

7/84

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REPORT
on the
ASSESSMENT WORK (DIAMOND DRILLING)

on the CRUMP PROPERTY: claims FAP 1(8754); FAP 2(8755);
ARM 1(1184); ARM 2(1185); ARM 3(1186) and CRU(1179)

for

AGIO RESOURCE CORPORATION (owner and operator)

by

R.W. Phendler, P.Eng. (Consultant and Author)

82E/12W

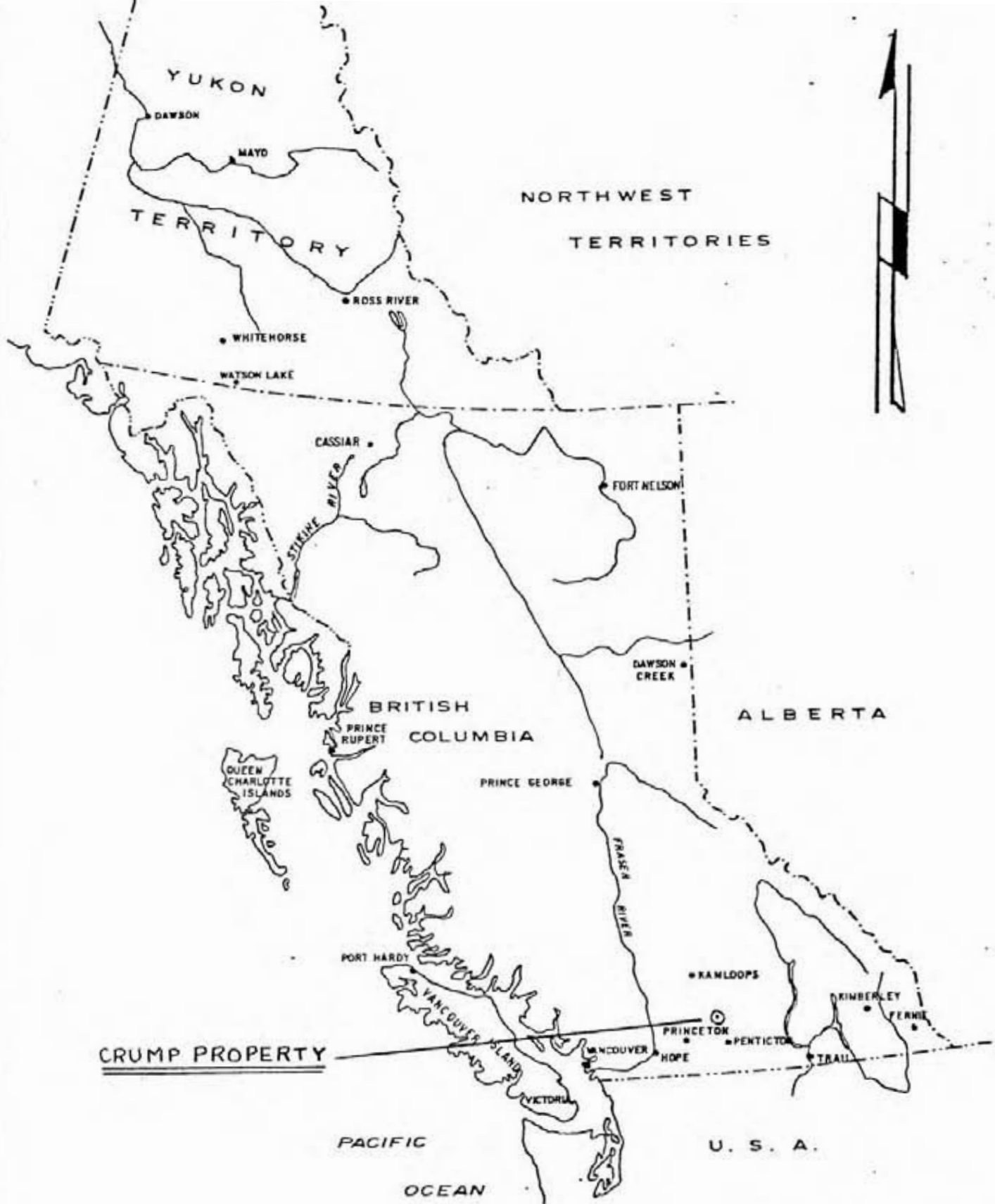
49°37'N 119°51'W

Vancouver, Canada

Oct 27, 1983

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

11,518



LOCATION MAP		
VANCOUVER		BRITISH COLUMBIA
<u>AGIO RESOURCE CORP</u>		
CRUMP PROPERTY		
SCALE 1:12,672,000		
0 ————— 200 Km		
NTS. 82 E 13	DATE MAY, 1982	FIG. No. 1

1" = 250 MILES

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INTRODUCTION

The Crump property is located about 25 kilometers west of Summerland and a few kilometers south of the Brenda copper-molybdenite property in south central British Columbia. Mineralization on the Crump property consists of copper-lead-zinc-silver-gold and magnetite disseminated throughout a northeasterly striking band of carbonatite within amphibolite gneiss. The carbonatite zone appears to dip easterly between 25 and 50 degrees, has a thickness of about 15 meters and has been traced along strike for at least 200 meters.

