

105-K-7

Report on Vangorda Creek Properties
KIM EXPLORATIONS LTD. (N.P.L.)
Whitehorse Mining Division
Yukon Territory

ALRAE EXPLORATION LTD.

January 18, 1968

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INTRODUCTION

Mid-West Mines Limited and Ventures Mining Ltd. jointly hold three claim groups in the Vangorda Creek area of Whitehorse Mining Division, Yukon. The claims were staked as a result of interest created in the area by the discoveries of Dynasty Explorations and Vangorda Mines. Some work has been carried out on each of the groups, and this report deals with the results of that work as well as outlining proposals for future exploration.

CLAIMS

The claims covered in this report are as follows:

RAE group	RAE 1 - 23	Record Nos.	94956 - 94978 inclusive
OK group	OK 1 - 8	" "	94980 - 94987 "
	OK 25 - 32	" "	95004 - 95011 "
	OK 55 - 64	" "	95026 - 95035 "
JO group	JO 1 - 16	" "	95036 - 95051 "
	JO 17 - 24	" "	95456 - 95463 "
	JO 25 - 30	" "	95052 - 95057 "
	JO 31 - 37	" "	Y10535 - Y10541 "

LOCATION AND ACCESS

The claims are all in the vicinity of the Pelley River, about 50 miles north-west of the town of Ross River, 175 miles north-east of Whitehorse, Y. T. Access is by a 200 mile gravel road from Watson Lake to Ross River and from there by a gravel road to a camp established on the RAE group. The RAE group is about six miles from the Vangorda airstrip which is suitable for small aircraft. The OK group can be reached by a 15 mile four-wheel drive road from the RAE camp, and the JO group is accessible by a recently

completed four mile road from the Faro road of Anvil Mining Corporation.

PREVIOUS WORK

A brief summary of the completed work on each of the groups follows:

RAE Group:

\$54,295.00 has been spent to-date on 26.5 line-miles of magnetometer, geochemical and electromagnetic surveys.

OK Group:

27.5 line-miles of line-cutting and magnetometer surveying has been completed on the group for a total cost of \$7,068.00.

JO Group:

Total expenditures of \$41,516.00 to the end of 1967 resulted from a program of line-cutting, magnetic, electromagnetic, and geochemical surveys over 40 line-miles, as well as initial work on a four-mile road from the Faro road of Anvil Mining Corporation. The road was completed in 1968, and a drilling program is presently being initiated on the property. Due to delays caused by a late winter expenditures have been higher than anticipated.

GEOLOGY

On each of the claim groups rock exposures are extremely scarce but, where present, the outcrops reveal the general geological picture indicated by Map 13 - 1961, Tay River, by the Geological Survey of Canada. Mississippian volcanic and metamorphic rocks underlie most of the area with Mid-Cretaceous intrusions of granite, granodiorite and diorite being common in the northern

part. In the northwest corner of the JO group a medium-grained quartz monzonite outcrop is found. The rocks exposed do not present enough evidence to determine structural features but, in general, the properties are within the area of influence of the Tintina Fault.

RECOMMENDATIONS

Proposed programs are not included for the RAE and OK groups although further work is required on each of the groups. A report dated September 27, 1967, contains outlines for work on those groups.

On the JO group the proximity of the Faro deposit and the good correlation of magnetic, electromagnetic and geochemical anomalies make this group of prime importance. A program consisting of 4,000 feet of diamond drilling is being started on the group to test anomalies in the northern part.

COST ESTIMATES

Estimates have been revised since the drilling was first proposed in September, 1967, and are listed below:

4,000 feet of diamond drilling @ \$15/ft.	\$60,000
Engineering and supervision	3,000
Reports, maps etc.	500
Bulldozer road work, etc.	2,000
Transportation	1,000
Contingencies	<u>5,000</u>
Total:	<u>\$71,500</u>

Respectfully submitted,

D. L. McKelvie, P. Eng.

January 18, 1968

FLAGSTONE (LEE CLAIMS)



DYNASTY (FARO CLAIMS)

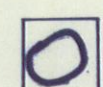

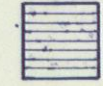

MIDWEST MINES LTD. & VENTURES MINING LTD.

DYNASTY AREA - JO GROUP

Magnetic & Geochemical Anomalies

Scale: 1" = 500'

LEGEND

-  Magnetic Anomalies above 2100 G
-  PPM Lead Anomalies above 40
-  PPM Zinc Anomalies above 150
-  PPM Copper Anomalies above 60