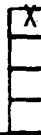


MAP No.

105 N 9  
105 0 12

ASSESSMENT REPORT  
N. M. E. A. P.  
CONFIDENTIAL  
OPEN FILE



MAYO M. D.  
/S.N 134630

TYPE OF  
WORK:

TRENCHING  
MAPPING

REPORT FILED UNDER	DYNASTY EXPLORATIONS LTD.	DOCUMENT NO. 091704
DATE PERFORMED	1974 June 1 <sup>st</sup> - June 30 <sup>th</sup>	DATE FILED: SEPT. 3, 1974
LOCATION - LAT. LONG.	63°40'N	AREA: HESS RIVER
	132°02'W	
CLAIM NO.	PLATA 281-288 Y85186-Y85193	
VALUE \$		
WORK DONE BY	W.J. ROBERTS	
WORK DONE FOR	DYNASTY EXPLORATIONS LTD.	
REMARKS	<p>Silver-lead and gold-silver vein mineralization occur on the Plata claims. Cat trenching was used to expose vein material. Veins occur in compressional fault zones and contain quartz, arsenopyrite and pyrrhotite or siderite, galena and tetrahedrite. There are several showings here and the possibility of an economic deposit is very good</p> <p>#13 INCA 105 012 #2 PLATA 105 N 9</p>	

CAT TRENCHING REPORT

ON THE PLATA GROUP

N.T.S. 105-N-9  
105-O-12

Longitude : 132°02'W  
Latitude : 63°40'N

Work covering the period  
June 1st - June 30th, 1974

By:

W. J. ROBERTS

DYNASTY EXPLORATIONS LIMITED

August, 1974

091704

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- Appendix I - List of Personnel
- Appendix II - Summary of Costs
- Appendix III - Affidavit Supporting Summary of Costs
- Appendix IV - Vouchers Supporting Summary of Costs

LIST OF ILLUSTRATIONS

- Figure 1 - Claim Map - scale 1" =  $\frac{1}{2}$  mile
- Figure 2 - Geology and Development Map - scale 1" = 200 ft.  
(Sheets 1 and 2)

LIST OF CLAIMS

Claim No.

Grant Number

Recorded Date

PLATA 281-288

Y85186-Y85193

September 5, 1973

# DYNASTY EXPLORATIONS LIMITED

330 MARINE BUILDING  
355 BURRARD STREET  
VANCOUVER 1, B.C.

## CAT TRENCHING REPORT ON THE PLATA GROUP

### INTRODUCTION

The Plata mineral claims cover both high-grade silver-lead and lower grade gold-silver vein-type mineralization. Work during previous field seasons stressed geological mapping, soil sampling, geophysical test surveys, aerial photography, hand trenching, diamond drilling and cat trenching. A total of 30 vein zones and showings were examined and evaluated by Cat trenching during the 1973 field season.

Further cat trenching is now being completed over newly defined geochemical anomalies, vein showings and float occurrences, as well as prominent veins discovered during past field seasons.

### LOCATION AND ACCESS

The Plata Group is located in the Bostock Range of Hess Mountains, between the Rogue and Hess Rivers in northeast Yukon. The "main showing or No. 4 Zone" and base camp are located on Greg Creek, a tributary of Fido Creek, at latitude 63°40'N, longitude 132°02'W. This locality lies 50 miles from the Northwest Territories border, 115 miles due east of Mayo, 108 miles N-NE of Faro, 110 miles north and slightly east of Ross River, and 65 air miles northwest of the North Canol Road.



Present access to the base camp is by a combination of fixed-wing wheeled aircraft to the Plata airstrip on Fido Creek, elevation 2800 ft., length 2200 ft., then by helicopter 6 miles due north to the campsite at an elevation of 3700 ft. The tote road between the airstrip and campsite is unusable during the summer months due to its swampy location.

