	14	3.21	0.25	13	12	0.30	439	1	0.07	10	0.07	6	43	0.21	95	107
42	44N-3775W	0.2	2.65	8	306	0.3	5	0.60	0.6	44	7	48	28	2.75	0.29	16	9	0.29	738	1	0.06	14	0.13	2	62	0.18	77	138
43	44N-4000W	0.2	2.33	8	258	0.3	5	0.30	0.2	36	8	59	13	3.03	0.21	14	12	0.25	546	1	0.06	11	0.16	4	43	0.19	74	159

PROJECT: Bads 178 DATE: June 17/95 FROM: To Ellenwood

Sample	Horizon	Depth	Colour	Texture	Organics
4S 175E	B	20	L Brown	S/Lsand	15
100	B	15	"	"	20
25	B	25	Brown	"	15
50W	B	25	"	"	15
125	B	30	"	S.Lt.clay	20
200	A	40	Black	clay	40

6 samples

PROJECT: Babs 178 DATE: 17 June 94 FROM: Jo Elke Wood

Sample	Horizon	Depth	Colour	Texture	Organics
BL28 3950 N	B	50	Brown	Silt + Sand	20
3800	C	60	L Brown	Silt	10
3650	B		Brown	Silt + Sand	20
4250	B	30	Brown	Clay Silt	30
3500	B	60	Brn	Clay	10
3350	B	30	Brown	Silt Sand	10
3200	B	30	L Brown	Silt	5
3050	B	30	Brown	Silt sand	15
2900	A/B	70	Brown	Clay Peb	10
2750	B	35	Brown	Sand	15
2600	B	70	Brown	Clay	10
2450	B	25	Brown	sand	20
2300	A	30	Brown	Clay	5
2150	B/C	20	Brown	Sand	15

14 samples

PROJECT: BABS 178 DATE: June 17/94 FROM: Jo Ellewood

Sample	Horizon	Depth	Colour	Texture	Organics
44N 4000W	B	20	R Brown	Silty sand	10
3775	B	40	Brown	clay sand	10
3625	B	30	"	Sand Pebble	5
3475	B	40	Brown	clay sand	5
3400	B	"	L Brown	clay silt	10
3250	A	30	Black	"	10
3100	B	40		clay sand	10
2950	B	40	L Brown	Silt	10
2800	B	20	Brown	clay	10
2650	C	60	"	clay silt	5
2500	B	40	"	"	5
2350	B	30	"	"	10
2200	B	40	R Brown	"	10
2050	B	40	Brown	"	5
1900	B	50	"	"	10
1750	B	10	L Brown	Bedrock outcrop	20
1600	B	40	"	silt sand	10
1450	B	70	Brown	clay pebbles	15
1290	B	40	"	clay sand	10
1150	B	25	"	clay	10
1025	B	20	"	silty pebble	15

21 samples

NORANDA DELTA LABORATORY

Geochemical Analysis

Project Name & No.: BABS – 45178 **Geol.:** R.K. **Date received:** JULY 06 **LAB CODE:** 9407–006

Material: 27 Soils **Sheet:** 1 of 1 **Date completed:** JULY 13

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 $HClO_4/HNO_3$ (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. o.	SAMPLE No.	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
73	2N–225E	0.2	2.48	4	184	0.3	5	0.30	0.5	32	11	41	15	3.05	0.20	13	14	0.28	414	1	0.06	11	0.16	3	40	0.18	72	179
74	300	0.2	2.61	5	191	0.3	5	0.30	0.2	33	13	44	16	3.44	0.21	14	16	0.31	790	1	0.07	10	0.15	5	39	0.20	85	168
75	375	0.2	3.21	7	207	0.5	5	0.33	0.2	40	11	46	24	3.90	0.27	18	17	0.46	419	1	0.07	17	0.14	4	47	0.18	89	117
76	450	0.2	3.24	5	176	0.3	5	0.37	0.6	38	9	34	17	4.19	0.21	15	23	0.49	336	1	0.08	11	0.07	5	54	0.29	125	130
77	2N–525E	0.2	3.22	5	220	0.3	5	0.73	0.6	58	13	29	13	4.10	0.23	20	18	1.39	1150	1	0.08	10	0.06	9	101	0.30	136	126
78	2N–600E	0.2	2.39	2	185	0.2	5	0.33	0.6	38	7	42	13	2.82	0.21	15	13	0.27	243	1	0.07	11	0.11	3	50	0.20	76	90
79	675	0.2	2.91	7	172	0.3	5	0.27	0.2	38	6	36	20	3.15	0.23	15	15	0.27	255	1	0.07	10	0.10	5	49	0.21	86	112
80	750	0.2	2.55	6	215	0.4	5	0.41	0.2	47	9	51	25	3.00	0.30	18	13	0.43	434	1	0.06	16	0.06	6	55	0.18	79	64
81	825	0.2	7.52	2	782	1.0	5	0.90	0.8	112	22	33	133	6.11	0.60	39	33	0.72	2132	1	0.10	52	0.11	8	85	0.16	132	197
82	2N–900E	0.2	3.36	2	217	0.3	5	0.22	0.3	31	8	52	25	3.40	0.28	14	18	0.40	255	1	0.06	19	0.10	2	47	0.17	77	106
83	2N–975E	0.2	2.87	2	212	0.3	5	0.28	0.3	39	9	35	24	2.99	0.28	17	13	0.43	431	1	0.06	16	0.06	2	49	0.18	74	75
84	1050	0.2	4.08	2	257	0.4	5	0.34	0.5	44	9	28	23	3.04	0.39	19	18	0.59	356	1	0.10	17	0.05	4	73	0.20	86	82
85	1125	0.2	2.54	2	158	0.2	5	0.30	0.2	38	7	40	16	2.74	0.24	16	11	0.36	325	1	0.07	11	0.04	3	60	0.20	80	63
86	2N–1200E	0.2	3.43	3	192	0.3	5	0.36	0.4	44	8	30	19	2.91	0.32	18	15	0.46	447	1	0.08	14	0.06	4	67	0.20	79	82
87	4N–225E	0.2	2.78	2	189	0.3	5	0.27	0.3	33	6	32	20	3.10	0.24	14	15	0.38	283	1	0.05	13	0.05	2	39	0.15	72	80
88	4N–300E	0.2	2.38	2	138	0.2	5	0.28	0.4	35	6	51	10	2.28	0.19	14	11	0.20	333	1	0.06	8	0.10	4	42	0.18	63	82
89	375	0.4	5.14	3	640	0.6	5	1.35	1.2	85	16	30	54	4.19	0.33	26	29	0.57	4839	17	0.07	28	0.11	5	101	0.14	106	109
90	450	0.2	2.03	2	171	0.3	5	0.44	0.5	50	6	27	16	2.33	0.23	20	9	0.40	377	1	0.05	9	0.05	4	52	0.15	63	60
91	525	0.2	2.68	5	191	0.3	5	0.28	0.2	31	9	51	20	3.42	0.26	14	17	0.36	340	1	0.06	14	0.07	2	44	0.18	82	112
92	4N–625E	0.2	5.25	3	449	0.6	5	0.98	0.6	60	10	38	71	3.76	0.54	30	24	0.67	656	1	0.09	29	0.09	5	88	0.17	102	106
93	4N–700E	0.2	2.32	3	184	0.3	5	0.36	0.2	36	8	43	23	2.97	0.27	14	12	0.39	312	1	0.05	13	0.06	2	51	0.17	73	64
94	775	0.2	2.87	5	237	0.4	5	0.38	0.3	36	9	48	25	3.30	0.33	15	16	0.46	399	1	0.06	18	0.11	2	51	0.17	81	126
95	850	0.2	3.30	2	194	0.3	5	0.25	0.2	33	6	43	15	2.91	0.29	15	15	0.25	297	1	0.06	10	0.11	4	47	0.19	81	111
96	925	0.2	3.50	2	196	0.3	5	0.25	0.2	38	7	29	17	2.91	0.30	17	15	0.42	326	1	0.07	14	0.05	2	63	0.21	82	71
97	4N–1050E	0.2	3.15	2	177	0.2	5	0.27	0.2	37	8	32	16	2.94	0.24	17	16	0.45	332	1	0.07	13	0.05	3	60	0.19	78	88
98	4N–1125E	0.2	3.02	8	219	0.4	5	0.58	0.4	59	12	27	29	3.93	0.29	23	15	0.99	705	1	0.06	13	0.08	4	83	0.17	108	100
99	4N–1200E	0.2	1.82	2	134	0.2	5	0.31	0.2	35	4	35	11	1.62	0.19	14	7	0.20	283	1	0.05	6	0.05	4	46	0.17	60	53

L 200N

PROJECT: Babs 17Y DATE: June 25/94 FROM: So. Belle Coast

Sample	Horizon	Depth	Colour	Texture	Organics
2N 225E	A	15	BLK	Pebbly sand	10%
300	"	"	"	"	20
375	"	20	"	"	10
450	B/C	25	"	Silty sand	"
525	B	15	"	"	15
600	"	"	"	"	10
675	"	25	"	"	20
750	"	20	"	"	15
825	A	20	BLACK	Silty Clay	40
900	B	20	Brown	Sandy Silt	10
975	B	10	"	"	"
1050	"	15	"	Silty Clay	15
1125	"	"	"	"	25
1200	"	25	"	"	20

14 samples

4 WIN

PROJECT: BABS 178 DATE: June 25/94 FROM: J. Ellwood

Sample	Horizon	Depth	Colour	Texture	Organics
4N 225E	B	20	R.Brn	Silty clay	10
300	C	30	"	Silt	10
375	A	40	Black	Humus/Clay	20
450	B	30	BRN	Clay	10
525	B	"	"	Silt	"
625	"	40	"	Clay	"
700	"	20	"	Silt/Sand	"
775	A/B	10	"	Clay Pebbles	"
850	B	30	"	Silt	5
925	"	"	"	Clay	10
1050	"	20	"	"	"
1125	"	10	"	Sand Pebbles	5
1200	A/B	20	Black/Grey	Humus/Clay	"

3 samples

NORANDA DELTA LABORATORY

Geochemical Analysis

Project Name & No.: BABS – 45178 **Geol.:** A.D. **Date received:** JUNE 08 **LAB CODE:** 9406–008

Material: 1 Silt, 82 Soils & 15 Rx **Sheet:** 1 of 2 **Date completed:** JUNE 09

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 $HClO_4/HNO_3$ (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.	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
103	87690 silt	0.2	3.55	4	412	0.5	5	0.87	0.5	65	13	37	38	3.76	0.33	24	15	0.47	3152	1	0.07	20	0.09	4	82	0.15	84	150
104	87676 soil	0.2	5.70	2	553	0.7	5	0.29	0.2	47	12	12	116	6.85	0.86	20	17	1.06	864	14	0.08	10	0.14	55	137	0.17	140	126
105	87678	0.2	4.67	6	225	0.6	5	1.31	0.2	49	16	17	32	5.61	0.35	14	19	0.97	1112	5	0.05	7	0.13	13	210	0.22	141	145
106	87679	0.2	3.66	2	432	0.4	5	0.58	0.2	46	7	25	25	4.78	0.39	17	9	0.40	1984	2	0.07	7	0.17	10	124	0.21	108	71
107	87680	0.2	2.29	2	177	0.2	5	0.28	0.5	33	8	38	19	2.82	0.19	13	9	0.30	1207	1	0.05	10	0.05	7	47	0.17	76	68
108	87681	0.2	3.14	7	275	0.4	5	0.73	0.2	54	13	36	33	3.46	0.39	18	12	0.68	849	1	0.07	17	0.08	6	73	0.18	90	90
109	87683	0.2	6.11	74	892	1.3	5	1.73	0.6	75	102	14	165	8.45	0.47	20	18	0.85	3361	13	0.06	16	0.15	49	265	0.16	118	252
110	87685	0.2	4.78	2	362	0.7	5	0.72	0.2	64	12	34	63	3.80	0.52	26	20	0.70	829	1	0.08	23	0.10	22	77	0.14	94	126
111	87686	0.2	2.54	3	213	0.4	5	0.39	0.2	44	10	37	30	2.95	0.29	14	10	0.41	751	1	0.05	12	0.08	6	62	0.16	75	80
112	87687	0.2	4.08	2	326	0.5	5	0.41	0.2	44	9	16	25	4.05	0.84	15	11	0.47	567	23	0.08	12	0.08	205	70	0.15	94	81
113	87688	1.6	2.31	2	163	0.2	5	0.35	0.2	39	7	48	16	2.69	0.19	11	10	0.32	329	1	0.05	10	0.08	4	46	0.16	75	74
114	87689	0.2	3.48	2	196	0.4	5	0.72	0.2	56	8	27	20	3.18	0.30	16	13	0.45	618	1	0.06	13	0.08	5	100	0.18	80	87
115	87854	0.2	2.27	5	148	0.2	5	0.31	0.2	40	7	36	19	2.82	0.21	11	10	0.33	316	1	0.05	10	0.07	5	43	0.18	74	78
116	87855	0.2	2.32	7	202	0.3	5	0.34	0.2	44	7	40	18	2.83	0.22	12	11	0.30	258	1	0.06	10	0.09	6	44	0.18	76	67
117	87856	0.2	2.78	5	204	0.3	5	0.35	0.2	50	10	36	27	3.16	0.27	17	11	0.43	424	1	0.06	13	0.06	8	49	0.18	83	71
118	87857	0.2	2.48	3	149	0.2	5	0.21	0.2	32	7	46	16	2.98	0.18	11	11	0.25	213	1	0.05	12	0.08	6	32	0.17	78	63
119	87858	0.2	2.86	5	110	0.2	5	0.18	0.2	32	5	46	13	2.59	0.15	12	9	0.25	196	1	0.05	10	0.07	7	33	0.19	82	56
120	87860	0.2	2.58	2	177	0.2	5	0.22	0.2	31	10	41	16	2.65	0.18	11	14	0.22	1030	1	0.05	10	0.14	5	28	0.17	73	130
121	87861	0.2	3.22	2	186	0.4	5	0.22	0.2	30	8	54	19	3.22	0.20	10	13	0.28	270	1	0.05	14	0.11	2	33	0.18	78	132
122	87862	0.2	2.22	5	186	0.2	5	0.24	0.2	28	7	47	17	2.65	0.20	9	9	0.29	337	1	0.05	12	0.05	2	35	0.16	67	65
123	87863	0.2	3.32	4	166	0.5	5	0.18	0.2	33	9	41	18	3.43	0.16	12	12	0.25	862	1	0.05	11	0.14	6	29	0.17	83	105
124	87864	0.2	3.22	4	325	0.4	5	0.24	0.3	34	10	43	20	2.66	0.22	11	11	0.32	1040	1	0.05	17	0.09	5	34	0.16	66	166
125	87865	0.2	2.21	4	200	0.2	5	0.32	0.3	36	7	49	13	2.70	0.20	10	11	0.28	352	1	0.05	10	0.08	3	39	0.17	70	100
126	200N–25E	0.2	2.05	7	126	0.2	5	0.27	0.2	34	5	47	14	2.86	0.20	10	11	0.25	224	1	0.06	7	0.05	6	36	0.18	83	112
127	200N–100E	0.2	1.84	4	108	0.2	5	0.23	0.2	33	3	41	10	2.17	0.14	10	9	0.16	167	1	0.06	4	0.04	4	34	0.18	69	73
128	200N–200E	0.2	1.61	4	111	0.2	5	0.22	0.2	27	3	41	7	1.56	0.16	10	8	0.16	136	1	0.05	4	0.03	4	32	0.14	52	52
129	200N–50W	0.2	1.83	3	142	0.2	5	0.32	0.2	34	5	34	12	1.73	0.17	12	9	0.24	212	1	0.05	7	0.03	5	40	0.14	52	58
130	125	0.2	3.02	5	301	0.4	5	0.53	0.3	50	8	48	34	3.12	0.23	22	16	0.42	440	2	0.06	15	0.05	8	51	0.15	77	191
131	250	0.2	2.73	2	263	0.4	5	0.40	0.2	43	11	47	39	2.85	0.28	12	11	0.40	785	1	0.05	14	0.06	5	47	0.15	75	80
132	200N–325W	0.4	2.52	36	202	0.4	5	0.31	0.2	44	8	41	115	2.92	0.29	13	9	0.35	525	1	0.05	11	0.06	10	43	0.15	66	130
133	200N–400W	0.4	1.32	2	105	0.2	5	0.28	0.2	32	1	40	8	1.10	0.13	9	3	0.09	181	1	0.05	3	0.03	3	35	0.15	46	33
134	475	0.2	2.08	2	146	0.2	5	0.29	0.2	35	5	40	17	2.63	0.19	9	9	0.26	263	1	0.05	8	0.07	5	39	0.16	65	64
135	550	0.2	2.06	2	155	0.2	5	0.30	0.2	35	5	42	15	2.08	0.18	11	9	0.28	223	1	0.05	8	0.04	5	41	0.16	60	55
136	625	0.2	2.22	6	146	0.3	5	0.31	0.2	35	6	37	19	2.71	0.22	12	10	0.30	262	1	0.05	10	0.09	7	43	0.16	64	83
137	200N–700W	0.2	1.82	3	109	0.2	5	0.28	0.3	33	5	45	13	2.15	0.18	11	8	0.17	397	1	0.06	6	0.06	11	36	0.17	61	106

14/06 vane off

T.T. No.	SAMPLE No.	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
138	200N-775W	0.2	1.84	3	181	0.3	5	0.34	0.2	38	5	38	24	2.05	0.20	14	7	0.15	421	1	0.06	6	0.06	8	39	0.15	60	66
139	850	0.2	2.01	2	136	0.2	5	0.24	0.3	31	5	44	12	2.31	0.17	12	9	0.20	198	1	0.06	7	0.07	7	38	0.17	63	98
140	925	0.2	2.66	3	200	0.3	5	0.28	0.3	36	8	48	26	2.85	0.24	13	15	0.28	298	1	0.06	10	0.12	8	39	0.17	73	195
141	1000	0.2	1.85	5	142	0.3	5	0.28	0.4	25	6	46	18	2.32	0.19	10	10	0.19	350	1	0.05	6	0.10	2	38	0.17	63	141
142	200N-1075W	0.2	2.94	23	243	0.6	5	0.70	0.2	44	7	44	156	2.51	0.26	19	14	0.42	644	3	0.06	12	0.05	5	62	0.18	74	115
143	200N-1125W	0.2	2.25	8	242	0.4	5	0.52	0.2	45	10	46	36	3.02	0.30	16	9	0.39	705	1	0.06	13	0.06	4	55	0.16	72	81
144	1200	0.2	1.86	7	171	0.3	5	0.36	0.2	40	6	45	23	2.25	0.23	13	8	0.28	577	1	0.05	9	0.05	21	41	0.14	59	82
145	1275	0.2	2.11	10	302	0.3	5	0.72	0.2	41	7	46	23	2.62	0.26	13	9	0.30	872	1	0.06	10	0.08	4	55	0.16	73	115
146	1325	0.2	2.37	4	235	0.3	5	0.45	0.2	46	7	44	21	2.14	0.17	19	13	0.30	425	1	0.06	11	0.04	3	48	0.16	61	89
147	200N-1400W	0.2	1.86	9	182	0.2	5	0.30	0.2	32	6	40	16	2.37	0.21	12	8	0.23	261	1	0.06	9	0.08	2	37	0.15	65	61
148	200N-1475W	0.2	1.88	4	140	0.2	5	0.32	0.2	30	6	48	11	2.43	0.19	11	8	0.19	253	1	0.05	9	0.16	3	33	0.16	61	70
151	1550	0.2	2.02	2	149	0.3	5	0.28	0.2	30	5	39	20	2.78	0.22	10	9	0.29	267	1	0.05	9	0.07	4	41	0.16	71	57
152	1625	0.2	1.48	4	148	0.2	5	0.46	0.2	32	3	42	14	1.53	0.13	9	5	0.13	152	1	0.05	4	0.03	2	42	0.15	56	54
153	1700	0.2	2.79	2	206	0.3	5	0.31	0.2	32	7	44	13	2.81	0.21	10	13	0.29	1152	1	0.07	8	0.10	3	39	0.21	81	172
154	200N-1775W	0.2	4.21	2	212	0.6	5	0.23	0.2	33	11	34	14	3.95	0.20	11	16	0.28	817	1	0.06	10	0.30	5	30	0.19	90	237
155	200N-1850W	0.2	2.45	2	162	0.2	5	0.26	0.2	32	6	32	14	2.51	0.25	10	11	0.23	1241	1	0.07	6	0.08	5	37	0.18	75	108
156	1925	0.2	2.06	2	110	0.2	5	0.26	0.2	34	4	53	9	2.21	0.14	10	7	0.14	295	1	0.06	5	0.12	4	37	0.17	60	82
157	2000	0.2	2.96	2	283	0.4	5	0.65	0.4	51	9	35	28	2.79	0.27	17	12	0.67	528	1	0.06	12	0.07	9	65	0.18	91	105
158	2075	0.2	1.93	2	140	0.2	5	0.29	0.3	31	4	67	15	2.31	0.18	10	10	0.20	199	1	0.07	5	0.04	4	37	0.21	80	137
159	200N-2150W	0.2	2.42	2	192	0.2	5	0.33	0.5	38	8	39	12	2.64	0.25	14	14	0.27	889	1	0.07	6	0.08	6	47	0.20	80	188
160	200N-2225W	0.2	2.29	2	155	0.2	5	0.28	0.4	32	7	41	13	2.75	0.19	11	14	0.28	380	1	0.06	7	0.07	5	36	0.17	75	170
161	200N-2300W	0.2	1.77	2	121	0.2	5	0.30	0.2	28	4	36	9	2.18	0.16	9	8	0.18	234	1	0.07	4	0.03	2	39	0.19	71	78

1 silt
82 Soils
15 Rx

ICP - Silt, Soil, Rx
Au - Rx only, W/R @ Acme

9406-008

Date recd June 8*

A. DRAKE

PROJECT: Babs PN178 **DATE:** 06 June 94 **FROM:** 1994 GRID

Sample	Horizon	Depth	Colour	Texture	Organics
L200N; 1400W	C-HZ	30cm	Red Brown	Clay	5%
1325W	B	30	Red Brown	Sand/clay	10%
1275W	B	30	Brown	Sand	15%
1475W	C	30	Red Brown	clay	1%
1625W	B	30	Grey	Clay/Sand	10%
2075W	B	15	Brown	Sandy	10%
1700W	B	10	Red Brown	clay/Sand	5%
2150W	B	20	Brown	Sandy	5%
2225W	C	30	Brown	Sandy	10%
475W	B	10	Red Brown	clay, Sand	10%
550W	B	10	LT. Brown	clay	<5%
700W	B	30	Brown	Sandy	5%
925W	B	20	Red Brown	clay/Sand	5%
625W	B	20	Red Brown	Sandy	<5%
2000W	B	30	GREY	clay	10%
1850W	B	20	Brown	clay/sand	10%
1925W	B	10	Red Brown	Clay	10%
1550W	B	30	Brown	clay/sand	5%
1775W	C	20	Red Brown	Sandy	10%
2300N	B	10	LT BROWN	Clay	1%
125W	B	30	Brown	Sandy	1%
325W	B	20	Brown	Sandy	1-2%
250W	B	20	LT Brown	clay/sand	5%
850W	B	25	Red Brown	clay/sand	5%
1000W	B	30	Red Brown	Clay	5%

Soils SBC 178

SOIL 9406-008

4 Boxes (1 box delivered to Next Lab)

PROJECT: Babs PN178 DATE: 06 June 94 FROM: A. DRAKE 1994 GRID

Sample	Horizon	Depth	Colour	Texture	Organics
L200N; 775W	B	25	DK. BROWN	Clay/Sand	5-10%
1200W	B	10	Brown	clay/Sand	10%
1075W	B	30	BLACK	clay	10%
1125W	B	10	BROWN	Clay/Sand	1%
50W	B	30	BROWN	Clay/Sand	5%
25E	B	20	LT BROWN	Sand	1%
100E	B	30	BROWN	Clay/Sand	1%
400W	B	15cm	GREY	Clay	5%
200E	C	25	BROWN	Sandy	<5%

Soils

RECIE

PROJECT: Babs PM178 DATE: 06 June 94 FROM: A. DRAKE 19946RID

Sample	Horizon	Depth	Colour	Texture	Organics
87678	C	20	BROWN	Sand	
87854	B	30	BROWN	clay/silt	
87689	C	15	BROWN	clay, Sand	
87686	B	15	BROWN	Till	
87676	C	20	BROWN	Sand	
87681	B	20-25	GREY/BRN	Till	
87864	B,C	15	Red Brown	Silt, Sand	
87679	C	20	BROWN	Sand	5% OG
87863	B	25	BROWN	Sand	
87688	B	15	BROWN	Silt/Sand	
87680	C	15	BROWN	Sand	
87856	B	25	BROWN	Sand/clay	
87855	B	25	BROWN	clay/Sand	
87857	B	30	BROWN	Silt/Sand	
* 87690				SILT/Sand	5m w/d stream
87862	B,C	25	BROWN	SLT/Sand	
87861	B	45	BROWN	Clay/Sand	
87865	B	30	BROWN	Sand, Clay	
87685	C	10	BROWN	SILT, Sand	
87683	C	10	BROWN	Sand	
87858	B,C	20	Red Brown	Clay Sand	
87860	B	25	BROWN	Sand	
87687	B,C	10cm	Brown	Sand	

* medium flow rate, middle of stream

A. DRAKE

PROJECT: Babs RN178 **DATE:** 06 June 94 **FROM:** 1994 GR.d

Sample	Horizon	Depth	Colour	Texture	Organics
L 0+00N ; 50W	B	20	Red Brown	Sand/Silt	1-5%
125W	B	25	Red Brown	Sand Silt	1-5
275W	A	60	DK Brown	Sand/Silt	15-20
200W	B	40	Brown	Sand/Silt	1-5%
425W		40cm	DK BROWN	Clay	
575W	C	40-50cm	LT BROWN	TILL	
25E	B	30cm		Sand/Silt	1-5%
350W	B	15cm	Red Brown		1-5%
725W		30-40	LT BROWN	Sandy	
650W		10cm	LT BROWN	Sand	
1050W	A,B	10cm	BLACK	Clay/Silt	10-15%
1175W	B	20	LT BROWN	Sandy Silt	
950W		25	"	TILL	
1325W	B,C	20	LT BROWN	Sandy	
1250	C	150	DK BROWN	SILT/Sand	5%
1025	A,B		GREY/BLACK	Sand/SILT	10%
L 400N ; 1635W	B	35	Med Brown	Sand	
1700W	B	20	Med Brown	Sand	
1775W	B	30	Brown	TILL	
1850W	B	20	Brown	Silt/Sand	
2000	B	30	Red Brown	Silt/Sand	
2300	B	40	BROWN	TILL	
2425	B	40	BROWN	TILL	
2275	B	40	BROWN	TILL	5%
2075	B	25	BROWN	TILL	
2150	B	40	BROWN	TILL	

PROJECT: BABS PV178 DATE: 06 June 94 FROM: A. DRAKE 1994 GRID

Sample	Horizon	Depth	Colour	Texture	Organics
~~###~~					
~~[illegible]~~					
* 87866	Moss Mat	10cm			Moss Mat
~~[illegible]~~					

* 1-2m wide Creek, mod flow.

