

GEOCHEMICAL REPORT ON THE

BON MINERAL CLAIM GROUP

Cariboo Mining Division

NTS 93A/14

Latitude: 52° 57' north
Longitude: 121° 22' west

Claim Owners: - George Haywood-Farmer Administrator of the
Estate of Wilfred E. Thompson Deceased.
- Rudolf M. Durfeld

Claim	Record Number
BON 1	47807 2 post claim
BON 2	47808 " "
BON 3	47809 " "
BON 4	47810 " "
BON 6 (12 units)	8155 modified grid claim

Report by: R.M.Durfeld B.Sc.

FILMED

DURFELD GEOLOGICAL MANAGEMENT LTD.
180 Yorston Street
Williams Lake, B.C.
V2G 3Z1

DECEMBER 1987

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Figure 1	BON MINERAL CLAIMS Location Map	
Figure 2	GEOCHEMICAL PLAN (silver, gold)	Attached
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A. INTRODUCTION

i) Location and Access

The BON 1 to 4 and 5 mineral claims are located 22 kilometers southeast of the historic community of Barkerville on map sheet NTS 93 A/14. (Figure 1)

Access to the property is by all-weather road from Barkerville via Antler Creek to Cunningham Pass and hence up Cunningham Creek to the property. Access on the property is best achieved by a cat trail that originates at the Cunningham Creek all-weather road and bisects the property.

The physiography of the BON claims is characterized by a northeast facing slope that overlooks and becomes steeper toward Cunningham Creek.

The vegetation is predominantly a mixed stand of fir and spruce forest with extensive undergrowth of alder, huckleberry, blueberry bushes and moss.

ii) Property Definition

The section of Cunningham Creek below the BON mineral claims has been the scene of gold mining for placer operations since 1885. Gold mining from quartz veins began in 1922 at the head of Peter's Gultch (later the Cariboo Hudson Mine) just south of the BON mineral claims. Minor quantities of sheelite have also been produced from this area.

Extensive base metal exploration was conducted in the area between 1971 and 1977, predominantly by way of soil sampling, trenching and minor diamond drilling.

On September 19, 1968 the BON 1 to 4 mineral claims were located by Wilfred E. Thompson to cover a quartz-carbonate-galena vein with silver values. On March 23, 1984 the author located the BON 5 mineral claim to cover the continuation of this vein trend to the north. On November 28th, 1986 the author relocated the BON 5 mineral claim as the BON 6 mineral claim by way of an abandonment and restake.

