

ATLAS EXPLORATIONS LIMITED

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

July 10th, 1970

OWL GROUP EXPLORATION
June 1 - June 30, 1970

General

A three man crew spent the period June 5th 11th on the Owl Group. Soil lines of 750 ft. line spacing were established over the areas of interest as indicated by the 1969 sampling. Approximately 250 samples were taken. Detailed prospecting was carried out in the claim group area.

Geology

Outcrop is abundant only in the southeast part of the claim group. The area is underlain by grey to black interbedded chart, quartzite, and limestone. Faulting in the area appears to be complex. At the north boundary of the outcrop area, approximately 15 steeply dipping, parallel, cross-cutting, sulfide mineralized veins have been discovered. The maximum width of these veins is 1 ft. The main sulfide minerals in the veins are sphalerite, galena, arsenopyrite, chalcopyrite and pyrite.

A quartzite unit in this area contains minor disseminated arsenopyrite and chalcopyrite. None of the mineralization found to date has any apparent economic significance.

Assay Results

	<u>Gold</u>	<u>Silver</u>	<u>Lead</u>	<u>Zinc</u>	<u>Copper</u>
9712	Tr	.06			.03
9713		17.52	11.4	.12	.32
9714		.92	Tr	20.2	.25
9715	.01	7.68	4.0		

Geochemistry

The soil sample results have outlined a number of highly anomalous lead and zinc zones to the north and east of the known mineralization. The anomaly directly downslope from the mineralization may be the result of downslope migration. The best geochemical anomalies, however, are at the extreme northern boundary of the group, and are separated from the known mineralization by a drainage. This anomaly is open to the N.E.

Because of the favourable geochemical results, an additional 44 adjacent claims were staked to the north and east of the original claims.

Under the direction of M. E. Coates, a number of regional reconnaissance soil sample lines were established in the area, along the regional strike. Silt sampling was also carried out in

all drainages in the immediate area.

No results are yet available from any of the above soil
and silt sampling.

Respectfully submitted,

T. J. Adamson

X CA

PROPOSED EXPLORATION

OWL GROUP

JULY-AUGUST, 1970

By:

J. S. BROCK

ATLAS EXPLORATIONS LIMITED

BUDGET

JUNE

I 124 Owl Group

02 - Prospecting

- 1 salaries & wages 350.00
- 4 assays 25.00

Total Prospecting 375.00

05 - Linecutting

- 1 salaries and wages 400.00
3 field expenses 25.00

Total Linecutting 425.00

08 - Geochemistry

- 1 salaries & wages 400.00
3 field expenses 50.00
- 4 assays (400 samples @ \$2.00) 800.00

Total Geochemistry 1,250.00

21 - Camp Operations

2 Groceries 300.00
- 3 other supplies 50.00

Total Camp Operations 350.00

22 - Freight & Transportation

3 Helicopter
(6 return trips Magundy-Owl
@ 80 miles/trip = approx.
8 hours @ \$140/hour 1,120.00

Total Freight & Transportation 1,120.00

45 - Administration (10%) 600.00

41 - Expediting 100.00

TOTAL OWL GROUP JUNE

4,220.00

PROPOSED EXPLORATION - OWL GROUP

Based on recent outlining of a soils geochemical anomaly coincident in Pb, Zn and Cu, further exploration of the Owl Claims is proposed.

PHASE I (July 20-August 12) 23 days

- establish camp
- move in crew - Party Chief
 - Field Assistant
 - 2 linecutters-soil samplers
 - 1 cook
- cut line and establish survey grid
 - 30 line miles
- soil sample grid at 200 ft. stations
 - 800 samples
- magnetometer and EM survey of grid

Budget (Phase I)

Line cutting - 30 line miles @\$75/line mile	\$ 2,250
Soil Sampling, collection and analysis for 3 elements, 800 samples @\$7/sample	5,600
Magnetometer Survey 30 line miles @ \$60/line mile	1,800
EM Survey 20 line miles @\$100/line mile	2,000
Transportation: 4 hrs. helicopter support every 6 days = 16 hrs. @ \$120/hr.	2,000
Camp Costs: 115 man-days @ \$10/man/day	<u>1,150</u>
TOTAL	\$14,800

PHASE II (August 18-August 26)

- Gravity Survey - 20 line miles @ \$360/line mile	\$ 7,200
- Camp Costs - 40 man days	400
- Transportation	<u>800</u>
TOTAL	\$ 8,400

PHASE III (August 30-October 15)

- Diamond Drilling 3000 ft. @ \$10/ft. overall	\$ 48,000
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TOTAL MINERAL EXPENDITURE PHASE I, II, III	\$ <u>71,200</u>
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ATLAS EXPLORATIONS LIMITED

DESCRIPTION:

