Report for Ministry of Natural Resources



42E12SW0075 2.7201 SUMMERS

010

1984 POWER STRIPPING AND
ROCK CHIP SAMPLING
ON THE PANCONTINENTAL BEARDMORE
CLAIM BLOCK, NORTHWESTERN ONTARIO

RECEIVED

OCT 18 1984

MINING LANDS SECTION

By: H.R. Lahti, Ph.D.

August, 1984



42E12SW0075 2.7201 SUMMERS

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1.0 INTRODUCTION

1.1 Objectives

In order to bring the following claims to survey status, a program of power stripping was done on claims 465854 - 465855; 538483; 620355; 518061 - 518072; and 519883. A John Deer 455D Loader was used to trench and strip off overburden to expose the bedrock to be mapped and sampled. Samples were assayed for Au, Ag, Cu, Pb and Zn. Extensions of known mineralized zones were explored as were some areas with no known mineralization.

1.2 Location of Trenches and Stripping

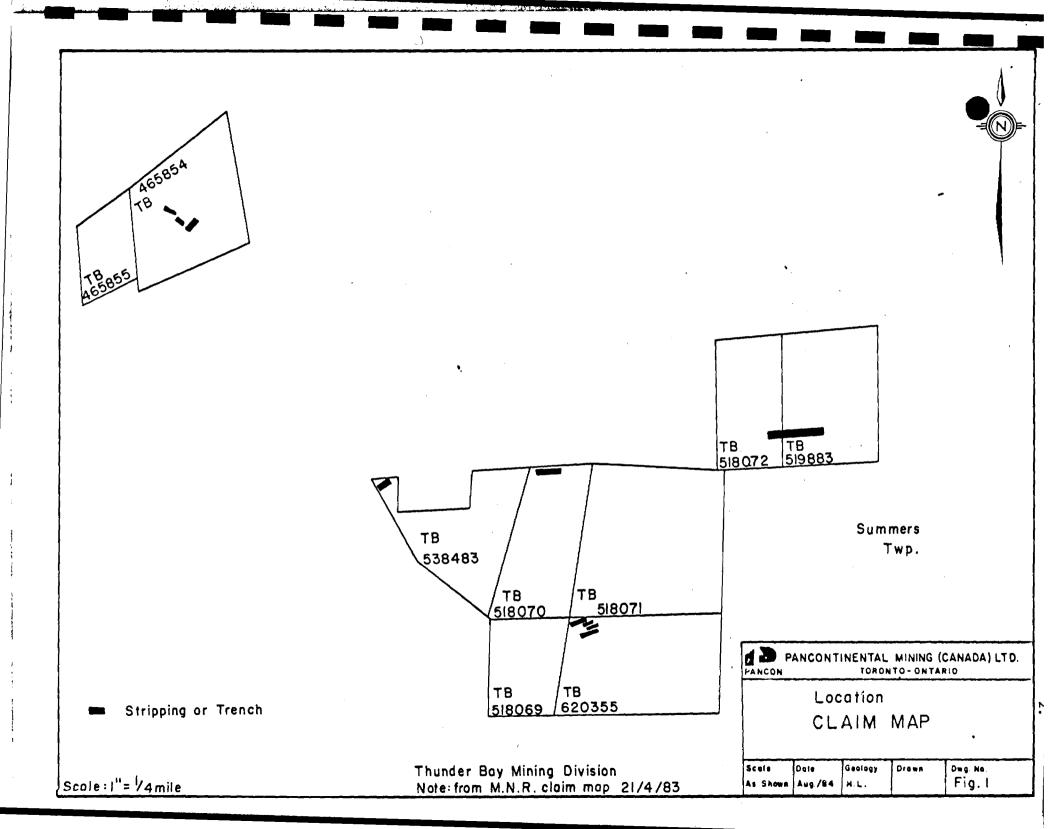
Figure #1 shows the location of the claims the work was done on and the location of the trenching and stripping. Individual claim maps with trench locations are also presented in this report. The alluvial sand and rock chip sample sites are found in the Appendix 1 in Figures #8 - #13 inclusive.

1.3 Duration of Program

The program lasted from July 24th to August 2nd. Two additional days were allowed for mobilization/demobilization.

1.4 Scope of Report

This report summarizes all the work done associated with the power trenching and stripping program. A brief description and list of rock chip samples is given in Appendix II, and the assay results are included in Appendix III.



2.0 TRENCHING AND STRIPPING

2.1 Trenching on Claims 465854 and 465855 (Figure #2)

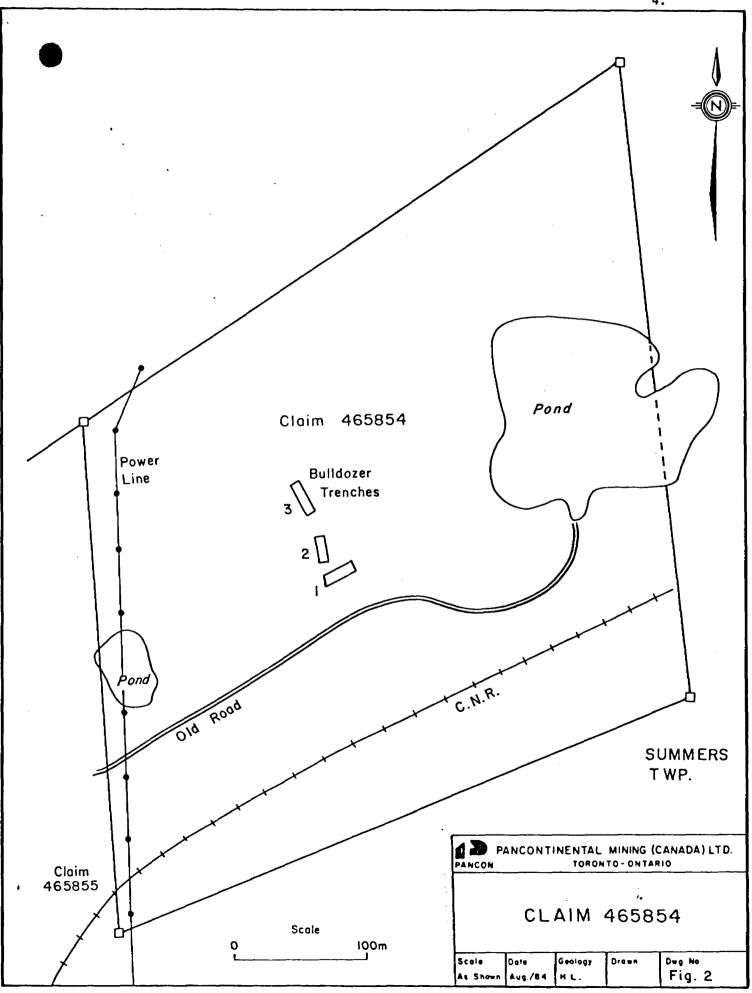
Two days of trenching was done on Claim 465854, but due to the extensive overburden no bedrock was reached. The material encountered consisted of well sorted alluvial river sand (Black River). A total of three trenches were excavated and six large (2 kg.) samples were taken and assayed for Au, Ag, Cu, Pb and Zn (sample location see Figure #8). Because the trenches are proximal to the town community centre, once the samples were taken, the trenches were filled in and the ground re-levelled.