APPENDIX III

MAGNETOMETER SURVEY READINGS

BABS PROPERTY MAGNETOMETER READINGS
COLLECTED BY PETER E. WALCOTT & ASSOCIATES JUNE 1994

STN	LINE	Y	RAW MAG	CORRECTED MAG
line	2000			
-2800	2000	-2800	57685.4	57825.398
-2787.5	2000	-2787.5	57686.1	57826.101
-2775	2000	-2775	57674.3	57814.300
-2762.5	2000	-2762.5	57676.8	57816.800
-2750	2000	-2750	57682.2	57822.199
-2737.5	2000	-2737.5	57687.4	57827.398
-2725	2000	-2725	57666.6	57806.601
-2712.5	2000	-2712.5	57689.6	57829.601
-2700	2000	-2700	57733.3	57873.300
-2687.5	2000	-2687.5	57709.8	57849.800
-2675	2000	-2675	57716.3	57856.300
-2662.5	2000	-2662.5	57692.7	57832.699
-2650	2000	-2650	57664.7	57804.699
-2637.5	2000	-2637.5	57640.6	57780.601
-2625	2000	-2625	57638.4	57778.398
-2612.5	2000	-2612.5	57666.6	57806.601
-2600	2000	-2600	57677	57817
-2587.5	2000	-2587.5	57688.2	57828.199
-2575	2000	-2575	57687.3	57827.300
-2562.5	2000	-2562.5	57656.9	57796.898
-2550	2000	-2550	57682.2	57822.199
-2537.5	2000	-2537.5	57672.8	57812.800
-2525	2000	-2525	57657.7	57797.699
-2512.5	2000	-2512.5	57653.4	57793.398
-2500	2000	-2500	57644.5	57784.5
-2487.5	2000	-2487.5	57626.4	57766.398
-2475	2000	-2475	57664.4	57804.398
-2462.5	2000	-2462.5	57637.7	57777.699
-2450	2000	-2450	57622	57762
-2437.5	2000	-2437.5	57633.6	57773.601
-2425	2000	-2425	57634.7	57774.699
-2412.5	2000	-2412.5	57619.9	57759.898
-2400	2000	-2400	57603.2	57743.199
-2387.5	2000	-2387.5	57607.3	57747.300
-2375	2000	-2375	57625.7	57765.699
-2362.5	2000	-2362.5	57632.7	57772.699
-2350	2000	-2350	57679.9	57819.898
-2337.5	2000	-2337.5	57669.5	57809.5
-2325	2000	-2325	57810.3	57950.300
-2312.5	2000	-2312.5	57577.7	57717.699
-2300	2000	-2300	57700.7	57840.699
-2287.5	2000	-2287.5	57623.2	57763.199
-2275	2000	-2275	57644.4	57784.398
-2262.5	2000	-2262.5	57663.2	57803.199
-2250	2000	-2250	57669	57809
-2237.5	2000	-2237.5	57666.1	57806.101
-2225	2000	-2225	57688.1	57828.101
-2212.5	2000	-2212.5	57700.5	57840.5
-2200	2000	-2200	57664.9	57804.898
-2187.5	2000	-2187.5	57659.1	57799.101
-2175	2000	-2175	57650.6	57790.601
-2162.5	2000	-2162.5	57671.5	57811.5
-2150	2000	-2150	57668.9	57808.898

-2137.5	2000	-2137.5	57676	57816
-2125	2000	-2125	57695.7	57835.699
-2112.5	2000	-2112.5	57634.6	57774.601
-2100	2000	-2100	57686.9	57826.898
-2087.5	2000	-2087.5	57568.7	57708.699
-2075	2000	-2075	57578	57718
-2062.5	2000	-2062.5	57618	57758
-2050	2000	-2050	57648.1	57788.101
-2037.5	2000	-2037.5	57641.2	57781.199
-2025	2000	-2025	57682.1	57822.101
-2012.5	2000	-2012.5	57691.6	57831.601
-2000	2000	-2000	57680.5	57820.5
-1987.5	2000	-1987.5	57655	57795
-1975	2000	-1975	57658.3	57798.300
-1962.5	2000	-1962.5	57625.5	57765.5
-1950	2000	-1950	57647.3	57787.300
-1937.5	2000	-1937.5	57648.8	57788.800
-1925	2000	-1925	57646.8	57786.800
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-1662.5	2000	-1662.5	57745.6	57885.601
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-1550	2000	-1550	57731.5	57871.5
-1537.5	2000	-1537.5	57707.3	57847.300
-1525	2000	-1525	57716.8	57856.800
-1512.5	2000	-1512.5	57698.9	57838.898
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-1100	2000	-1100	57717.5	57857.5
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-925	2000	-925	57786.1	57926.101
-912.5	2000	-912.5	57787.7	57927.699
-900	2000	-900	57801.1	57941.101
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-875	2000	-875	57813.8	57953.800
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line	1600			
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-2625	1600	-2625	57590.2	57730.199
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-2525	1600	-2525	57565.6	57705.601
-2512.5	1600	-2512.5	57535.1	57675.101
-2500	1600	-2500	57530.6	57670.601
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-2362.5	1600	-2362.5	57662.3	57802.300
-2350	1600	-2350	57666.7	57806.699
-2337.5	1600	-2337.5	57662.6	57802.601
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-2275	1600	-2275	57620	57760
-2262.5	1600	-2262.5	57624.5	57764.5
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-2225	1600	-2225	57608.3	57748.300
-2212.5	1600	-2212.5	57622.9	57762.898
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-750	1600	-750	57587	57727
-737.5	1600	-737.5	57579.7	57719.699
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-550	1600	-550	57855.9	57995.898
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25	1600	25	57891.6	58031.601
37.5	1600	37.5	57921.6	58061.601
50	1600	50	57892.9	58032.898
62.5	1600	62.5	57871.7	58011.699
75	1600	75	57977.2	58117.199
87.5	1600	87.5	58022.8	58162.800
100	1600	100	57921.2	58061.199
112.5	1600	112.5	57892	58032
125	1600	125	57899.5	58039.5
137.5	1600	137.5	57824	57964
150	1600	150	57866.9	58006.898
162.5	1600	162.5	57934.2	58074.199
175	1600	175	57959.1	58099.101
187.5	1600	187.5	57955.3	58095.300
200	1600	200	57935.6	58075.601
212.5	1600	212.5	57850.6	57990.601
225	1600	225	57805.2	57945.199
237.5	1600	237.5	57796.7	57936.699
250	1600	250	57797.6	57937.601
262.5	1600	262.5	57802.8	57942.800
275	1600	275	57833	57973
287.5	1600	287.5	57870.7	58010.699
300	1600	300	57915.8	58055.800
312.5	1600	312.5	57900.9	58040.898
325	1600	325	57916.2	58056.199

337.5	1600	337.5	57878.2	58018.199
350	1600	350	57877.7	58017.699
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375	1600	375	57896.7	58036.699
387.5	1600	387.5	57904.3	58044.300
400	1600	400	57863	58003
412.5	1600	412.5	57835.9	57975.898
425	1600	425	57884.3	58024.300
437.5	1600	437.5	57924.3	58064.300
450	1600	450	57902.4	58042.398
462.5	1600	462.5	57898.6	58038.601
475	1600	475	57926.6	58066.601
487.5	1600	487.5	57948.2	58088.199
500	1600	500	57935.6	58075.601
512.5	1600	512.5	57923.1	58063.101
525	1600	525	57955.7	58095.699
537.5	1600	537.5	58046.6	58186.601
550	1600	550	58106	58246
562.5	1600	562.5	58178.4	58318.398
575	1600	575	58155.4	58295.398
587.5	1600	587.5	58168.1	58308.101
600	1600	600	58197.7	58337.699
612.5	1600	612.5	58217.8	58357.800
625	1600	625	58241.1	58381.101
637.5	1600	637.5	58227.9	58367.898
650	1600	650	58247.5	58387.5
662.5	1600	662.5	58230.9	58370.898
675	1600	675	58228.5	58368.5
687.5	1600	687.5	58196.2	58336.199
700	1600	700	58160.9	58300.898
712.5	1600	712.5	58108.8	58248.800
725	1600	725	58094.7	58234.699
737.5	1600	737.5	58125.5	58265.5
750	1600	750	58102.2	58242.199
762.5	1600	762.5	58119	58259
775	1600	775	58155.1	58295.101
787.5	1600	787.5	58175	58315
800	1600	800	58173.8	58313.800
812.5	1600	812.5	58169.6	58309.601
825	1600	825	58183.6	58323.601
837.5	1600	837.5	58253	58393
850	1600	850	58279.8	58419.800
862.5	1600	862.5	58246.2	58386.199
875	1600	875	58211.7	58351.699
887.5	1600	887.5	58190.7	58330.699
900	1600	900	58214.5	58354.5
912.5	1600	912.5	58162.2	58302.199
925	1600	925	58125.1	58265.101
937.5	1600	937.5	58125.2	58265.199
950	1600	950	58047	58187
962.5	1600	962.5	57876.3	58016.300
975	1600	975	57798.9	57938.898
987.5	1600	987.5	57824.1	57964.101
1000	1600	1000	57855.2	57995.199
1012.5	1600	1012.5	57908.3	58048.300
1025	1600	1025	57985.3	58125.300
1037.5	1600	1037.5	58047.5	58187.5
1050	1600	1050	58141.7	58281.699
1062.5	1600	1062.5	58338.6	58478.601
1075	1600	1075	58422	58562

1087.5	1600	1087.5	58488.9	58628.898
1100	1600	1100	58526.6	58666.601
1112.5	1600	1112.5	58526.9	58666.898
1125	1600	1125	58432.3	58572.300
1137.5	1600	1137.5	58311.4	58451.398
1150	1600	1150	58175.6	58315.601
1162.5	1600	1162.5	58089.3	58229.300
1175	1600	1175	58010.7	58150.699
1187.5	1600	1187.5	57934.7	58074.699
1200	1600	1200	57896.7	58036.699
line	1200			
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-2787.5	1200	-2787.5	57588.3	57728.300
-2775	1200	-2775	57609.9	57749.898
-2762.5	1200	-2762.5	57582.9	57722.898
-2750	1200	-2750	57675.7	57815.699
-2737.5	1200	-2737.5	57493	57633
-2725	1200	-2725	57411.6	57551.601
-2712.5	1200	-2712.5	57493.3	57633.300
-2700	1200	-2700	57494.7	57634.699
-2687.5	1200	-2687.5	57434.7	57574.699
-2675	1200	-2675	57410.7	57550.699
-2662.5	1200	-2662.5	57456.4	57596.398
-2650	1200	-2650	57478.9	57618.898
-2637.5	1200	-2637.5	57532.7	57672.699
-2625	1200	-2625	57430	57570
-2612.5	1200	-2612.5	57348.7	57488.699
-2600	1200	-2600	57391.2	57531.199
-2587.5	1200	-2587.5	57429.1	57569.101
-2575	1200	-2575	57534.8	57674.800
-2562.5	1200	-2562.5	57530	57670
-2550	1200	-2550	57588	57728
-2537.5	1200	-2537.5	57667.4	57807.398
-2525	1200	-2525	57630	57770
-2512.5	1200	-2512.5	57549.5	57689.5
-2500	1200	-2500	57642.8	57782.800
-2487.5	1200	-2487.5	57645	57785
-2475	1200	-2475	57739.3	57879.300
-2462.5	1200	-2462.5	57629.4	57769.398
-2450	1200	-2450	57513.6	57653.601
-2437.5	1200	-2437.5	57459.2	57599.199
-2425	1200	-2425	57437.3	57577.300
-2412.5	1200	-2412.5	57443.1	57583.101
-2400	1200	-2400	57529.8	57669.800
-2387.5	1200	-2387.5	57540.8	57680.800
-2375	1200	-2375	57492.2	57632.199
-2362.5	1200	-2362.5	57460.2	57600.199
-2350	1200	-2350	57462.2	57602.199
-2337.5	1200	-2337.5	57465.4	57605.398
-2325	1200	-2325	57486.1	57626.101
-2312.5	1200	-2312.5	57467.1	57607.101
-2300	1200	-2300	57460.2	57600.199
-2287.5	1200	-2287.5	57459.3	57599.300
-2275	1200	-2275	57482	57622
-2262.5	1200	-2262.5	57473.6	57613.601
-2250	1200	-2250	57484.4	57624.398
-2237.5	1200	-2237.5	57494.7	57634.699
-2225	1200	-2225	57518.8	57658.800
-2212.5	1200	-2212.5	57546.1	57686.101
-2200	1200	-2200	57546	57686

-2187.5	1200	-2187.5	57484.8	57624.800
-2175	1200	-2175	57477.5	57617.5
-2162.5	1200	-2162.5	57491	57631
-2150	1200	-2150	57548.1	57688.101
-2137.5	1200	-2137.5	57630.4	57770.398
-2125	1200	-2125	57627.7	57767.699
-2112.5	1200	-2112.5	57544.3	57684.300
-2100	1200	-2100	57617	57757
-2087.5	1200	-2087.5	57689.8	57829.800
-2075	1200	-2075	57697.8	57837.800
-2062.5	1200	-2062.5	57678.1	57818.101
-2050	1200	-2050	57728.7	57868.699
-2037.5	1200	-2037.5	57790.9	57930.898
-2025	1200	-2025	57754.9	57894.898
-2012.5	1200	-2012.5	57744	57884
-2000	1200	-2000	57745.1	57885.101
-1987.5	1200	-1987.5	57717.4	57857.398
-1975	1200	-1975	57657.6	57797.601
-1962.5	1200	-1962.5	57609.5	57749.5
-1950	1200	-1950	57540.9	57680.898
-1937.5	1200	-1937.5	57549.6	57689.601
-1925	1200	-1925	57551.3	57691.300
-1912.5	1200	-1912.5	57576.7	57716.699
-1900	1200	-1900	57598.9	57738.898
-1887.5	1200	-1887.5	57616.4	57756.398
-1875	1200	-1875	57658.7	57798.699
-1862.5	1200	-1862.5	57653.8	57793.800
-1850	1200	-1850	57670.8	57810.800
-1837.5	1200	-1837.5	57705.3	57845.300
-1825	1200	-1825	57669.5	57809.5
-1812.5	1200	-1812.5	57628.1	57768.101
-1800	1200	-1800	57622.9	57762.898
-1787.5	1200	-1787.5	57628.1	57768.101
-1775	1200	-1775	57688	57828
-1762.5	1200	-1762.5	57680.1	57820.101
-1750	1200	-1750	57715.9	57855.898
-1737.5	1200	-1737.5	57719.4	57859.398
-1725	1200	-1725	57680.1	57820.101
-1712.5	1200	-1712.5	57647.9	57787.898
-1700	1200	-1700	57608.2	57748.199
-1687.5	1200	-1687.5	57609.3	57749.300
-1675	1200	-1675	57552.7	57692.699
-1662.5	1200	-1662.5	57593.9	57733.898
-1650	1200	-1650	57585.3	57725.300
-1637.5	1200	-1637.5	57601.8	57741.800
-1625	1200	-1625	57645.9	57785.898
-1612.5	1200	-1612.5	57617.3	57757.300
-1600	1200	-1600	57680.6	57820.601
-1587.5	1200	-1587.5	57676.1	57816.101
-1575	1200	-1575	57669.6	57809.601
-1562.5	1200	-1562.5	57777.9	57917.898
-1550	1200	-1550	57804.6	57944.601
-1537.5	1200	-1537.5	57704.4	57844.398
-1525	1200	-1525	57672.1	57812.101
-1512.5	1200	-1512.5	57632.7	57772.699
-1500	1200	-1500	57568	57708
-1487.5	1200	-1487.5	57564.9	57704.898
-1475	1200	-1475	57574.5	57714.5
-1462.5	1200	-1462.5	57593.9	57733.898
-1450	1200	-1450	57600.1	57740.101

-1437.5	1200	-1437.5	57582.8	57722.800
-1425	1200	-1425	57601.2	57741.199
-1412.5	1200	-1412.5	57609.4	57749.398
-1400	1200	-1400	57719.6	57859.601
-1387.5	1200	-1387.5	57696.8	57836.800
-1375	1200	-1375	57667.7	57807.699
-1362.5	1200	-1362.5	57606.8	57746.800
-1350	1200	-1350	57573.8	57713.800
-1337.5	1200	-1337.5	57543.8	57683.800
-1325	1200	-1325	57473.6	57613.601
-1312.5	1200	-1312.5	57506.7	57646.699
-1300	1200	-1300	57566.4	57706.398
-1287.5	1200	-1287.5	57664.3	57804.300
-1275	1200	-1275	57793.8	57933.800
-1262.5	1200	-1262.5	57620.2	57760.199
-1250	1200	-1250	57537.5	57677.5
-1237.5	1200	-1237.5	57512.5	57652.5
-1225	1200	-1225	57517.8	57657.800
-1212.5	1200	-1212.5	57510.7	57650.699
-1200	1200	-1200	57568.8	57708.800
-1187.5	1200	-1187.5	57619.5	57759.5
-1175	1200	-1175	57682.3	57822.300
-1162.5	1200	-1162.5	57644	57784
-1150	1200	-1150	57675	57815
-1137.5	1200	-1137.5	57600.7	57740.699
-1125	1200	-1125	57536.4	57676.398
-1112.5	1200	-1112.5	57550.3	57690.300
-1100	1200	-1100	57549.1	57689.101
-1087.5	1200	-1087.5	57586.9	57726.898
-1075	1200	-1075	57591.9	57731.898
-1062.5	1200	-1062.5	57573.8	57713.800
-1050	1200	-1050	57540.1	57680.101
-1037.5	1200	-1037.5	57595	57735
-1025	1200	-1025	57560.7	57700.699
-1012.5	1200	-1012.5	57618.9	57758.898
-1000	1200	-1000	57618.7	57758.699
-987.5	1200	-987.5	57556.4	57696.398
-975	1200	-975	57595.6	57735.601
-962.5	1200	-962.5	57591.5	57731.5
-950	1200	-950	57592.7	57732.699
-937.5	1200	-937.5	57600.8	57740.800
-925	1200	-925	57597.3	57737.300
-912.5	1200	-912.5	57620.6	57760.601
-900	1200	-900	57645.3	57785.300
-887.5	1200	-887.5	57642	57782
-875	1200	-875	57618.9	57758.898
-862.5	1200	-862.5	57606.1	57746.101
-850	1200	-850	57607.3	57747.300
-837.5	1200	-837.5	57617.6	57757.601
-825	1200	-825	57616.6	57756.601
-812.5	1200	-812.5	57599.9	57739.898
-800	1200	-800	57617.4	57757.398
-800	1200	-800	57611.6	57751.601
-787.5	1200	-787.5	57602	57742
-775	1200	-775	57635.4	57775.398
-762.5	1200	-762.5	57648.2	57788.199
-750	1200	-750	57664.1	57804.101
-737.5	1200	-737.5	57684.6	57824.601
-725	1200	-725	57684.3	57824.300
-712.5	1200	-712.5	57742.2	57882.199

-700	1200	-700	57773.9	57913.898
-687.5	1200	-687.5	57767.9	57907.898
-675	1200	-675	57834.6	57974.601
-662.5	1200	-662.5	57892	58032
-650	1200	-650	57884.2	58024.199
-637.5	1200	-637.5	57821.1	57961.101
-625	1200	-625	57810.4	57950.398
-612.5	1200	-612.5	57778.4	57918.398
-600	1200	-600	57782.6	57922.601
-587.5	1200	-587.5	57780.5	57920.5
-575	1200	-575	57787.5	57927.5
-562.5	1200	-562.5	57769	57909
-550	1200	-550	57774.2	57914.199
-537.5	1200	-537.5	57764.5	57904.5
-525	1200	-525	57782	57922
-512.5	1200	-512.5	57785.2	57925.199
-500	1200	-500	57793.5	57933.5
-487.5	1200	-487.5	57796.4	57936.398
-475	1200	-475	57786	57926
-462.5	1200	-462.5	57778.5	57918.5
-450	1200	-450	57790.6	57930.601
-437.5	1200	-437.5	57768.1	57908.101
-425	1200	-425	57753.1	57893.101
-412.5	1200	-412.5	57687.1	57827.101
-400	1200	-400	57792.1	57932.101
-387.5	1200	-387.5	57833.6	57973.601
-375	1200	-375	57780.8	57920.800
-362.5	1200	-362.5	57784.7	57924.699
-350	1200	-350	57841.2	57981.199
-337.5	1200	-337.5	57952	58092
-325	1200	-325	57960.1	58100.101
-312.5	1200	-312.5	57916.6	58056.601
-300	1200	-300	57839.5	57979.5
-287.5	1200	-287.5	57794	57934
-275	1200	-275	57678.6	57818.601
-262.5	1200	-262.5	57716.2	57856.199
-250	1200	-250	57811.3	57951.300
-237.5	1200	-237.5	57835.1	57975.101
-225	1200	-225	57888.3	58028.300
-212.5	1200	-212.5	57890.1	58030.101
-200	1200	-200	57884.7	58024.699
-187.5	1200	-187.5	57863	58003
-175	1200	-175	57889.7	58029.699
-162.5	1200	-162.5	57876.1	58016.101
-150	1200	-150	57817.8	57957.800
-137.5	1200	-137.5	57801.1	57941.101
-125	1200	-125	57787.6	57927.601
-112.5	1200	-112.5	57762.4	57902.398
-100	1200	-100	57752.1	57892.101
-87.5	1200	-87.5	57770.1	57910.101
-75	1200	-75	57786.8	57926.800
-62.5	1200	-62.5	57777.5	57917.5
-50	1200	-50	57782.4	57922.398
-37.5	1200	-37.5	57775.7	57915.699
-25	1200	-25	57783.9	57923.898
-12.5	1200	-12.5	57869.6	58009.601
0	1200	0	57787.3	57927.300
12.5	1200	12.5	57796.4	57936.398
25	1200	25	57796.6	57936.601
37.5	1200	37.5	57786.7	57926.699

50	1200	50	57757	57897
62.5	1200	62.5	57747.5	57887.5
75	1200	75	57756.6	57896.601
87.5	1200	87.5	57781.2	57921.199
100	1200	100	57781.8	57921.800
112.5	1200	112.5	57767	57907
125	1200	125	57813.5	57953.5
137.5	1200	137.5	57827	57967
150	1200	150	57853.8	57993.800
162.5	1200	162.5	57877.3	58017.300
175	1200	175	57926.1	58066.101
187.5	1200	187.5	57935.2	58075.199
200	1200	200	57885.6	58025.601
212.5	1200	212.5	57779	57919
225	1200	225	57689.9	57829.898
237.5	1200	237.5	57616.8	57756.800
250	1200	250	57651.2	57791.199
262.5	1200	262.5	57801.6	57941.601
275	1200	275	57906.6	58046.601
287.5	1200	287.5	58127.9	58267.898
300	1200	300	58143.8	58283.800
312.5	1200	312.5	58171.4	58311.398
325	1200	325	57976.7	58116.699
337.5	1200	337.5	58149.2	58289.199
350	1200	350	58127.9	58267.898
362.5	1200	362.5	57867.8	58007.800
375	1200	375	57877.8	58017.800
387.5	1200	387.5	57856.9	57996.898
400	1200	400	57866	58006
412.5	1200	412.5	57855.1	57995.101
425	1200	425	57846.1	57986.101
437.5	1200	437.5	57824.6	57964.601
450	1200	450	57836.7	57976.699
462.5	1200	462.5	57986.9	58126.898
475	1200	475	58313.3	58453.300
487.5	1200	487.5	59060.3	59200.300
500	1200	500	59145.6	59285.601
512.5	1200	512.5	58789.8	58929.800
525	1200	525	58693.9	58833.898
537.5	1200	537.5	58795.7	58935.699
550	1200	550	58901	59041
562.5	1200	562.5	59005.9	59145.898
575	1200	575	58941.6	59081.601
587.5	1200	587.5	58537.1	58677.101
600	1200	600	58492.4	58632.398
612.5	1200	612.5	58438.5	58578.5
625	1200	625	58057.4	58197.398
637.5	1200	637.5	58392.4	58532.398
650	1200	650	58763.2	58903.199
662.5	1200	662.5	58648.3	58788.300
675	1200	675	58432.3	58572.300
687.5	1200	687.5	58288	58428
700	1200	700	58366.2	58506.199
712.5	1200	712.5	58497.3	58637.300
725	1200	725	58257.1	58397.101
737.5	1200	737.5	58085.4	58225.398
750	1200	750	58047.1	58187.101
762.5	1200	762.5	58450	58590
775	1200	775	57825	57965
787.5	1200	787.5	57358.8	57498.800

800	1200	800	57430.7	57570.699
812.5	1200	812.5	57403.9	57543.898
825	1200	825	57371	57511
837.5	1200	837.5	57398.2	57538.199
850	1200	850	57512.2	57652.199
862.5	1200	862.5	57544.5	57684.5
875	1200	875	57626.4	57766.398
887.5	1200	887.5	57886	58026
900	1200	900	58053	58193
912.5	1200	912.5	58155.4	58295.398
925	1200	925	58171.5	58311.5
937.5	1200	937.5	58134.4	58274.398
950	1200	950	58185.6	58325.601
962.5	1200	962.5	58128.6	58268.601
975	1200	975	58099.8	58239.800
987.5	1200	987.5	58127.8	58267.800
1000	1200	1000	58055.3	58195.300
1012.5	1200	1012.5	58005.4	58145.398
1025	1200	1025	57996	58136
1037.5	1200	1037.5	57999.1	58139.101
1050	1200	1050	57870.5	58010.5
1062.5	1200	1062.5	57915.3	58055.300
1075	1200	1075	57981.1	58121.101
1087.5	1200	1087.5	57893.4	58033.398
1100	1200	1100	57849.2	57989.199
1112.5	1200	1112.5	57889.3	58029.300
1125	1200	1125	57883.4	58023.398
1137.5	1200	1137.5	57811.9	57951.898
1150	1200	1150	57850.7	57990.699
1162.5	1200	1162.5	57938.8	58078.800
1175	1200	1175	57820.3	57960.300
1187.5	1200	1187.5	57413.6	57553.601
1200	1200	1200	57481.5	57621.5
line	800			
-2800	800	-2800	57617.9	57757.898
-2787.5	800	-2787.5	57715.7	57855.699
-2775	800	-2775	57681	57821
-2762.5	800	-2762.5	57666.5	57806.5
-2750	800	-2750	57655.3	57795.300
-2737.5	800	-2737.5	57629.7	57769.699
-2725	800	-2725	57610.7	57750.699
-2712.5	800	-2712.5	57517.1	57657.101
-2700	800	-2700	57537	57677
-2687.5	800	-2687.5	57504.9	57644.898
-2675	800	-2675	57487.8	57627.800
-2662.5	800	-2662.5	57471.8	57611.800
-2650	800	-2650	57484.4	57624.398
-2637.5	800	-2637.5	57496.6	57636.601
-2625	800	-2625	57519	57659
-2612.5	800	-2612.5	57543.3	57683.300
-2600	800	-2600	57678.1	57818.101
-2587.5	800	-2587.5	57839.8	57979.800
-2575	800	-2575	57894.4	58034.398
-2562.5	800	-2562.5	57830.9	57970.898
-2550	800	-2550	57671.1	57811.101
-2537.5	800	-2537.5	57586.6	57726.601
-2525	800	-2525	57562.9	57702.898
-2512.5	800	-2512.5	57527.2	57667.199
-2500	800	-2500	57514.8	57654.800
-2487.5	800	-2487.5	57525.9	57665.898