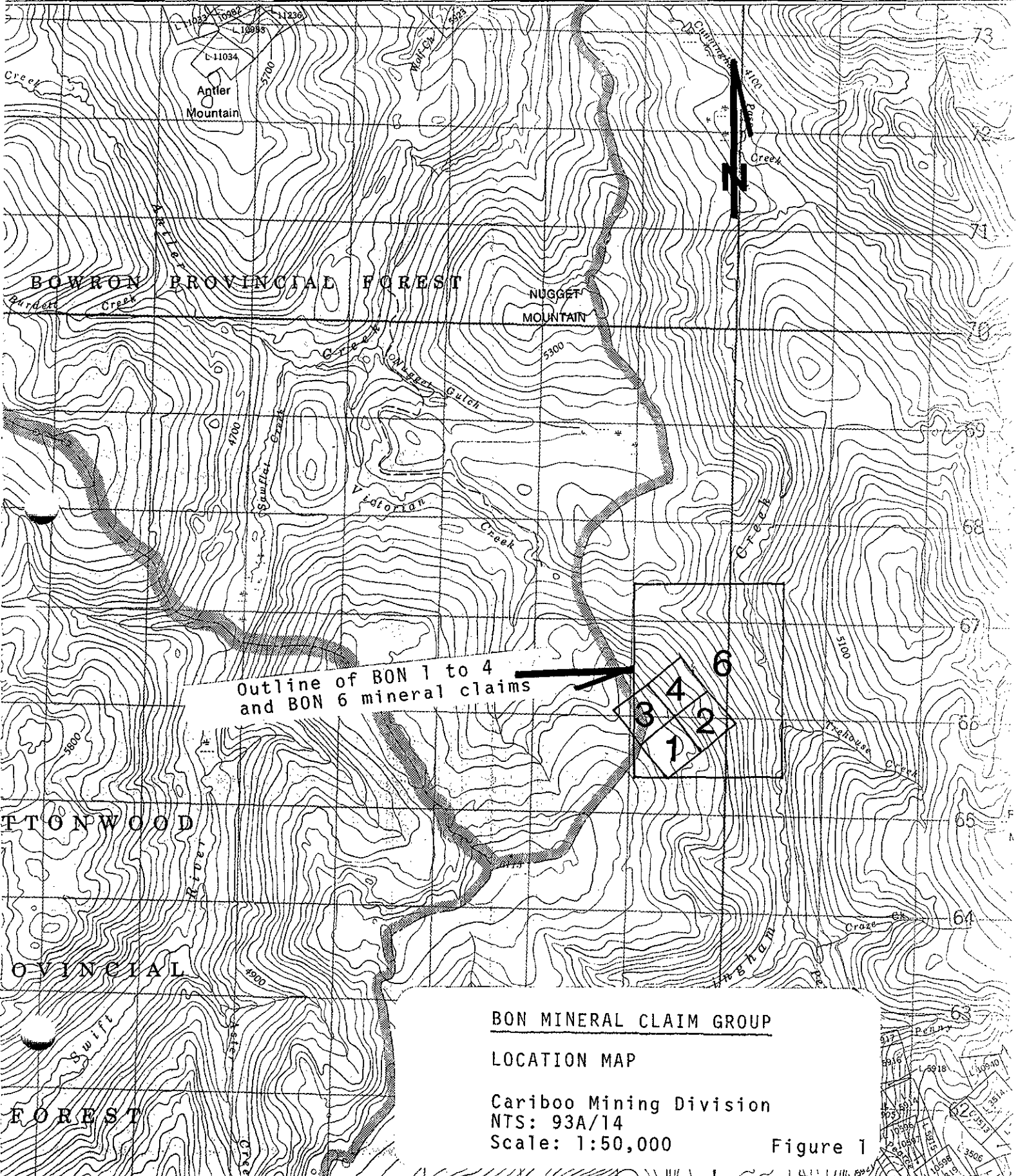
The status of these mineral claims is summarized as follows:

<u>CLAIM NAME</u>	<u>RECORD NUMBER</u>	<u>RECORD DATE</u>
BON 1 (2-post)	47807	September 30
BON 2 (2-post)	47808	September 30
BON 3 (2-post)	47809	September 30
BON 4 (2-post)	47810	September 30
BON 6 (12 units)	8155	December 1

Claim Owners- George Haywood-Farmer Administrator for the Estate of
Wilfred E. Thompson, Deceased.
- Rudolf M. Durfeld

1:50,000

E. 03 04 05 06 25' 07 08 09 10 11 20'



Outline of BON 1 to 4
and BON 6 mineral claims



BON MINERAL CLAIM GROUP

LOCATION MAP

Cariboo Mining Division

NTS: 93A/14

Scale: 1:50,000

Figure 1

The recent programs on the BON claims have concentrated on defining the economic potential of the recognized vein structures that to date have yielded values of up to 32.0 ounces per ton silver and .20 ounces per ton gold. A recent VLF-electromagnetic survey that is documented in a previous report helped to define structure in the vein area. The detail geochemical soil sampling that is documented in this report was designed to define the extent of this mineralized vein structure in the area of the BON mineral claim group.

iii) Summary of Work

A compilation of the 1985 and 1986 soil sampling on the BON property recognized several coincident silver-gold and pathfinder geochemical anomalies. The general trend of these anomalies was north to northwest and a logical extension of the work was line 33+90 north. On September 27th and 28th, 1987, R. Durfeld the author of this report conducted a field examination and collected several large soil samples that were later panned and evaluated. On October 14th, on the basis of this evaluation the grid was extended to the north and forty-one soil samples were collected at 10 metre intervals on line 33+90 N from 0+00E to 4+00E.