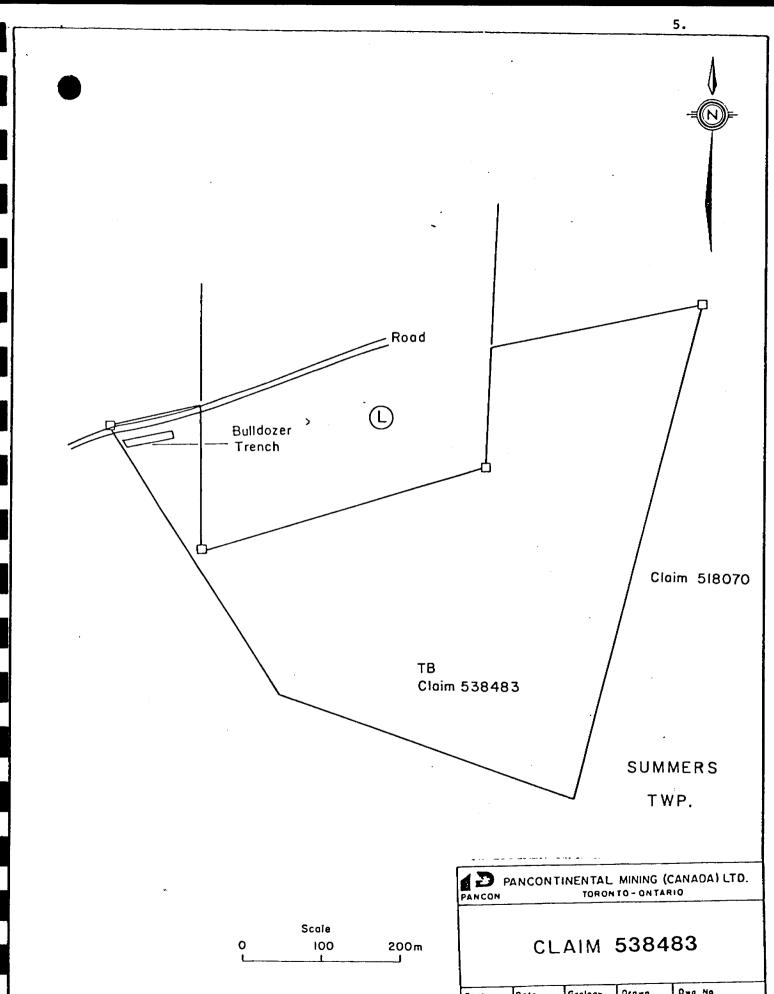
All trenching was done on Claim 465854 because the community centre and parking lot occupied most of the 465855 claim area, and damages to the town property was to be avoided.

2.2 Claim 538483 (Figure #3)

An approximately 30 metre long area of bedrock was stripped of overburden and scrub trees. The excavation exposed a 0.3 metre wide black graphitic zone. This and other rocks in the trench were sampled. Samples Bd-43-84 to Bd-48-84 were taken from the trench and assayed for Au, Ag, and other base metals. (See Figure #9 for sample location).

The graphitic zone pinches and swells along strike and locally has trace pyrite. This unit is enclosed in vol-sediments of andesitic composition and fine-grained carbonate rich sediments. All these rocks have been metamorphosed to the greenschist facies. No visible Au or Ag was observed.





Owq. No. Drawn Geology Date Scale 7.7C \84 Fig. 3

2.3 Claim 620355 (Figure #4)

This claim is in a very remote part of the Pancon claim group, in an area with numerous swamps and high rocky ridges.

An old bush road to the McWilliams Shaft and on to the South-East Zone (Atkins 1981) was improved to the state where a four wheel drive vehicle can use the road. From the end of this road a bulldozer road was made to the claim site, where the trenches were excavated and some outcrop areas stripped of the thin overburden and vegetation.