#### REGIONAL GEOLOGY

The Hess Mountains, located in the northern portion of the Selwyn basin, northeast of the Proterozoic Arch, consist largely of a thick pile of Devonian-Mississippian carbonaceous clastic eugeosynclinal-type sedimentary rocks unconformably overlying the Proterozoic grid units. Structurally this area appears to have had a history of northeast-southwest compression, producing northwest trending major lithologic fabrics, major fold axes and thrust faults. Major faults are oriented in a northwest-southeast direction paralleling the Tintina Trench and regional strike; a northeast-southwest orientation, orthogonal to the last set paralleled by a strong joint set and off-setting unit contacts; and a roughly east-west set outlining the thrusting from the south.

Small granitic to granodiorite stocks, occurring along the northeastern portion of the Selwyn Basin, are part of the general intrusive arc of the Mackenzie Mountains extending from the McQueston-Keno Hill District through this region and southeast straddling the Yukon-Northwest Territories border. Quartz-muscovite porphyry or aplite occurs in several localities as dykes and sills but is nowhere mineralized except in the Plata area.

There are three major types of mineralization discovered to date in the Hess Mountain region. Quartz, chalcopyrite, pyrite, molybdenite, veins with minor galena and pyrrhotite occur in

the periphery of the intrusives or immediately outside the pluton in the altered wall rocks. Chalcopyrite, pyrrhotite and scheelite is noted in skarns developed at the contacts of intrusives with limestone units. Quartz arsenopyrite, pyrite, galena, tetrahedrite and scorodite is found in thrusts accompanied by discordant subsidiary veins containing high grade galena-tetrahedrite mineralization.

The latter type of vein mineralization, containing excellent gold and silver values, discovered on the Plata Group appears to have the highest potential for an economic deposit in this remote area.

#### PHYSICAL WORK

A total of approximately 250 cat hours were used building roads and digging trenches on the Plata Group during the month of June. The location of all trenches and connecting roads may be noted on the accompanying one inch equal 200 ft. "Geology and Development Map". Trenching above timberline was hampered by permafrost due to a light snow fall last winter. Trench walls are commonly covered by slide material from above talus a few days after trenches are established. Trenching in Devonian-Mississippian black shale and chert progressed much quicker due to extreme jointing and fracturing.

A large lead-silver soil geochemical anomaly covered by trench numbers 70, 71 and 72 remains unexplained. Massive galena float material found in the trenches definitely does not come from Showing No. 28 which is largely a quartz vein with blebs of galena and pyrite.

The anomaly covered by Trench No. 73 originates further up slope since this area is covered by vast blocks of talus.

Further trenching in Trench No. 39 has not exposed a vein as yet but large blocks of galena-tetrahedrite float are still being uncovered.

Progress in Trench No. 74 is slow due to permafrost. A 1 to 4 foot wide high-grade silver-lead gouge zone grading 121 ounces silver per ton and 23 percent lead was discovered in the southern end of the trench.

CONCLUSIONS AND RECOMMENDATIONS

Cat trenching has proved to be an effective method for locating and outlining near surface vein zones. Frozen overburden and fault gouge makes trenching and road building very dangerous and tedious.

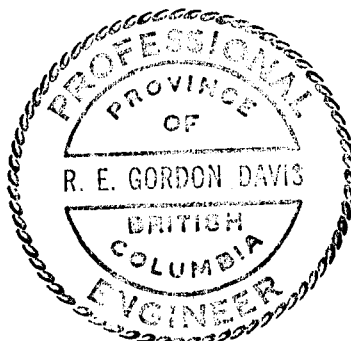
No new significant veins were discovered during the June trenching program. Further trenching is definitely warranted in Trench Nos. 74 and 39.

The Plata group has excellent possibilities for economic silver-lead mineralization. Further trenching is necessary to outline surface exposures in vein zones.

Respectfully submitted,

Wayne J. Roberts,

August 26th, 1974.



A handwritten signature in cursive script, appearing to read "Wayne J. Roberts", written in black ink.