-2475	800	-2475	57530.9	57670.898
-2462.5	800	-2462.5	57551.3	57691.300
-2450	800	-2450	57554.1	57694.101
-2437.5	800	-2437.5	57559.4	57699.398
-2425	800	-2425	57552.7	57692.699
-2412.5	800	-2412.5	57577.1	57717.101
-2400	800	-2400	57575.8	57715.800
-2387.5	800	-2387.5	57577.6	57717.601
-2375	800	-2375	57576.9	57716.898
-2362.5	800	-2362.5	57546.3	57686.300
-2362.5	800	-2362.5	57556.6	57696.601
-2350	800	-2350	57546.3	57686.300
-2337.5	800	-2337.5	57554	57694
-2325	800	-2325	57549	57689
-2312.5	800	-2312.5	57555.4	57695.398
-2300	800	-2300	57584.4	57724.398
-2287.5	800	-2287.5	57598.7	57738.699
-2275	800	-2275	57580.9	57720.898
-2262.5	800	-2262.5	57552.5	57692.5
-2250	800	-2250	57532.6	57672.601
-2237.5	800	-2237.5	57554.4	57694.398
-2225	800	-2225	57509.2	57649.199
-2212.5	800	-2212.5	57460.2	57600.199
-2200	800	-2200	57474.1	57614.101
-2187.5	800	-2187.5	57540	57680
-2175	800	-2175	57721.8	57861.800
-2162.5	800	-2162.5	57678.7	57818.699
-2150	800	-2150	57614.1	57754.101
-2137.5	800	-2137.5	57577.7	57717.699
-2125	800	-2125	57539.7	57679.699
-2112.5	800	-2112.5	57525	57665
-2100	800	-2100	57509.8	57649.800
-2087.5	800	-2087.5	57543.8	57683.800
-2075	800	-2075	57529.8	57669.800
-2062.5	800	-2062.5	57577.6	57717.601
-2050	800	-2050	57577.2	57717.199
-2037.5	800	-2037.5	57567.8	57707.800
-2025	800	-2025	57535.8	57675.800
-2012.5	800	-2012.5	57515.6	57655.601
-2000	800	-2000	57544.3	57684.300
-1987.5	800	-1987.5	57520.5	57660.5
-1975	800	-1975	57515.7	57655.699
-1962.5	800	-1962.5	57473.7	57613.699
-1950	800	-1950	57470.3	57610.300
-1937.5	800	-1937.5	57471.8	57611.800
-1925	800	-1925	57490.4	57630.398
-1912.5	800	-1912.5	57482.1	57622.101
-1900	800	-1900	57538.5	57678.5
-1887.5	800	-1887.5	57559.4	57699.398
-1875	800	-1875	57515	57655
-1862.5	800	-1862.5	57484.1	57624.101
-1850	800	-1850	57469.2	57609.199
-1837.5	800	-1837.5	57555.7	57695.699
-1825	800	-1825	57474.6	57614.601
-1812.5	800	-1812.5	57501.3	57641.300
-1800	800	-1800	57413.2	57553.199
-1787.5	800	-1787.5	57541.4	57681.398
-1775	800	-1775	57576.2	57716.199
-1762.5	800	-1762.5	57605.7	57745.699
-1750	800	-1750	57577.4	57717.398

-1737.5	800	-1737.5	57596.7	57736.699
-1725	800	-1725	57601.6	57741.601
-1712.5	800	-1712.5	57472.9	57612.898
-1700	800	-1700	57432.4	57572.398
-1687.5	800	-1687.5	57488.2	57628.199
-1675	800	-1675	57518.3	57658.300
-1662.5	800	-1662.5	57535.8	57675.800
-1650	800	-1650	57812.9	57952.898
-1637.5	800	-1637.5	57635.8	57775.800
-1625	800	-1625	57492.1	57632.101
-1612.5	800	-1612.5	57479.1	57619.101
-1600	800	-1600	57457.9	57597.898
-1587.5	800	-1587.5	57578.6	57718.601
-1575	800	-1575	57570.7	57710.699
-1562.5	800	-1562.5	57554.4	57694.398
-1550	800	-1550	57528.4	57668.398
-1537.5	800	-1537.5	57549.6	57689.601
-1525	800	-1525	57536.1	57676.101
-1512.5	800	-1512.5	57537.3	57677.300
-1500	800	-1500	57517	57657
-1487.5	800	-1487.5	57535	57675
-1475	800	-1475	57526.3	57666.300
-1462.5	800	-1462.5	57515.8	57655.800
-1450	800	-1450	57524.4	57664.398
-1437.5	800	-1437.5	57514.2	57654.199
-1425	800	-1425	57542.4	57682.398
-1412.5	800	-1412.5	57505.7	57645.699
-1400	800	-1400	57519.2	57659.199
-1387.5	800	-1387.5	57634.1	57774.101
-1375	800	-1375	58148.2	58288.199
-1362.5	800	-1362.5	57735.3	57875.300
-1350	800	-1350	57546.9	57686.898
-1337.5	800	-1337.5	57474.1	57614.101
-1325	800	-1325	57485.5	57625.5
-1312.5	800	-1312.5	57478.2	57618.199
-1300	800	-1300	57475.8	57615.800
-1287.5	800	-1287.5	57459.6	57599.601
-1275	800	-1275	57455.4	57595.398
-1262.5	800	-1262.5	57466.1	57606.101
-1250	800	-1250	57482.2	57622.199
-1237.5	800	-1237.5	57467.2	57607.199
-1225	800	-1225	57493.4	57633.398
-1212.5	800	-1212.5	57494.8	57634.800
-1200	800	-1200	57488.3	57628.300
-1187.5	800	-1187.5	57503.1	57643.101
-1175	800	-1175	57528	57668
-1162.5	800	-1162.5	57535.7	57675.699
-1150	800	-1150	57549.8	57689.800
-1137.5	800	-1137.5	57515	57655
-1125	800	-1125	57488.7	57628.699
-1112.5	800	-1112.5	57509.5	57649.5
-1100	800	-1100	57521.9	57661.898
-1087.5	800	-1087.5	57517.6	57657.601
-1075	800	-1075	57516.1	57656.101
-1062.5	800	-1062.5	57514.1	57654.101
-1050	800	-1050	57523.7	57663.699
-1037.5	800	-1037.5	57519	57659
-1025	800	-1025	57557.6	57697.601
-1012.5	800	-1012.5	57599.4	57739.398
-1000	800	-1000	57554.8	57694.800

-987.5	800	-987.5	57514.8	57654.800
-975	800	-975	57525.5	57665.5
-962.5	800	-962.5	57547.9	57687.898
-950	800	-950	57527.7	57667.699
-937.5	800	-937.5	57523.1	57663.101
-925	800	-925	57503.5	57643.5
-912.5	800	-912.5	57508.2	57648.199
-900	800	-900	57556	57696
-887.5	800	-887.5	57547.3	57687.300
-875	800	-875	57507.4	57647.398
-862.5	800	-862.5	57541.8	57681.800
-850	800	-850	57514.1	57654.101
-837.5	800	-837.5	57511.5	57651.5
-825	800	-825	57509.3	57649.300
-812.5	800	-812.5	57472.8	57612.800
-800	800	-800	57493	57633
-800	800	-800	57494.9	57634.898
-787.5	800	-787.5	57439	57579
-775	800	-775	57436	57576
-762.5	800	-762.5	57438.6	57578.601
-750	800	-750	57465.4	57605.398
-737.5	800	-737.5	57454.9	57594.898
-725	800	-725	57435.1	57575.101
-712.5	800	-712.5	57418	57558
-700	800	-700	57440	57580
-687.5	800	-687.5	57444.6	57584.601
-675	800	-675	57450.5	57590.5
-662.5	800	-662.5	57461.8	57601.800
-650	800	-650	57411.3	57551.300
-637.5	800	-637.5	57418.1	57558.101
-625	800	-625	57413.5	57553.5
-612.5	800	-612.5	57597.4	57737.398
-600	800	-600	57507.2	57647.199
-587.5	800	-587.5	57503.1	57643.101
-575	800	-575	57577.6	57717.601
-562.5	800	-562.5	57598.3	57738.300
-550	800	-550	57607.4	57747.398
-537.5	800	-537.5	57616.3	57756.300
-525	800	-525	57617.5	57757.5
-512.5	800	-512.5	57609.5	57749.5
-500	800	-500	57620.3	57760.300
-487.5	800	-487.5	57609.5	57749.5
-475	800	-475	57595.6	57735.601
-462.5	800	-462.5	57572.9	57712.898
-450	800	-450	57572.3	57712.300
-437.5	800	-437.5	57570.6	57710.601
-425	800	-425	57582.2	57722.199
-412.5	800	-412.5	57587.6	57727.601
-400	800	-400	57594.9	57734.898
-387.5	800	-387.5	57586.7	57726.699
-375	800	-375	57573.1	57713.101
-362.5	800	-362.5	57604.5	57744.5
-350	800	-350	57630.9	57770.898
-337.5	800	-337.5	57624	57764
-325	800	-325	57618.7	57758.699
-312.5	800	-312.5	57605.9	57745.898
-300	800	-300	57627.9	57767.898
-287.5	800	-287.5	57632.3	57772.300
-275	800	-275	57630.3	57770.300
-262.5	800	-262.5	57666.8	57806.800

-250	800	-250	57644.2	57784.199
-237.5	800	-237.5	57678.1	57818.101
-225	800	-225	57657.9	57797.898
-212.5	800	-212.5	57662.2	57802.199
-200	800	-200	57682.3	57822.300
-187.5	800	-187.5	57730.1	57870.101
-175	800	-175	57714.1	57854.101
-162.5	800	-162.5	57745	57885
-150	800	-150	57738.8	57878.800
-137.5	800	-137.5	57765.3	57905.300
-125	800	-125	57772.8	57912.800
-112.5	800	-112.5	57765.8	57905.800
-100	800	-100	57740	57880
-87.5	800	-87.5	57664.7	57804.699
-75	800	-75	57654.4	57794.398
-62.5	800	-62.5	57730.6	57870.601
-50	800	-50	57718.6	57858.601
-37.5	800	-37.5	57691.9	57831.898
-25	800	-25	57667.4	57807.398
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0	800	0	57649.6	57789.601
12.5	800	12.5	57677.5	57817.5
25	800	25	57767	57907
37.5	800	37.5	57743.5	57883.5
50	800	50	57752.4	57892.398
62.5	800	62.5	57773	57913
75	800	75	57732.2	57872.199
87.5	800	87.5	57827.5	57967.5
100	800	100	57870.1	58010.101
112.5	800	112.5	57917.8	58057.800
125	800	125	57905.3	58045.300
137.5	800	137.5	57852	57992
150	800	150	57821.4	57961.398
162.5	800	162.5	57784.5	57924.5
175	800	175	57777.7	57917.699
187.5	800	187.5	57795.2	57935.199
200	800	200	57798.7	57938.699
212.5	800	212.5	57780.2	57920.199
225	800	225	57789.9	57929.898
237.5	800	237.5	57809.6	57949.601
250	800	250	57812.4	57952.398
262.5	800	262.5	57797.6	57937.601
275	800	275	57837.6	57977.601
287.5	800	287.5	57875.5	58015.5
300	800	300	57878	58018
312.5	800	312.5	57857.4	57997.398
325	800	325	57848.5	57988.5
337.5	800	337.5	57856.4	57996.398
350	800	350	57786	57926
362.5	800	362.5	57790.3	57930.300
375	800	375	57817.5	57957.5
387.5	800	387.5	57837.3	57977.300
400	800	400	57859.3	57999.300
412.5	800	412.5	57866.8	58006.800
425	800	425	57896.7	58036.699
437.5	800	437.5	57933.2	58073.199
450	800	450	58011.6	58151.601
462.5	800	462.5	58042.4	58182.398
475	800	475	58045	58185
487.5	800	487.5	58017.4	58157.398

500	800	500	57992.7	58132.699
512.5	800	512.5	58026.9	58166.898
525	800	525	58057.3	58197.300
537.5	800	537.5	58151.2	58291.199
550	800	550	58287.7	58427.699
562.5	800	562.5	58469.4	58609.398
575	800	575	58648.5	58788.5
587.5	800	587.5	58799.1	58939.101
600	800	600	58836.6	58976.601
612.5	800	612.5	58838.8	58978.800
625	800	625	58885.9	59025.898
637.5	800	637.5	58968.9	59108.898
650	800	650	59066.2	59206.199
662.5	800	662.5	59149.7	59289.699
675	800	675	59236.1	59376.101
675	800	675	59210.8	59350.800
700	800	700	59134.5	59274.5
712.5	800	712.5	59165.9	59305.898
725	800	725	58972.5	59112.5
737.5	800	737.5	58732.7	58872.699
750	800	750	58336.5	58476.5
762.5	800	762.5	58232.3	58372.300
775	800	775	58135.3	58275.300
787.5	800	787.5	58071.7	58211.699
800	800	800	57954.1	58094.101
812.5	800	812.5	57911.6	58051.601
825	800	825	57849.2	57989.199
837.5	800	837.5	57865.1	58005.101
850	800	850	57821.7	57961.699
862.5	800	862.5	57875.6	58015.601
875	800	875	57769.5	57909.5
887.5	800	887.5	57752.6	57892.601
900	800	900	57829.4	57969.398
912.5	800	912.5	57877.9	58017.898
925	800	925	57882.4	58022.398
937.5	800	937.5	57998.5	58138.5
950	800	950	57859.8	57999.800
962.5	800	962.5	57906.4	58046.398
975	800	975	57763.1	57903.101
987.5	800	987.5	57680.8	57820.800
1000	800	1000	57761.5	57901.5
1012.5	800	1012.5	57699.1	57839.101
1025	800	1025	57667	57807
1037.5	800	1037.5	57704.7	57844.699
1050	800	1050	57772.9	57912.898
1062.5	800	1062.5	57808.8	57948.800
1075	800	1075	57803.7	57943.699
1087.5	800	1087.5	57730.1	57870.101
1100	800	1100	57717.3	57857.300
1112.5	800	1112.5	57861.6	58001.601
1125	800	1125	57818.3	57958.300
1137.5	800	1137.5	57896.4	58036.398
1150	800	1150	57988.7	58128.699
1162.5	800	1162.5	58221.3	58361.300
1175	800	1175	58176.3	58316.300
1187.5	800	1187.5	58386.9	58526.898
1200	800	1200	58316.5	58456.5
line	600			
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-2275	600	-2275	57651.4	57791.398
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-2100	600	-2100	57678.4	57818.398
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-2062.5	600	-2062.5	57636.9	57776.898
-2050	600	-2050	57633.2	57773.199
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-2025	600	-2025	57629.4	57769.398
-2012.5	600	-2012.5	57623.5	57763.5
-2000	600	-2000	57595.7	57735.699
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-1975	600	-1975	57459.3	57599.300
-1962.5	600	-1962.5	57452.7	57592.699
-1950	600	-1950	57452.3	57592.300
-1937.5	600	-1937.5	57559.8	57699.800
-1925	600	-1925	57535	57675
-1912.5	600	-1912.5	57519.7	57659.699
-1900	600	-1900	57520.9	57660.898
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-1875	600	-1875	57571.3	57711.300
-1862.5	600	-1862.5	57506.6	57646.601
-1850	600	-1850	57496.1	57636.101
-1837.5	600	-1837.5	57504.1	57644.101
-1825	600	-1825	57510.4	57650.398
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-1775	600	-1775	57534	57674
-1762.5	600	-1762.5	57544	57684
-1750	600	-1750	57574.5	57714.5
-1737.5	600	-1737.5	57520.9	57660.898
-1725	600	-1725	57489.1	57629.101
-1712.5	600	-1712.5	57496	57636
-1700	600	-1700	57474.4	57614.398
-1687.5	600	-1687.5	57492.4	57632.398
-1675	600	-1675	57469.6	57609.601
-1662.5	600	-1662.5	57500.9	57640.898
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-1625	600	-1625	57474.7	57614.699
-1612.5	600	-1612.5	57467.7	57607.699
-1600	600	-1600	57529.3	57669.300
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-1425	600	-1425	57467.4	57607.398
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-1225	600	-1225	57545.6	57685.601
-1212.5	600	-1212.5	57552.1	57692.101
-1200	600	-1200	57487.1	57627.101
-1187.5	600	-1187.5	57514.5	57654.5
-1175	600	-1175	57551.5	57691.5
-1162.5	600	-1162.5	57558.1	57698.101
-1150	600	-1150	57546	57686
-1137.5	600	-1137.5	57518.8	57658.800
-1125	600	-1125	57470.3	57610.300
-1112.5	600	-1112.5	57467.7	57607.699
-1100	600	-1100	57482.6	57622.601
-1087.5	600	-1087.5	57548.5	57688.5
-1075	600	-1075	57602.3	57742.300
-1062.5	600	-1062.5	57668	57808
-1050	600	-1050	57726	57866
-1037.5	600	-1037.5	57779.3	57919.300
-1025	600	-1025	57648.1	57788.101
-1012.5	600	-1012.5	57584.2	57724.199
-1000	600	-1000	57584.4	57724.398
-987.5	600	-987.5	57535.5	57675.5
-975	600	-975	57510.4	57650.398
-962.5	600	-962.5	57502.9	57642.898
-950	600	-950	57576.2	57716.199
-937.5	600	-937.5	57634.1	57774.101
-925	600	-925	57712.4	57852.398
-912.5	600	-912.5	57810	57950
-900	600	-900	57717.4	57857.398
-887.5	600	-887.5	57662.1	57802.101
-875	600	-875	57599.6	57739.601
-862.5	600	-862.5	57590.3	57730.300
-850	600	-850	57722.9	57862.898
-837.5	600	-837.5	57661.5	57801.5
-825	600	-825	57571	57711
-812.5	600	-812.5	57550.8	57690.800
-800	600	-800	57563.6	57703.601
-800	600	-800	57588.6	57728.601

-787.5	600	-787.5	57557.5	57697.5
-775	600	-775	57565.3	57705.300
-762.5	600	-762.5	57593.2	57733.199
-750	600	-750	57708.5	57848.5
-737.5	600	-737.5	57771.7	57911.699
-725	600	-725	57689.1	57829.101
-712.5	600	-712.5	57615.3	57755.300
-700	600	-700	57556.7	57696.699
-687.5	600	-687.5	57534.3	57674.300
-675	600	-675	57547.2	57687.199
-662.5	600	-662.5	57535.7	57675.699
-650	600	-650	57514.2	57654.199
-637.5	600	-637.5	57524.8	57664.800
-625	600	-625	57538.6	57678.601
-612.5	600	-612.5	57564.8	57704.800
-600	600	-600	57583.5	57723.5
-587.5	600	-587.5	57526.7	57666.699
-575	600	-575	57501.4	57641.398
-562.5	600	-562.5	57528.6	57668.601
-550	600	-550	57501.3	57641.300
-537.5	600	-537.5	57515.4	57655.398
-525	600	-525	57524	57664
-512.5	600	-512.5	57539.4	57679.398
-500	600	-500	57538.1	57678.101
-487.5	600	-487.5	57523.5	57663.5
-475	600	-475	57544.1	57684.101
-462.5	600	-462.5	57513	57653
-450	600	-450	57555.3	57695.300
-437.5	600	-437.5	57561.4	57701.398
-425	600	-425	57536.6	57676.601
-412.5	600	-412.5	57545.2	57685.199
-400	600	-400	57558.4	57698.398
-387.5	600	-387.5	57655.7	57795.699
-375	600	-375	57717.8	57857.800
-362.5	600	-362.5	57770.5	57910.5
-350	600	-350	57775.8	57915.800
-337.5	600	-337.5	57731.1	57871.101
-325	600	-325	57754.5	57894.5
-312.5	600	-312.5	57673.1	57813.101
-300	600	-300	57576.9	57716.898
-287.5	600	-287.5	57620.2	57760.199
-275	600	-275	57614.4	57754.398
-262.5	600	-262.5	57642.8	57782.800
-250	600	-250	57664.2	57804.199
-237.5	600	-237.5	57625.3	57765.300
-225	600	-225	57666.9	57806.898
-212.5	600	-212.5	57695.9	57835.898
-200	600	-200	57644.7	57784.699
-187.5	600	-187.5	57622.3	57762.300
-175	600	-175	57614	57754
-162.5	600	-162.5	57625.9	57765.898
-150	600	-150	57653	57793
-137.5	600	-137.5	57657.9	57797.898
-125	600	-125	57638.4	57778.398
-112.5	600	-112.5	57637.3	57777.300
-100	600	-100	57607.4	57747.398
-87.5	600	-87.5	57587.3	57727.300
-75	600	-75	57621	57761
-62.5	600	-62.5	57629.2	57769.199
-50	600	-50	57646.9	57786.898

-37.5	600	-37.5	57660	57800
-25	600	-25	57685.1	57825.101
-12.5	600	-12.5	57706.8	57846.800
0	600	0	57699.7	57839.699
12.5	600	12.5	57685	57825
25	600	25	57690.1	57830.101
37.5	600	37.5	57680.5	57820.5
50	600	50	57695.4	57835.398
62.5	600	62.5	57687.1	57827.101
75	600	75	57677.5	57817.5
87.5	600	87.5	57686.8	57826.800
100	600	100	57690.2	57830.199
112.5	600	112.5	57748.6	57888.601
125	600	125	57774.4	57914.398
137.5	600	137.5	57690.5	57830.5
150	600	150	57674.5	57814.5
162.5	600	162.5	57679.6	57819.601
175	600	175	57683.3	57823.300
187.5	600	187.5	57701.2	57841.199
200	600	200	57684.3	57824.300
212.5	600	212.5	57677	57817
225	600	225	57694.7	57834.699
237.5	600	237.5	57676.6	57816.601
250	600	250	57662.5	57802.5
262.5	600	262.5	57685.6	57825.601
275	600	275	57684.8	57824.800
287.5	600	287.5	57690.4	57830.398
300	600	300	57674.5	57814.5
312.5	600	312.5	57654.9	57794.898
325	600	325	57645.9	57785.898
337.5	600	337.5	57660.2	57800.199
350	600	350	57687.3	57827.300
362.5	600	362.5	57712.6	57852.601
375	600	375	57751.9	57891.898
387.5	600	387.5	57748.3	57888.300
400	600	400	57792.5	57932.5
412.5	600	412.5	57799	57939
425	600	425	57855.4	57995.398
437.5	600	437.5	58017.5	58157.5
450	600	450	58179.1	58319.101
462.5	600	462.5	58078.2	58218.199
475	600	475	57846.4	57986.398
487.5	600	487.5	57771.8	57911.800
500	600	500	57744.5	57884.5
512.5	600	512.5	57836.9	57976.898
525	600	525	57935.9	58075.898
537.5	600	537.5	58026.4	58166.398
550	600	550	57935	58075
562.5	600	562.5	58570.5	58710.5
575	600	575	58807.1	58947.101
587.5	600	587.5	58777.1	58917.101
600	600	600	58873	59013
612.5	600	612.5	58627	58767
625	600	625	58042	58182
637.5	600	637.5	57630.2	57770.199
650	600	650	57568.5	57708.5
662.5	600	662.5	57571.5	57711.5
675	600	675	57599.4	57739.398
687.5	600	687.5	57637.7	57777.699
700	600	700	57656.3	57796.300

712.5	600	712.5	57603.3	57743.300
725	600	725	57574.3	57714.300
737.5	600	737.5	57539.2	57679.199
750	600	750	57590.4	57730.398
762.5	600	762.5	57617.3	57757.300
775	600	775	57691.5	57831.5
787.5	600	787.5	57683.8	57823.800
800	600	800	57768.9	57908.898
812.5	600	812.5	57855.1	57995.101
825	600	825	57928.8	58068.800
837.5	600	837.5	58272.7	58412.699
850	600	850	58121.6	58261.601
862.5	600	862.5	58357.1	58497.101
875	600	875	58356.6	58496.601
887.5	600	887.5	58518.8	58658.800
900	600	900	58140.5	58280.5
912.5	600	912.5	58367.3	58507.300
925	600	925	58337.2	58477.199
937.5	600	937.5	58365.8	58505.800
950	600	950	58275.8	58415.800
962.5	600	962.5	58120.3	58260.300
975	600	975	58094.2	58234.199
987.5	600	987.5	58175.6	58315.601
1000	600	1000	58136.6	58276.601
1012.5	600	1012.5	58208	58348
1025	600	1025	58337.7	58477.699
1037.5	600	1037.5	58490.8	58630.800
1050	600	1050	58822.1	58962.101
1062.5	600	1062.5	59077.7	59217.699
1075	600	1075	59249.2	59389.199
1087.5	600	1087.5	58990.8	59130.800
1100	600	1100	58614.2	58754.199
1112.5	600	1112.5	58081.3	58221.300
1125	600	1125	58182	58322
1137.5	600	1137.5	58266.3	58406.300
1150	600	1150	58358	58498
1162.5	600	1162.5	58368.1	58508.101
1175	600	1175	58334.8	58474.800
1187.5	600	1187.5	58316.1	58456.101
1200	600	1200	58304.1	58444.101
line	500			
-800	500	-800	57575.7	57715.699
-787.5	500	-787.5	57544.5	57684.5
-775	500	-775	57515	57655
-762.5	500	-762.5	57527.9	57667.898
-750	500	-750	57547.4	57687.398
-737.5	500	-737.5	57537.8	57677.800
-725	500	-725	57555.4	57695.398
-712.5	500	-712.5	57579	57719
-700	500	-700	57597.3	57737.300
-687.5	500	-687.5	57649.1	57789.101
-675	500	-675	57678.4	57818.398
-662.5	500	-662.5	57714.5	57854.5
-650	500	-650	57697.7	57837.699
-637.5	500	-637.5	57633	57773
-625	500	-625	57573.1	57713.101
-612.5	500	-612.5	57556.5	57696.5
-600	500	-600	57514.2	57654.199
-587.5	500	-587.5	57522.8	57662.800
-575	500	-575	57526.8	57666.800