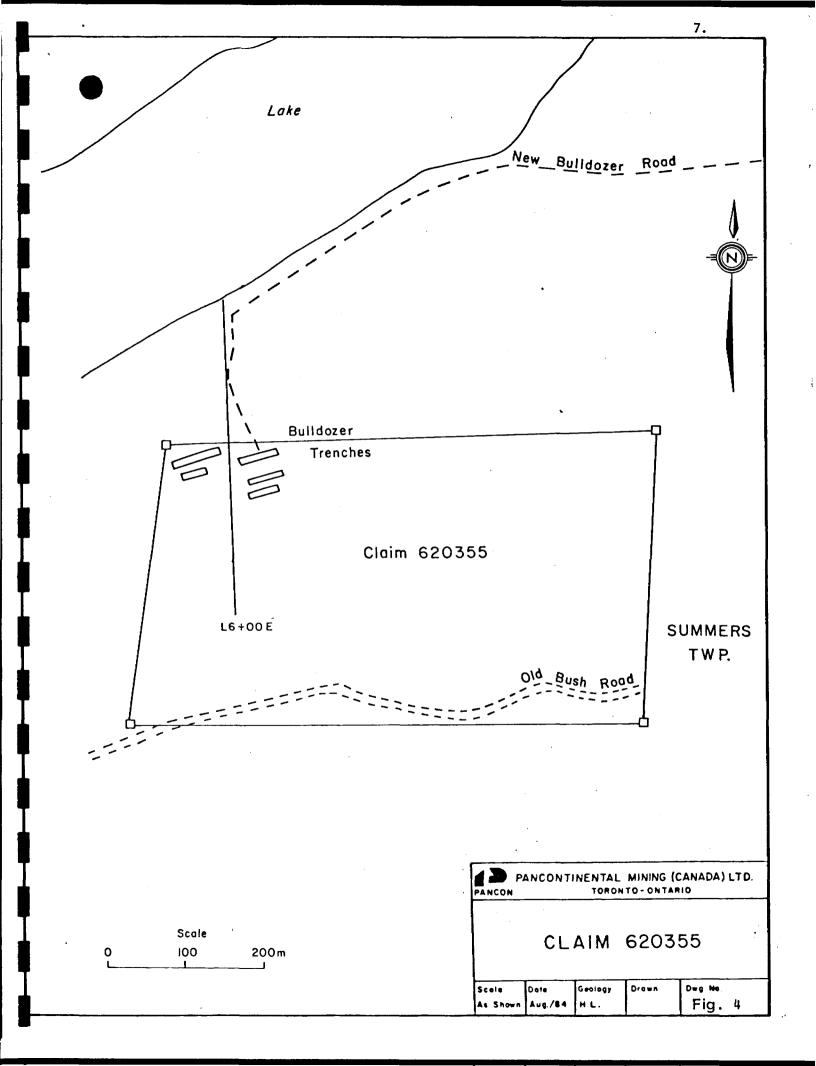
The rocks exposed by the trenching consist of basalts, andesites and possibly tuffs and sediments, all sheared and metamorphosed to the Greenschist facies. No economic minerals were observed, but several samples were collected to confirm the visual inspection (see Figure #10 and #11 for sample locations).

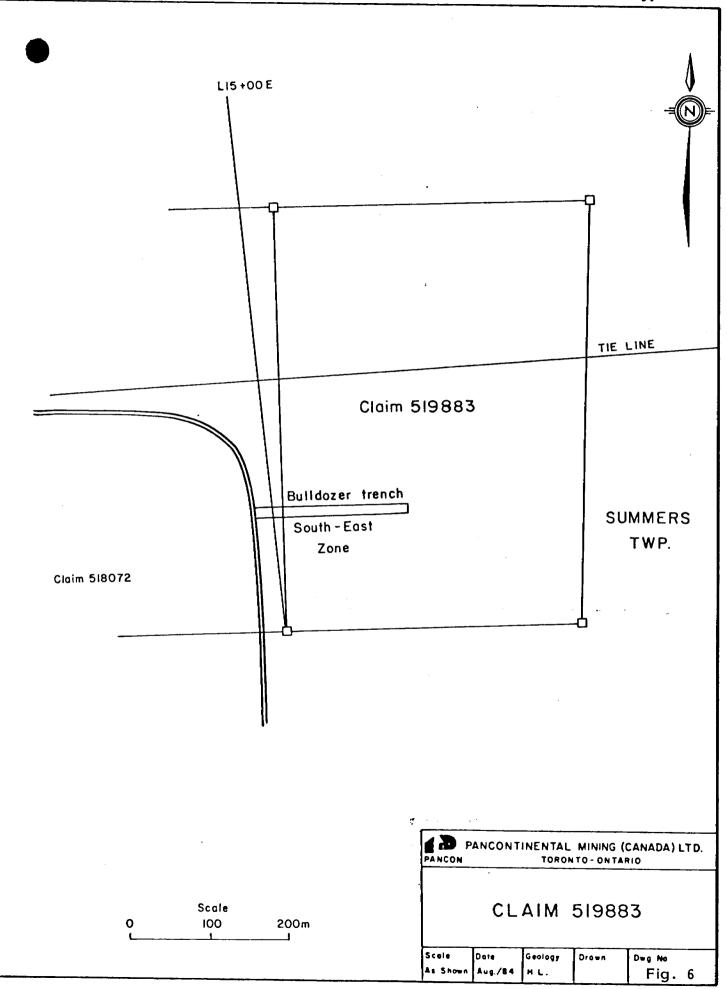
2.4 Claims 518072 and 519883 (Figures #5 and #6)

Access to these two claims is by a four-wheel drive road improved in 1984. A long 200+ metre x 10 m area was stripped. The area cleared of overburden and vegetation is the eastern part of the South-East Zone (Atkins, 1981) and extends from Claim 518072 into 519883.

The local geology is quite complex with numerous quartz stringers interbedded with volcanic and sedimentary rocks, some of which are high in carbonate. The carbonate rich beds show excellent plastic-flow type folds. Some of the thin beds appear to be high in ankerite, an iron carbonate facies of Iron Formation.

