

Prospecting, Geochemical and Physical Work Report

BOO Claim Group

Nelson M.D. 49o 116o SE

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Prospecting, Geochemical and Physical Work Report

Introduction

Prospecting, 22 soil samples and 2 (two) trenches were undertaken on a previously explored Lead- Zinc prospect between 13 Aug 78 and 3 Sep 78. Previous soil geocem anomolies were explored by the author to give a more detailed picture of the anomolies. All work was done on BOO #2 2-post claim.

Personnel, category and time employed in the field are listed below

Jullian Bowron, prospector	2 days
James G. McDonald, prospector	5 days

The claims covertwo Pb-Zn anomolies situated in the Nelson M.D. on the West side of Kidd Creek 80 km SE of Nelson at 1000 m elevation Lat 49o 12'N, Long 116o 15'W on NTS map# 82F/1. Access is obtained by 5.5 km of logging road north from Hwy #3 at Kitchener B.C.

The terrain is mountainous with deeply incised valleys. The slopes are largely forested and rise 800m out of the main Kidd Creek valley

The property was originally discovered in 1966 by Helge Fors, Kimberley BC. Trenching in 1967 by Cominco Ltd. turned up additional Pb-Zn mineralization as follow up on results of soil sampling. Mercury Exploration optioned the property in 1968 doing geochemical, gravimetric and magnetic survey.

The property lapsed until J. McDonald found Pb mineralization in small quartz veins. Previous work defined two anomolous areas, one 130m in diameter and one 130m by 220m.

Work by myself consisted of general prospecting, detailed soil sampling, and trenching on two Pb-Zn geochemical highs.

The discovery of a micro pegmatite with colorless tourmouline crystals (identified by Dr Templeman- Kluit of the Geological Survey) and the geology with a similarity with the Sullivan Mine makes this an interesting prospect.

Geochemical Survey

Detailed sampling was undertaken at 30m intervals. The starting point was 30m WSW and along the BOO #1&2 staking line. B1 -11 samples were taken along and uphill of the staking line. Samples #12 -22.5 were 60m WSW uphill and parallel to the staking line. Samples were assayed for Cd, Ag, Pb, Zn, Cu. 22 soil samples total were collected from the B Horizon and were 120gr in size. Depth to the "B" Horizon, brown in color was usually 10- 30 cm below surface.

All samples were collected in high wet strength Kraft bags and were assayed by Bondar-Clegg of North Vancouver. for Cd, Ag, Pb, Zn, Cu. The samples were sifted through an 80 mesh screen and a 500mg sample was weighed out into 18 by 150mm test tubes, then digested in a hot water bath for 2½ hours. The digesting liqor was 3 parts HNO3 to 1 part HCl. The samples were then put through an atomic absorption for determination.

One lense type sulfide sample was collected and assayed for Au, Ag, Cu, Pb, Zn.

Conclusions

Extensive work has been done on the property in previous years. Tying in previous anomolous geochem lines with more detailed sampling makes this an interesting prospect. Trenching and drilling would be the next logical step. The continuing high prices for silver and base metals and the easy accessability makes this prospect more attractive.

Prospecting, Geochem and Physical Work Report

B00 Claims Group

Nelson M.D.

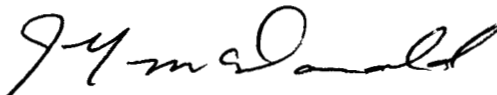
Statement of Expenditures 13 Aug- 3 Sep 78

J. Bowron , Assistant	2 days	\$120.00
J. McDonald Prospectop	5 days	\$300.00
2) Camp Support 7 man days times \$25.00		185.00
3) Transportation		
1 pick-up truck- 1 week@ \$150.00/wk		150.00
Gas		60.00
4) <u>Soil Samples</u>		
sample preparation @ 0.35¢ each		
sample analysis (Cu, Cd, Pb, Zn, Cu) @ \$4.15 each		
22 samples		99.00
5) Assay Au/Ag	\$8.50	
Cu	4.50	
Pb	5.50	
Zn	5.50	
	one assay- total	24.00
6) Drafting		50.00
7) Trenching @ 60¢/ cu ft		
2 trenches 4" by 4' by 6' (96 cu ft)		57.60
8) Report writing		25.00
9) Dynamite and fuses		36.00
Total	13 Aug - Sep 3, 1978	\$ 1106.60

