528353 520361

PROPERTY EXAMINATION REPORT

THE PANSY GOLD PROJECT

N.T.S. 92B/12W

Latitude 48° 36'N

!

ŧ

Longitude 123° 58'W

for

WELCOME NORTH MINES LTD.

by

G. H. Rayner, P.Eng. January 27, 1981

TABLE OF CONTENTS

	Page
SUMMARY AND CONCLUSIONS	1
INTRODUCTION	1
LOCATION AND ACCESS	2
HISTORY AND PREVIOUS WORK	2
GENERAL GEOLOGY	3
ECONOMIC GEOLOGY	4
RECOMMENDATIONS	5

Appendix I - Assay Sheets

SUMMARY AND CONCLUSIONS

The PANSY GOLD prospect appeared from submitted data to have considerable untested potential for the discovery of gold-bearing zones. Of particular interest was an extensive area of anomalous arsenic geochemistry located some distance away from the old vein-type gold quartz showing.

Examination on the ground by the writer found that the favourable area had in fact been tested. Rock exposures were numerous in bulldozer road cuts and trenches. Evidence of diamond drilling was also noted. There is no record of the results of this work.

Geologically this north west area appears to represent a volcanic exhalite environment. Although sampling of exposures by the writer returned negligible values, the complex has not been exhaustively explored and potential remains to locate something of interest within it.

INTRODUCTION

At the request of Mr. J. S. Brock of Welcome North Mines the prospect was examined on August 31, 1980. The West (Ruby) gold vein area was superficially examined, however, most time was spent on the area of arsenic and copper anomalous values about 700 metres to the north west.

- 1 -

LOCATION AND ACCESS

The property is located on the north side of the San Juan River on Vancouver Island about 50 km W.N.W. of Victoria, B.C. The specific location is 48° 36' North Latitude; 123° 58' West Longitude.

A good logging road passes about 2 km to the south of the area but it is unfortunately on the wrong side of the canyon of the San Juan River.

A cleared area with a helicopter pad is located at the Ruby showing. The writer used helicopter access for the examination.

A bulldozer had been used on the ground some ten years ago and a road connection was built between the Ruby zone and the northwest anomally at that time. The access route to the property used by the bulldozer was not retraced but it may be a route suitable for upgrading for use by four wheel drive vehicles.

HISTORY AND PREVIOUS WORK

The showings have apparently been known and worked since about the time of World War 1. The water-filled shaft on the Ruby (West) vein dates from this period.

- 2 -

The earliest hard data presently available is contained in a report by J. S. Stevenson of the B.C. Dept. of Mines. This report, dated May, 1944 describes the gold antimony veins and several minor tungsten vein showings that were worked on during World War II. He also describes 5 drill holes put down on the Ruby vein at this time. No assays are reported, but the lengths of vein material cut are not encouraging.

Later work on the property is described in reports by T. J. Donaldson and R. D. Phelp. The most recent report (Phelp, 1968) describes geochemical soil survey results including a strong arsenic and modest copper geochemical anomalies in the north west part of the property. It was these anomalies that prompted the present examination.

GENERAL GEOLOGY

The property is mainly underlain by schists of the Leech River Formation. Vancouver Group Volcanics are mapped as occurring on the northernedge of the property. The contact was not seen and is reportedly faulted.

ECONOMIC GEOLOGY

The economic potential of the property centres on two types of deposits. The first type consists of the quartz veins with gold and antimony values.

- 3 -

These carry attractive grades in some places, but, as presently known, do not seem to have much tonnage potential.

The second type of mineralization is expressed in the geochemical data as the large arsenic anomaly in the northwestern portion of the property with some areas of anomalous copper geochemistry nearby. In view of the common association of arsenic and gold, it was hoped that the arsenic anomaly might reflect a permissive gold area of some size.

Phelps (1968) had reported this northwestern area to be underlain by tuffs and volcanic breccia with iron sulphides and some arsenopyrite.

When the property was examined it was found that this favourable area had subsequently been investigated with bulldozer cuts and by at least one diamond drill hole. Rock exposure in the newworkings was quite good but no certain attitudes were noted. Since no grid points were located in the field it is not possible to exactly relate the new workings to the geochemistry, however they appear to correspond quite closely.

The rocks exposed in the newworkings consist of tuffs and volcanic breccia as noted by Phelp. These are generally not highly sheared but do show alteration, particularly of matrix material and the rims of fragments. It seems most likely that they are part of the Vancouver Group volcanic sequence.