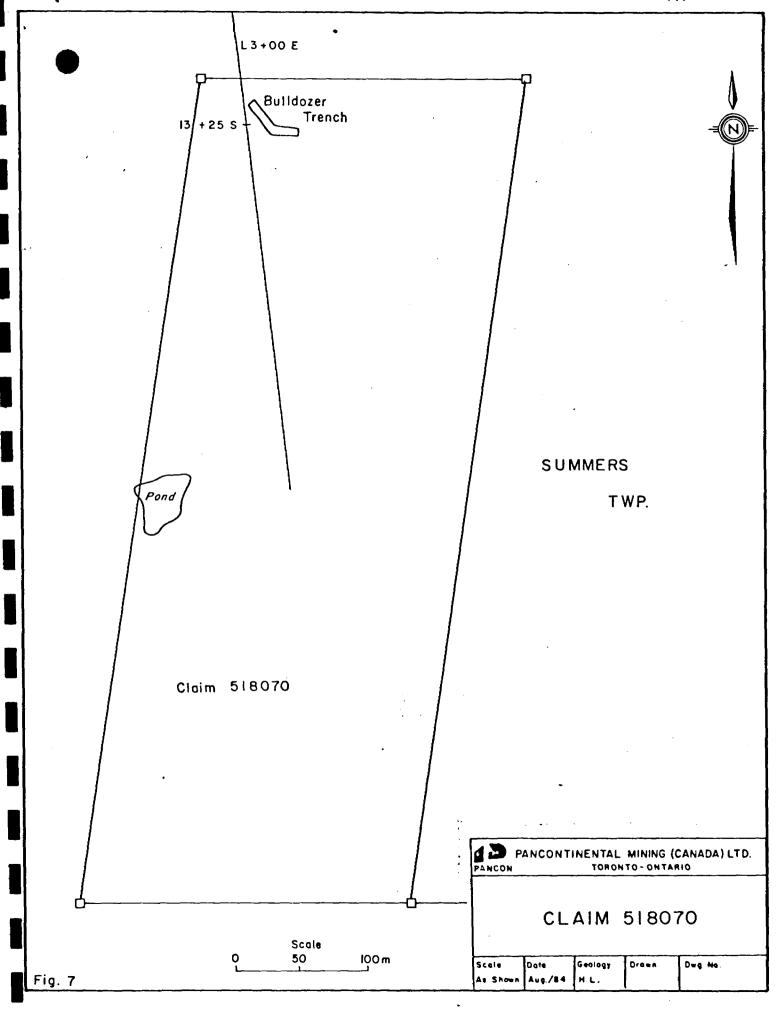
Old trenches blasted into the bedrock indicate that the earlier (1940's) workers were prospecting quartz rich zones with accessory arsenopyrite, pyrite and minor gold. Twenty rock chip samples across the interesting zones were taken, and have been sent in for assay for Au, Ag, and base metals Cu, Pb and Zn (see Figure #12). No significant zones of mineralization were observed.





2.5 Claim 518070 (Figure #7)

A 30 - 40 metre x 10 metre area of ground was stripped of overburden and vegetation across the strike of the local geology. An attempt was made to see if the mineralized rocks east of the South-East Zone extend this far to the west. None of the carbonate rich sediments or quartz stringers were found. Several samples were collected to verify the visual inspection of the rock. Sample locations are found in Appendix I in Figure #13).



3.0 ASSAY RESULTS

No significant new mineralization was located during the trenching and stripping program. Further work will be required to determine if these claims contain economic concentration of Au, Ag, Cu, Pb or Zn.

4.0 STATUS OF CLAIMS

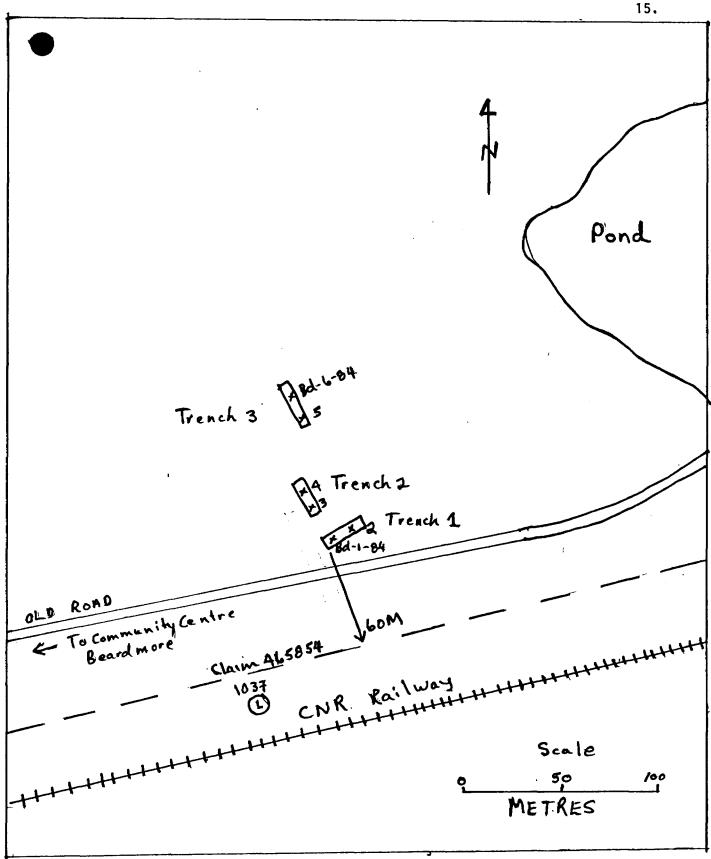
With the completion of 10 days of power stripping the following claims should be brought to survey status:

Claim No.	Mandays Due	Date Due	Comments
465854	56.6	August 31/84	To survey status To survey status
465855	56.6	August 31/84	
538483	60.0	August 14/84	To survey status
620355	140.0	August 25/85	To survey status
518069-72 plus 519883	300.0	January 2/85	To survey status

Note: Claims 538483, 620355, 518069 - 072 and 519883 are contiguous.