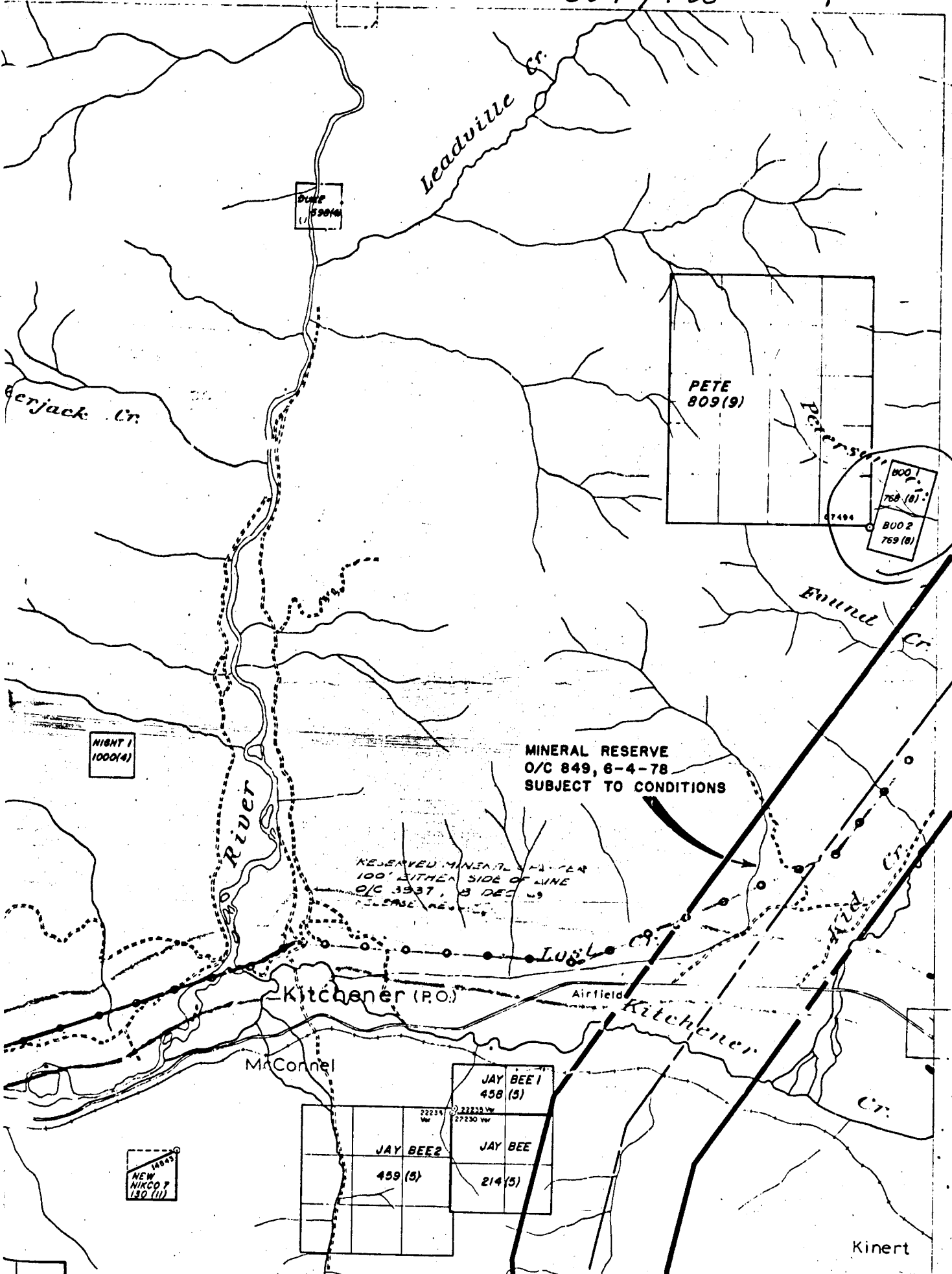
J. McDonald
 J. G. McDONALD

Declaration of Qualifications

I, James Gordon McDonald, of Vancouver, have been a Prospector in British Columbia since 1972. I have received the Prospectors' Assistance Grant for the years 1972, 77, 78. I have worked as a field assistant and prospector for Newmont Mining Corp (1972), Falconbridge Nickel Mines (1978), and Invex Resources (1978). I have further contracted to the Geological Survey of Canada in 1973 and 1977 on a Hot Spring Sampling Program.