-562.5	500	-562.5	57552.4	57692.398
-550	500	-550	57543.2	57683.199
-537.5	500	-537.5	57570.7	57710.699
-525	500	-525	57585.8	57725.800
-512.5	500	-512.5	57585.3	57725.300
-500	500	-500	57543	57683
-487.5	500	-487.5	57532.9	57672.898
-475	500	-475	57594.4	57734.398
-462.5	500	-462.5	57565	57705
-450	500	-450	57534.3	57674.300
-437.5	500	-437.5	57526.5	57666.5
-425	500	-425	57528.2	57668.199
-412.5	500	-412.5	57550.2	57690.199
-400	500	-400	57553.2	57693.199
-387.5	500	-387.5	57578.2	57718.199
-375	500	-375	57591.2	57731.199
-362.5	500	-362.5	57561.6	57701.601
-350	500	-350	57555.5	57695.5
-337.5	500	-337.5	57563.8	57703.800
-325	500	-325	57578.7	57718.699
-312.5	500	-312.5	57558.9	57698.898
-300	500	-300	57567.1	57707.101
-287.5	500	-287.5	57573.6	57713.601
-275	500	-275	57571.9	57711.898
-262.5	500	-262.5	57569.1	57709.101
-250	500	-250	57586.3	57726.300
-237.5	500	-237.5	57605.1	57745.101
-225	500	-225	57627.7	57767.699
-212.5	500	-212.5	57614.2	57754.199
-200	500	-200	57605.2	57745.199
-187.5	500	-187.5	57603.9	57743.898
-175	500	-175	57584	57724
-162.5	500	-162.5	57575.4	57715.398
-150	500	-150	57609.5	57749.5
-137.5	500	-137.5	57613.5	57753.5
-125	500	-125	57615.3	57755.300
-112.5	500	-112.5	57622.3	57762.300
-100	500	-100	57614	57754
-87.5	500	-87.5	57614.8	57754.800
-75	500	-75	57616.6	57756.601
-62.5	500	-62.5	57612.5	57752.5
-50	500	-50	57614.6	57754.601
-37.5	500	-37.5	57617.1	57757.101
-25	500	-25	57637.2	57777.199
-12.5	500	-12.5	57733.7	57873.699
0	500	0	57638.4	57778.398
12.5	500	12.5	57618.7	57758.699
25	500	25	57619.3	57759.300
37.5	500	37.5	57625.7	57765.699
50	500	50	57657.3	57797.300
62.5	500	62.5	57690	57830
75	500	75	57713.4	57853.398
87.5	500	87.5	57709.9	57849.898
100	500	100	57730.3	57870.300
112.5	500	112.5	57706.2	57846.199
125	500	125	57655.9	57795.898
137.5	500	137.5	57645.7	57785.699
150	500	150	57709.2	57849.199
162.5	500	162.5	57677.3	57817.300
175	500	175	57712.9	57852.898

187.5	500	187.5	57637.7	57777.699
200	500	200	57636.1	57776.101
212.5	500	212.5	57644.1	57784.101
225	500	225	57639.2	57779.199
237.5	500	237.5	57650.1	57790.101
250	500	250	57666.2	57806.199
262.5	500	262.5	57703.4	57843.398
275	500	275	57610.4	57750.398
287.5	500	287.5	57621.3	57761.300
300	500	300	57591.9	57731.898
312.5	500	312.5	57614.8	57754.800
325	500	325	57656.4	57796.398
337.5	500	337.5	57645.7	57785.699
350	500	350	57657.6	57797.601
362.5	500	362.5	57661.4	57801.398
375	500	375	57635.2	57775.199
387.5	500	387.5	57571.4	57711.398
400	500	400	57638	57778
412.5	500	412.5	57695	57835
425	500	425	57762.3	57902.300
437.5	500	437.5	57812.8	57952.800
450	500	450	57738.6	57878.601
462.5	500	462.5	57702.2	57842.199
475	500	475	57711.9	57851.898
487.5	500	487.5	57760.6	57900.601
500	500	500	57882.3	58022.300
512.5	500	512.5	58052.9	58192.898
525	500	525	58139	58279
537.5	500	537.5	58144.5	58284.5
550	500	550	58309.1	58449.101
562.5	500	562.5	58450.1	58590.101
575	500	575	58708.7	58848.699
587.5	500	587.5	59039.7	59179.699
600	500	600	59194.8	59334.800
612.5	500	612.5	59030.6	59170.601
625	500	625	59031.5	59171.5
637.5	500	637.5	58634.7	58774.699
650	500	650	58232.6	58372.601
662.5	500	662.5	58132.2	58272.199
675	500	675	57815.9	57955.898
687.5	500	687.5	57778.3	57918.300
700	500	700	57657.2	57797.199
712.5	500	712.5	57616.8	57756.800
725	500	725	57582.5	57722.5
737.5	500	737.5	57546.9	57686.898
750	500	750	57584.7	57724.699
762.5	500	762.5	57623.7	57763.699
775	500	775	57688.9	57828.898
787.5	500	787.5	57679.5	57819.5
800	500	800	57768.9	57908.898
812.5	500	812.5	57864.8	58004.800
825	500	825	57951	58091
837.5	500	837.5	58289.5	58429.5
850	500	850	58286.9	58426.898
862.5	500	862.5	58353.2	58493.199
875	500	875	58365.9	58505.898
887.5	500	887.5	58505	58645
900	500	900	58132.8	58272.800
912.5	500	912.5	58360	58500
925	500	925	58339.3	58479.300

937.5	500	937.5	58369.2	58509.199
950	500	950	58277.7	58417.699
962.5	500	962.5	58127.8	58267.800
975	500	975	58093.1	58233.101
987.5	500	987.5	58174.9	58314.898
1000	500	1000	58126.4	58266.398
1012.5	500	1012.5	58194.5	58334.5
1025	500	1025	58326.3	58466.300
1037.5	500	1037.5	58466	58606
1050	500	1050	58820.7	58960.699
1062.5	500	1062.5	59003.7	59143.699
1075	500	1075	59186.1	59326.101
1087.5	500	1087.5	59223.4	59363.398
1100	500	1100	58591.6	58731.601
1112.5	500	1112.5	58084.1	58224.101
1125	500	1125	58179.5	58319.5
1137.5	500	1137.5	58265.5	58405.5
1150	500	1150	58366.1	58506.101
1162.5	500	1162.5	58360.8	58500.800
1175	500	1175	58322.1	58462.101
1187.5	500	1187.5	58320.4	58460.398
line	400			
-2300	400	-2300	57715	57855
-2287.5	400	-2287.5	57704.7	57844.699
-2275	400	-2275	57677.4	57817.398
-2262.5	400	-2262.5	57656.7	57796.699
-2250	400	-2250	57639	57779
-2237.5	400	-2237.5	57622.6	57762.601
-2225	400	-2225	57621.2	57761.199
-2212.5	400	-2212.5	57610.6	57750.601
-2200	400	-2200	57600.9	57740.898
-2187.5	400	-2187.5	57605.7	57745.699
-2175	400	-2175	57619	57759
-2162.5	400	-2162.5	57627.9	57767.898
-2150	400	-2150	57620.9	57760.898
-2137.5	400	-2137.5	57620.8	57760.800
-2125	400	-2125	57608.3	57748.300
-2112.5	400	-2112.5	57612.1	57752.101
-2100	400	-2100	57647.1	57787.101
-2087.5	400	-2087.5	57671.9	57811.898
-2075	400	-2075	57674.7	57814.699
-2062.5	400	-2062.5	57738.4	57878.398
-2050	400	-2050	57733.9	57873.898
-2037.5	400	-2037.5	57663.7	57803.699
-2025	400	-2025	57629	57769
-2012.5	400	-2012.5	57611.5	57751.5
-2000	400	-2000	57625.7	57765.699
-1987.5	400	-1987.5	57650.6	57790.601
-1975	400	-1975	57630.7	57770.699
-1962.5	400	-1962.5	57674.7	57814.699
-1950	400	-1950	57647.1	57787.101
-1937.5	400	-1937.5	57818.2	57958.199
-1925	400	-1925	57952.2	58092.199
-1912.5	400	-1912.5	57846.1	57986.101
-1900	400	-1900	57725.9	57865.898
-1887.5	400	-1887.5	57658.7	57798.699
-1875	400	-1875	57641.2	57781.199
-1862.5	400	-1862.5	57709	57849
-1850	400	-1850	57729.7	57869.699
-1837.5	400	-1837.5	57675.6	57815.601

-1825	400	-1825	57637.5	57777.5
-1812.5	400	-1812.5	57579.5	57719.5
-1800	400	-1800	57543.1	57683.101
-1787.5	400	-1787.5	57494.3	57634.300
-1775	400	-1775	57468.7	57608.699
-1762.5	400	-1762.5	57487.4	57627.398
-1750	400	-1750	57476.3	57616.300
-1737.5	400	-1737.5	57462.8	57602.800
-1725	400	-1725	57460.3	57600.300
-1712.5	400	-1712.5	57460	57600
-1700	400	-1700	57445.6	57585.601
-1687.5	400	-1687.5	57446.4	57586.398
-1675	400	-1675	57451.6	57591.601
-1662.5	400	-1662.5	57445	57585
-1650	400	-1650	57500.2	57640.199
-1637.5	400	-1637.5	57507.7	57647.699
-1625	400	-1625	57684.1	57824.101
-1612.5	400	-1612.5	57517.5	57657.5
-1600	400	-1600	57545.1	57685.101
-1587.5	400	-1587.5	57559.8	57699.800
-1575	400	-1575	57542.2	57682.199
-1562.5	400	-1562.5	57519.8	57659.800
-1550	400	-1550	57516.3	57656.300
-1537.5	400	-1537.5	57496.5	57636.5
-1525	400	-1525	57491.3	57631.300
-1512.5	400	-1512.5	57509.4	57649.398
-1500	400	-1500	57551.7	57691.699
-1487.5	400	-1487.5	57580.7	57720.699
-1475	400	-1475	57589.4	57729.398
-1462.5	400	-1462.5	57556.6	57696.601
-1450	400	-1450	57487.8	57627.800
-1437.5	400	-1437.5	57469.7	57609.699
-1425	400	-1425	57482.8	57622.800
-1412.5	400	-1412.5	57495.6	57635.601
-1400	400	-1400	57492.6	57632.601
-1387.5	400	-1387.5	57505.9	57645.898
-1375	400	-1375	57512.6	57652.601
-1362.5	400	-1362.5	57519.1	57659.101
-1350	400	-1350	57524.6	57664.601
-1337.5	400	-1337.5	57547	57687
-1325	400	-1325	57543.7	57683.699
-1312.5	400	-1312.5	57570.9	57710.898
-1300	400	-1300	57580	57720
-1287.5	400	-1287.5	57573.8	57713.800
-1275	400	-1275	57541.1	57681.101
-1262.5	400	-1262.5	57578.4	57718.398
-1250	400	-1250	57533.8	57673.800
-1237.5	400	-1237.5	57517.5	57657.5
-1225	400	-1225	57505.4	57645.398
-1212.5	400	-1212.5	57514.3	57654.300
-1200	400	-1200	57518.5	57658.5
-1187.5	400	-1187.5	57512.7	57652.699
-1175	400	-1175	57517.3	57657.300
-1162.5	400	-1162.5	57526.2	57666.199
-1150	400	-1150	57539.3	57679.300
-1137.5	400	-1137.5	57532.4	57672.398
-1125	400	-1125	57532.5	57672.5
-1112.5	400	-1112.5	57527.5	57667.5
-1100	400	-1100	57527.7	57667.699
-1087.5	400	-1087.5	57525.9	57665.898

-1075	400	-1075	57527.2	57667.199
-1062.5	400	-1062.5	57525.1	57665.101
-1050	400	-1050	57512	57652
-1037.5	400	-1037.5	57520.7	57660.699
-1025	400	-1025	57564	57704
-1012.5	400	-1012.5	57598.1	57738.101
-1000	400	-1000	57601.3	57741.300
-987.5	400	-987.5	57591.2	57731.199
-975	400	-975	57544.8	57684.800
-962.5	400	-962.5	57587.4	57727.398
-950	400	-950	57613	57753
-937.5	400	-937.5	57537.4	57677.398
-925	400	-925	57509.2	57649.199
-912.5	400	-912.5	57493.4	57633.398
-900	400	-900	57514.6	57654.601
-887.5	400	-887.5	57557.6	57697.601
-875	400	-875	57589	57729
-862.5	400	-862.5	57578.9	57718.898
-850	400	-850	57574.9	57714.898
-837.5	400	-837.5	57570.4	57710.398
-825	400	-825	57587.7	57727.699
-812.5	400	-812.5	57591	57731
-800	400	-800	57585.4	57725.398
-800	400	-800	57609.9	57749.898
-787.5	400	-787.5	57619.8	57759.800
-775	400	-775	57577.6	57717.601
-762.5	400	-762.5	57586.6	57726.601
-750	400	-750	57567.3	57707.300
-737.5	400	-737.5	57549	57689
-725	400	-725	57518.9	57658.898
-712.5	400	-712.5	57501.7	57641.699
-700	400	-700	57481.3	57621.300
-687.5	400	-687.5	57515.6	57655.601
-675	400	-675	57534.9	57674.898
-662.5	400	-662.5	57562.6	57702.601
-650	400	-650	57575.4	57715.398
-637.5	400	-637.5	57569.5	57709.5
-625	400	-625	57580.7	57720.699
-612.5	400	-612.5	57571.7	57711.699
-600	400	-600	57553.9	57693.898
-587.5	400	-587.5	57572.5	57712.5
-575	400	-575	57537.5	57677.5
-562.5	400	-562.5	57529.8	57669.800
-550	400	-550	57605.7	57745.699
-537.5	400	-537.5	57641.4	57781.398
-525	400	-525	57601.3	57741.300
-512.5	400	-512.5	57620.1	57760.101
-500	400	-500	57616.5	57756.5
-487.5	400	-487.5	57577	57717
-475	400	-475	57551.8	57691.800
-462.5	400	-462.5	57542.6	57682.601
-450	400	-450	57557.6	57697.601
-437.5	400	-437.5	57559.7	57699.699
-425	400	-425	57577.3	57717.300
-412.5	400	-412.5	57568.9	57708.898
-400	400	-400	57566.4	57706.398
-387.5	400	-387.5	57564.5	57704.5
-375	400	-375	57567.5	57707.5
-362.5	400	-362.5	57581.2	57721.199
-350	400	-350	57558	57698

-337.5	400	-337.5	57562.2	57702.199
-325	400	-325	57557.8	57697.800
-312.5	400	-312.5	57558.6	57698.601
-300	400	-300	57556.4	57696.398
-287.5	400	-287.5	57552.6	57692.601
-275	400	-275	57570.4	57710.398
-262.5	400	-262.5	57573.8	57713.800
-250	400	-250	57581.8	57721.800
-237.5	400	-237.5	57565.5	57705.5
-225	400	-225	57576.9	57716.898
-212.5	400	-212.5	57585.1	57725.101
-200	400	-200	57562.1	57702.101
-187.5	400	-187.5	57592.8	57732.800
-175	400	-175	57576.5	57716.5
-162.5	400	-162.5	57576.1	57716.101
-150	400	-150	57595.8	57735.800
-137.5	400	-137.5	57582.4	57722.398
-125	400	-125	57585.6	57725.601
-112.5	400	-112.5	57559.6	57699.601
-100	400	-100	57618.2	57758.199
-87.5	400	-87.5	57588.8	57728.800
-75	400	-75	57603.7	57743.699
-62.5	400	-62.5	57629.3	57769.300
-50	400	-50	57630.7	57770.699
-37.5	400	-37.5	57622.9	57762.898
-25	400	-25	57652.5	57792.5
-12.5	400	-12.5	57685.9	57825.898
0	400	0	57741.7	57881.699
12.5	400	12.5	57834.7	57974.699
25	400	25	57970.6	58110.601
37.5	400	37.5	57816.7	57956.699
50	400	50	57734	57874
62.5	400	62.5	57757	57897
75	400	75	57756.2	57896.199
87.5	400	87.5	57749.6	57889.601
100	400	100	57671.6	57811.601
112.5	400	112.5	57652.1	57792.101
125	400	125	57668.6	57808.601
137.5	400	137.5	57826.7	57966.699
150	400	150	57653	57793
162.5	400	162.5	57714.1	57854.101
175	400	175	57768.7	57908.699
187.5	400	187.5	57947.8	58087.800
200	400	200	57926.4	58066.398
212.5	400	212.5	57875.6	58015.601
225	400	225	57871.2	58011.199
237.5	400	237.5	57945.3	58085.300
250	400	250	57872.6	58012.601
262.5	400	262.5	57961.9	58101.898
275	400	275	58039.9	58179.898
287.5	400	287.5	57998.7	58138.699
300	400	300	58275.8	58415.800
312.5	400	312.5	58037.6	58177.601
325	400	325	57859.7	57999.699
337.5	400	337.5	57866.1	58006.101
350	400	350	58116.4	58256.398
362.5	400	362.5	58171.7	58311.699
375	400	375	57895.5	58035.5
387.5	400	387.5	57887.6	58027.601
400	400	400	57750.5	57890.5

412.5	400	412.5	57628.7	57768.699
425	400	425	57610.1	57750.101
437.5	400	437.5	57513.6	57653.601
450	400	450	57671.1	57811.101
462.5	400	462.5	57741.9	57881.898
475	400	475	57705.9	57845.898
487.5	400	487.5	57830.9	57970.898
500	400	500	57974.7	58114.699
512.5	400	512.5	58160.4	58300.398
525	400	525	58229.8	58369.800
537.5	400	537.5	58182.2	58322.199
550	400	550	58132.9	58272.898
562.5	400	562.5	57808.5	57948.5
575	400	575	57637.2	57777.199
587.5	400	587.5	57630.6	57770.601
600	400	600	57674.7	57814.699
612.5	400	612.5	57691.9	57831.898
625	400	625	57745.4	57885.398
637.5	400	637.5	57585.2	57725.199
650	400	650	57855.8	57995.800
662.5	400	662.5	57942.4	58082.398
675	400	675	57989.9	58129.898
687.5	400	687.5	57848.9	57988.898
700	400	700	57904	58044
712.5	400	712.5	57981.6	58121.601
725	400	725	58078.5	58218.5
737.5	400	737.5	58114	58254
750	400	750	58003.1	58143.101
762.5	400	762.5	57636.7	57776.699
775	400	775	58007.4	58147.398
787.5	400	787.5	58387.5	58527.5
800	400	800	58844.5	58984.5
812.5	400	812.5	58806.8	58946.800
825	400	825	58676.6	58816.601
837.5	400	837.5	58168.8	58308.800
850	400	850	58449.4	58589.398
862.5	400	862.5	58321.5	58461.5
875	400	875	58303.9	58443.898
887.5	400	887.5	58402.7	58542.699
900	400	900	58307.1	58447.101
912.5	400	912.5	58186.1	58326.101
925	400	925	58205	58345
937.5	400	937.5	58089.2	58229.199
950	400	950	58076	58216
962.5	400	962.5	58148.7	58288.699
975	400	975	58280.9	58420.898
987.5	400	987.5	58306.7	58446.699
1000	400	1000	58337	58477
1012.5	400	1012.5	58444.9	58584.898
1025	400	1025	58982.8	59122.800
1037.5	400	1037.5	58829.1	58969.101
1050	400	1050	58500.7	58640.699
1062.5	400	1062.5	58356.2	58496.199
1075	400	1075	58232.4	58372.398
1087.5	400	1087.5	58231.4	58371.398
1100	400	1100	58543.9	58683.898
1112.5	400	1112.5	58603.6	58743.601
1125	400	1125	58677.5	58817.5
1137.5	400	1137.5	58374.4	58514.398
1150	400	1150	58350.4	58490.398

1162.5	400	1162.5	58157.8	58297.800
1175	400	1175	58242.4	58382.398
1187.5	400	1187.5	58366.6	58506.601
1200	400	1200	58325.3	58465.300
line	300			
-800	300	-800	57475.4	57615.398
-787.5	300	-787.5	57455.6	57595.601
-775	300	-775	57470.5	57610.5
-762.5	300	-762.5	57467.1	57607.101
-750	300	-750	57495.1	57635.101
-737.5	300	-737.5	57505.8	57645.800
-725	300	-725	57508.9	57648.898
-712.5	300	-712.5	57524.5	57664.5
-700	300	-700	57517.5	57657.5
-687.5	300	-687.5	57501.1	57641.101
-675	300	-675	57478	57618
-662.5	300	-662.5	57484.5	57624.5
-650	300	-650	57470.3	57610.300
-637.5	300	-637.5	57464.6	57604.601
-625	300	-625	57472.3	57612.300
-612.5	300	-612.5	57468.8	57608.800
-600	300	-600	57454.4	57594.398
-587.5	300	-587.5	57481.7	57621.699
-575	300	-575	57490.4	57630.398
-562.5	300	-562.5	57488.7	57628.699
-550	300	-550	57496.7	57636.699
-537.5	300	-537.5	57506.6	57646.601
-525	300	-525	57503.5	57643.5
-512.5	300	-512.5	57502.2	57642.199
-500	300	-500	57486.2	57626.199
-487.5	300	-487.5	57533.5	57673.5
-475	300	-475	57516.8	57656.800
-462.5	300	-462.5	57533.1	57673.101
-450	300	-450	57537.4	57677.398
-437.5	300	-437.5	57525.4	57665.398
-425	300	-425	57510.7	57650.699
-412.5	300	-412.5	57541	57681
-400	300	-400	57522.1	57662.101
-387.5	300	-387.5	57488.9	57628.898
-375	300	-375	57513.9	57653.898
-362.5	300	-362.5	57540.5	57680.5
-350	300	-350	57498	57638
-337.5	300	-337.5	57517.9	57657.898
-325	300	-325	57527.5	57667.5
-312.5	300	-312.5	57530.4	57670.398
-300	300	-300	57533.8	57673.800
-287.5	300	-287.5	57523.8	57663.800
-275	300	-275	57529	57669
-262.5	300	-262.5	57513.2	57653.199
-250	300	-250	57504.4	57644.398
-237.5	300	-237.5	57509.7	57649.699
-225	300	-225	57506.9	57646.898
-212.5	300	-212.5	57521.3	57661.300
-200	300	-200	57542.1	57682.101
-187.5	300	-187.5	57576.1	57716.101
-175	300	-175	57579.7	57719.699
-162.5	300	-162.5	57582.2	57722.199
-150	300	-150	57559.3	57699.300
-137.5	300	-137.5	57577.4	57717.398
-125	300	-125	57593.9	57733.898

-112.5	300	-112.5	57601.3	57741.300
-100	300	-100	57551.7	57691.699
-87.5	300	-87.5	57556.5	57696.5
-75	300	-75	57604.3	57744.300
-62.5	300	-62.5	57567.6	57707.601
-50	300	-50	57600.6	57740.601
-37.5	300	-37.5	57622.1	57762.101
-25	300	-25	57789	57929
-12.5	300	-12.5	57827.8	57967.800
0	300	0	57854	57994
12.5	300	12.5	57920.4	58060.398
25	300	25	57849.1	57989.101
37.5	300	37.5	57797.7	57937.699
50	300	50	57687.5	57827.5
62.5	300	62.5	57638.4	57778.398
75	300	75	57669.3	57809.300
87.5	300	87.5	57705.5	57845.5
100	300	100	57735.7	57875.699
112.5	300	112.5	57643.4	57783.398
125	300	125	57613.1	57753.101
137.5	300	137.5	57656.6	57796.601
150	300	150	57631.8	57771.800
162.5	300	162.5	57584.9	57724.898
175	300	175	57542	57682
187.5	300	187.5	57588.2	57728.199
200	300	200	57680.7	57820.699
212.5	300	212.5	57662.9	57802.898
225	300	225	57651.8	57791.800
237.5	300	237.5	57747.3	57887.300
250	300	250	57709.6	57849.601
262.5	300	262.5	57632.2	57772.199
275	300	275	57635.5	57775.5
287.5	300	287.5	57713.9	57853.898
300	300	300	57722.4	57862.398
312.5	300	312.5	57686.4	57826.398
325	300	325	57635.7	57775.699
337.5	300	337.5	57661	57801
350	300	350	57777.7	57917.699
362.5	300	362.5	57859.1	57999.101
375	300	375	57914	58054
387.5	300	387.5	57826.4	57966.398
400	300	400	57819	57959
412.5	300	412.5	57499.1	57639.101
425	300	425	57326.4	57466.398
437.5	300	437.5	57328	57468
450	300	450	57406.4	57546.398
462.5	300	462.5	57506.3	57646.300
475	300	475	57607.8	57747.800
487.5	300	487.5	57688.3	57828.300
500	300	500	58015.4	58155.398
512.5	300	512.5	57817.7	57957.699
525	300	525	58286.3	58426.300
537.5	300	537.5	58383.5	58523.5
550	300	550	58328.6	58468.601
562.5	300	562.5	58182.3	58322.300
575	300	575	57975.4	58115.398
587.5	300	587.5	57453.4	57593.398
600	300	600	57400.5	57540.5
612.5	300	612.5	57497.2	57637.199
625	300	625	57488.4	57628.398