HISTORY

The first recorded work on the Crump property is believed to have taken place in the 1930's when a short cross-cut was driven into the limonite-stained carbonatite outcrops. This adit is presently lost.

In the 1960's the area was staked for Austro-Can Explorations Ltd. (presently called Agio Resource Corporation) and some trenching and diamond drilling was carried out. In 1969 airborne magnetometer surveying was carried out.

In 1970 geological mapping, geochemical surveying and a ground magnetometer survey was completed. Three diamond drill holes were put down at that time (A-1, B-1 and C-1).

In 1973 an electromagnetic survey was completed outlining a major conductor.

The property was examined by the writer on May 6, 1982 and surface sampling at that time showed interesting values in

copper, silver and gold. This data was included in a report by the writer May 26, 1982.

Between June 23 and June 27, 1982 additional geochemical work was carried out,

Between June 12 and June 18, 1983 diamond drill hole 83-1 was completed to a depth of 62.4 meters. It was logged by the writer on Sept 16, 1983 in Vancouver. The core is stored near Summerland, British Columbia at a small cabin owned by Mr H. Plank, President of Agio Resource Corporation, present owner of the Crump property.

WORK CARRIED OUT

Drill hole 83-1 was located 90 meters N45 degrees E from the southwest corner of the FAP 2 claim (see Figure 3).

Bearing of hole - - - S68 degrees W.

Dip of hole - - - - minus 63 degrees.

Size of core - - - - NQ

Depth of hole - - - - 206' (62.4 meters)

Core log is attached.

The hole encountered amphibolite gneiss with some minor shearing, kaolinization (bleaching) and quartz veins.

ASSESSMENT OF PROPERTY

The intensity of the limonite alteration over the principal carbonatite zone is impressive and the size (200 meters long by 25 meters in width) suggests that significant tonnages of mineralized material may be present.

Samples taken by Mr. G. Delane, P. Eng. for Getty Mines, Ltd in 1972 averaged 0.49% Cu across 7.6 meters on the principal zone.

(or 0.29 %Cu across 16.6 meters)

It is obvious that extensive leaching has taken place and that the deeply-incised easterly -striking Trout Creek valley may have escaped deep glacial scouring. For this reason deep probing electromagnetic surveying and follow-up diamond drilling is warranted and will be required.

COSTS INCURRED

PHYSICAL WORK - By contactor supervised by Mr.H.Plank,
President of Agio Resource Corp. (preparing drill site).

Loader.....	\$1,520.00
Truck.....	256.00
Labour.....	1,680.00
Lodging,food.....	162.00

\$4,038.00

DIAMOND DRILLING (Interior Diamond Drilling Ltd.

206 feet of NQ drilling	4,240.00
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Total.....\$8278.00

QUALIFICATIONS OF AUTHOR-CONSULTANT

I, R.W. Phendler of 7360 DeCourcy Cr, Richmond, B.C. hereby certify that I am a registered member of the Association of Professional Engineers of British Columbia; that I am a graduate of McGill University, Montreal with a Bachelor of Science degree in Geology; that I have practiced my profession as geologist continually for the past 29 years; have no interest in the Crump property nor hold shares of Agio Resource Corp and that I examined the property on May 6, 1982 and logged the core on Sept 16, 1983.



Drill Hole Log

COMPANY Agio Resource Corp

PROPERTY Crump, Summerland, B.C.