APPENDIX I

SAMPLE LOCATIONS IN CLAIMS



Sketch Map Showing Location of Alluvial Samples from Trenches Figure #8

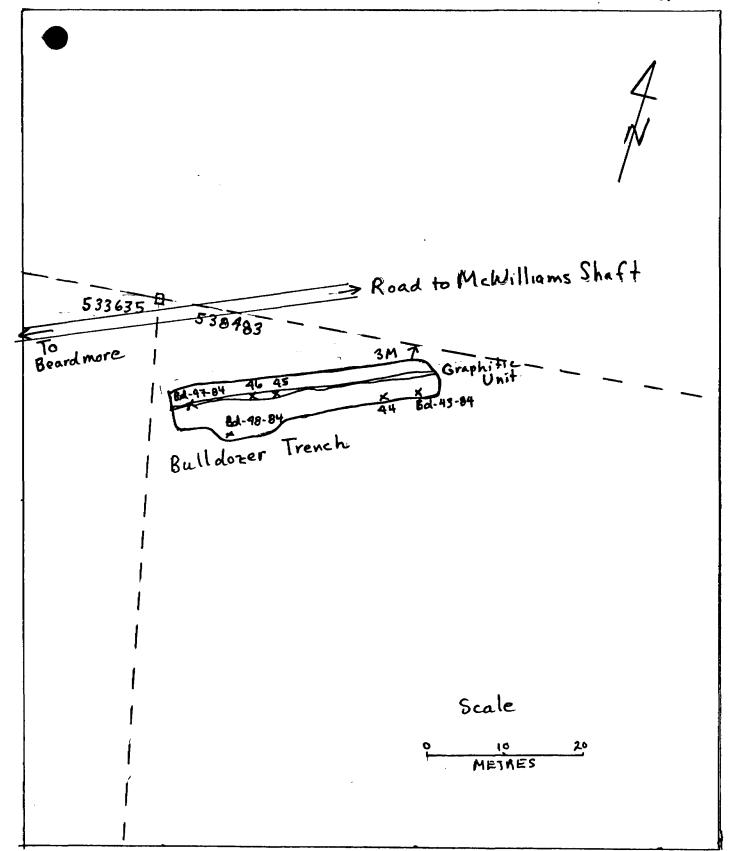


Figure #9 Sketch Map Showing Location of Rock Chip Sample Site in Claim 538483

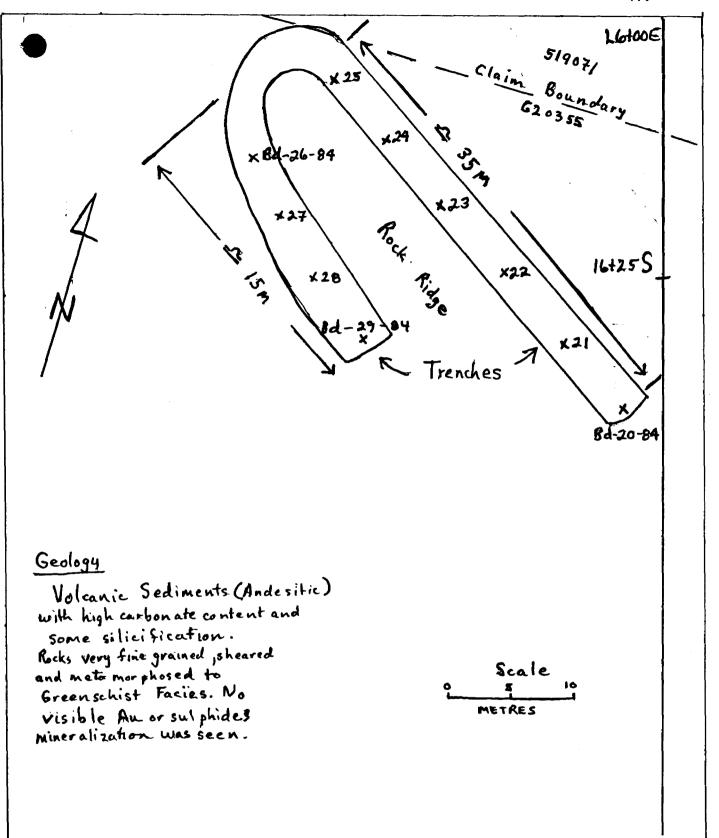


Figure #10 Sketch Map Showing Sample Location of Rock Chip Samples Claim 620355

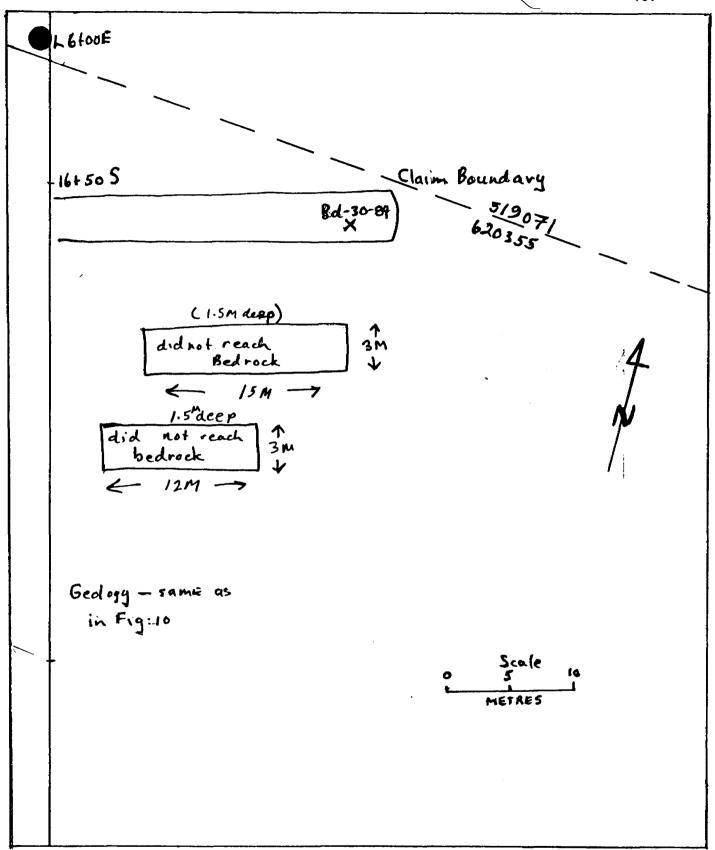


Figure #11 Sketch Map Showing Location of Rock Chip Samples in Claim 620355

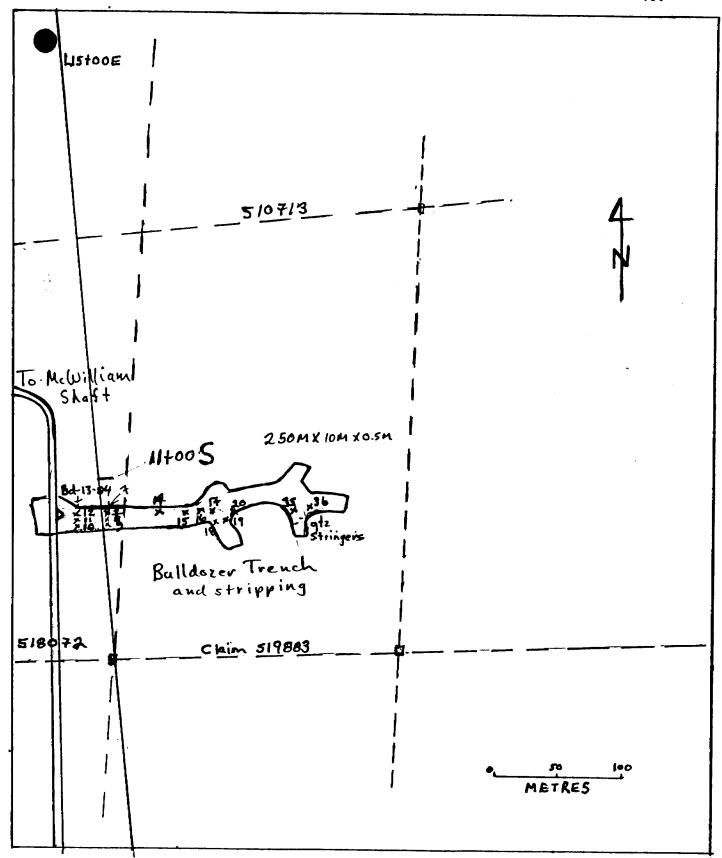


Figure #12 Sketch Map Showing Location of Rock Chip Sample Sites in Claims 518072 and 519883

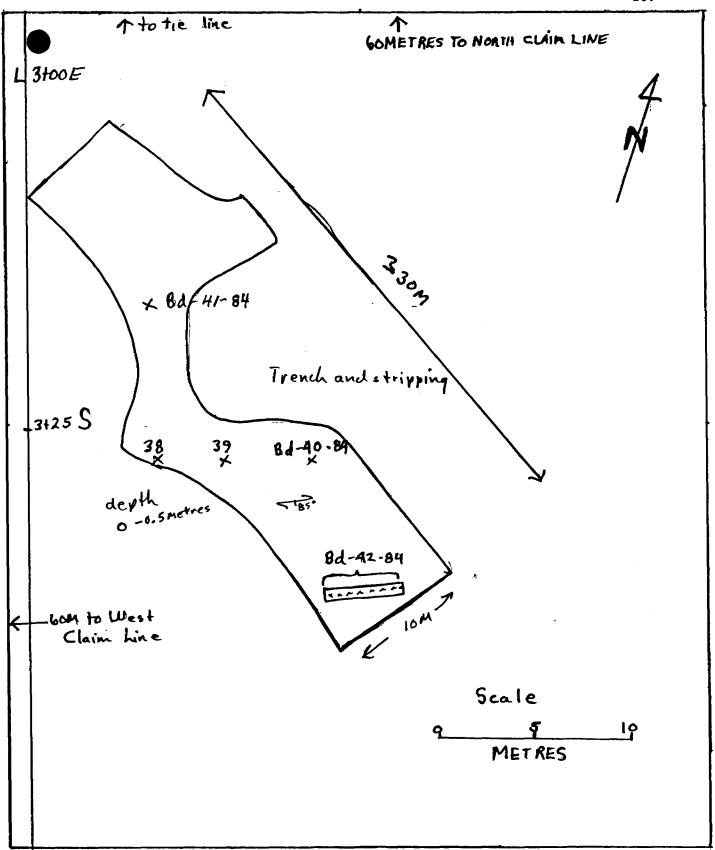


Figure #13 Sketch Map Showing Location of Rock Chip Samples on Claim 518070

LIST AND DESCRIPTION OF ALLUVIAL AND ROCK CHIP SAMPLES

Bd-	1-84	Claim	465854	Well washed alluvial sand
	2-84	11	H	Well washed alluvial sand
	3-84	н	11	Well washed alluvial sand
	4-84	Ħ	II .	Well washed alluvial sand