- 4 -

In composition they are generally andesitic to dacitic, however one section of road cut exposed rhyolite breccia for a length of about 50 metres. The rhyolite does not carry much sulphide but the surrounding pyroclastics carry from 10 to 25 percent pyrite. No arsenopyrite was noted.

The exposures seen were generally chaotic and probably represent near-vent disposition without orderly bedding. The alteration and sulphides also appear to be derived from a volcanic exhalative source rather than introduced later.

Six samples (3 grabs and 3 random chips) were taken during the examination. None returned values of interest in either precious or base metals.

RECOMMENDATIONS

Although the volcanic breccia area is not encouraging for gold-arsenic deposits the environment seems permissive for volcanogenic massive sulphide mineralization. Further work consisting of geological mapping and perhaps E.M. surveys is probably warranted.

Rayner, P.Eng.

West Vancouver, B.C. January 27, 1981

MIN-EN LABORATORIES LTD. 705 WEST 15TH STREET NORTH VANCOUVER, B.C. Phone: 980-5814 Certificate of Assay

- 2 4 **1980**

TO: _____ Welcome North Mines,

PROJECT No.

1027-470 Granville St.,

DATE _________Sept.22/80.

Vancouver, B.C.

File No. 0-844

SAMPLE No.	Ag	As %	Au			
	oz/ton		oz/ton	Pansy (PW 3A)		
59256B	. 0 2	.01	.002			
57B	.01	.01	.001	Pansy(RW1)		
58B	.02	.01	.001	Pansy (PW 6A		
59B	.01	.02	.001	Pansy (PW1A)		
69260B	. 0 4	.02	.002	Pansy (PW2A)		
	· ·		•			
			0/			
				2/1		
				Funt		

CERTIFIED BY

520361

.

•

ANALYTICAL REPORT by 42.		NORTH VAN TI	NCOUVER, B.C., CANADA V7M ELEPHONE (604) 980-5814	5 1T2	P 2 4 1980
Date of report Sept.22/80. File No. 0-844 Date samples received Sept.16/80. Samples submitted by: Company: Company: Welcome North Mines (IANSY). Report on: Geochem sample 5 Assay sample Copies sent to: 1. 1. Welcome North Mines, Vancouver, B.C. 2. 3. Samples: Sieved to mesh 3 Ground to mesh rejects stored E discarded [rejects stored E vethods of analysis: As.Ag-Acid digestion-chemical analysis. Au-Fire and A.A. Finish.		AN	ALYTICAL REPORT	ld:42.	
File No. 0-844 Date samples received Sept.16/80. Samples submitted by: Samples submitted by: (IANSY). Company: Welcome North Mines (IANSY). Geochem sample Seport on: Geochem sample Sept.16/80. Samples submitted by: Geochem North Mines (IANSY). Geochem sample Samples sent to: 1 Welcome North Mines, Vancouver, B.C. Assay sample Copies sent to: 1 Welcome North Mines, Vancouver, B.C. 2 3 3 Ground to mesh -100 Samples: Sieved to mesh Ground to mesh -100 Prepared samples stored g discarded []	Project		Date of report	Sept.22	/80.
Samples submitted by: Company: Welcome North Mines ((MNSY), Report on: C. RAYNER Geochem sample 5 Assay sample 5 Assay sample Copies sent to: 1 Welcome North Mines, Vancouver, B.C. 2 3. Samples: Sieved to mesh -100 Prepared samples stored I discarded I rejects stored I discarded I vethods of analysis: As.Ag-Acid digestion-chemical analysis. Au-Fire and A.A. Finish.	File No.	0-844	Date samples i	eceived Sept	.16/80.
Company: Welcome North Mines ((MVSY), Report on: G. RAYNER Geochem sample 5 Assay sample Copies sent to: 1 Welcome North Mines, Vancouver, B.C. 2 3 Samples: Sieved to mesh Ground to mesh -100 Prepared samples stored E discarded rejects stored E discarded vethods of analysis: As,Ag-Acid digestion-chemical analysis. Au-Fire and A.A. Finish.	samples submitted by:			<u> </u>	·······
Report on: C. KAYNER Geochem sample 5 Assay sample Copies sent to: 1 Welcome North Mines, Vancouver, B.C. 2 3 3	Company:	Welcome	North Mines ((ANSY).	·····
5 Assay sample Copies sent to: 1 1 Welcome North Mines, Vancouver, B.C. 2 3 3	Report on:	C.RA	IYNER	· · · · · · · · · · · · · · · · · · ·	Geochem samples
2. 3. Samples: Sieved to mesh Ground to mesh -100 Prepared samples stored discarded rejects stored discarded Wethods of analysis: As.Ag-Acid digestion-chemical analysis. Au-Fire and A.A. Finish.	Copies sent to: 1	Welcome No	rth Mines, Vanc	ouver, B.C	•
3. Samples: Sieved to mesh Ground to mesh -100 Prepared samples stored discarded rejects stored discarded Methods of analysis: As.Ag-Acid digestion-chemical analysis. Au-Fire and A.A. Finish.	2				•••••••
Prepared samples stored discarded rejects stored discarded Methods of analysis: As.Ag-Acid digestion-chemical analysis. Au-Fire and A.A. Finish.	3 Samples: Sieved to n	nesh	Ground to mes	- - 100	·····
rejects stored analysis: As.Ag-Acid digestion-chemical analysis. Au-Fire and A.A. Finish.	Prepared samples	stored 📰 dis	carded		
Methods of analysis: As.Ag-Acid digestion-chemical analysis. Au-Fire and A.A. Finish.	rejects	stored 😰 dis	carded		
Au-Fire and A.A. Finish.	Nethods of analysis:	As.Ag-Acid	digestion-ches	nical analy	s is .
	Au-Fir	e and A.A. F	inish.	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
Remarks:	Remarks:		· · · · · · · · · · · · · · · · · · ·	······································	