James G. McDonald

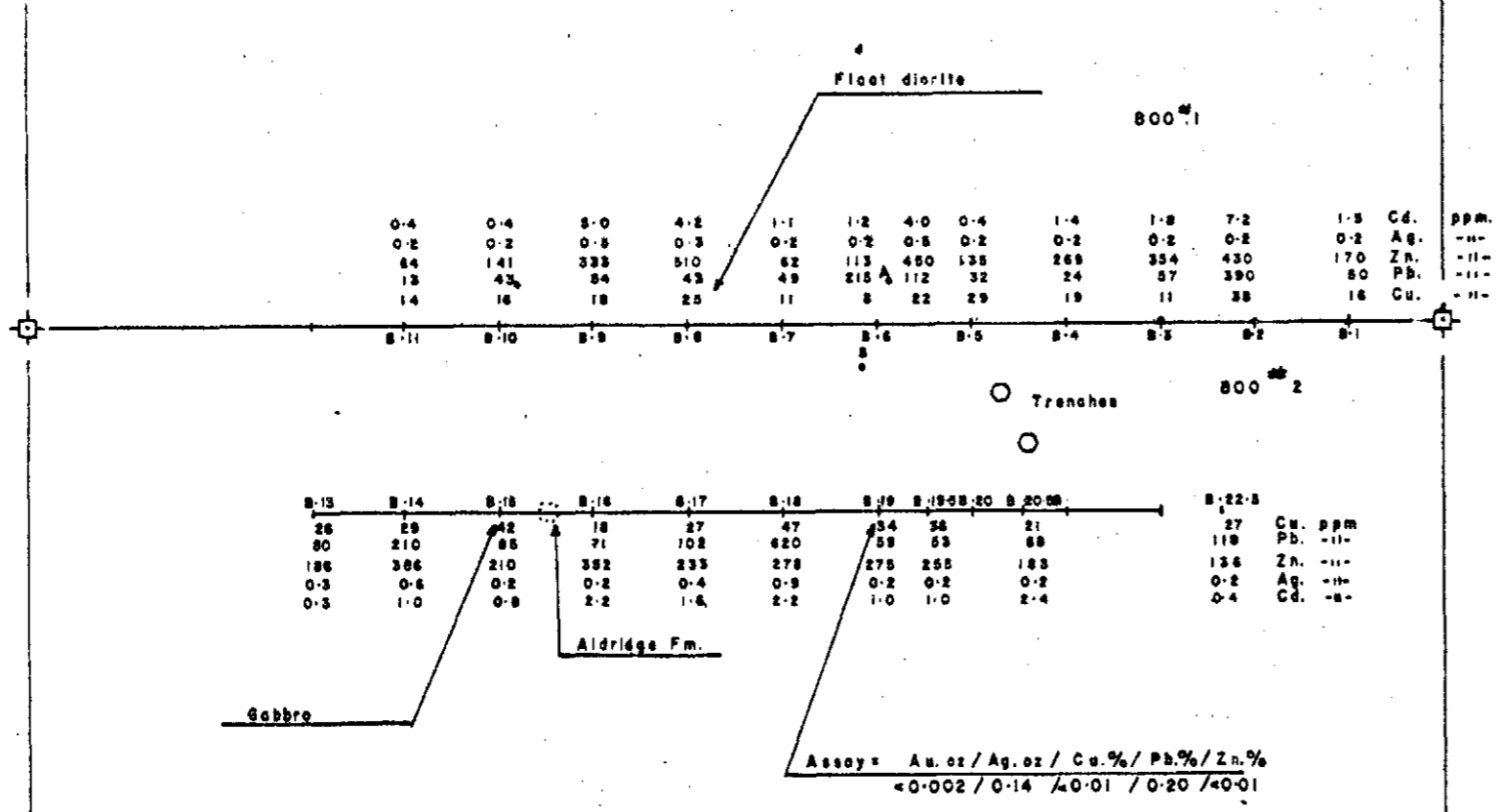


MINERAL RESERVE
 O/C 849, 6-4-78
 SUBJECT TO CONDITIONS

RESERVED MINERAL RIGHTS
 100' EITHER SIDE OF LINE
 O/C 3937, 13 DEC 49
 PLEASE REVIEW

	JAY BEE 1 458 (5)	
JAY BEE 2 459 (5)	JAY BEE 214 (5)	

14845
 NEW NIKCO 7
 130 (1)



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800 Claims Geochem (Soil)