	5-84	11	П	Well washed alluvial sand
	6-84	H	11	Well washed alluvial sand
Bd-	7-84	Claim	518072	And. tuff. and carbonate rich seds
	8-84	Iŧ	11	IF. Ankerite, seds, tuff.
	9-84	16	Ħ	IF. Ankerite, seds, tuff.
	10-84	1\$	IF	And. tuff. and carbonate rich seds
	11-84	II.	11	Quartz stringer
	12-84	11	11	And. tuff. and carbonate rich seds
	13-84	H	н	Well banded silica-carbonate - tuff. band with ankerite
Bd-1	14-84	Claim	519883	Same as 13
	15-84	Ħ	II	Vol seds - tuff. with qtz. stringers
	16-84	11	11	Quartz stringer
	17-84	11	и	Quartz stringer
	18-84	н	n .	Quartz and seds vol. And.
	19-84	u	II.	Quartz stringer
	20-84A	0	н	Iron Formation, Andesite, trace sulfides
Bd-2	20-84B	Claim	620355	Silicified And., f. grained sheared, chloritic
	21-84	11	H	As above
	22-84	и	II .	As above
	23-84	11	11	As above
	24-84	11	11	Parts phyllite + And.
	25-84	и	H	Chloritized And. tuff.
	26-84	n	Ħ	Carbonate rich seds derived from And. vol, tuffs.