B. GEOCHEMICAL SURVEYS

i) Geochemical Sample Collection and Analysis

Grid line 33+90 north was established using compass and hip chain. Stations were labelled at 10 metre intervals with flagging and tyvex tags.

Soil samples were dug with a grubhoe. All samples were found to be of a residual nature with a high percentage of angular rock fragments. A rusty B-horizon soil was generally developed between 3 and 6 inches from surface. At all sample sites it was therefore possible to collect good B-horizon soils that were placed in Kraft sample bags and shipped to Acme Analytical Laboratories of Vancouver for analysis.

Acme Analytical Laboratories analyzed all samples by 30 element ICP (Inductively Coupled Plasma) and gold by FA+AA (Fire Assay and Atomic Absorption).

ii) Geochemical Results

The results of these analyses are documented on figures 2 to 4 for silver, gold, copper, lead, zinc, manganese, arsenic and tungsten and for all analyzed elements as appendix I. The statistically derived anomalous and strongly anomalous values derived in the 1985 report were incorporated to better define the anomalous areas. These values are listed below and have also been highlighted on figures 2 to 4.

ELEMENT	ANOMALOUS	STRONGLY ANOMALOUS
Gold	15 ppb	20 ppb
Silver	1.0 ppm	1.6 ppm
Lead	180 ppm	250 ppm
Copper	60 ppm	80 ppm
Zinc	150 ppm	185 ppm
Arsenic	30 ppm	50 ppm
Tungsten	5 ppm	7 ppm
Manganese	1000 ppm	1400 ppm

From the distribution of the anomalous gold and silver values on figure 2 it is evident that the north-northwest trending anomalies that were outlined by previous surveys continue to the north.

Large soil samples were collected at stations 33+90N 2+30E and 33+40N 2+60E, were panned down and yielded angular phyllitic rock fragments and crystals of sphalerite and galena. This suggests that the soil anomalies that are developed at these sites represent residual mineralization.

C. CONCLUSIONS

Soil sampling to date on the BON property develops distinct silver-gold and pathfinder anomalies.

The anomaly at 31+90N 0+90E to 1+10E corresponds to quartz-sulphide mineralization that in previous rock chip sampling developed silver values to 32 oz/ton and gold values to 0.20 oz/ton.

The angular nature of fragments in the soils and the concentration of sphalerite and galena in pan concentrated soils suggests a local shallow source. Initial further testing by way of backhoe trenching is recommended on all anomalies.

APPENDIX I
GEOCHEMICAL ANALYSES

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU#1 PPB
L33+90N 3+60E	1	21	22	51	.8	18	6	268	3.38	18	5	ND	8	4	1	2	2	21	.02	.072	42	11	.11	27	.01	3	.75	.01	.03	3	20
L33+90N 3+70E	1	28	33	66	.3	24	9	460	5.69	18	5	ND	6	4	1	2	2	20	.02	.080	34	18	.15	31	.01	2	.96	.01	.03	1	12
L33+90N 3+80E	1	27	38	72	.5	20	9	821	5.07	15	5	ND	6	4	1	2	2	21	.02	.092	25	21	.17	40	.01	2	1.15	.01	.07	4	52
L33+90N 3+90E	1	18	6	23	.2	9	4	290	1.60	7	5	ND	9	5	1	2	2	23	.09	.033	36	3	.06	23	.01	3	.41	.01	.02	1	1
L33+90N 4+00E	1	25	13	40	.1	25	7	202	2.65	27	5	ND	6	3	1	2	2	26	.02	.043	36	13	.07	13	.01	4	.40	.01	.01	1	11