LIST OF PERSONNEL

W. J. Roberts	Geologist	Coquitlam, B.C.
T. Freebairn	Assistant	Kamloops, B.C.
P. Ayres	Assistant	Surrey, B.C.

Contractor

Renton Management	Cat owner and operator	Vancouver, B.C.
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Appendix II

SUMMARY OF COSTS  
PLATA GROUP

(June 1, 1974 to June 30, 1974)

	<u>Expenses</u>	<u>Total</u>
Trenching	<u>4,315.00</u>	\$4,315.00
District Expense (Est. 5%)		<u>215.75</u>
		\$4,530.75
Administration - 10%		<u>453.08</u>
TOTAL		<u>\$4,983.83</u>

# DYNASTY EXPLORATIONS LIMITED

330 MARINE BUILDING  
355 BURRARD STREET  
VANCOUVER 1, B.C.

## AFFIDAVIT SUPPORTING SUMMARY OF COSTS

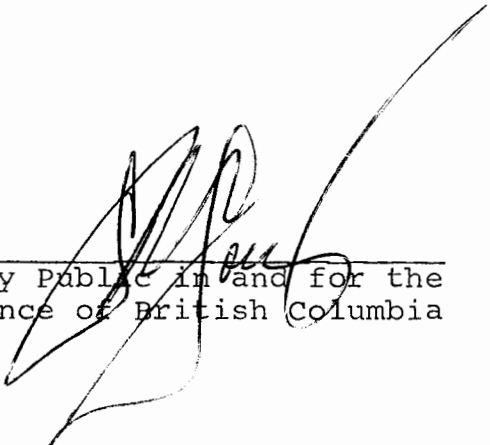
I, CLIFFORD A. MALISH, Accountant, Dynasty Explorations Limited, of Vancouver, British Columbia, do hereby state that, to the best of my knowledge and belief, the statement of costs presented in this report (Cat Trenching Report on the Plata Group) is both correct and true.

*Clifford A. Malish*

Clifford A. Malish

*Sept 3, 1974*

Date

  
Notary Public in and for the  
Province of British Columbia

**RENTON MANAGEMENT LTD.**  
 609 - 850 W. Hastings St., Vancouver, B.C. V6E 2K3 (604) 683-6865

RECEIVED  
 APPENDIX IV

July 9, 1974.

Dynasty Explorations Ltd.,  
 330 - 355 Burrard St.,  
 Vancouver 1, B. C.

Statement for Cat work on Plata Project for June 1974.

Standby - 3 days @ 50.00 per day -----	\$ 150.00	151-9	
Total Tractor time - 254 hrs @ 35.00 -----	8,890.00	151-9	416.50
Balance from last statement -----	744.00	151-10	472.50
<b>TOTAL DUE</b>	<b>9,784.00</b>		

We think that 24.00 per day for Frenchie's living allowance for the month of May is pretty damn cheap, when you consider that he's got to sit around waiting on your project. As a matter of fact you should also be paying him a salary for the waiting time, after all he is the top cat operator in the business and you know it.