637.5	300	637.5	57615	57755
650	300	650	57860.7	58000.699
662.5	300	662.5	58015.1	58155.101
675	300	675	57861.2	58001.199
687.5	300	687.5	57838.9	57978.898
700	300	700	57942.7	58082.699
712.5	300	712.5	58113.9	58253.898
725	300	725	58355.8	58495.800
737.5	300	737.5	58671.2	58811.199
750	300	750	58572.2	58712.199
762.5	300	762.5	58374.7	58514.699
775	300	775	57941.6	58081.601
787.5	300	787.5	58182.9	58322.898
800	300	800	58379.6	58519.601
812.5	300	812.5	58520.7	58660.699
825	300	825	58515.6	58655.601
837.5	300	837.5	58517	58657
850	300	850	58152.2	58292.199
862.5	300	862.5	58166.7	58306.699
875	300	875	58366.5	58506.5
887.5	300	887.5	58556	58696
900	300	900	58667.7	58807.699
912.5	300	912.5	58377.7	58517.699
925	300	925	58343.9	58483.898
937.5	300	937.5	58609.3	58749.300
950	300	950	58585.4	58725.398
962.5	300	962.5	58234.7	58374.699
975	300	975	58118.1	58258.101
987.5	300	987.5	58136.8	58276.800
1000	300	1000	58287.9	58427.898
1012.5	300	1012.5	58395.2	58535.199
1025	300	1025	58399.7	58539.699
1037.5	300	1037.5	58445	58585
1050	300	1050	58526.3	58666.300
1062.5	300	1062.5	58540.3	58680.300
1075	300	1075	58393	58533
1087.5	300	1087.5	58249.2	58389.199
1100	300	1100	58309.7	58449.699
1112.5	300	1112.5	58444.6	58584.601
1125	300	1125	58316	58456
1137.5	300	1137.5	58358	58498
1150	300	1150	58311.9	58451.898
1162.5	300	1162.5	58281.2	58421.199
1175	300	1175	58282.1	58422.101
1187.5	300	1187.5	58208.8	58348.800
1200	300	1200	58238.5	58378.5
line	200			
-2300	200	-2300	57526.7	57666.699
-2287.5	200	-2287.5	57522.2	57662.199
-2275	200	-2275	57530.3	57670.300
-2262.5	200	-2262.5	57537.2	57677.199
-2250	200	-2250	57554	57694
-2237.5	200	-2237.5	57576.8	57716.800
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-2212.5	200	-2212.5	57537.1	57677.101
-2200	200	-2200	57530.5	57670.5
-2187.5	200	-2187.5	57543.6	57683.601
-2175	200	-2175	57552.4	57692.398
-2162.5	200	-2162.5	57533.6	57673.601
-2150	200	-2150	57509.7	57649.699

-2137.5	200	-2137.5	57489	57629
-2125	200	-2125	57483.2	57623.199
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-2100	200	-2100	57529.4	57669.398
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-2075	200	-2075	57651.4	57791.398
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-2050	200	-2050	57518	57658
-2037.5	200	-2037.5	57540.7	57680.699
-2025	200	-2025	57527.1	57667.101
-2012.5	200	-2012.5	57471.1	57611.101
-2000	200	-2000	57383.6	57523.601
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-1975	200	-1975	57400.5	57540.5
-1962.5	200	-1962.5	57406.6	57546.601
-1950	200	-1950	57440.4	57580.398
-1937.5	200	-1937.5	57469.6	57609.601
-1925	200	-1925	57426	57566
-1912.5	200	-1912.5	57425.4	57565.398
-1900	200	-1900	57421.6	57561.601
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-1875	200	-1875	57506	57646
-1862.5	200	-1862.5	57538.7	57678.699
-1850	200	-1850	57543.1	57683.101
-1837.5	200	-1837.5	57559.7	57699.699
-1825	200	-1825	57551.9	57691.898
-1812.5	200	-1812.5	57528.9	57668.898
-1800	200	-1800	57513.2	57653.199
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-1762.5	200	-1762.5	57536.7	57676.699
-1750	200	-1750	57537.6	57677.601
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-1725	200	-1725	57538.4	57678.398
-1712.5	200	-1712.5	57557.6	57697.601
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-1650	200	-1650	57606.2	57746.199
-1637.5	200	-1637.5	57536.9	57676.898
-1625	200	-1625	57482.6	57622.601
-1612.5	200	-1612.5	57509.6	57649.601
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-1575	200	-1575	57585.4	57725.398
-1562.5	200	-1562.5	57516.2	57656.199
-1550	200	-1550	57499.6	57639.601
-1537.5	200	-1537.5	57474.1	57614.101
-1525	200	-1525	57462.4	57602.398
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-1425	200	-1425	57533.1	57673.101
-1412.5	200	-1412.5	57482	57622
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-1362.5	200	-1362.5	57474.1	57614.101
-1350	200	-1350	57461.1	57601.101
-1337.5	200	-1337.5	57467.2	57607.199
-1325	200	-1325	57465.1	57605.101
-1312.5	200	-1312.5	57466.6	57606.601
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-1275	200	-1275	57570.7	57710.699
-1262.5	200	-1262.5	57544.2	57684.199
-1250	200	-1250	57513.1	57653.101
-1237.5	200	-1237.5	57473.9	57613.898
-1225	200	-1225	57462.5	57602.5
-1212.5	200	-1212.5	57469.9	57609.898
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-1137.5	200	-1137.5	57423.8	57563.800
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-1112.5	200	-1112.5	57397.6	57537.601
-1100	200	-1100	57419.3	57559.300
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-1062.5	200	-1062.5	57451.6	57591.601
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-1000	200	-1000	57397.1	57537.101
-987.5	200	-987.5	57503.2	57643.199
-975	200	-975	57403	57543
-962.5	200	-962.5	57423.7	57563.699
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-937.5	200	-937.5	57420.2	57560.199
-925	200	-925	57421.8	57561.800
-912.5	200	-912.5	57422	57562
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-887.5	200	-887.5	57424.1	57564.101
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-862.5	200	-862.5	57432.8	57572.800
-850	200	-850	57449.5	57589.5
-837.5	200	-837.5	57444.7	57584.699
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-800	200	-800	57466	57606
-800	200	-800	57466.1	57606.101
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-775	200	-775	57506.2	57646.199
-762.5	200	-762.5	57497.4	57637.398
-750	200	-750	57478.6	57618.601
-737.5	200	-737.5	57488.7	57628.699
-725	200	-725	57484.4	57624.398
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-675	200	-675	57505	57645
-662.5	200	-662.5	57537.2	57677.199

-650	200	-650	57503.2	57643.199
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-612.5	200	-612.5	57519.9	57659.898
-600	200	-600	57529.3	57669.300
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-575	200	-575	57517.1	57657.101
-562.5	200	-562.5	57503	57643
-550	200	-550	57502.6	57642.601
-537.5	200	-537.5	57496.2	57636.199
-525	200	-525	57502.3	57642.300
-512.5	200	-512.5	57513.7	57653.699
-500	200	-500	57510.8	57650.800
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-437.5	200	-437.5	57472.4	57612.398
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-387.5	200	-387.5	57476.3	57616.300
-375	200	-375	57493.1	57633.101
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-350	200	-350	57525.4	57665.398
-337.5	200	-337.5	57543	57683
-325	200	-325	57522.3	57662.300
-312.5	200	-312.5	57482.2	57622.199
-300	200	-300	57480.8	57620.800
-287.5	200	-287.5	57511.7	57651.699
-275	200	-275	57515.9	57655.898
-262.5	200	-262.5	57483.2	57623.199
-250	200	-250	57492.5	57632.5
-237.5	200	-237.5	57503.2	57643.199
-225	200	-225	57517.6	57657.601
-212.5	200	-212.5	57502.6	57642.601
-200	200	-200	57529.5	57669.5
-187.5	200	-187.5	57548.7	57688.699
-175	200	-175	57522.2	57662.199
-162.5	200	-162.5	57562	57702
-150	200	-150	57539	57679
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-125	200	-125	57515.3	57655.300
-112.5	200	-112.5	57498.9	57638.898
-100	200	-100	57516.7	57656.699
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-75	200	-75	57531.5	57671.5
-62.5	200	-62.5	57560.4	57700.398
-50	200	-50	57553.9	57693.898
-37.5	200	-37.5	57566.3	57706.300
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0	200	0	57743.1	57883.101
12.5	200	12.5	57757.7	57897.699
25	200	25	57728.4	57868.398
37.5	200	37.5	57712.8	57852.800
50	200	50	57716.3	57856.300
62.5	200	62.5	57730.1	57870.101
75	200	75	57720.1	57860.101
87.5	200	87.5	57825.3	57965.300

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112.5	200	112.5	57751.6	57891.601
125	200	125	57668	57808
137.5	200	137.5	57680.8	57820.800
150	200	150	57719.1	57859.101
162.5	200	162.5	57683.3	57823.300
175	200	175	57704.5	57844.5
187.5	200	187.5	57770.6	57910.601
200	200	200	57773.2	57913.199
212.5	200	212.5	57795.7	57935.699
225	200	225	57842.2	57982.199
237.5	200	237.5	57818	57958
250	200	250	57821.2	57961.199
262.5	200	262.5	57809.8	57949.800
275	200	275	57760.5	57900.5
287.5	200	287.5	57721	57861
300	200	300	57709.3	57849.300
312.5	200	312.5	57646	57786
325	200	325	57582.3	57722.300
337.5	200	337.5	57552.3	57692.300
350	200	350	57581.3	57721.300
362.5	200	362.5	57585.6	57725.601
375	200	375	57593.6	57733.601
387.5	200	387.5	57589.6	57729.601
400	200	400	57436.2	57576.199
412.5	200	412.5	58032	58172
425	200	425	58395	58535
437.5	200	437.5	58380.4	58520.398
450	200	450	58872.9	59012.898
462.5	200	462.5	59086.9	59226.898
475	200	475	58958.4	59098.398
487.5	200	487.5	58508.2	58648.199
500	200	500	58195.3	58335.300
512.5	200	512.5	58603.8	58743.800
525	200	525	58999.4	59139.398
537.5	200	537.5	59063.1	59203.101
550	200	550	59475.5	59615.5
562.5	200	562.5	59505.1	59645.101
575	200	575	59158.3	59298.300
587.5	200	587.5	59459.8	59599.800
600	200	600	58972.2	59112.199
612.5	200	612.5	58817.9	58957.898
625	200	625	58255.1	58395.101
637.5	200	637.5	57902.9	58042.898
650	200	650	58015	58155
662.5	200	662.5	57961.1	58101.101
675	200	675	57825.2	57965.199
687.5	200	687.5	57874.2	58014.199
700	200	700	58090.5	58230.5
712.5	200	712.5	58352.5	58492.5
725	200	725	58283.4	58423.398
737.5	200	737.5	57975.9	58115.898
750	200	750	57840.9	57980.898
762.5	200	762.5	58350.8	58490.800
775	200	775	58264.4	58404.398
787.5	200	787.5	58280.8	58420.800
800	200	800	58557.6	58697.601
812.5	200	812.5	58360	58500
825	200	825	58088	58228
837.5	200	837.5	58212.5	58352.5

850	200	850	58364.8	58504.800
862.5	200	862.5	58292.3	58432.300
875	200	875	58163.4	58303.398
887.5	200	887.5	58306.1	58446.101
900	200	900	58378.6	58518.601
912.5	200	912.5	58314.8	58454.800
925	200	925	58380.3	58520.300
937.5	200	937.5	58385.6	58525.601
950	200	950	58514.7	58654.699
962.5	200	962.5	58693.2	58833.199
975	200	975	58344.1	58484.101
987.5	200	987.5	58703.5	58843.5
1000	200	1000	58839.3	58979.300
1012.5	200	1012.5	59027.6	59167.601
1025	200	1025	59084.2	59224.199
1037.5	200	1037.5	59007.1	59147.101
1050	200	1050	59262.8	59402.800
1062.5	200	1062.5	60073.2	60213.199
1075	200	1075	60121.6	60261.601
1087.5	200	1087.5	59945.8	60085.800
1100	200	1100	59833.9	59973.898
1112.5	200	1112.5	59618.8	59758.800
1125	200	1125	59453.2	59593.199
1137.5	200	1137.5	59067.2	59207.199
1150	200	1150	58699.9	58839.898
1162.5	200	1162.5	58668.3	58808.300
1175	200	1175	58725.8	58865.800
1187.5	200	1187.5	58441.9	58581.898
1200	200	1200	58209.5	58349.5
line	100			
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-775	100	-775	57459.7	57599.699
-762.5	100	-762.5	57451.7	57591.699
-750	100	-750	57450.9	57590.898
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-725	100	-725	57449.5	57589.5
-712.5	100	-712.5	57458.8	57598.800
-700	100	-700	57467.2	57607.199
-687.5	100	-687.5	57472.9	57612.898
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-650	100	-650	57480.9	57620.898
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-625	100	-625	57472.4	57612.398
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-575	100	-575	57526.5	57666.5
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-550	100	-550	57496.3	57636.300
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-500	100	-500	57512.1	57652.101
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-475	100	-475	57515.8	57655.800
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-425	100	-425	57495.2	57635.199
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-350	100	-350	57478.1	57618.101
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-300	100	-300	57473.1	57613.101
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-275	100	-275	57488.8	57628.800
-262.5	100	-262.5	57507.4	57647.398
-250	100	-250	57491.5	57631.5
-237.5	100	-237.5	57527.7	57667.699
-225	100	-225	57505.9	57645.898
-212.5	100	-212.5	57499.4	57639.398
-200	100	-200	57480.8	57620.800
-187.5	100	-187.5	57504.6	57644.601
-175	100	-175	57503.6	57643.601
-162.5	100	-162.5	57525.3	57665.300
-150	100	-150	57579.1	57719.101
-137.5	100	-137.5	57597.1	57737.101
-125	100	-125	57572.4	57712.398
-112.5	100	-112.5	57556.9	57696.898
-100	100	-100	57519.4	57659.398
-87.5	100	-87.5	57498.4	57638.398
-75	100	-75	57511.3	57651.300
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-50	100	-50	57554.2	57694.199
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-25	100	-25	57572.2	57712.199
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0	100	0	57691.6	57831.601
12.5	100	12.5	57697.1	57837.101
25	100	25	57724.6	57864.601
37.5	100	37.5	57743.4	57883.398
50	100	50	57757.9	57897.898
62.5	100	62.5	57794.9	57934.898
75	100	75	57786.1	57926.101
87.5	100	87.5	57769.3	57909.300
100	100	100	57817.8	57957.800
112.5	100	112.5	57697	57837
125	100	125	57641.7	57781.699
137.5	100	137.5	57604.5	57744.5
150	100	150	57603.9	57743.898
162.5	100	162.5	57643.8	57783.800
175	100	175	57596.5	57736.5
187.5	100	187.5	57606.5	57746.5
200	100	200	57652.3	57792.300
212.5	100	212.5	57747.1	57887.101
225	100	225	57752.4	57892.398
237.5	100	237.5	57809.7	57949.699
250	100	250	57841.6	57981.601
line	0			
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-2275	0	-2275	57467.5	57607.5
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-2200	0	-2200	57525.4	57665.398
-2187.5	0	-2187.5	57483.3	57623.300
-2175	0	-2175	57483.9	57623.898
-2162.5	0	-2162.5	57493.7	57633.699
-2150	0	-2150	57564.7	57704.699
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-2125	0	-2125	57810.6	57950.601
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-2075	0	-2075	57639.8	57779.800
-2062.5	0	-2062.5	57590.9	57730.898
-2050	0	-2050	57489.7	57629.699
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-2025	0	-2025	57459.8	57599.800
-2012.5	0	-2012.5	57469	57609
-2000	0	-2000	57467.3	57607.300
-1987.5	0	-1987.5	57466.9	57606.898
-1975	0	-1975	57457.3	57597.300
-1962.5	0	-1962.5	57449.3	57589.300
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-1937.5	0	-1937.5	57436.7	57576.699
-1925	0	-1925	57437.7	57577.699
-1912.5	0	-1912.5	57486.2	57626.199
-1900	0	-1900	57434.4	57574.398
-1887.5	0	-1887.5	57462.7	57602.699
-1875	0	-1875	57516.1	57656.101
-1862.5	0	-1862.5	57745.7	57885.699
-1850	0	-1850	57501	57641
-1837.5	0	-1837.5	57545.8	57685.800
-1825	0	-1825	57518.6	57658.601
-1812.5	0	-1812.5	57382.5	57522.5
-1800	0	-1800	57530.6	57670.601
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-1775	0	-1775	57476.6	57616.601
-1762.5	0	-1762.5	57496.4	57636.398
-1750	0	-1750	57545.6	57685.601
-1737.5	0	-1737.5	57517.6	57657.601
-1725	0	-1725	57501.5	57641.5
-1712.5	0	-1712.5	57494.8	57634.800
-1700	0	-1700	57499.7	57639.699
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-1675	0	-1675	57562.3	57702.300
-1662.5	0	-1662.5	57571	57711
-1650	0	-1650	57532.5	57672.5
-1637.5	0	-1637.5	57606.7	57746.699
-1625	0	-1625	57634.2	57774.199
-1612.5	0	-1612.5	57693.7	57833.699
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-1575	0	-1575	57417.9	57557.898
-1562.5	0	-1562.5	57480.3	57620.300
-1550	0	-1550	57503.2	57643.199
-1537.5	0	-1537.5	57520.4	57660.398
-1525	0	-1525	57555.6	57695.601
-1512.5	0	-1512.5	57458	57598

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-1450	0	-1450	57547.9	57687.898
-1437.5	0	-1437.5	57566.7	57706.699
-1425	0	-1425	57551.9	57691.898
-1412.5	0	-1412.5	57509.3	57649.300
-1400	0	-1400	57419.7	57559.699
-1387.5	0	-1387.5	57370.3	57510.300
-1375	0	-1375	57393	57533
-1362.5	0	-1362.5	57385.2	57525.199
-1350	0	-1350	57395.4	57535.398
-1337.5	0	-1337.5	57403.8	57543.800
-1325	0	-1325	57410.3	57550.300
-1312.5	0	-1312.5	57403.8	57543.800
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-1275	0	-1275	57403.7	57543.699
-1262.5	0	-1262.5	57393.1	57533.101
-1250	0	-1250	57403.1	57543.101
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-1150	0	-1150	57461.6	57601.601
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-1050	0	-1050	57546.6	57686.601
-1037.5	0	-1037.5	57622.5	57762.5
-1025	0	-1025	57667.1	57807.101
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-1000	0	-1000	57456.7	57596.699
-987.5	0	-987.5	57464.5	57604.5
-975	0	-975	58024	58164
-962.5	0	-962.5	57580.3	57720.300
-950	0	-950	57352.4	57492.398
-937.5	0	-937.5	57362.3	57502.300
-925	0	-925	57392	57532
-912.5	0	-912.5	57462.5	57602.5
-900	0	-900	57480.5	57620.5
-887.5	0	-887.5	57496.4	57636.398
-875	0	-875	57443.4	57583.398
-862.5	0	-862.5	57396.6	57536.601
-850	0	-850	57386.8	57526.800
-837.5	0	-837.5	57405.4	57545.398
-825	0	-825	57362.5	57502.5
-812.5	0	-812.5	57342.8	57482.800
-800	0	-800	57325	57465
-787.5	0	-787.5	57358.1	57498.101
-775	0	-775	57370.1	57510.101
-762.5	0	-762.5	57378.6	57518.601

-750	0	-750	57379.1	57519.101
-737.5	0	-737.5	57372.5	57512.5
-725	0	-725	57392.9	57532.898
-712.5	0	-712.5	57414.5	57554.5
-700	0	-700	57479.6	57619.601
-687.5	0	-687.5	57455.9	57595.898
-675	0	-675	57447.5	57587.5
-662.5	0	-662.5	57465	57605
-650	0	-650	57480.1	57620.101
-637.5	0	-637.5	57506.1	57646.101
-625	0	-625	57531.7	57671.699
-612.5	0	-612.5	57541.2	57681.199
-600	0	-600	57550.3	57690.300
-587.5	0	-587.5	57558.3	57698.300
-575	0	-575	57556.7	57696.699
-562.5	0	-562.5	57552.7	57692.699
-550	0	-550	57543.8	57683.800
-537.5	0	-537.5	57519.5	57659.5
-525	0	-525	57524.6	57664.601
-512.5	0	-512.5	57517.4	57657.398
-500	0	-500	57512.3	57652.300
-487.5	0	-487.5	57518.2	57658.199
-475	0	-475	57513.6	57653.601
-462.5	0	-462.5	57515.9	57655.898
-450	0	-450	57538.8	57678.800
-437.5	0	-437.5	57559.6	57699.601
-425	0	-425	57597.8	57737.800
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-400	0	-400	57603.8	57743.800
-387.5	0	-387.5	57633.1	57773.101
-375	0	-375	57631.1	57771.101
-362.5	0	-362.5	57571.1	57711.101
-350	0	-350	57575.4	57715.398
-337.5	0	-337.5	57560.5	57700.5
-325	0	-325	57542.1	57682.101
-312.5	0	-312.5	57549	57689
-300	0	-300	57529.3	57669.300
-287.5	0	-287.5	57540.7	57680.699
-275	0	-275	57496.1	57636.101
-262.5	0	-262.5	57481.9	57621.898
-250	0	-250	57465.9	57605.898
-237.5	0	-237.5	57468.5	57608.5
-225	0	-225	57482.1	57622.101
-212.5	0	-212.5	57495.3	57635.300
-200	0	-200	57486.6	57626.601
-187.5	0	-187.5	57485.9	57625.898
-175	0	-175	57509.3	57649.300
-162.5	0	-162.5	57494.7	57634.699
-150	0	-150	57454.5	57594.5
-137.5	0	-137.5	57446.7	57586.699
-125	0	-125	57442.6	57582.601
-112.5	0	-112.5	57497.4	57637.398
-100	0	-100	57489.8	57629.800
-87.5	0	-87.5	57497	57637
-75	0	-75	57512.5	57652.5
-62.5	0	-62.5	57514.4	57654.398
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-25	0	-25	57726.6	57866.601
-12.5	0	-12.5	57691.4	57831.398

0	0	0	57563	57703
0	0	0	57629.8	57769.800
12.5	0	12.5	57628	57768
25	0	25	57685.1	57825.101
37.5	0	37.5	57612.1	57752.101
50	0	50	57581.9	57721.898
62.5	0	62.5	57625.2	57765.199
75	0	75	57626.1	57766.101
87.5	0	87.5	57667.2	57807.199
100	0	100	57790	57930
112.5	0	112.5	57704.8	57844.800
125	0	125	57666.3	57806.300
137.5	0	137.5	57662.7	57802.699
150	0	150	57573.4	57713.398
162.5	0	162.5	57589.4	57729.398
175	0	175	57601.9	57741.898
187.5	0	187.5	57593.5	57733.5
200	0	200	57600.1	57740.101
212.5	0	212.5	57758.5	57898.5
225	0	225	57618.2	57758.199
237.5	0	237.5	57605.2	57745.199
250	0	250	57632.5	57772.5
262.5	0	262.5	57761.2	57901.199
275	0	275	57750.6	57890.601
287.5	0	287.5	57696.7	57836.699
300	0	300	57671.2	57811.199
312.5	0	312.5	57740	57880
325	0	325	57788.5	57928.5
337.5	0	337.5	57836	57976
350	0	350	57929.4	58069.398
362.5	0	362.5	58018.7	58158.699
375	0	375	58190.8	58330.800
387.5	0	387.5	58183.7	58323.699
400	0	400	58652.1	58792.101
412.5	0	412.5	59102.5	59242.5
425	0	425	59225.9	59365.898
437.5	0	437.5	59555	59695
450	0	450	59165.8	59305.800
462.5	0	462.5	59217.3	59357.300
475	0	475	58861	59001
487.5	0	487.5	58802.5	58942.5
500	0	500	58642.3	58782.300
512.5	0	512.5	58864.6	59004.601
525	0	525	58364.6	58504.601
537.5	0	537.5	58583.6	58723.601
550	0	550	59307.1	59447.101
562.5	0	562.5	59812.7	59952.699
575	0	575	59372.1	59512.101
587.5	0	587.5	59899.2	60039.199
600	0	600	59864.1	60004.101
612.5	0	612.5	59391.7	59531.699
625	0	625	58239	58379
637.5	0	637.5	58406.1	58546.101
650	0	650	59012.5	59152.5
662.5	0	662.5	58451.1	58591.101
675	0	675	58919	59059
687.5	0	687.5	59131	59271
700	0	700	58534.5	58674.5
712.5	0	712.5	58601.2	58741.199
725	0	725	59353.2	59493.199

737.5	0	737.5	59073	59213
750	0	750	58551.6	58691.601
762.5	0	762.5	58445.9	58585.898
775	0	775	58475.1	58615.101
787.5	0	787.5	58530.7	58670.699
800	0	800	58106.5	58246.5
812.5	0	812.5	58098.8	58238.800
825	0	825	58269	58409
837.5	0	837.5	58304.3	58444.300
850	0	850	58384.4	58524.398
862.5	0	862.5	58387	58527
875	0	875	58432.8	58572.800
887.5	0	887.5	58467.7	58607.699
900	0	900	58423.5	58563.5
912.5	0	912.5	58418.5	58558.5
925	0	925	58341.6	58481.601
937.5	0	937.5	58250.9	58390.898
950	0	950	58024	58164
962.5	0	962.5	57938.1	58078.101
975	0	975	57878.4	58018.398
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1000	0	1000	57977.7	58117.699
1012.5	0	1012.5	58019.6	58159.601
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1037.5	0	1037.5	57861	58001
1050	0	1050	57893.7	58033.699
1062.5	0	1062.5	57916	58056
1075	0	1075	58055.1	58195.101
1087.5	0	1087.5	57930.4	58070.398
1100	0	1100	57997.5	58137.5
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1125	0	1125	57833.2	57973.199
1137.5	0	1137.5	57967	58107
1150	0	1150	58164.9	58304.898
1162.5	0	1162.5	57992.3	58132.300
1175	0	1175	57970.9	58110.898
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-1275	-400	-1275	57589.4	57729.398
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-1150	-400	-1150	57602.3	57742.300
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-1125	-400	-1125	57593.8	57733.800

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-1100	-400	-1100	57593.9	57733.898
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-975	-400	-975	57540.4	57680.398
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-950	-400	-950	57539.7	57679.699
-937.5	-400	-937.5	57526.4	57666.398
-925	-400	-925	57522.6	57662.601
-912.5	-400	-912.5	57532.9	57672.898
-900	-400	-900	57539.5	57679.5
-887.5	-400	-887.5	57543.9	57683.898
-875	-400	-875	57538.3	57678.300
-862.5	-400	-862.5	57537.5	57677.5
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-825	-400	-825	57627.1	57767.101
-812.5	-400	-812.5	57533.6	57673.601
-800	-400	-800	57526	57666
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-775	-400	-775	57511.9	57651.898
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-725	-400	-725	57508.3	57648.300
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-612.5	-400	-612.5	57533.1	57673.101
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-550	-400	-550	57678.8	57818.800
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-400	-400	-400	57522.6	57662.601
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-300	-400	-300	57508.5	57648.5
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-250	-400	-250	57546.4	57686.398
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-50	-400	-50	57518.4	57658.398
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37.5	-400	37.5	57577.2	57717.199
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62.5	-400	62.5	57520.6	57660.601
75	-400	75	57523.2	57663.199
87.5	-400	87.5	57529.9	57669.898
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112.5	-400	112.5	57549.1	57689.101
125	-400	125	57560.2	57700.199
137.5	-400	137.5	57567.9	57707.898
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162.5	-400	162.5	57580.1	57720.101
175	-400	175	57592.3	57732.300
187.5	-400	187.5	57559.5	57699.5
tie	200			
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200	-700	-700	57513.1	57653.101
200	-650	-650	57513	57653
200	-600	-600	57570.5	57710.5
200	-550	-550	57554.9	57694.898
200	-500	-500	57581.9	57721.898
200	-450	-450	57587.6	57727.601
200	-400	-400	57604	57744
200	-350	-350	57607.5	57747.5
200	-300	-300	57717.1	57857.101
200	-250	-250	57672.9	57812.898
200	-200	-200	57790.9	57930.898
200	-150	-150	58294.4	58434.398