YEAR TO DATE EXPENDITURES

PROJECT NUMBER: 124

BUDGET

NAME: OWL

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
09 DIAMOND DRILLING												
-1 Salaries & Wages												
-2 Contract Payments												
-3 Field Expenses												
-4 Assays												
-5 Camp Operation												
-6 Freight & Transprt												
10 PHYSICAL WORK												
-1 Salaries & Wages												
-2 Contract Payments												
-3 Field Expenses												
-4 Assays												
-5 Camp Operation												
-6 Freight & Transprt												
11 ACCESS ROADS												
-1 Salaries & Wages												
-2 Contract Payments												
-3 Field Expenses												
-4 Assays												
-5 Camp Operation												
-6 Freight & Transprt												
21 CAMP OPERATIONS *												
-1 Salaries & Wages												
-2 Groceries												
-3 Other Supplies		69	69	147	214	285						
		69	69	147	214	344						
22 FREIGHT & TRANSPRTN *												
-1 Supplies to/from field						34						
-2 Trspn. to/from field						4						
-3 Fld.Tsptn.-Helicopter						1 405						
-4 Fld.Tsptn.-Fixed Wing												
-5 Fld.Tsptn.-Bombardier												
-6 Fld. Tsptn.-Truck												
						1 443						

*Note These Accounts Are Allocated to the Preceding Accounts as -5 and -6 Respectively

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DESCRIPTION:

YEAR TO DATE EXPENDITURES

PROJECT NUMBER: 124

BUDGET

NAME: OWL

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
05 LINECUTTING												
-1 Salaries & Wages												
-2 Contract Payments												
-3 Field Expenses												
-4 Assays												
-5 Camp Operation												
-6 Freight & Transprtn												
06 GEOLOGY												
-1 Salaries & Wages	14	28	28	28	28	28						
-2 Contract Payments												
-3 Field Expenses												
-4 Assays												
-5 Camp Operation		69	69	147	214	18						
-6 Freight & Transprtn						41						
	14	97	97	175	242	87						
07 GEOPHYSICS												
-1 Salaries & Wages												
-2 Contract Payments												
-3 Field Expenses												
-4 Assays												
-5 Camp Operation												
-6 Freight & Transprtn												
08 GEOCHEMISTRY												
-1 Salaries & Wages						357						
-2 Contract Payments												
-3 Field Expenses												
-4 Assays	52	52	52	52	52	703						
-5 Camp Operation						217						
-6 Freight & Transprtn						498						
	52	52	52	52	52	1 775						

DESCRIPTION:

YEAR TO DATE EXPENDITURES

PROJECT NUMBER: 124

BUDGET

NAME: OWL

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
01 PROPERTY EXAMINATION												
-1 Salaries & Wages												
-2 Contract Payments												
-3 Field Expenses												
-4 Assays												
-5 Camp Operation												
-6 Freight & Transprtn												
02 PROSPECTING												
-1 Salaries & Wages						356						
-2 Contract Payments												
-3 Field Expenses												
-4 Assays												
-5 Camp Operation						235						
-6 Freight & Transprtn						539						
						1 130						
03 STAKING												
-1 Salaries & Wages						241						
-2 Contract Payments												
-3 Field Expenses												
-4 Assays												
-5 Camp Operation						159						
-6 Freight & Transprtn						365						
						765						
04 AIRBORN SURVEYS												
-1 Salaries & Wages												
-2 Contract Payments												
-3 Field Expenses												
-4 Assays												
-5 Camp Operation												
-6 Freight & Transprtn												

JSB

MARG PSE SHOW GORDON THSI MESSAGEMTOM

NIDDERY LAKE 5 PARTIAL DRUMS OF BEACH PLUS GROCERY BOXES SCATTERED
AROUND

DUO LAKE NEAR EARN LAKE 200 DRUMS ONLY SOME OF WHICH MARKED ATLAS

BIG KALZAS LAKE COATES CAMP GARBAGE AND DRUMS LEFT ONS HORE MEAN SHOB

JAKE LAKE GAS DRUMS GARBAGE AND MESSY TENT FRAMES

ALL CAMPS MUST HAVE TENT FRAMES STIPPED ON CANVAS AND POLY
ALL GARBAGE TO BE BURNED THEN BURIED ALL FUEL DRUMS TO BE PUT
BACK OFF LAKE IN BUSH SO THAT FUEL WILL NOT SEEP INTO
WATERWAYS

POSSIBLE AIRCRAFT CAN BE CHARTERED FOR ONE DAY TO CIRCULATE THRU
THESE CAMPS AND CLEAN UP

~~DWL~~

NOT YET REC GRAVITY BUT RESULTS IN MAIL TODAY

CONFIRMED ORIG ANOMALIES

ANOMALY ON 20 WEST GOES FROM LINE 28 WEST TO LY XX TO 16 WEST
NORTH SOUTH DIMENSIONS AS SHOWN ON YOUR MAP

ANOMALY ON LINE 20 EAST GOES FROM 4 EAST TO 28 EAST AND
IS OF SAME NORTH SOUTH DIMENSIONS AS ON YOUR MAP

NO OTHER ANOMALIES SHOWED UP FROM RECENT SURVEY

AL CARLOS STAKED RECENTLY IN TWO PETER AREA WAYNE HAS
SOME INTERESTING RESULTS BACK THIS MUST BE PROTECTED SAP

HOPE U CAN COME UP WEDNESDAY MURRAY SMITH SET FOR
THURSDAY LOOK SEE

JSB

ATLAS EX WHSE



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