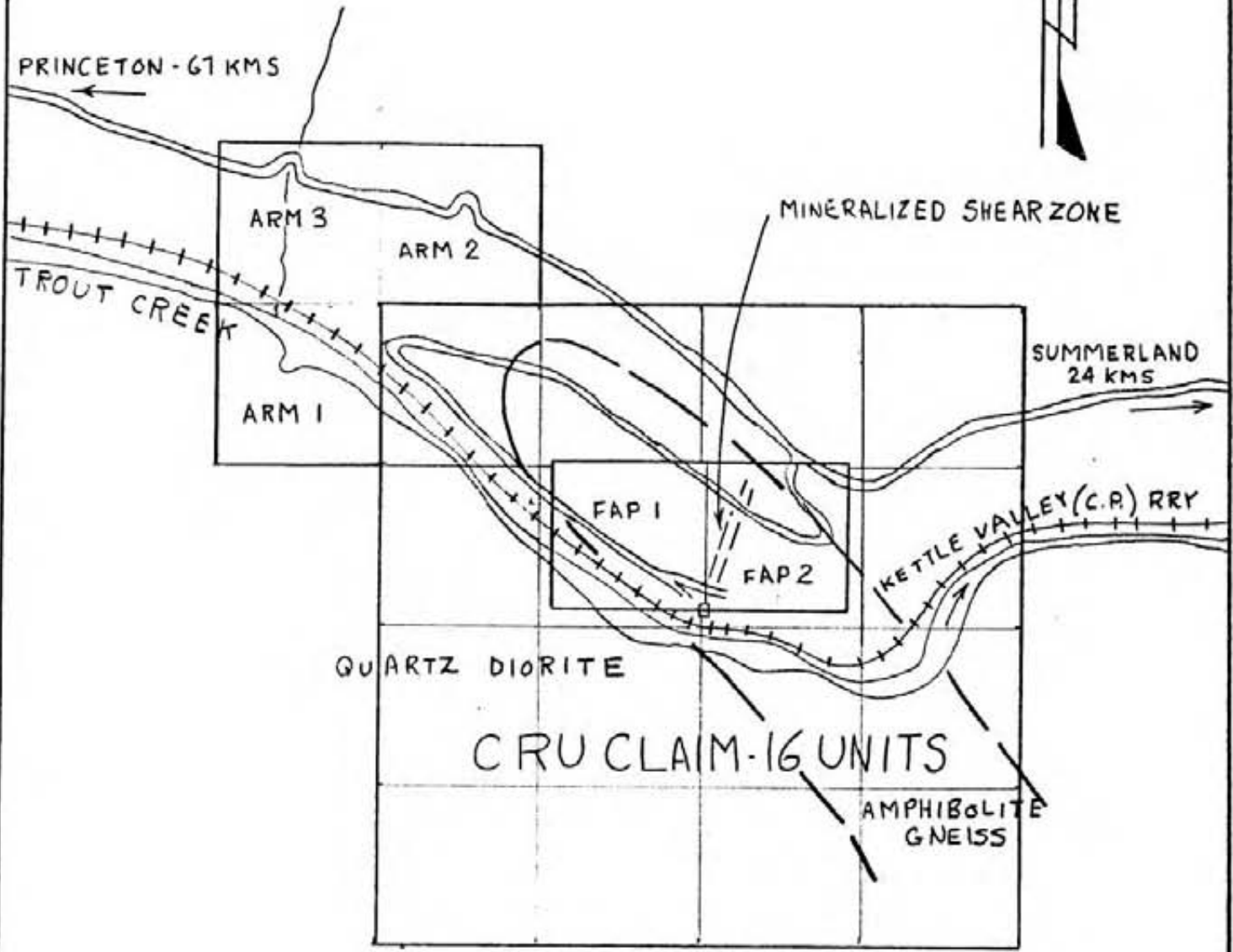
Section No.

HOLE No. 83-1

Started July 12, 1983	Bearing S 68 deg W	Lat.	Collar El. 675 mtrs	Logged by R. Phendler, P. Eng	Date Spt 16, '83
Completed July 18, 1983	Angle from Horizon - 63	Dep.	Bottom, El.	Remarks	NQ
Driller	Length 62.4 mtrs	Location	Level	Recovery	-94%

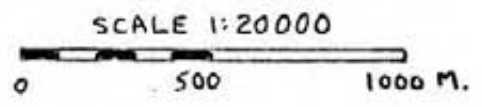
feet		Interval	RECOVERY		DESCRIPTION	Sample No.	From-To	Interval	ASSAY											
From	To			%																
0.0	10.0				Overburden															
10.0	206				Amphibolite gneiss. Dark green, massive, locally oxidized. Poorly banded. From 32.0' to 32.5' a quartz vein at 70 degrees to core. At 38.0' a 2" at 60 degrees. At 57.5' 2" gouge followed by 2.0' pyrite-rich quartz vein. Bleached from 56.5' to 60.0 (complete) - then partial bleaching to 70.0' From 75' to 78' a quartz vein, 10% pyrite. Bleached 75' to 75' and 78-81'. Occasional Quartz vein - 1/4" Weak bleaching (kaolinization). Fractured - 106-122' Massive from 128-147', dark green. Fracture zone 147-154', hematite stained. Quartz veins to 1/4". At 166' a 2' irregular white quartz zone with hematite specks. Massive 154' to 206' with a few quartz veinlets.															
206	-	-	-	-	- END OF HOLE															





AGIO RESOURCE CORP.