200	-100	-100	58014.1	58154.101
200	-50	-50	57634.1	57774.101
200	0	0	57764.3	57904.300
line	-800			
-1375	-800	-1375	57454.3	57594.300
-1362.5	-800	-1362.5	57437.6	57577.601
-1350	-800	-1350	57450.7	57590.699
-1337.5	-800	-1337.5	57411.6	57551.601
-1325	-800	-1325	57406.4	57546.398
-1312.5	-800	-1312.5	57421.7	57561.699
-1300	-800	-1300	57439.1	57579.101
-1287.5	-800	-1287.5	57422	57562
-1275	-800	-1275	57450.6	57590.601
-1262.5	-800	-1262.5	57469.1	57609.101
-1250	-800	-1250	57464.8	57604.800
-1237.5	-800	-1237.5	57556.1	57696.101
-1225	-800	-1225	57549.1	57689.101
-1212.5	-800	-1212.5	57431.2	57571.199
-1200	-800	-1200	57447.4	57587.398
-1187.5	-800	-1187.5	57452.1	57592.101
-1175	-800	-1175	57449.6	57589.601
-1162.5	-800	-1162.5	57466.5	57606.5
-1150	-800	-1150	57474.5	57614.5
-1137.5	-800	-1137.5	57488.7	57628.699
-1125	-800	-1125	57510.4	57650.398
-1112.5	-800	-1112.5	57516.8	57656.800
-1100	-800	-1100	57537.2	57677.199
-1087.5	-800	-1087.5	57547.7	57687.699
-1075	-800	-1075	57550.8	57690.800
-1062.5	-800	-1062.5	57515.9	57655.898
-1050	-800	-1050	57496.1	57636.101
-1037.5	-800	-1037.5	57496.8	57636.800
-1025	-800	-1025	57458.6	57598.601
-1012.5	-800	-1012.5	57465.7	57605.699
-1000	-800	-1000	57468.4	57608.398
-987.5	-800	-987.5	57474.5	57614.5
-975	-800	-975	57473	57613
-962.5	-800	-962.5	57466	57606
-950	-800	-950	57489.6	57629.601
-937.5	-800	-937.5	57553.1	57693.101
-925	-800	-925	57471.5	57611.5
-912.5	-800	-912.5	57501.1	57641.101
-900	-800	-900	57460.6	57600.601
-887.5	-800	-887.5	57463	57603
-875	-800	-875	57467.9	57607.898
-862.5	-800	-862.5	57466	57606
-850	-800	-850	57466.2	57606.199
-837.5	-800	-837.5	57454.2	57594.199
-825	-800	-825	57471.8	57611.800
-812.5	-800	-812.5	57457.1	57597.101
-800	-800	-800	57426.7	57566.699
-800	-800	-800	57438	57578
-800	-800	-800	57451.9	57591.898
-800	-800	-800	57455.3	57595.300
-800	-800	-800	57452.1	57592.101
-800	-800	-800	57468.7	57608.699
-800	-800	-800	57472.2	57612.199
-800	-800	-800	57464.7	57604.699
-800	-800	-800	57462.3	57602.300
-800	-800	-800	57461	57601

-800	-800	-800	57464.6	57604.601
-787.5	-800	-787.5	57437.6	57577.601
-775	-800	-775	57422.6	57562.601
-762.5	-800	-762.5	57453.2	57593.199
-750	-800	-750	57460.8	57600.800
-737.5	-800	-737.5	57452.9	57592.898
-725	-800	-725	57441.8	57581.800
-712.5	-800	-712.5	57452.8	57592.800
-700	-800	-700	57438.8	57578.800
-687.5	-800	-687.5	57478.4	57618.398
-675	-800	-675	57457.1	57597.101
-662.5	-800	-662.5	57463.4	57603.398
-650	-800	-650	57466.4	57606.398
-637.5	-800	-637.5	57480.8	57620.800
-625	-800	-625	57490.9	57630.898
-612.5	-800	-612.5	57476.5	57616.5
-600	-800	-600	57458.4	57598.398
-587.5	-800	-587.5	57434.7	57574.699
-575	-800	-575	57490.3	57630.300
-562.5	-800	-562.5	57509.2	57649.199
-550	-800	-550	57535.2	57675.199
-537.5	-800	-537.5	57594.8	57734.800
-525	-800	-525	57650.7	57790.699
-512.5	-800	-512.5	57661.4	57801.398
-500	-800	-500	57635.2	57775.199
-487.5	-800	-487.5	57640.9	57780.898
-475	-800	-475	57663.7	57803.699
-462.5	-800	-462.5	57676.8	57816.800
-450	-800	-450	57677.5	57817.5
-437.5	-800	-437.5	57697.1	57837.101
-425	-800	-425	57711.9	57851.898
-412.5	-800	-412.5	57707	57847
-400	-800	-400	57704.7	57844.699
-387.5	-800	-387.5	57688.4	57828.398
-375	-800	-375	57648.3	57788.300
-362.5	-800	-362.5	57647.1	57787.101
-350	-800	-350	57655.2	57795.199
-337.5	-800	-337.5	57675.7	57815.699
-325	-800	-325	57670.7	57810.699
-312.5	-800	-312.5	57692.4	57832.398
-300	-800	-300	57672.8	57812.800
-287.5	-800	-287.5	57602	57742
-275	-800	-275	57570.3	57710.300
-262.5	-800	-262.5	57506.5	57646.5
-250	-800	-250	57482.7	57622.699
-237.5	-800	-237.5	57477.7	57617.699
-225	-800	-225	57505.8	57645.800
-212.5	-800	-212.5	57504.9	57644.898
-200	-800	-200	57493.3	57633.300
-187.5	-800	-187.5	57479.8	57619.800
-175	-800	-175	57440.4	57580.398
-162.5	-800	-162.5	57529.4	57669.398
-150	-800	-150	57493.6	57633.601
-137.5	-800	-137.5	57475.7	57615.699
-125	-800	-125	57471.2	57611.199
-112.5	-800	-112.5	57491.6	57631.601
-100	-800	-100	57522.3	57662.300
-87.5	-800	-87.5	57492	57632
-75	-800	-75	57466.7	57606.699
-62.5	-800	-62.5	57474.2	57614.199

-50	-800	-50	57481.5	57621.5
-37.5	-800	-37.5	57491.4	57631.398
-25	-800	-25	57488.6	57628.601
-12.5	-800	-12.5	57487.3	57627.300
0	-800	0	57481	57621
12.5	-800	12.5	57510.2	57650.199
25	-800	25	57502.2	57642.199
37.5	-800	37.5	57496.4	57636.398
50	-800	50	57460	57600
62.5	-800	62.5	57446.6	57586.601
75	-800	75	57469.6	57609.601
87.5	-800	87.5	57484.5	57624.5
100	-800	100	57498.8	57638.800
112.5	-800	112.5	57560.6	57700.601
125	-800	125	57764.1	57904.101
137.5	-800	137.5	58147.3	58287.300
150	-800	150	57755.7	57895.699
162.5	-800	162.5	57577.8	57717.800
175	-800	175	57558.9	57698.898
187.5	-800	187.5	57562.5	57702.5
200	-800	200	57570.6	57710.601
212.5	-800	212.5	57563.1	57703.101
225	-800	225	57549.7	57689.699
237.5	-800	237.5	57582.4	57722.398
250	-800	250	57601.1	57741.101
262.5	-800	262.5	57557.4	57697.398
275	-800	275	57565.1	57705.101
287.5	-800	287.5	57550.3	57690.300
300	-800	300	57530.5	57670.5
312.5	-800	312.5	57609.3	57749.300
325	-800	325	57663.4	57803.398
337.5	-800	337.5	57678.1	57818.101
350	-800	350	57674.8	57814.800
362.5	-800	362.5	57674.2	57814.199
375	-800	375	57657	57797
387.5	-800	387.5	57633.5	57773.5
400	-800	400	57606.3	57746.300
412.5	-800	412.5	57614.6	57754.601
425	-800	425	57611.1	57751.101
437.5	-800	437.5	57589.3	57729.300
450	-800	450	57644.1	57784.101
462.5	-800	462.5	57620.9	57760.898
475	-800	475	57600.6	57740.601
487.5	-800	487.5	57606.5	57746.5
500	-800	500	57611.9	57751.898
512.5	-800	512.5	57622.2	57762.199
525	-800	525	57631.5	57771.5
537.5	-800	537.5	57630.7	57770.699
550	-800	550	57649.2	57789.199
562.5	-800	562.5	57654.2	57794.199
575	-800	575	57679.9	57819.898
587.5	-800	587.5	57678.7	57818.699
600	-800	600	57666.9	57806.898
612.5	-800	612.5	57688.3	57828.300
625	-800	625	57727	57867
637.5	-800	637.5	57749.1	57889.101
650	-800	650	57774.5	57914.5
662.5	-800	662.5	57835.7	57975.699
675	-800	675	57893.7	58033.699
687.5	-800	687.5	57930.5	58070.5

700	-800	700	57958.6	58098.601
712.5	-800	712.5	58015.3	58155.300
725	-800	725	58146.5	58286.5
737.5	-800	737.5	58187.8	58327.800
750	-800	750	58260.6	58400.601
tie	-800			
-800	0	0	57344.9	57484.898
-800	12.5	12.5	57375.2	57515.199
-800	25	25	57396	57536
-800	37.5	37.5	57415.1	57555.101
-800	50	50	57412	57552
-800	62.5	62.5	57416.6	57556.601
-800	75	75	57419.8	57559.800
-800	87.5	87.5	57416.2	57556.199
-800	100	100	57436.1	57576.101
-800	112.5	112.5	57439.2	57579.199
-800	125	125	57447	57587
-800	137.5	137.5	57440.5	57580.5
-800	150	150	57482	57622
-800	162.5	162.5	57506.7	57646.699
-800	175	175	57499.7	57639.699
-800	187.5	187.5	57487.5	57627.5
-800	200	200	57466.1	57606.101
-800	200	200	57467.2	57607.199
-800	212.5	212.5	57520.3	57660.300
-800	225	225	57460.7	57600.699
-800	237.5	237.5	57466	57606
-800	250	250	57469.5	57609.5
-800	262.5	262.5	57475.8	57615.800
-800	275	275	57477.2	57617.199
-800	287.5	287.5	57476.7	57616.699
-800	300	300	57487.1	57627.101
-800	312.5	312.5	57483	57623
-800	325	325	57515.7	57655.699
-800	337.5	337.5	57534	57674
-800	350	350	57538.8	57678.800
-800	362.5	362.5	57535.6	57675.601
-800	375	375	57548.3	57688.300
-800	387.5	387.5	57581.5	57721.5
-800	400	400	57585.4	57725.398
-800	400	400	57586.1	57726.101
-800	412.5	412.5	57583.8	57723.800
-800	425	425	57601	57741
-800	437.5	437.5	57603	57743
-800	450	450	57576.8	57716.800
-800	462.5	462.5	57557.3	57697.300
-800	475	475	57528.9	57668.898
-800	487.5	487.5	57532.8	57672.800
-800	500	500	57576.2	57716.199
-800	512.5	512.5	57517.8	57657.800
-800	525	525	57508.5	57648.5
-800	537.5	537.5	57537.9	57677.898
-800	550	550	57565	57705
-800	562.5	562.5	57598.4	57738.398
-800	575	575	57644.2	57784.199
-800	587.5	587.5	57645.7	57785.699
-800	600	600	57563.5	57703.5
-800	600	600	57569.3	57709.300
-800	612.5	612.5	57544	57684
-800	625	625	57554.3	57694.300

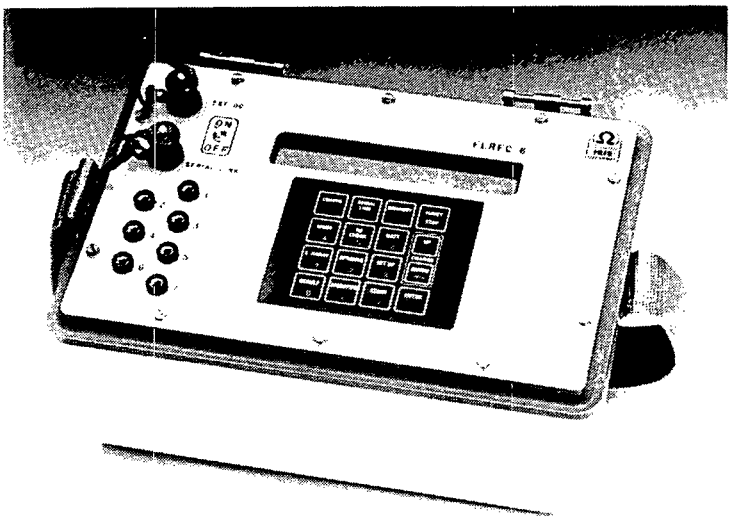
-800	637.5	637.5	57541.2	57681.199
-800	650	650	57546.7	57686.699
-800	662.5	662.5	57575.8	57715.800
-800	675	675	57568.9	57708.898
-800	687.5	687.5	57556.7	57696.699
-800	700	700	57527.2	57667.199
-800	712.5	712.5	57528.7	57668.699
-800	725	725	57535.2	57675.199
-800	737.5	737.5	57520.5	57660.5
-800	750	750	57457.4	57597.398
-800	762.5	762.5	57415.8	57555.800
-800	775	775	57403.6	57543.601
-800	787.5	787.5	57415.3	57555.300
-800	800	800	57506.4	57646.398
-800	812.5	812.5	57496.4	57636.398
-800	825	825	57502.2	57642.199
-800	837.5	837.5	57503.9	57643.898
-800	850	850	57512.4	57652.398
-800	862.5	862.5	57552.4	57692.398
-800	875	875	57536.6	57676.601
-800	887.5	887.5	57559.3	57699.300
-800	900	900	57583	57723
-800	912.5	912.5	57590.4	57730.398
-800	925	925	57562.3	57702.300
-800	937.5	937.5	57585.5	57725.5
-800	950	950	57616.3	57756.300
-800	962.5	962.5	57622	57762
-800	975	975	57554.2	57694.199
-800	987.5	987.5	57560.6	57700.601
-800	1000	1000	57570.3	57710.300
-800	1012.5	1012.5	57573.3	57713.300
-800	1025	1025	57579.9	57719.898
-800	1037.5	1037.5	57585.2	57725.199
-800	1050	1050	57574.8	57714.800
-800	1062.5	1062.5	57636.1	57776.101
-800	1075	1075	57612.8	57752.800
-800	1087.5	1087.5	57623	57763
-800	1100	1100	57666.9	57806.898
-800	1112.5	1112.5	57723.4	57863.398
-800	1125	1125	57784.1	57924.101
-800	1137.5	1137.5	57811.9	57951.898
-800	1150	1150	57776.7	57916.699
-800	1162.5	1162.5	57706.6	57846.601
-800	1175	1175	57637.9	57777.898
-800	1187.5	1187.5	57628.1	57768.101
-800	1200	1200	57626.8	57766.800
-800	1212.5	1212.5	57655.4	57795.398
-800	1225	1225	57660.9	57800.898
-800	1237.5	1237.5	57663.9	57803.898
-800	1250	1250	57648.6	57788.601
-800	1262.5	1262.5	57688.4	57828.398
-800	1275	1275	57733.3	57873.300
-800	1287.5	1287.5	57782.7	57922.699
-800	1300	1300	57677.7	57817.699
-800	1312.5	1312.5	57703.5	57843.5
-800	1325	1325	57796.5	57936.5
-800	1337.5	1337.5	57652	57792
-800	1350	1350	57629.7	57769.699
-800	1362.5	1362.5	57646	57786
-800	1375	1375	57629.7	57769.699

-800	1387.5	1387.5	57605	57745
-800	1400	1400	57611.3	57751.300
-800	1412.5	1412.5	57639.6	57779.601
-800	1425	1425	57634	57774
-800	1437.5	1437.5	57648.8	57788.800
-800	1450	1450	57655.8	57795.800
-800	1462.5	1462.5	57650	57790
-800	1475	1475	57652.8	57792.800
-800	1487.5	1487.5	57638.4	57778.398
-800	1500	1500	57644.2	57784.199
-800	1512.5	1512.5	57669.3	57809.300
-800	1525	1525	57676.3	57816.300
-800	1537.5	1537.5	57702.2	57842.199
-800	1550	1550	57775.1	57915.101
-800	1562.5	1562.5	57969.1	58109.101
-800	1575	1575	58159.1	58299.101
-800	1587.5	1587.5	57605.4	57745.398
-800	1600	1600	57653.3	57793.300
-800	1612.5	1612.5	57610.7	57750.699
-800	1625	1625	57608.5	57748.5
-800	1637.5	1637.5	57743.8	57883.800
-800	1650	1650	58017.1	58157.101
-800	1662.5	1662.5	57731.2	57871.199
-800	1675	1675	57745.1	57885.101
-800	1687.5	1687.5	57833.4	57973.398
-800	1700	1700	57691.2	57831.199
-800	1712.5	1712.5	57679.9	57819.898
-800	1725	1725	57680.9	57820.898
-800	1737.5	1737.5	57671.5	57811.5
-800	1750	1750	57660.5	57800.5
-800	1762.5	1762.5	57667.6	57807.601
-800	1775	1775	57678.6	57818.601
-800	1787.5	1787.5	57692.9	57832.898
-800	1800	1800	57696.1	57836.101
-800	1812.5	1812.5	57709.3	57849.300
-800	1825	1825	57712.2	57852.199
-800	1837.5	1837.5	57712	57852
-800	1850	1850	57725	57865
-800	1862.5	1862.5	57724.2	57864.199
-800	1875	1875	57725.6	57865.601
-800	1887.5	1887.5	57734	57874
-800	1900	1900	57734.5	57874.5
-800	1912.5	1912.5	57754	57894
-800	1925	1925	57747.5	57887.5
-800	1937.5	1937.5	57767.6	57907.601
-800	1950	1950	57798.6	57938.601
-800	1962.5	1962.5	57795.2	57935.199
-800	1975	1975	57837.5	57977.5
-800	1987.5	1987.5	57888	58028
-800	2000	2000	57916.5	58056.5
tie	-1200			
-1200	-350	-350	57586	57726
-1200	-300	-300	57621.3	57761.300
-1200	-250	-250	58102.4	58242.398
-1200	-200	-200	57651.3	57791.300
-1200	-150	-150	57874.2	58014.199
-1200	-100	-100	57775.1	57915.101
-1200	-50	-50	57352.8	57492.800
-1200	0	0	57410.7	57550.699
-1200	50	50	57454.5	57594.5

-1200	100	100	57475.1	57615.101
-1200	150	150	57500.5	57640.5
-1200	200	200	57445.4	57585.398
-1200	250	250	57471.5	57611.5

APPENDIX IV

GEOPHYSICAL EQUIPMENT SPECIFICATIONS



ELREC 6

IP Receiver

ELREC 6

IP Receiver

Features:

- 6 input channels.
- Up to 10 chargeability windows.
- Symmetrical time domain with a pulse duration of 1 or 2s.
- Input overvoltage protection up to 1,000 volts.
- Analyzes IP decay curves.
- Fully automatic measuring processes.
- Internal memory can store 25 hundred measurements.

General

The Elrec 6 is a six-channel multi-window time domain induced polarization receiver that measures six receiver dipoles. The unit is extremely efficient in the field, especially when used with the multi-dipole cable.

IP decay curves are analyzed by various types of sampling: Up to 10 windows are available, with preset or programmable arithmetic or logarithmic widths. Multi window analysis provides a high degree of accuracy when defining decay curves.

Measurements are made through a fully automatic measuring process: Self test and calibration, auto synchronization and resynchronization at each cycle, plus continuous tracking of SP including linear drift correction. Also provided is automatic gain selection, digital stacking for noise reduction, and fully documented displays controlled by the microprocessor to ensure the highest degree of accuracy and reliability.

The operator can select various reading options regarding the parameters that are displayed: Display of running or cumulative average values for monitoring the noise; Display of normalized or true chargeability values for referral or nonreferral to a standard decay curve; And during the measurement possibility of simultaneously displaying the average chargeabilities of the six dipoles, or their standard deviations, or the primary voltage, average chargeability and standard deviation of each dipole.

The Elrec 6 automatically synchronizes with the signal through a waveform recognition process. Plus, the unit automatically resynchronizes at each new pulse to avoid errors due to a possible shift in the period of the transmitted signal.

Frequency Mode Option

The frequency effect and the phase shift between the fundamental and the third harmonics may be measured for a Frequency Domain waveform (ON+, ON-), or for a Time Domain waveform (ON+, OFF, ON-, OFF).

Specifications

Input Voltage Range: Each Dipole 10V maximum, sum of voltage dipoles 2 to 6, 15V maximum

Primary voltage: Resolution: 1µV after stacking. Accuracy: 0.3%; max 1%

Chargeability Resolution: .01 mV/V , Accuracy: 0.6%

Up to 10 Chargeability Windows: Mode 1: 10 preset arithmetic Windows, Mode 2: 10 programmable arithmetic windows (delay time and window width), Mode 3: 10 preset logarithmic windows, and Mode 4: 3 to 6 preset logarithmic Windows.

Signal Waveform: Symmetrical time domain (ON+, OFF, ON-, OFF) with a pulse duration of 0.5, 1, 2, 4 or 8s. Input impedance: 10 Mohm.

Input overvoltage protection up to 1,000 Volts.

Automatic stacking, automatic SP ± 10V bucking with linear drift correction up to 1mV/s.

Sampling Rate: 10ms

50 and 60Hz power line rejection greater than 100dB

Accuracy in Synchronization: 10ms

Common Mode Rejection: 86dB (for Rs = 0)

Display of primary voltage, partial and average chargeabilities, standard deviation of primary voltage and of average chargeability, and computation of apparent resistivity (dipole to dipole, pole to dipole, gradient, VES, etc).

Grounding resistance measurement from 0.1 to 467kohm

Memory Capacity: 2,500 measurements

Dimensions: 31 x 21 x 21cm

Weight: 6kg

Operating Temperature Range: -40°C to +70°. The specifications listed above are given over the entire temperature range.

Power Supply: Six 1.5V D size alkaline dry cells (20 hours of operation at 20°C)

Standard Components

Elrec 6 console and instruction manuals.

Ordering Information

Description	Order Number
Elrec 6	**500-190-0024**

APPENDIX V

STATEMENT OF COSTS

NORANDA EXPLORATION COMPANY, LIMITED
STATEMENT OF COSTS

PROJECT: BABS DATE: SEPTEMBER 1994

TYPE OF REPORT: GEOLOGY, GEOCHEMISTRY, GEOPHYSICS

a)	Wages:		
	No. of Mandays :	26.5 mandays	
	Rate per Manday:	$580.00/manday	
	Dates From :	May 25 - June 21, 1994	
	Total Wages :	26.5 mandays x $580.00/manday	$15,370.00
b)	Food & Accommodations:		
	No. of Mandays :	26.5 mandays	
	Rate per Manday:	$134.00/manday	
	Dates From :	May 25 - June 21, 1994	
	Total Costs :	26.5 mandays x $134.00/manday	$ 3,562.32
c)	Transportation:		
	No. of Mandays :	26.5 mandays	
	Rate per Manday:	$97.27/manday	
	Dates From :	May 25 - June 21, 1994	
	Total Costs :	26.5 mandays x $97.27/manday	$ 2,577.72
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: $ 6,195.00
(See attached schedule)

f) Cost of Preparation of Report:
Author : $1,200.00
Drafting: $600.00
Typing : $200.00
$ 2,000.00

g) Other:

Linecutting:

Contractor: Couveur Des Bois Ltd.
32.2 km x $507.76/km $16,350.00

Geophysics:

Contractor: Peter Walcott and Associates Ltd.
Magnetometer: 40.11 km x $194.47/km $ 7,800.00
I.P.: 22.95 km x $1,009.81/km $23,175.04

TOTAL COST **$77,030.04**

h) Unit Costs for Geology
No. of Mandays : 16.5 mandays
No. of Units : 13,393.05 units
Unit Costs : 13,393.05/16.5 = $811.70/manday
Total Cost : 16.5 mandays x $811.70/manday $13,393.05

I) Unit Costs for Geochemistry
No. of Mandays : 10 mandays
No. of Units : 14,312.00 units
Unit Costs : 14,312/10 mandays = $1,431.20/manday
Total Cost : 10 mandays x $1,431.20/manday $14,312.00

NORANDA EXPLORATION COMPANY, LIMITED

DETAILS OF ANALYSIS COSTS

PROJECT: BABS

ELEMENT	NO. OF DETERMINATIONS	COST PER DETERMINATION	TOTAL COSTS
27 Element ICP	398	$15.00	$5,970.00
27 Element ICP & Au by A.A.	15	$15.00	$ 225.00
			$6,195.00

APPENDIX VI

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).