APPENDIX II

ITEMIZED COST STATEMENT

Personnel

Geologist - R.M. Durfeld
- 2 days @ \$300/day \$ 600.00

Assistant - C. Durfeld and R. Dubois
- 2 days @ \$150/day 300.00

Transportation

Truck rental - 3 days @ \$50/day 150.00
Truck fuel - at cost 150.00

Board

- 4 man days @ \$30/day 120.00


Geochemical Analyses

522.40

Report Preparation

350.00

Total \$ 2,192.40




R.M. Durfeld B.Sc.
Geologist

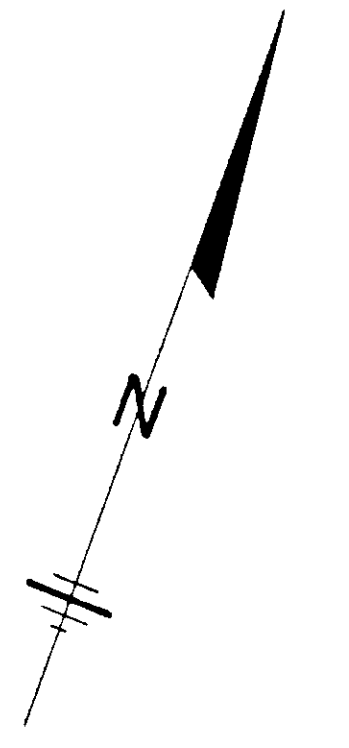
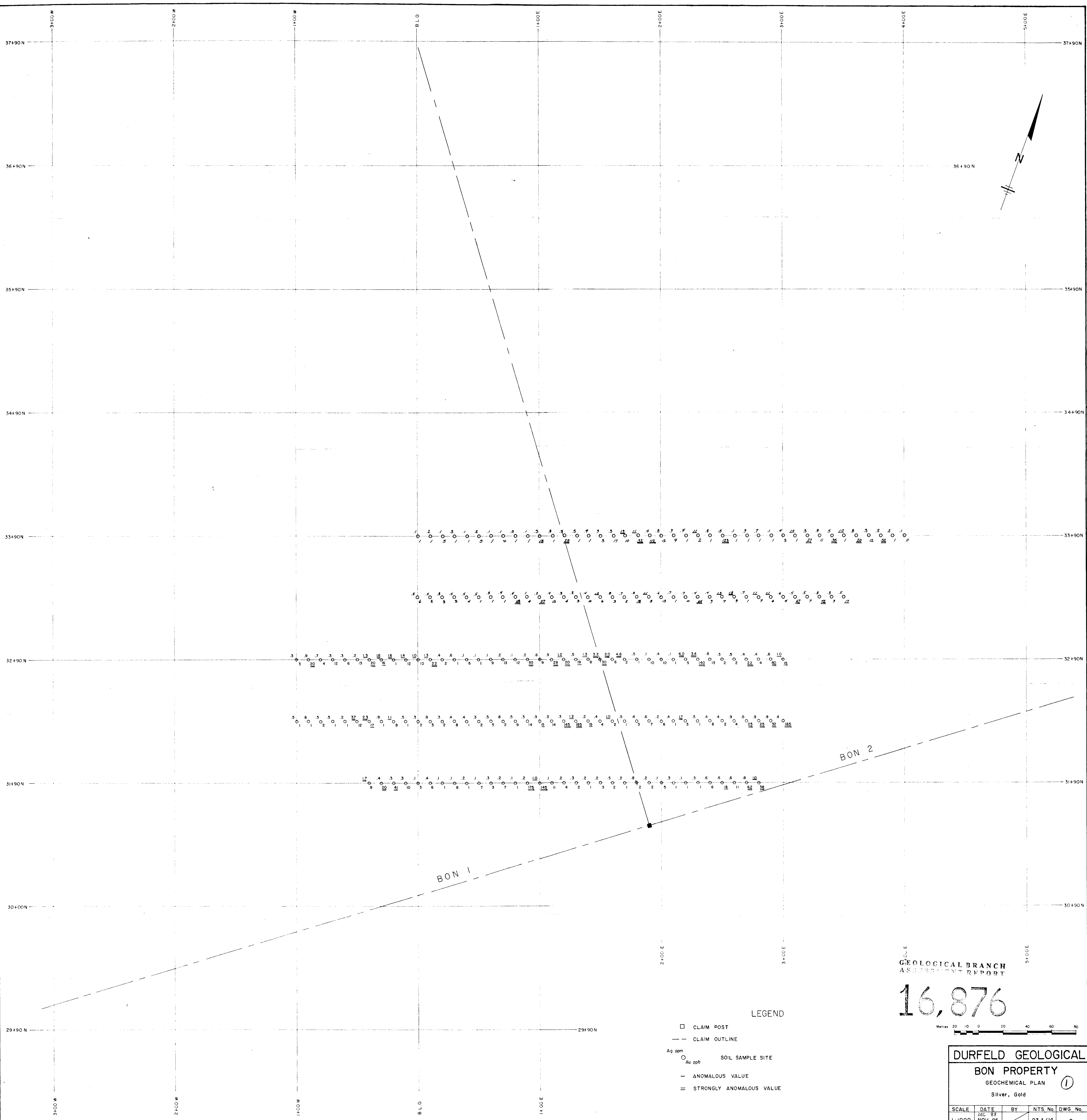
APPENDIX III