Appendix II

Bd-27-84	Claim	620355	Same as Bd-26-84
28-84	H	u	As above
29-84	11	н	As above
30-84	11	11	Silified And. tuff?
31-34			(Not Used)
Bd-35-84	Claim	519883	Chloritic seds. carbonate rich, some ankerite
36-84	11	II	As above
37-84			(Not Used)
Bd-38-84	Claim	518070	Andesite to basalt - some tuff. and possibly tuffaceous sediments
39-84	II	II	As above
40-84	11	H	As above
41-84	II	Ħ	As above
42-84	ij	II	As above
Bd-43-84	Claim	538483	Spotted chl. schist - Andesite composition possibly sedimentary
44-84	11	11	Phyllite - green - derived from And. tuff.?
45-84	11	II	Graphite Zone ≈ 0.3m thick, pinches and swells along strike
46-84	ii	10	As above
47-84	11	H	As above
48-84	и	u	Phyllitic sed.

APPENDIX III

ASSAY DATA

BARRINGER MAGENTA

304 CARLINGVIEW DRIVE REXDALE, ONTARIO M9W 5G2

(416) 675-3870

3750 - 19TH STREET SUITE 105 CALGARY, ALBERTA T2E 6V2 (403) 276-9701

FILE: T4-0501 DATE: 21/08/84 MATRIX: HF

PAN CONTIN	ENIUL HININ	G (H. LA	THI)			WO NO: 84-0501A	FAGE: 1
SAMPLE ID	AU OZ/TON	AG OZ/TON	CU PPM	ZN FPM	PB PPM	-	
*84-RD-1 *84-BD-2 84-BD-3 84-BD-4 84-BD-5	TRACE TRACE TRACE TRACE TRACE	<.05 <.05 <.05 <.05 <.05	6 8 5 6 5	24 23 18 40 21	866758		
84-BI-6 84-BI-7 84-BI-8 84-BI-9 84-BI-10	TRACE TRACE TRACE TRACE TRACE	<.05 <.05 <.05 <.05 <.05	6 56 75 67 98	25 130 130 160 140	2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		
84-RU-11 84-RU-12 84-RU-13 84-RU-14 84-RU-15	TRACE TRACE TRACE TRACE TRACE	<.05 <.05 <.05 <.05 <.05	9 57 28 15 26	10 105 35 35 18	\$		
84-RD-16 84-BD-17 84-BD-18 84-BD-19 84-BD-20	TRACE TRACE TRACE TRACE TRACE	<.05 <.05 <.05 <.05 <.05	12 14 30 14 84	8 23 58 29 83	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
84-RD-21 84-RD-22 84-RD-23 84-RD-24 84-RD-25	TRACE TRACE TRACE TRACE TRACE	<.05 <.05 <.05 <.05 <.05	73 71 99 135 59	88 75 75 75 90	<2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <		

BARRINGER MAGENTA

304 CARLINGVIEW DRIVE REXDALE, ONTARIO M9W 5G2

(416) 675-3870

3750 - 19TH STREET SUITE 105 CALGARY, ALBERTA T2E 6V2 (403) 276-9701

FILE: T4-0501 DATE: 21/08/84 MATRIX: HF

PAN CONTIN	ENTAL MININ	√G (H. LA	THI)				WO NO: 84-0501A	FAGE: 2
SAMFLE S	AU OZ/TON	AG OZ/TON	CU PPM	ZN PPM	PB PPM			
84-BD-26 84-BD-27 84-BD-28 84-BD-29 84-BD-30	TRACE TRACE TRACE TRACE TRACE	<.05 <.05 <.05 <.05 <.05	54 64 68 86 75	93 85 93 91 100	<2 <2 <2 <2 <2 <2	•		
84-RD-31 84-RD-35 84-RD-36 84-RD-37 84-RD-38	TRACE TRACE TRACE TRACE TRACE	<.05 <.05 <.05 <.05 <.05	67 15 64 82 135	106 28 120 110 110	<2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <			
84-BI-39 84-BI-40 84-BI-41 84-BI-42 84-BI-43	TRACE TRACE TRACE TRACE TRACE	<.05 <.05 <.05 <.05 <.05	83 45 89 95 90	85 98 50 125 95	<2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <			
84-1:11-44 84-1:11-45 84-1:11-46 84-1:11-47 84-1:11-48	TRACE TRACE TRACE TRACE TRACE	<.05 <.05 <.05 <.05 <.05	89 130 115 105 95	145 825 600 300 115	<2 <2 <2 <2 <2 <2 <2			

.005<TRACE>.001



1362 (81/9)

Report of Work

(Geophysical, Geological, Geochemical and Expenditures)



900

File:	465854		The Min	42E12SW0075 2.7	201 SUMMER	o not use	e shaded areas be	S., Columns,
[Type of Survey(s)	,				Township			<u> </u>
ASSAYIN Claim Holder(s)	G		· · · · · · · · · · · · · · · · · · ·		$\int Su$	MMER	S TP	G-165
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Name and Address of Author (o	f Geo-Technical report)				<u>-</u>		L	
Howard Lahte			ava (
Credits Requested per Each (Special Provisions	Geophysical	Days per		Claims Traversed () Mining Claim	Expend.		ence) fining Claim	Expend.
For first survey:		Claim	Prefix	Number	Days Cr.	Prefix	Number	Days Cr.
Enter 40 days, (This	- Electromagnetic		TB	* 445 854h	14			
includes line cutting)	- Magnetometer			x 465055	46.2			
For each additional survey:	- Radiometric		3.	620355	17.8			
using the same grid:	- Other				17.8			
Enter 20 days (for each)	Geological			51 80 69	+ -1	t	 	
	Geochemical			518070	17.8			
Man Days	Geophysical	Days per		518071	17.8			
Complete reverse side		Claim	S 6.2	518072	12.3	9		
and enter total(s) here	- Electromagnetic		Ç.	, 519883	17.8			
	- Magnetometer	<u> </u>					 	
	- Radiometric						<u></u>	
	- Other							
	Geological		Ç t		P. P. Da		}	
	Geochemical .			2.	1	9		
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to Airborne Surveys.	Radiometric							
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Performed on Claim(s)								
465 854, 620 355,	518070, 518071	., and						
5/9883								
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Certification Verifying Repo		oudades et	the facts as	forth in the Panant	of Work	wad barks	having perform	od the work
I hereby certify that I have a or witnessed same during and	or after its completion a				J: TYUIK BIINE	AGU HEI GIGT		y the work
Name and Postal Address of Pers	on Certifying	14A 7 T		∧. ↓				

W. L. GOOD

L. J. HOGAN

W. P. BROOK

RED 4 X R. 6643

PANCONTINENTAL MINING (CANADA) LTD. RECEIVED Land Management Branch CIRCULATE COMMENTS PLEASE BY OCT 22 1984 Miss Susan Hurst, Land Management Branch, Ministry of Natural Resources, Whitney Block, Room 6643,

PANCON

27201

Dear Miss Hurst,

Queen's Park, Toronto, Ontario.