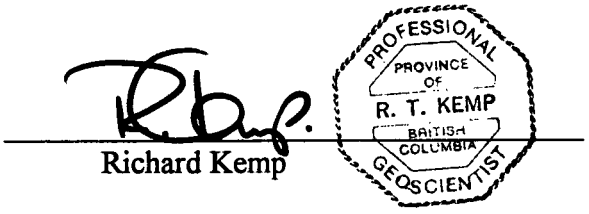
3) I am a member in good standing of the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

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

STATEMENT OF QUALIFICATIONS

I, Kenneth A. Robertson, of the City of Delta, Province of British Columbia, hereby certify that:

1. I am a Professional Geophysicist residing at 7540 Garfield Drive, Delta, B.C. V4C 7L4.

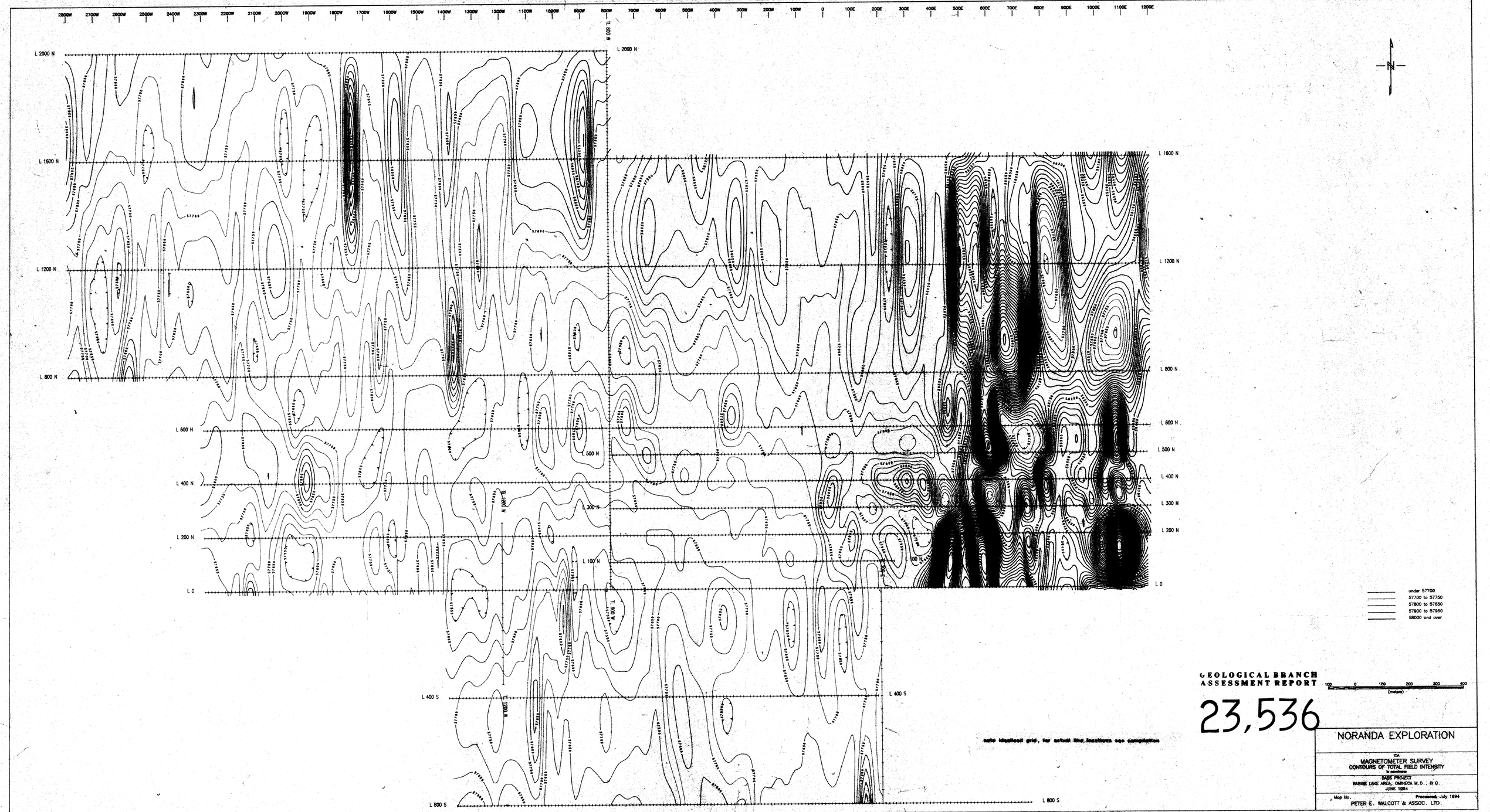
2. I have graduated from the University of Toronto in 1977 with an H.B.Sc. in Geology and Physics.

3. I have worked in mineral exploration since 1975.

4. I have been a permanent employee of Noranda Exploration Company, Limited since February 1984.

5. I am a member in good standing of the Professional Engineers and Geoscientists of British Columbia.

Kenneth A. Robertson, P.Geo.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TL 800 W
L 2000 N
L 1600 N
L 1200 N
L 800 N
L 600 N
L 400 N
L 200 N
L 0
L 500 N
L 300 N
L 100 N
TL 1600 W
TL 1200 W
TL 800 W
TL 400 W
TL 0
TL 400 E
L 400 S
L 800 S
under 57700
57700 to 57750
57800 to 57850
57900 to 57950
58000 and over
note idealized grid, for actual line locations see compilation
GEOLOGICAL BRANCH
ASSESSMENT REPORT
23,536
100 0 100 200 300 400
(meters)
NORANDA EXPLORATION
EM
MAGNETOMETER SURVEY
CONTOURS OF TOTAL FIELD INTENSITY
in nanoteslas
BABE PROJECT
BABINE LAKE AREA, OMINECA M.D., B.C.
JUNE 1994
Map No.
Processed: July 1994
PETER E. WALCOTT & ASSOC. LTD.

NECHAKO PLATEAU

(INTERIOR PLATEAU)

LEGEND

JURASSIC

1 TOPLEY HBL

1d TOPLEY QUA

2 FELSIC TUFF

ESKER RIDGE

BOG

87859 OUTCROP / SA

(L4W 3N) EQUITY 1992 G

93-8 1992 /93 D.D.H

B.F.P. BOULDE

PIT / EXCAVAT

0m 500m 1000m

SCALE IN METERS

3100

3600

3000

3500

2500

2400

JINX ROAD

NORTHWOOD Logging CAMP

NOSE BAY ROAD

PATS ROAD

GARBAGE DUMP

L.44+00N

L.20+00N.

B.L. 28+00W

23+00W

13+75W

87859

87863

87671

87682

87851

87852

87879

87880

87881

87876

87878

87877

87882

87883

BABS-1

LCP BABS 1-4

Wilkinson Bay

Red I

LEGEND

ıASSIC

1 TOPLEY HBLE. BI. GRANODIORITE

1d TOPLEY QUARTZ DIORITE

2 FELSIC TUFF / LAPILLI TUFF

ESKER RIDGE

BOG

OUTCROP / SAMPLE LOCATION

EQUITY 1992 GRID COORD.

1992 /93 D.D.H.

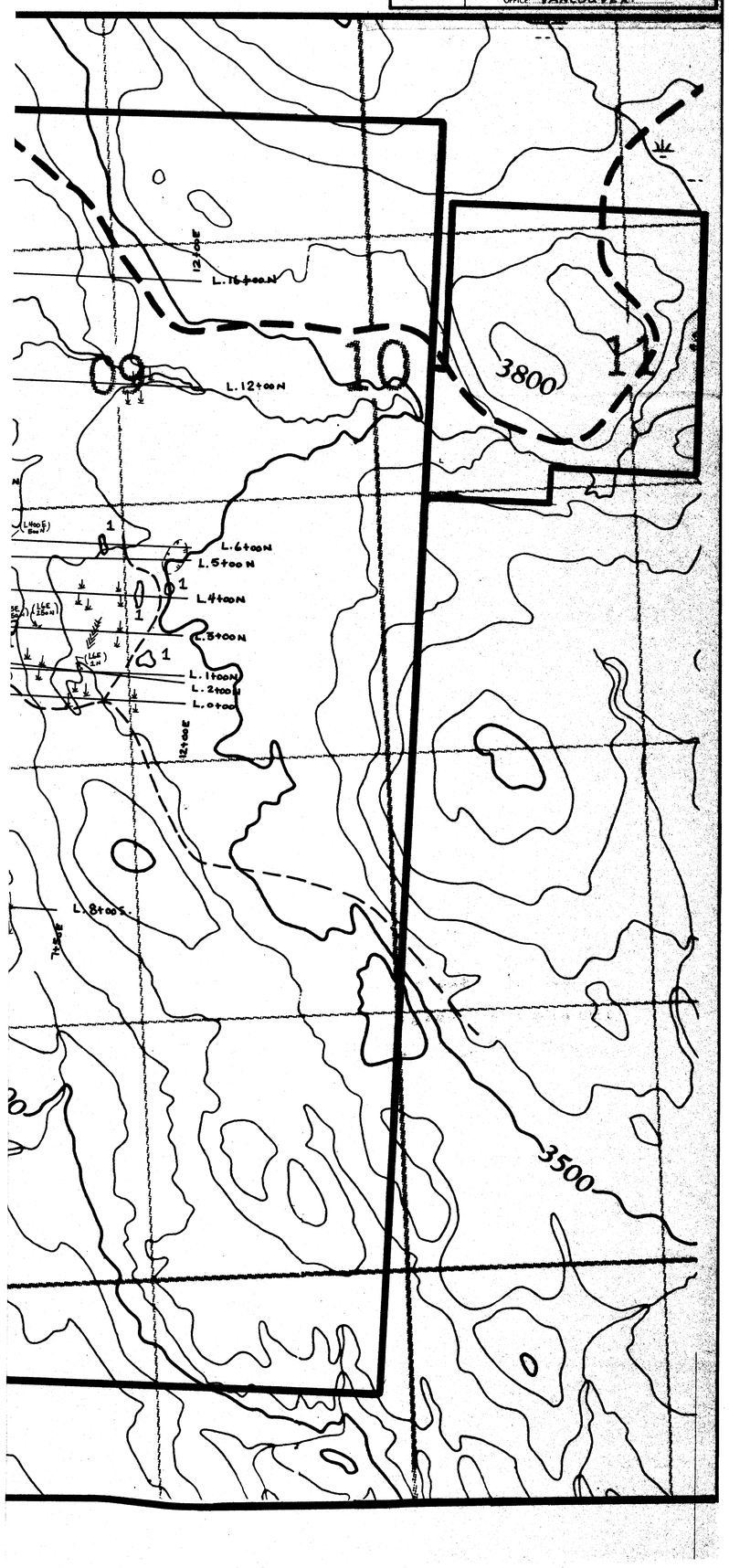
B.F.P. BOULDER FLOAT TRAIN

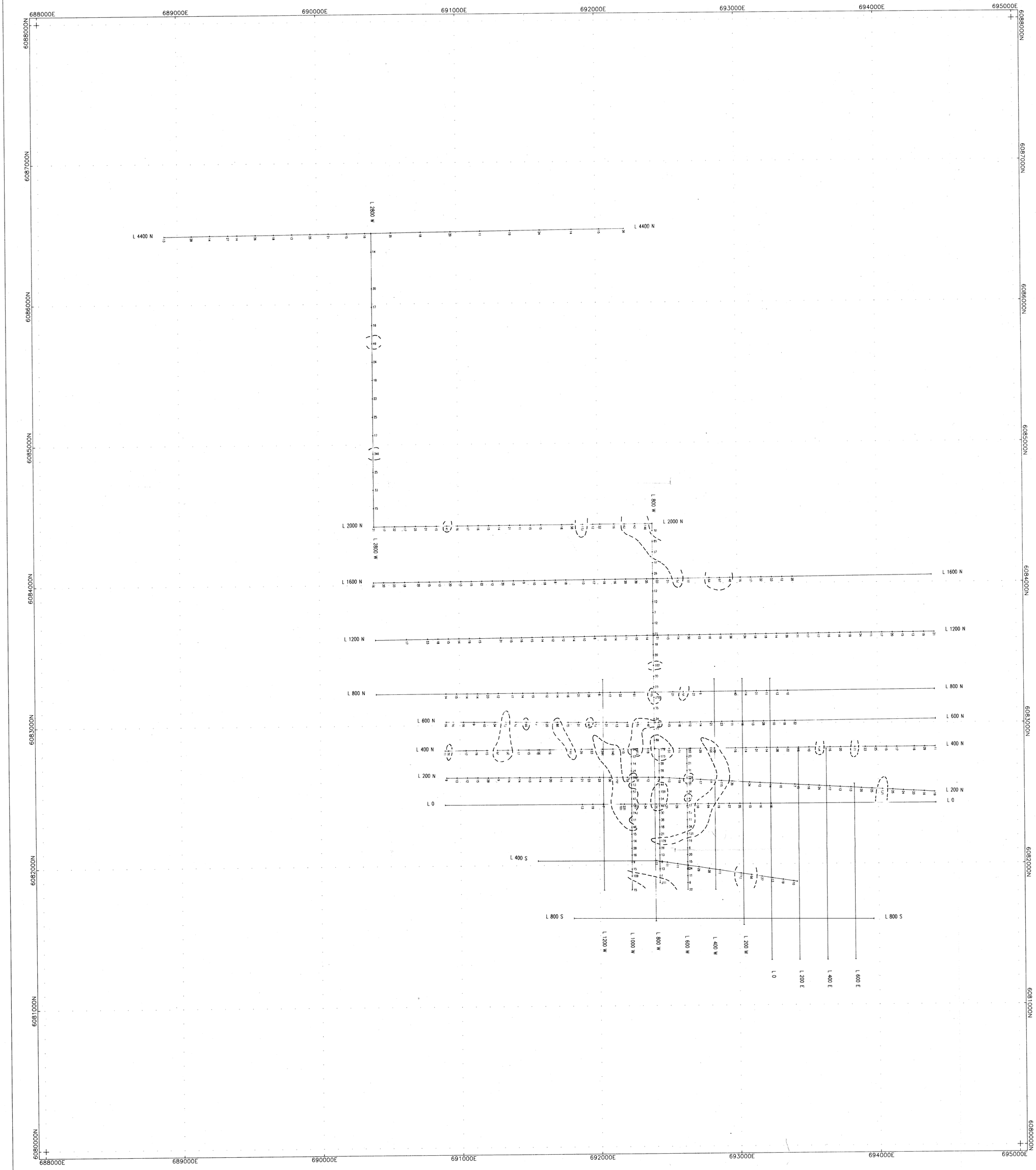
PIT / EXCAVATION

500m 1000m

LE IN METERS

REVISED	BABS
	GEOLOGY
PROJ. No. 178	SURVEY BY: DATE: Sept 93
N.T.S. 93-L/13-E	DRAWN BY: R. KEMP SCALE: 1:10,000
DWG. No. 3	NORANDA EXPLORATION
	OFFICE: VANCOUVER.





GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,536

Soil Geochem >40ppm Cu.

Scale 1:10000

200 0 200 400 600
(meters)

Fig 4

BABS PROPERTY

Grid Soil Geochemistry
Copper in ppm
Data Source : Norex, Equity Silver

Mapsheet : 093L16, 093K13
Coordinates : UTM for Zone 09
Processed By : R.Fenton Date : September 20, 1994

NORANDA EXPLORATION COMPANY, LIMITED

2800W 2600W 2400W 2200W 2000W 1800W 1600W 1400W 1200W 1000W 800W 600W 400W 200W 0 200E 400E 600E 800E

1600N 1400N 1200N 1000N 800N 600N 400N 200N 0 200S 400S 600S 800S

L 1600 N.
L 1200 N.
L 800 N.
L 600 N.
L 400 N.
L 200 N.
L 0.
L 400 S.
L 800 S.

BB92-7
BB92-6
BB92-5
BB92-4
BB92-3
BB92-2
BB92-1
BS93-2
BS93-1
BB94-10
BB94-11

O/C

BABS IP/RES
WALCOTT & ASSOCIATES
JUNE 1994
CONTOURED CHARGEABILITY

TL 800 W

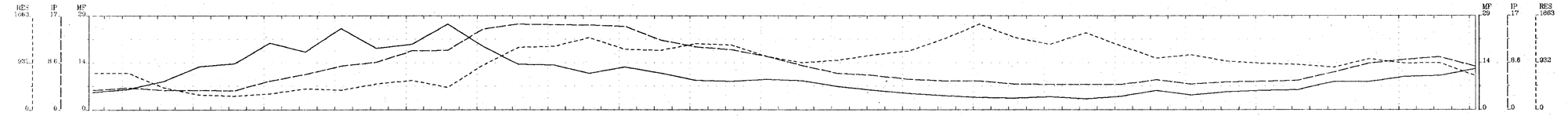
BASELINE

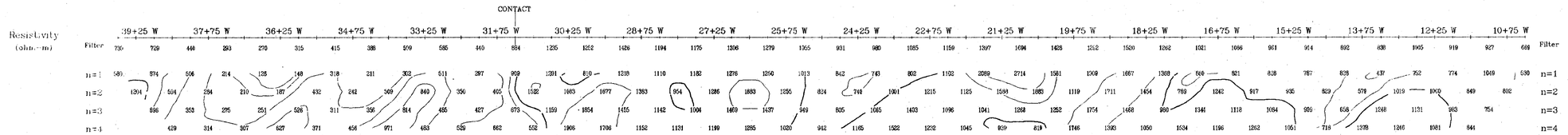
N

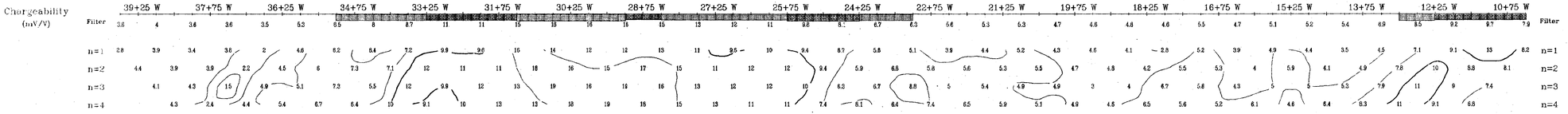
50 0 50 100 150
(meters)

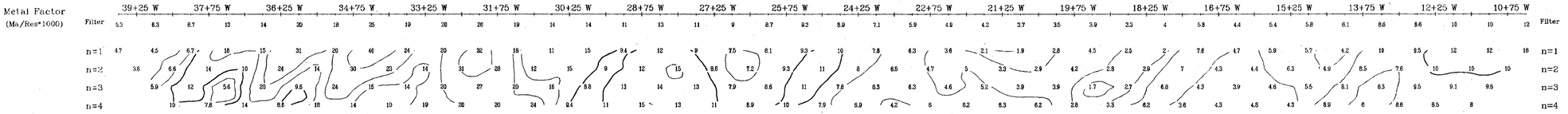
Interpreted Breaks

23,536



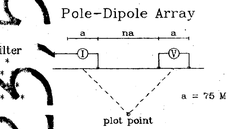






Line 4400 N

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,..

INTERPRETATION

- DEFINITE ANOMALY
- PROBABLE ANOMALY
- POSSIBLE ANOMALY
- RESISTIVITY LOW

Scale 1:5000

50 0 50 100 150 200 250 300

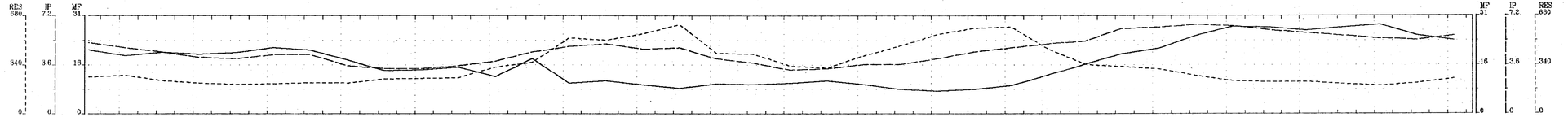
(meters)

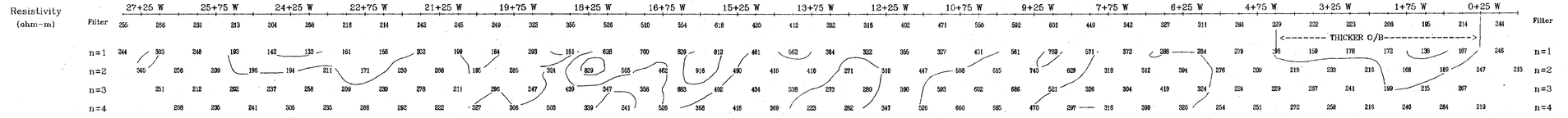
BABS PROPERTY

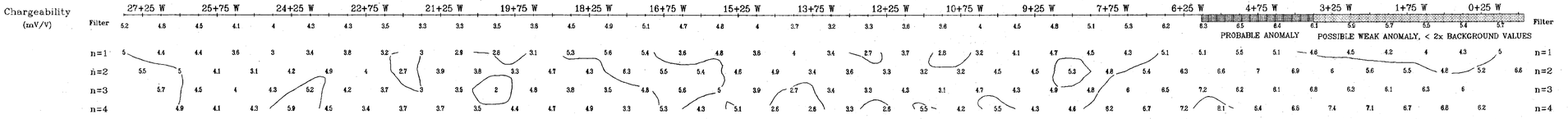
INDUCED POLARIZATION SURVEY
WALCOTT & ASSOCIATES
June 1994

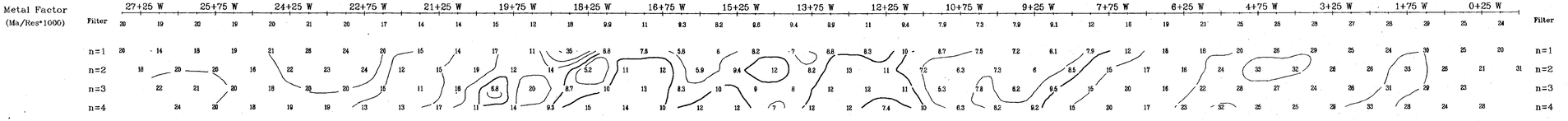
Date: 94/09/21
Interpretation: K. ROBERTSON

Noranda Exploration Company, Limited



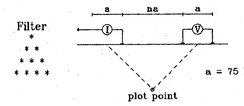






Line 1600 N

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10...

INTERPRETATION

- DEFINITE ANOMALY
- PROBABLE ANOMALY
- POSSIBLE ANOMALY
- RESISTIVITY LOW

Scale 1:5000

50 0 50 100 150 200 250 300 (meters)

GEOLOGICAL BRANCH ASSESSMENT REPORT

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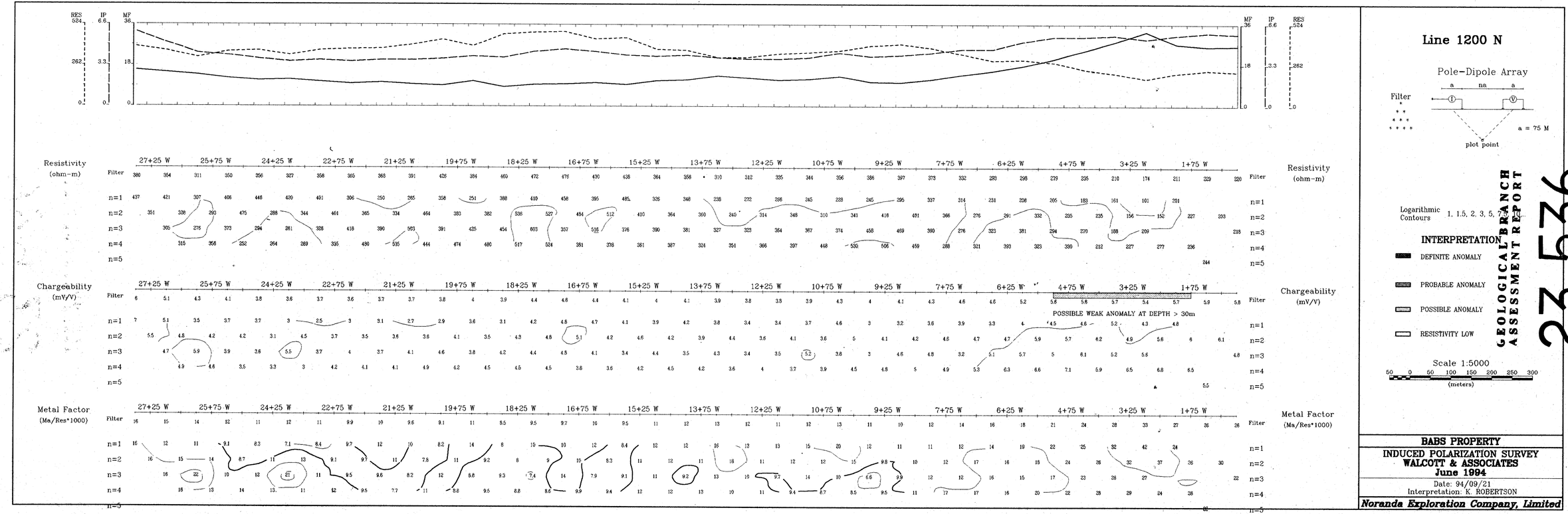
BABS PROPERTY

INDUCED POLARIZATION SURVEY
WALCOTT & ASSOCIATES
June 1994

Date: 94/09/21
Interpretation: K. ROBERTSON

Noranda Exploration Company, Limited



Line 1200 N

Pole-Dipole Array

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10...

INTERPRETATION

- DEFINITE ANOMALY
- PROBABLE ANOMALY
- POSSIBLE ANOMALY
- RESISTIVITY LOW

Scale 1:5000

50 0 50 100 150 200 250 300 (meters)

GEOLOGICAL BRANCH ASSESSMENT REPORT

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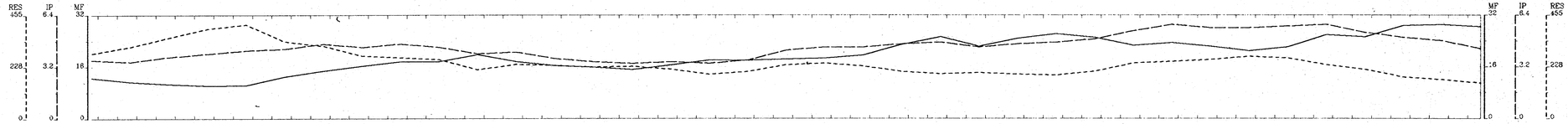
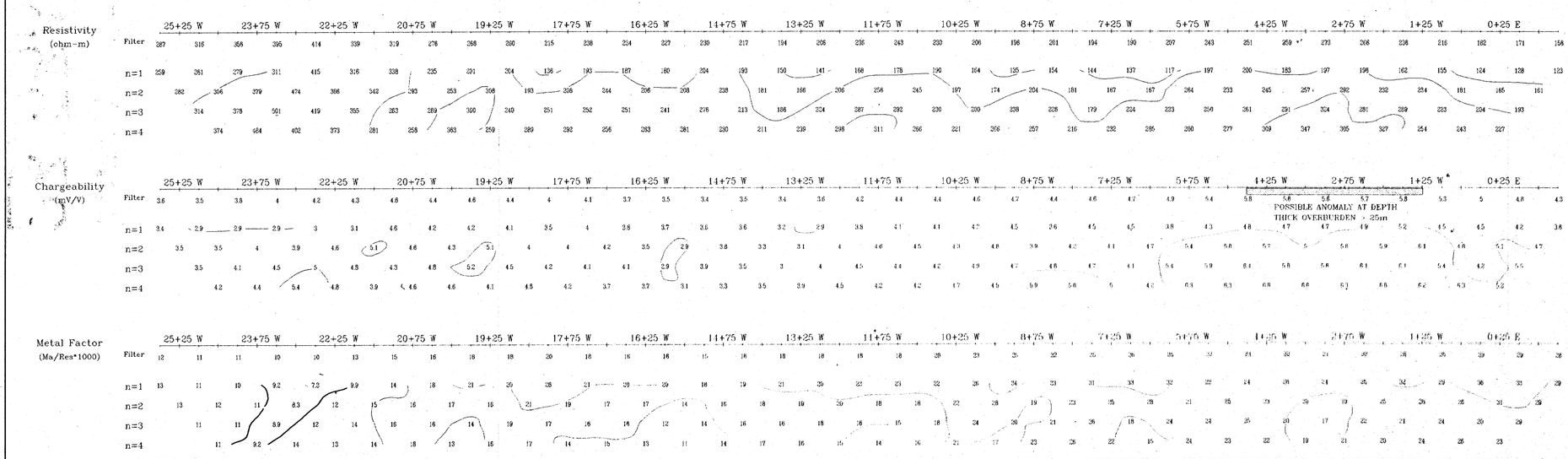
BABS PROPERTY

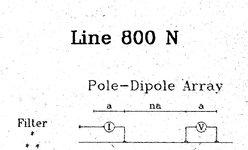
INDUCED POLARIZATION SURVEY
WALCOTT & ASSOCIATES
June 1994

Date: 94/09/21
Interpretation: K. ROBERTSON

Noranda Exploration Company, Limited

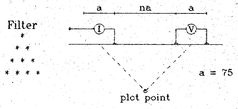






Line 800 N

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7, ...