*R.G. Dours*

ACCOUNT	AMOUNT
151-10	4725 00
151-09	4315 00
<b>TOTAL</b>	<b>9040 00</b>

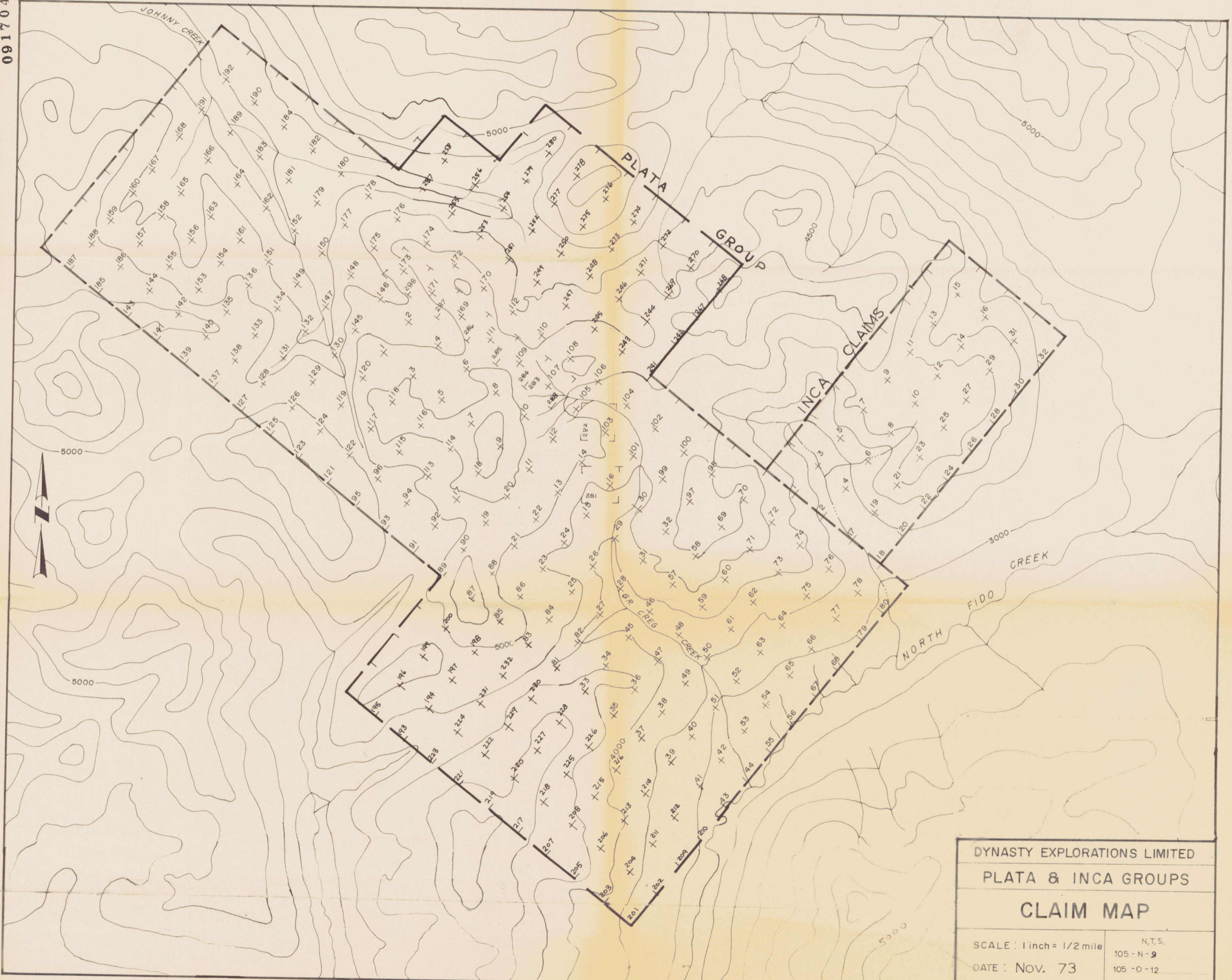
*CR* *MA* *(P)*

**PAID**

# CAT HOURS

(June)

Date	Hours	Cumulative	Cumulative Trenching	Cumulative road building	Standby	Breakdown
Previous Total		180		180		
June 1		} 5/6		}	✓	
2					✓	
3					✓	
4	2	182				
5	5	187				
6	10	197				
7	10	207				PAID
8	10	217				
9	10	227				
10	13	240				
11	10	250				
12	10	260				
13	10	270		270		
14	10	280	10			
15	10	290	20			
16	10	300	30			
17	9	309	39			
18	10	319	49			
19	10	329		280		
20	4	333		284		
21	9.5	342.5		293.5		
22	10	352.5	59			
23	10	362.5	69			
24	10	372.5	79			
25	10	382.5	89			
26	12.5	395		306		
27	9	404		315	135	
28	10	414	99		119	
29	10	424	109		250	
30	10	434	119			
31						



DYNASTY EXPLORATIONS LIMITED	
PLATA & INCA GROUPS	
<b>CLAIM MAP</b>	
SCALE: 1 inch = 1/2 mile	N.T.S.
DATE: NOV. 73	105-N-9
	105-O-12