STATEMENT OF QUALIFICATIONS

I Rudolf M. Durfeld, do hereby certify :

- 1.) That I am a geologist with offices at 180 Yorston Street, Williams Lake, B.C.
- 2.) That I am a graduate of the University of British Columbia, B.Sc. Geology 1972, and have practiced my profession with various mining and/or exploration companies and as an independant geological consultant since graduation.
- 3.) That I am a Fellow of the Geological Association of Canda (Member No: F3025), and a member of the British Columbia and Yukon Chamber of Mines and the Canadian Institute of Mining and Metallurgy.
- 4.) That this report is based on site evaluation and soil sampling that was conducted on the BON mineral claim group during the period September 27th to October 15, 1987.


R.M. Durfeld, B.Sc.
Geologist

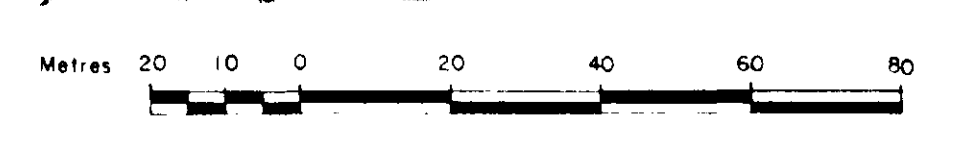


LEGEND

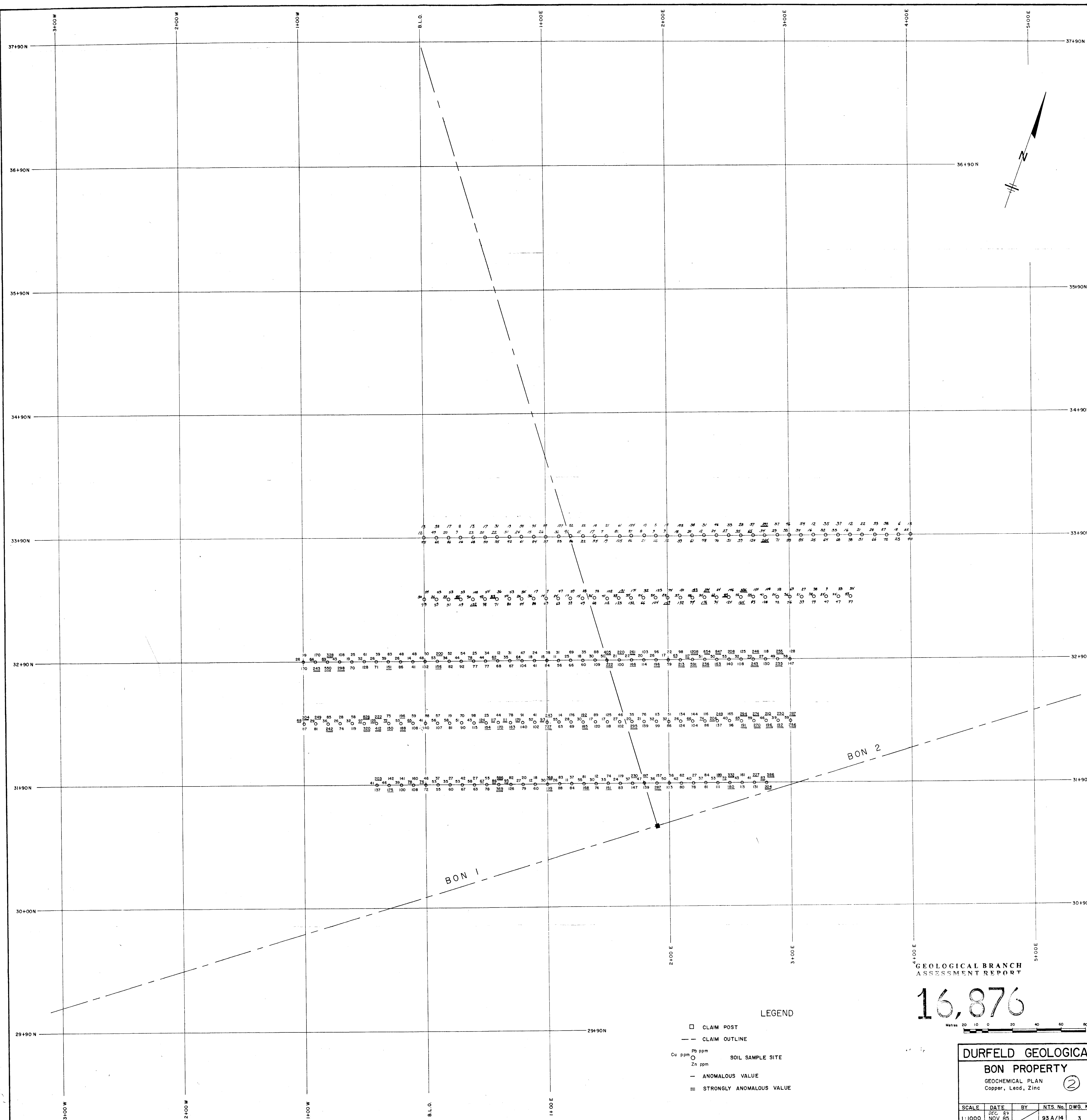
- CLAIM POST
- CLAIM OUTLINE
- Ag ppm
- Au ppb
- ANOMALOUS VALUE
- ≡ STRONGLY ANOMALOUS VALUE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,876

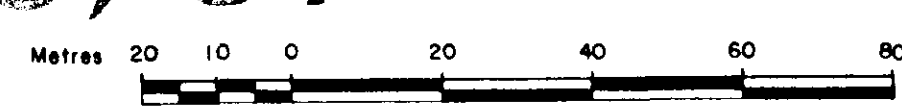


DURFELD GEOLOGICAL				
BON PROPERTY				
GEOCHEMICAL PLAN ①				
Silver, Gold				
SCALE	DATE	BY	NTS. No.	DWG. No.
1:1000	DEC 87 NOV 85 DEC 86		93 A/14	2