INTERPRETATION

- DEFINITE ANOMALY
- PROBABLE ANOMALY
- POSSIBLE ANOMALY
- RESISTIVITY LOW

Scale 1:5000

50 0 50 100 150 200 250 300 (meters)

GEOLOGICAL BRANCH ASSESSMENT REPORT

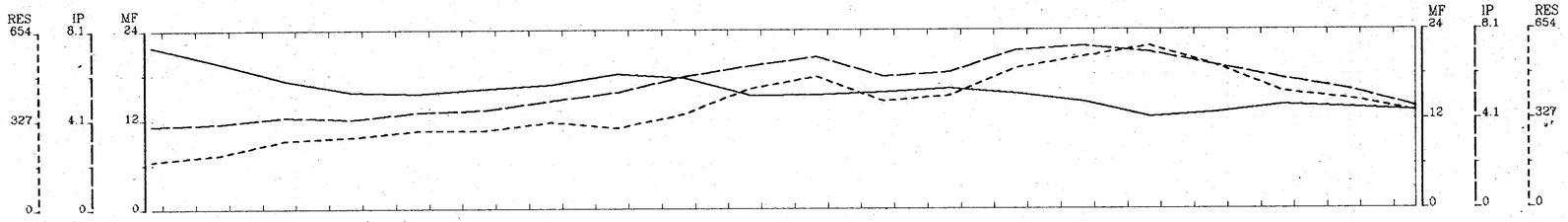
23,536

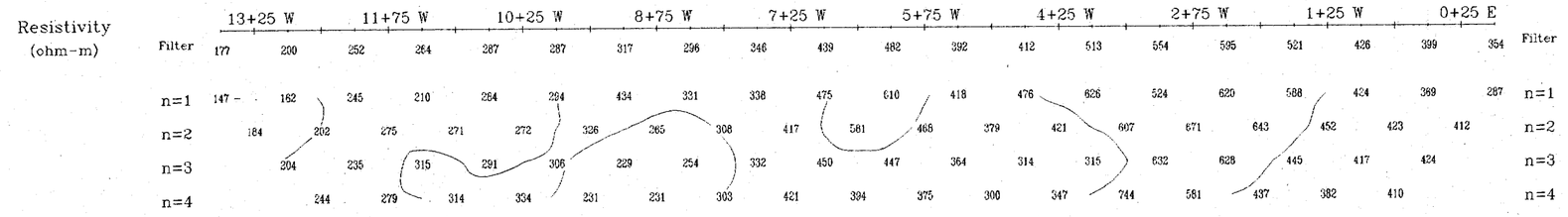
BABS PROPERTY

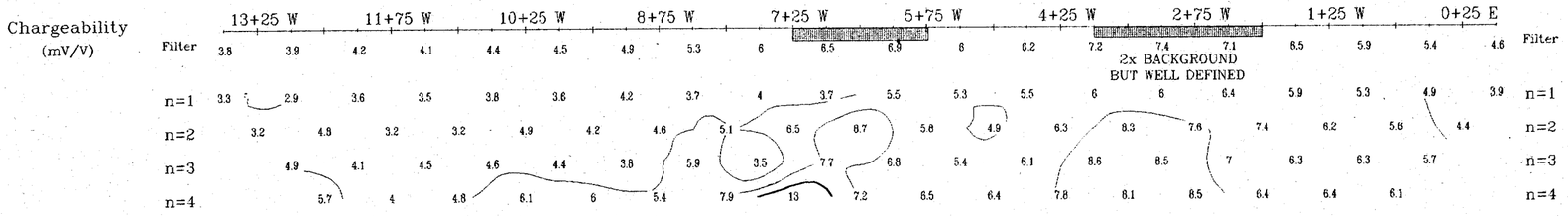
INDUCED POLARIZATION SURVEY
WALCOTT & ASSOCIATES
June 1994

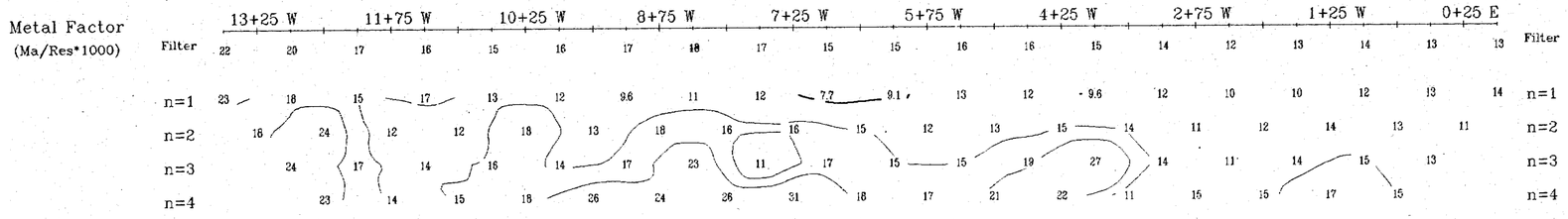
Date: 94/09/21
Interpretation: K. ROBERTSON

Noranda Exploration Company, Limited



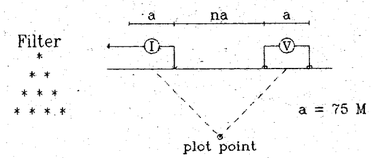






Line 600 N

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- DEFINITE ANOMALY
- PROBABLE ANOMALY
- POSSIBLE ANOMALY
- RESISTIVITY LOW

Scale 1:5000

50 0 50 100 150 200 250 300
(meters)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

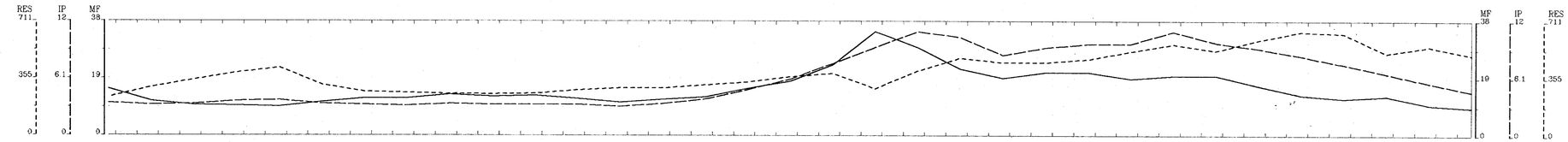
23,536

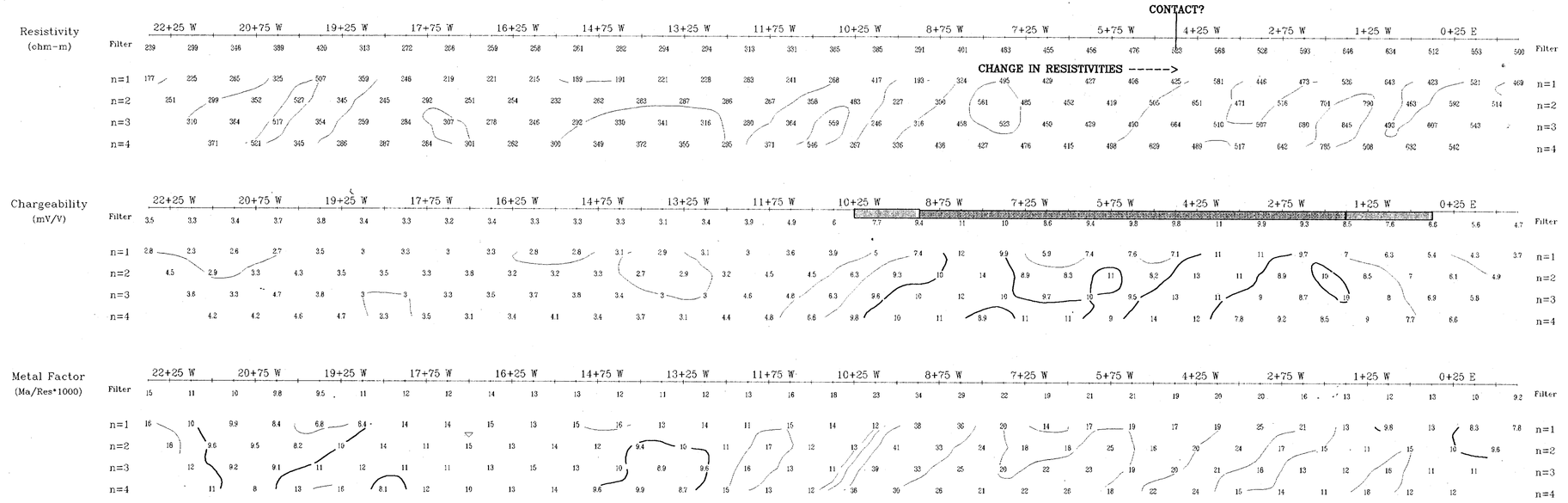
BABS PROPERTY

INDUCED POLARIZATION SURVEY
WALCOTT & ASSOCIATES
June 1994

Date: 94/09/21
Interpretation: K. ROBERTSON

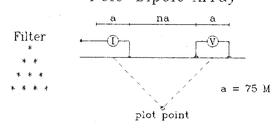
Noranda Exploration Company, Limited





Line 400 N

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10

INTERPRETATION

- DEFINITE ANOMALY
- PROBABLE ANOMALY
- POSSIBLE ANOMALY
- RESISTIVITY LOW

Scale 1:5000

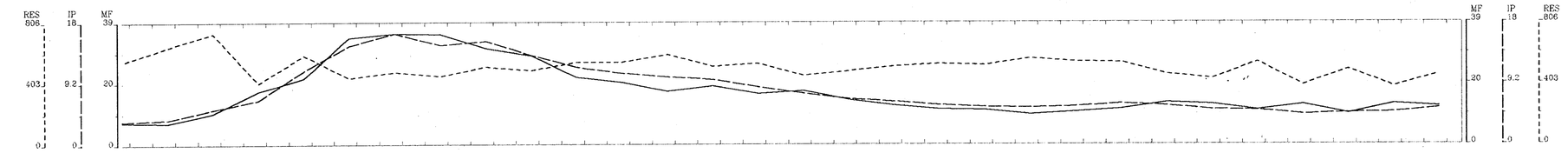
50 0 50 100 150 200 250 300
(meters)

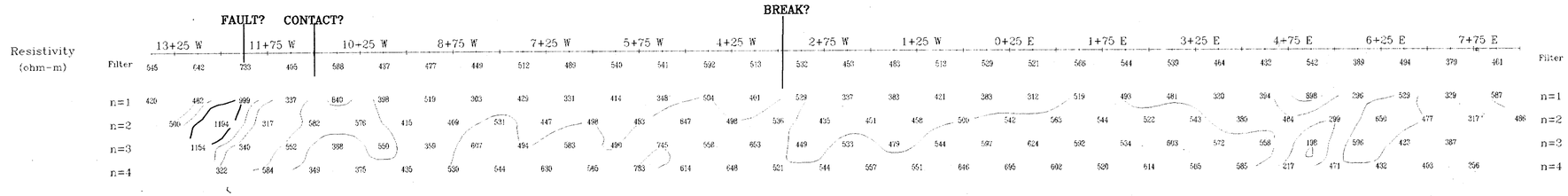
BABS PROPERTY

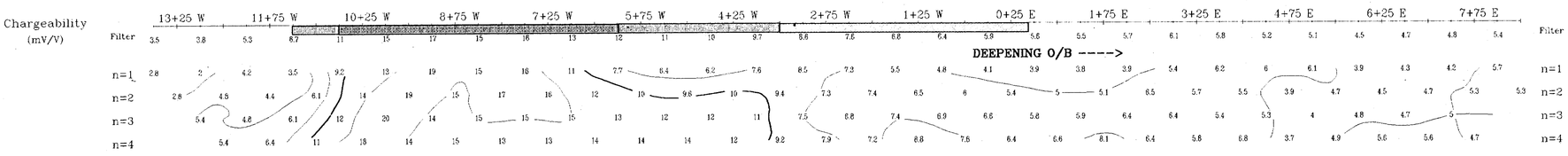
INDUCED POLARIZATION SURVEY
WALCOTT & ASSOCIATES
June 1994

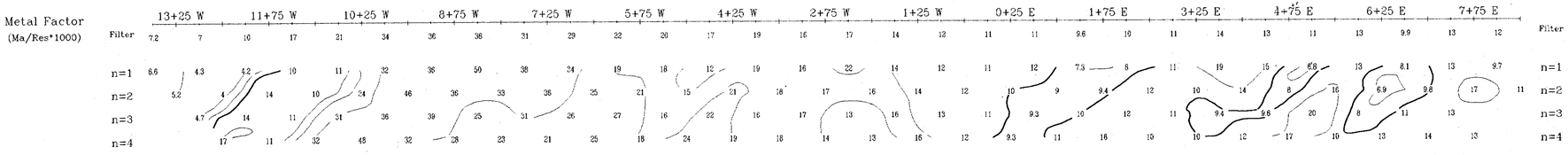
Date: 94/09/21
Interpretation: K. ROBERTSON

Noranda Exploration Company, Limited



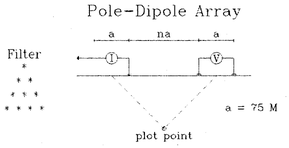






Line 200 N

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10...

INTERPRETATION

- DEFINITE ANOMALY
- PROBABLE ANOMALY
- POSSIBLE ANOMALY
- RESISTIVITY LOW

Scale 1:5000

50 0 50 100 150 200 250 300 (meters)

GEOLOGICAL BRANCH ASSESSMENT REPORT

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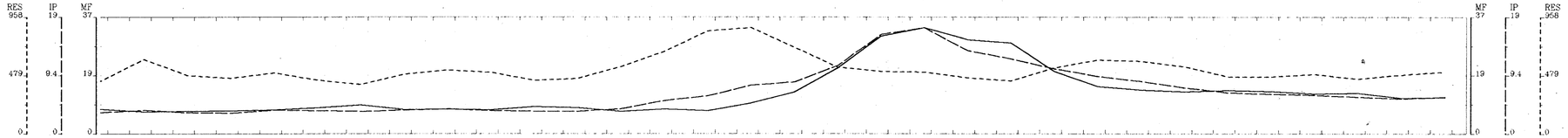
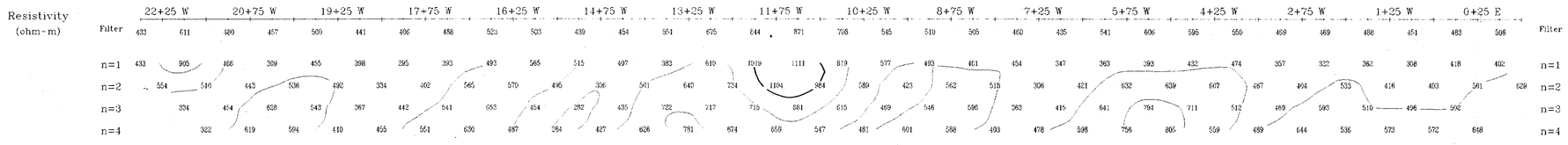
BABS PROPERTY

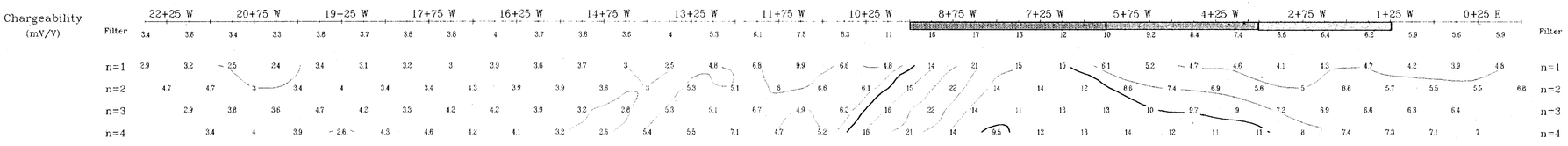
INDUCED POLARIZATION SURVEY
WALCOTT & ASSOCIATES
June 1994

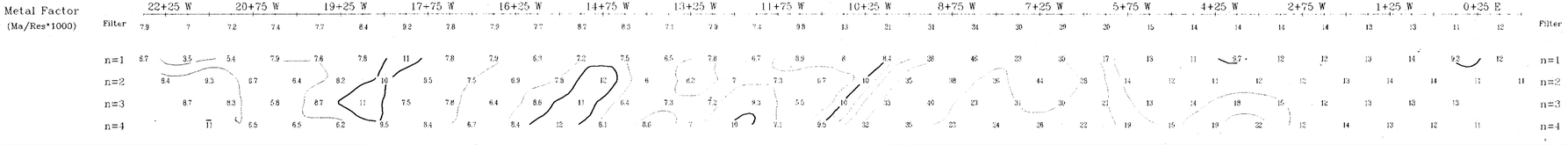
Date: 94/09/21
Interpretation: K. ROBERTSON

Noranda Exploration Company, Limited



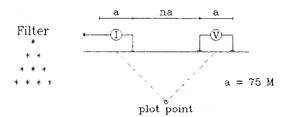






Line 0

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5

INTERPRETATION

- DEFINITE ANOMALY
- PROBABLE ANOMALY
- POSSIBLE ANOMALY
- RESISTIVITY LOW

Scale 1:5000

50 0 50 100 150 200 250 300
(meters)

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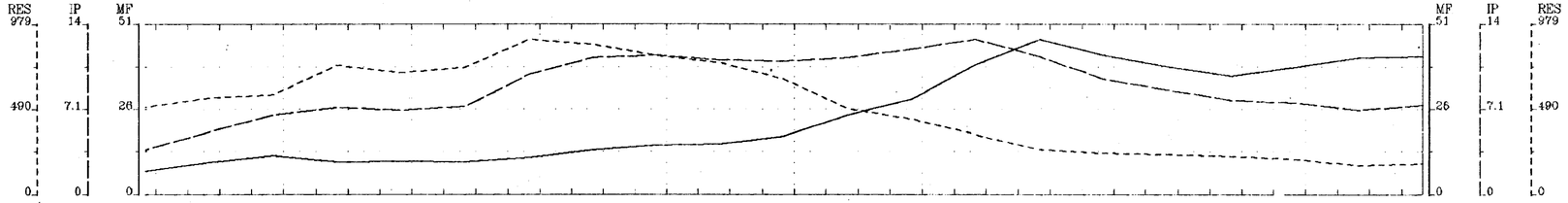
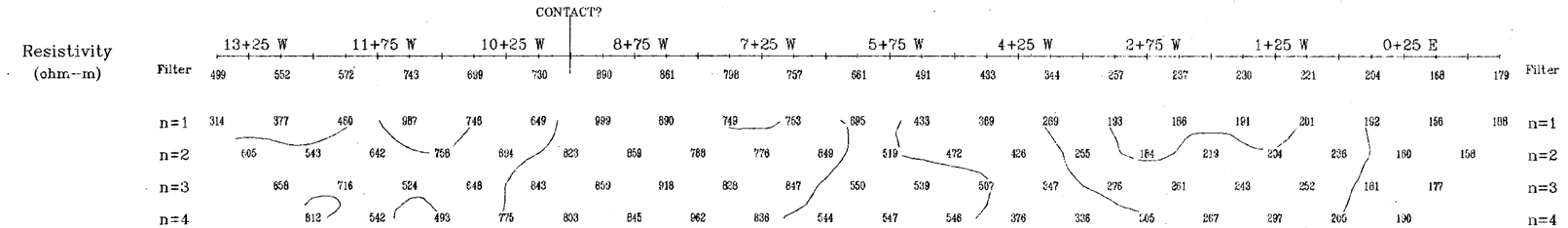
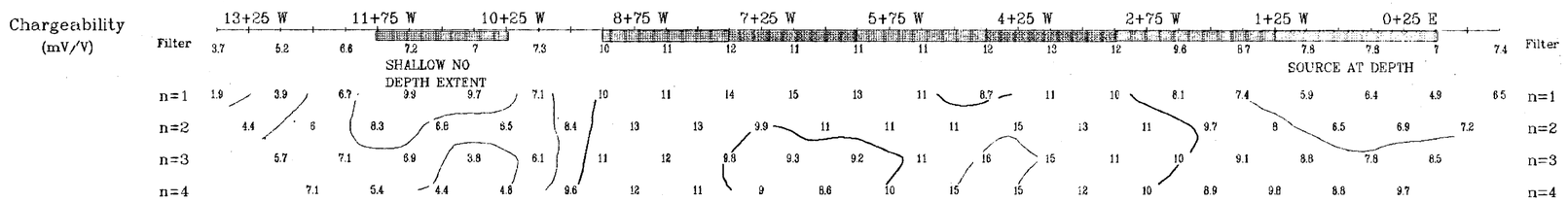
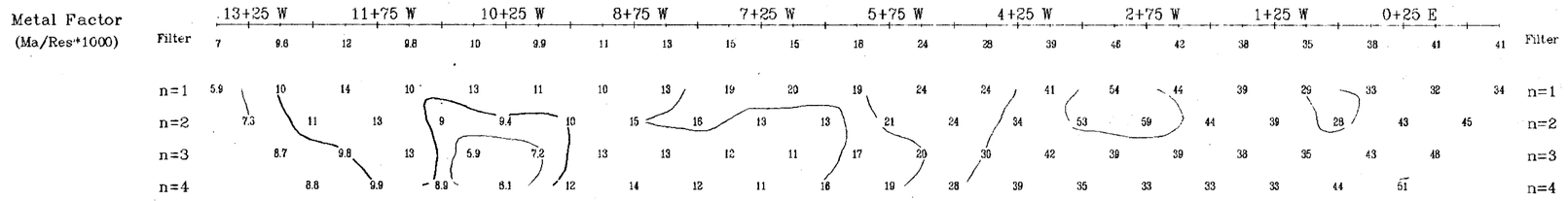


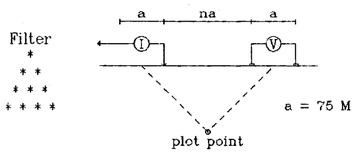






Line 400 S

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10...

INTERPRETATION

- DEFINITE ANOMALY
- PROBABLE ANOMALY
- POSSIBLE ANOMALY
- RESISTIVITY LOW

Scale 1:5000

50 0 50 100 150 200 250 300

(meters)

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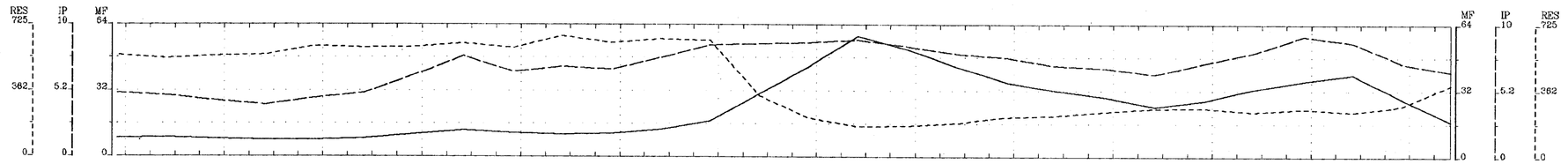
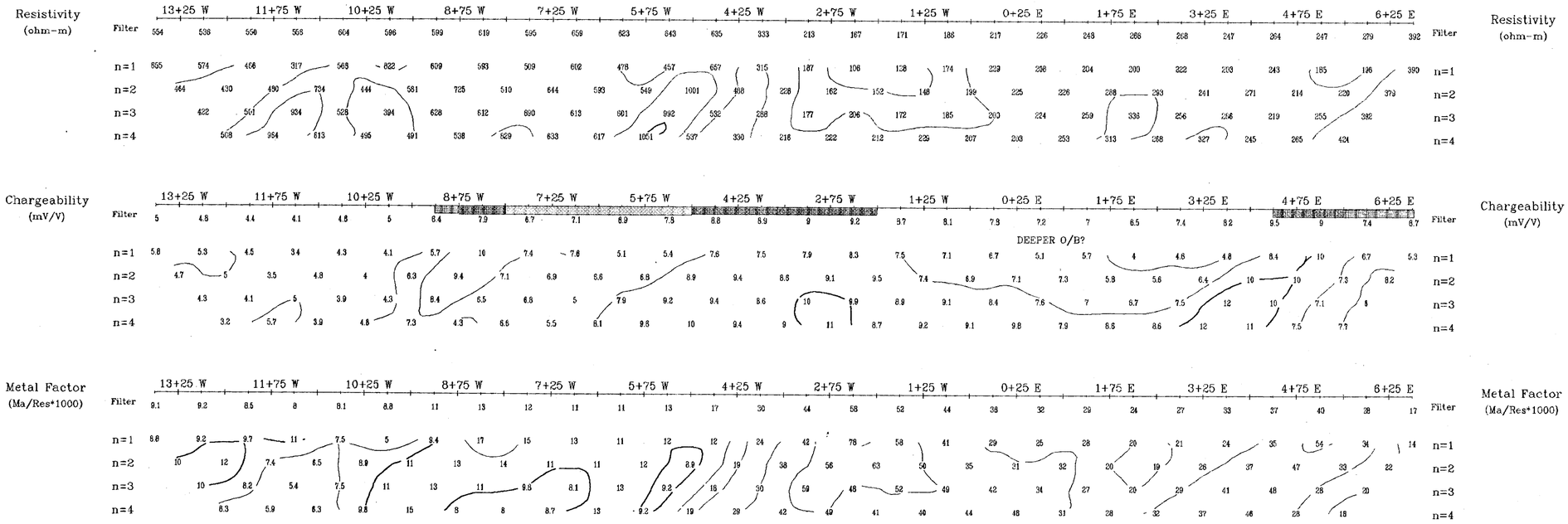
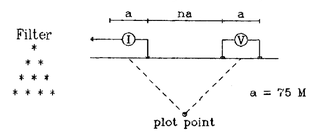




Line 800 S

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10...

INTERPRETATION

- DEFINITE ANOMALY
- PROBABLE ANOMALY
- POSSIBLE ANOMALY
- RESISTIVITY LOW

Scale 1:5000

50 0 50 100 150 200 250 300 (meters)

GEOLOGICAL BRANCH ASSESSMENT REPORT

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BABS PROPERTY

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