M7A 1W3

Your File: 2.7201 Assaying submitted on Mining Claims TB 465854 et al in Summers Township

Further to your letter dated October 10th, and our telephone conversation on October 15th, I am attaching two copies of our cancelled cheque #5781, in the amount of \$1,604.25, made payable to Barringer Magenta Limited. This cheque was issued for assaying performed on the above claim block.

As mentioned during our telephone conversation, we submitted duplicate copies of the assay results and sample location plans as part of our report to the Thunder Bay Office. If you need additional copies, please let me know.

I trust the above is satisfactory, and if you need more information please contact this office.

Yours sincerely,

PANCONTINENTAL MINING (CANADA) LTD.

Mrs. Sheila D. Woods.

SPWoods

October 10, 1984 File: 2.7201

Pancontinental Mining (Canada) Ltd Suite 705 365 Bay Street Toronto, Ontario M5H 2V1

Dear Sir:

RE: Data for Assaying submitted on Mining Claims TB 465854 et al in Summers Township

In order to complete the above-mentioned submission, please provide the following in dublicate:

- 1) receipts or cancelled cheques as proof of payment for the \$1604.25 expenditure credits claimed
- 2) assay results
- 3) sample location plan showing assay values

When submitting this material, please quote file 2.7201.

For further information, please contact Susan Hurst at (416)965-4888.

Yours sincerely.

S.E. Yundt Director Land Management Branch

Whitney Block, Room 6643 Queen's Park Toronto, Ontario M7A 1W3 Phone: (416)965-4888

S. Hurst:mc

cc: Mining Recorder
Thunder Bay, Ontario

1984 10 01

Your File: 447 Our File: 2.7201

Mining Recorder
Ministry of Natural Resources
P.O. Box 5000
Thunder Bay, Ontario
P7C 5G6

Dear Madam:

We have received Data for Assaying on September 20, 1984, submitted under Section 77(19) of The Mining Act R.S.O. 1980 for Mining Claims TB 620355 et al in the Township of Summers.

This material will be examined and assessed and a statement of assessment work credits will be issued.

Yours sincerely,

S.E. Yundt Director Land Management Branch

Whitney Block, Room 6643 Queen's Park Toronto, Ontario M7A 1W3 Phone: (416)965-6918

A.Barr:sc

cc: Pancontinental Mining (Canada) Limited 365 Bay STreet Suite 705 Toronto, Ontario M9H 2V1

cc: Howard Lahti R.R. #1 Mattawa, Ontario POH 1VO



October 16, 1984

MEMORANDUM TO:

Director
Land Management Branch
Ministry of Natural Resources
6643 Whitney Block
TORONTO, Ontario.
M7A 1W3

Att'n: Susan HURST

SUBJECT: PANCONTINENTAL MINING (CANADA) LTD.

Assay Reports TB538483 et al

Enclosed herewith please find reports as above referred.

Yours very truly

Audrey M. HAYES Mining Recorder Thunder Bay Mining Division Ontario Government Building

435 S. James Street
P.O. Box 5000
THUNDER BAY, Ontario.

P7C 5G6

Telephone: (807)475±311

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RECEIVED

OCT 18 1984

Land Management CIRCUL ATE COMMENTS PLEASE

S. E. YUNDT

J. R. MORTON J. C. SMITH

W. L. GOOD

W. P. BROOK

R. 6643

OCT 18 1984

MINING LANDS SECTION

Mining Lands Section

File No 2. 7201

Control Sheet

TYPE OF SURVEY	GEOPHYSICAL GEOLOGICAL GEOCHEMICAL EXPENDITURE
MINING LANDS COMMENTS:	
	Dong
L1)	Signature of Assessor

Date

PAY TO THE ORDER OF	BARRINGER	Mine			ALIG 28	19 <u>8</u>
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FOR DEPOSIT ONLY
TO THE CREDIT OF
BARRINGER MAGENTA LIMITED



304 CARLINGVIEW DRIVE METROPOLITAN TORONTO REXDALE, ONTARIO CANADA M9W 5G2 PHONE: 416-675-3870 TELEX: 06-989183

SERVICES FOR THE EARTH AND ENVIRONMENTAL SCIENCES

DATE: August 22, 1984

PROJECT: 100.41

PERIOD COVERED:

SALES ORDER: PROGRESS BILLING: SHIPPING REPORT:

84-501 WORK REPORT: N/A FED. SALES TAX: N/A ONT. SALES TAX:

TERMS: NET 30 days

H. Lathi AUTHORITY:

TO:

ANALYSIS

M5H 2V9

45 Rock & Soil Samples

Pan Continental Mining Suite 600, 365 Bay Street

TORONTO, Ontario

Prep	@ 3.40 each	153.00
Au/Ag - Fire Assay	@11.00 each	495.00
Cu Assay	@ 6.25 each	281.25
Zn Assay	@ 7.75 each	348.75
Pb As say	@ 7.25 each	326.25

TOTAL INVOICE

\$1,604.25 =======



Payment Date___

Ext. & Adds.

Account Code__

APPROVALS

Criginator Alahti Manager Arway La

AIP