GEOLOGICAL BRANCH
ASSESSMENT REPORT

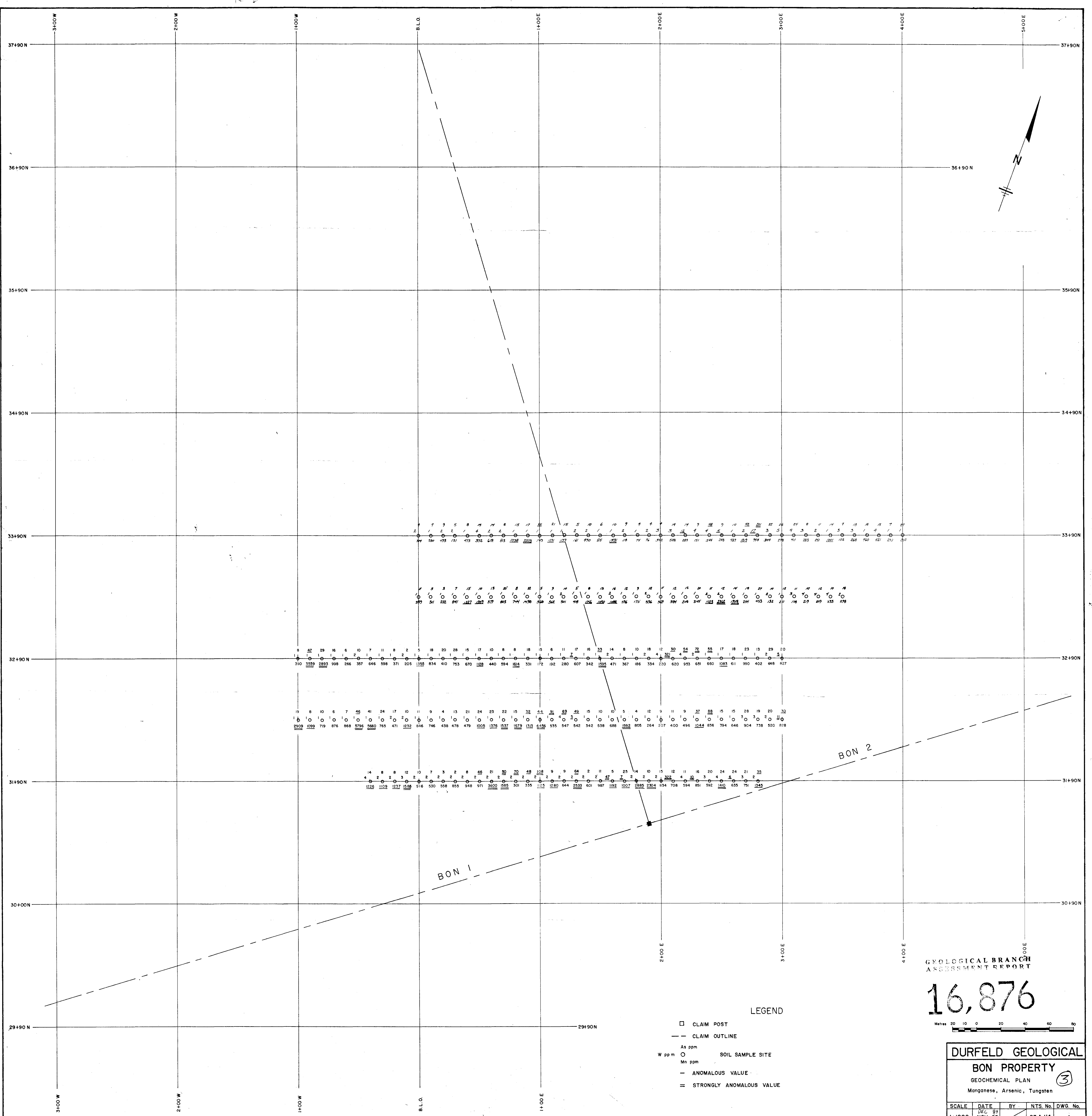
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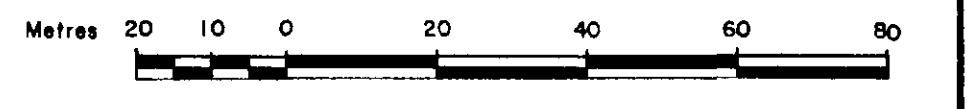
- CLAIM POST
- - CLAIM OUTLINE
- Pb ppm
- Cu ppm
- Zn ppm
- SOIL SAMPLE SITE
- ANOMALOUS VALUE
- = STRONGLY ANOMALOUS VALUE

DURFELD GEOLOGICAL				
BON PROPERTY				
GEOCHEMICAL PLAN ②				
Copper, Lead, Zinc				
SCALE	DATE	BY	NTS. No.	DWG. No.
1:1000	DEC 85		93 A/14	3



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,876



LEGEND

- CLAIM POST
- - - CLAIM OUTLINE
- As ppm
- SOIL SAMPLE SITE
- Mn ppm
- ANOMALOUS VALUE
- = STRONGLY ANOMALOUS VALUE

DURFELD GEOLOGICAL
BON PROPERTY
GEOCHEMICAL PLAN (3)
Manganese, Arsenic, Tungsten

SCALE	DATE	BY	NTS. No.	DWG. No.
1:1000	DEC 85 NOV 85 DEC 82		93 A/14	4