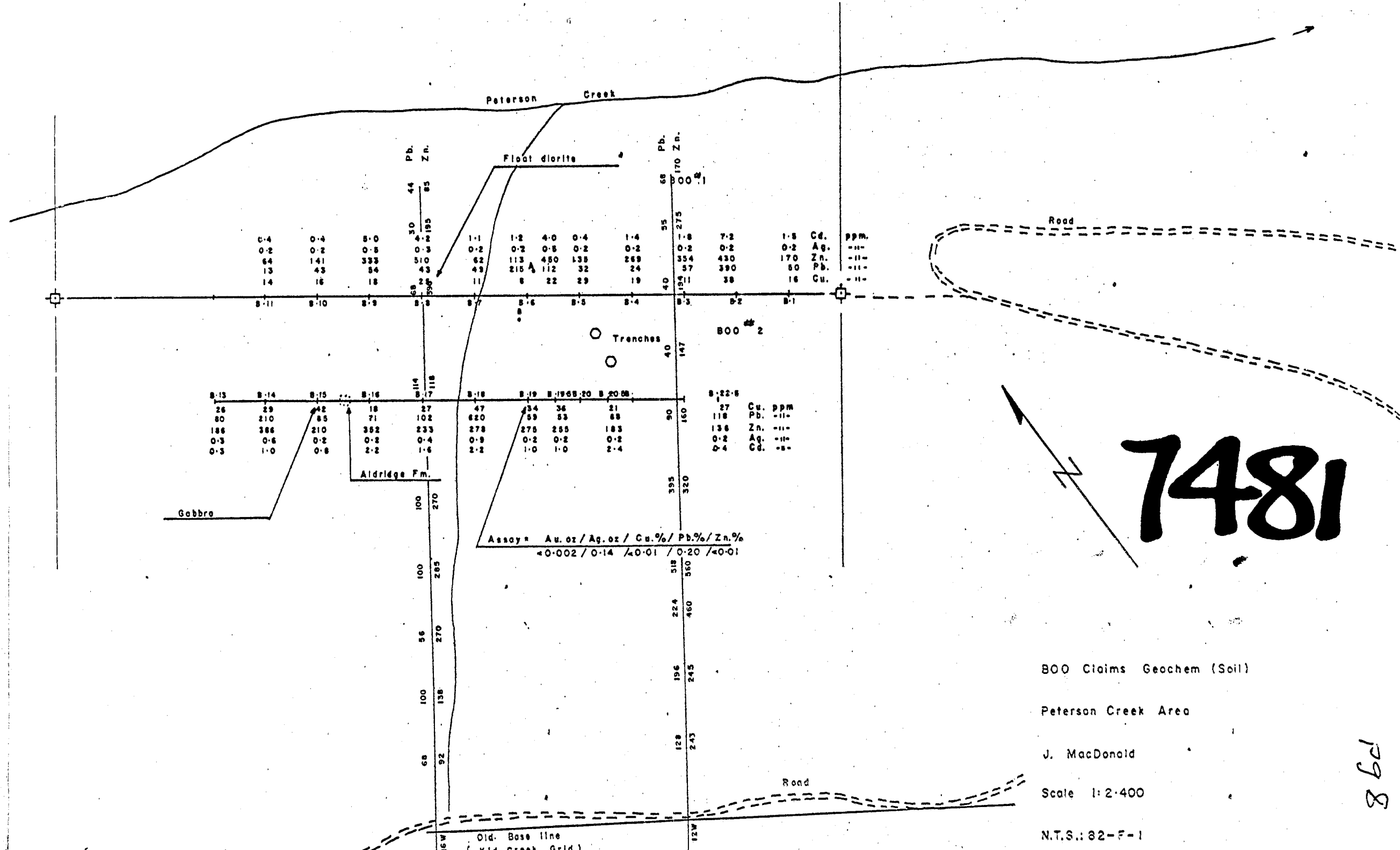
Peterson Creek Area

J. MacDonald

Scale 1:2,400

N.T.S.: 82-F-1

Pg 7



Assay	Au. oz	Ag. oz	Cu. %	Pb. %	Zn. %
	<0.002	0.14	<0.01	0.20	<0.01

Sample	Au. oz	Ag. oz	Cu. %	Pb. %	Zn. %
B-11	0.4	0.2	64	13	14
B-10	0.4	0.2	141	43	16
B-9	5.0	0.8	333	54	18
B-8	0.4	0.3	510	43	68
B-7	1.1	0.2	62	49	11
B-6	1.2	0.2	113	215	8
B-5	4.0	0.8	450	112	22
B-4	0.4	0.2	138	32	29
B-3	1.4	0.2	269	24	19
B-2	7.2	0.2	430	390	38
B-1	1.5	0.2	170	50	16
B-13	26	80	186	0.3	0.5
B-14	29	210	386	0.6	1.0
B-15	42	85	210	0.2	0.8
B-16	18	71	382	0.2	2.2
B-17	27	102	233	0.4	1.6
B-18	47	820	278	0.9	2.2
B-19	54	59	278	0.2	1.0
B-20	36	53	255	0.2	1.0
B-21	21	68	183	0.2	2.4
B-22	1	27	136	0.2	0.4

800 Claims Geochem (Soil)

Peterson Creek Area

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