·· · · ••• · · · ·

Esperanza Expl.

GEOCHEMICAL ANALYSIS DATA SHEET

11.

Fine No. 0-857

DATE: Sept.22

COMPAT	TOP	- 1. O. 1. L	ic hip		0	BEOCHEM	ICAL AN	ALYSIS I	DATA SH	EET		1		Fine No.	0-05	/
PROJECT No.	:						MIN - EN L	aboratories	Ltd.			N. S	1	DATE:	Sept.	2:
ATTENTION:	G. Rayner					705 WEST 151	h ST., NORTI PHONE (é	H VANCOUVE 504) 980-5814	R, B.C. V7M	172	1	reg		1	980.	
Sample,	10 Mo	15	20	25	30 Ni	35	40	45 Fe	50 Ha	55 As	60	65	70	75	80	
Number	ppm	ppm	PD ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb ,				
81 86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	
28201	111	224	1.1.9	2.4			12			1.2		10			1.1.1.1	
1 1 1 0 2	111	1 1 18	20	1.1.1.5			14		IIII		1111	20	1 1		LILL	
		131	2,6				24			1,1			1111		1111	1
28204	1 1 1	1 1 1	1,1,1,5	6			1,1,8	TIT	1111	2	1.1.1.1	5			1111	ĩ
																14
2	1.1.1															d
1111	1 1 1	<u>i Li i</u>					•		1.1.1.1							N
1111	1 1 1	. L. L. I.									1.1.1.1					
											1111					
											1					
11111	1 1 1										1	1111				
	1 1 1		1111			<u> </u>	•				1	. 1 . 1 . 1	1111	1111	1111	
1111	1 1 1		1 1 1 1	-1_1_1_1				0 T I T			1111	1			1 1 1 1	
1111	1 1 1		1 1 1 1	1_1_1	1 1 1 1	1111			1111		1111	1.1.1.1			111	
							•				Lui					
1111	1.1.1.	I I I I		1.1.1.1	1111	1111		1111	1.1.1.1		1.1.1.1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	
	111						•				1					
1111	1 1 1													1.1.1		
	1 1 1						•									
	111						•								1111	
											1					
	111		1.1.1.1	4.1.1.1	1.1.1.1			1.1.4_1	1111		1111			1111		
1111	1 1 1	111			1111	<u> </u>	<u> </u>		1111		1			1111		
											LIII			<u> </u>		
	1 1 1						<u> </u>									
	1 1 1					LLL	1.1.1	TILL	1.1.1.1	i i i i		1.1.1.1				
									1111		LIII	··A	Th		1	
1.1.1.1.	111								1111		1	1/1	and	mul	hill	
	1 1 1							111			lin	1	AU	111/		
					112				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1	P.K.	71 1	AKT]	
										CED	TIFIED BY	A GO	(A)	ON Y		
										See In 1.5	work that he had a second			and the second se		

COMPAN