CRUMP PROPERTY
OSOYOUS MINING DIV, BRITISH COLUMBIA



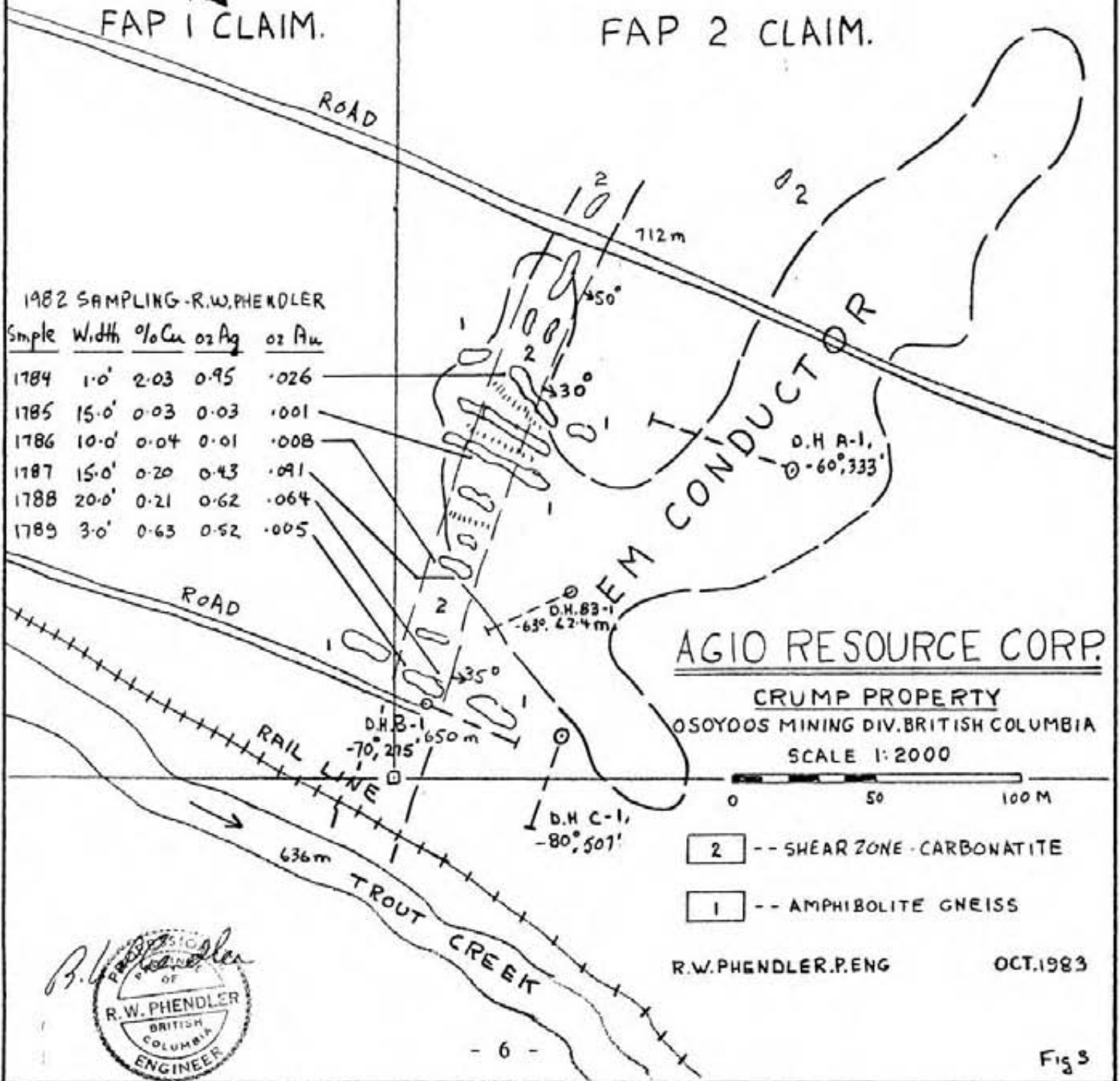
R.W. PHENDLER, P. ENG

OCT. 1983



FAP 1 CLAIM.

FAP 2 CLAIM.

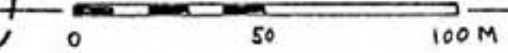


1982 SAMPLING - R.W. PHENDLER

Sample	Width	% Cu	oz Ag	oz Au
1784	1.0'	2.03	0.95	.026
1785	15.0'	0.03	0.03	.001
1786	10.0'	0.04	0.01	.008
1787	15.0'	0.20	0.43	.091
1788	20.0'	0.21	0.62	.064
1789	3.0'	0.63	0.52	.005

AGIO RESOURCE CORP.

CRUMP PROPERTY
OSOYDOS MINING DIV. BRITISH COLUMBIA
SCALE 1:2000



- 2 -- SHEAR ZONE - CARBONATITE
- 1 -- AMPHIBOLITE GNEISS

R.W. PHENDLER, P. ENG

OCT. 1983



Fig 3