

019457

To

R. E. Thurmond

Date

January 15, 1975


From

J. G. Simpson

File
Subject > King Solomon Dome - Pb, Zn, Ag Prospect, Y. T.

I enclose a summary of available data on the above property. As it stands neither Davis nor myself can see much merit in getting involved in the property on the basis of the vein deposits. Ace Parker was not available for comment on his reasons for suggesting a large sulphide source body, and it may be no more than the usual promoters "ore at depth", statement with not too much thought behind it. As there does not appear to be any geophysical or drill data on which to qualify his supposition we would hardly be justified in making a site unseen deal.

Of general interest is the fact that the vein deposits occur in sericitic and chloritic phyllites of the Klondike Schist group which are somewhat similar to the Anvil phyllites and are situated immediately southwest of the Tintina trench. Using one of the better substantiated guesses at the amount of lateral transposition that has occurred along the Tintina, this would bring King Solomon Dome and the Faro district into juxtaposition. The Solomon Dome rocks may well have originated as volcanic tuffs and exhalite sulphide deposits would be a legitimate target in such rocks. The suggestion is that we might well spend a little looking time in the general area of those rocks south of Dawson, sometime in the coming field season, and could include an examination of the subject property at that time, without making any further commitment.



J. G. Simpson

JGS:JF

c. c. R. E. G. Davis

Enc.

CYPRUS

RECEIVED JAN 14 1975

LON D. CARTWRIGHT
GEOLOGIST
OIL, GAS, AND GEOTHERMAL ENERGY

14552 DEERVILLE PLACE
SHERMAN OAKS, CALIFORNIA 91301
(818) 784-0574

January 10, 1975

Mr. James G. Hansen
Senior Vice President
Cyprus Mines Corporation
555 South Flower Street
Los Angeles, California 90017

PET		REPLY	<input checked="" type="checkbox"/>
		COMMENT	
RETURN TO			
JAN 14 1975			
1	W. H.	5	
2	W. H.	6	
3		7	
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Re: Silver-Lead-Zinc Prospect, King Solomon Dome,
Yukon Territory, Canada

Dear Jim:

The JCBK Group, of which I am a member, has acquired an option on 1963 acres of Canadian Mining Claims, largely covering a Silver-Lead-Zinc prospect in the Yukon Territory, Canada, situated some seventeen miles southeast of Dawson City.

The prospect is discussed in a report dated October 1, 1970, prepared by Ace R. Parker & Assoc., Mining Engineers of Whitehorse.

In the late 1960s, Orekon Ltd., a small private company of Grants Pass, Oregon and owner of the claims, had considerable bulldozer trenching done in an area of interest to them on the King Solomon Dome. The work exposed some ten quartz veins in a zone 2000 feet wide and several thousand feet long. Orekon, Ltd. sampled the claims and had assay work done on the samples.

Parker's report describes the veins which are mineralized, and sets out assay reports of significant silver and lead values. He cites individual samples from the veins that assay, in ounces of silver per ton: 161.6, 271.7, 323.92, and one 2-pound sample that yielded 1706.9 ounces per ton. Such values were undoubtedly selected for comment to attract attention and they do just that. Parker postulates the existence of a large ore body of silver-rich sulphides below the levels exposed by the trenching and cites evidence supporting his belief.

We think that Cyprus for various reasons would be a logical party to explore and, hopefully, develop this prospect. Mr. Bayliss, Mr. Kusler and I would like to talk about this with you. I will call you in about a week to set up a date for a meeting if that is satisfactory to you.

Sincerely,

L. D. Cartwright
LON D. CARTWRIGHT

LDc:s

REVISED 1974

Property Name: Common

MITCHELL

Other

Location: Lat. 63°53'

Long. 138°57'

NTS

115 0/15

Metals: Major Gold, silver lead

Minor Zinc, copper

Type of Mineral Deposit: Vein

* History and Previous Work: Staked as BANNER, etc cl (4575) in Aug, 1900 by A. Wild
 * , who explored with shallow trenches. Starting in Aug/02, it was gradually restaked
 * and consolidated into a 27 claim property-BELFAST, etc(6025) by Mrs. Margaret Mitchell.
 * In 1911, development consisted of a 50 ft drift from the bottom of an 84 ft
 * shaft, and numerous trenches and shallow shafts. In 1912, the property was
 * optioned to A.E. Garvey.

Restaked as Agnes, etc cl (57739) in July/52
 by G. Murdock and G. Shaw and optioned in 1953 by Yukon Cons. Gold Corp L,
 which cleaned out the shaft and resampled the workings. Restaked as
 Alpha cl (79137) in Aug/62 by C. Henderson, R. Burkhard and M. Stutter,
 and later as King Solomon, etc cl (86975) in Aug/65 by Orekon Syndicate,
 which conducted extensive bulldozer trenching 1966-1972 exploring
 for new veins and sampling the old veins.

Description:

The main vein, which was traced for 2200 ft., varies from 2 to 6 ft. in width and contains minor amounts of galena and pyrite, with gold values in the sulfide rich sections. MacLean collected 34 samples and all those consisting of unmineralized quartz assayed trace in gold and silver. Traces of fine free gold were seen in a few samples. Three samples containing abundant galena and pyrite averaged 0.64 oz/ton Au and 0.1 oz/ton Ag. Yukon Cons. found considerable bornite in a 32 ft. section of the shaft, from which assays varied from 5-25% Cu with about 20 oz/ton Ag. Orekon Syndicate located several very small but rich sulfide pockets in the main vein and located several parallel veins. Orekon shipped 0.9 tons to the Tacoma Smelter in 1966 which assayed 305 oz/ton Ag, 23.5% Pb and 2.9% Cu, and 4.1 tons to the Shelby Smelter in 1969 which assayed 136.5 oz/ton Ag, 26.3% Pb, 0.7% Zn, 0.4% Cu and 0.04 oz/ton Au. Seventeen grab samples of sulfides by various geologists gave an arithmetic average of 290.0 oz/ton Ag, 34.2 % Pb, 2.3% Zn, 2.9% Cu and 0.2 oz/ton Au. These pockets are separated by hundred of feet of completely barren vein. They contain pyrite, galena, sphalerite, chalcopyrite, tetrahedrite and arsenopyrite. Cathro sampled pyritic schist from the walls of the vein near the shaft in 1970 and obtained assays of 0.12 to 1.4 oz/ton Au. Apparently unpyritized schist and quartz assays 0.02-0.04 oz/ton Au.

References:

Sum. Rep. 1911, p.38

"Lode Mining in Yukon" by T.A. MacLean, Mines Branch Pub.222, 1914 pp 107-111

A

1/2)

EDITION 1

Dawson 5 m

Dawson 13 m

Dawson 24 m

15'

9

139°00'

0

45'

2

3

