

TO: J. G. Simpson
FROM: D. S. Jennings
DATE: May 19, 1979
RE: Property Submittals

BEVELEY PROPERTY - SUZIE MINING EXPLORATION

Contacts: Mr. Corby Stanley
Mr. Don Bragg
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Our referral was Mr. Ralph Kirk of Kirk Mailing Service.

As we discussed, the crux of the Beveley property is this: - "IS THIS PROPERTY A CARIBOON DEFORMED MISSISSIPPI VALLEY-TYPE DEPOSIT IN THE INGENIKA CARBONATE SEQUENCE OF HADRYNIAN TO DEVONIAN AGE?"

My knowledge of the area is tenuous at best and gleaned only from inspection of available literature, which is fairly perfunctory.

The points in favour of a Mississippi Valley-type scene for this property are as follows: (DSJ - you mentioned only point "1" on the tape - am not sure exactly where "2", "3" and so on are)

1. A host of properties known for many years associated with the Ingenika carbonates, inclusive of childhood dream Warren, Davies, Beveley, etc., etc., etc. Most of these deposits, specifically the Beveley, appear to be stratabound and hosted by the Ingenika carbonates. The mineralization at Beveley is hosted by a dolomite breccia and, in these senses, is similar to Mississippi Valley-type occurrences. Inspection of the available reconnaissance mapping on the property, done by Mr. Craig Leitch, strongly suggests and emphasizes the stratabound nature of the mineralization while, in detail,

the hand specimens emphasize the discordant, non-stratiform features of the deposit.

On the negative side of the ledger, the lead to zinc ratio is somewhere in the area of 3:1; the pyrite content of the deposit is sometimes 5 - 10% by volume; the large amount of reported barite in the samples; the high silver values, tend to militate against a Mississippi Valley-type deposit. Not being an expert on these things, that is about the best summary I can give on the property as it is currently conceived.

I attach a resume of data available on the property provided by Suzie Mining Exploration and my precis (es) of some of these pieces of work, including Smitheringale's principal report on the geology of the property, which I submit is the best of all the available references. The next best would be LeFebure's thesis, which is adequately summarized for our purposes in the attached summary. I think the property is enough of a fence sitter that we ought to investigate it on the ground, particularly in light of the property being a deformed Mississippi Valley-type deposit. I would strongly suggest, by virtue of Wayne's proximity to the property, that he undertake the examination, if this can be arranged. Also, Wayne has had some first hand experience looking at textural relationships in undeformed Mississippi Valley-type deposits and would be as good a fellow as any from our ranks to conclude the examination. Toward this end, I have committed Cyprus Anvil to a property examination as of the 16th of May. Perhaps you could co-ordinate that examination from your end, Glenn.

The only other possibility that I can see for this property is that it is an epigenetic breccia fault system - hosted lead-silver-zinc deposit and, as such, would be considerably less attractive than a Mississippi Valley possibility. Still, you can't get away from the fact that there is a lot of mineralization shown on the property and it seems to have a lot of moderate tonnage potential. Some tonnage estimates at this point have been given, most of which are totally meaningless. The fellow who spent most of the

time on the property, Don Bragg, estimates a total tonnage of somewhere in the order of in excess of 10,000,000 tons of 2 - 2½% combined lead/zinc, with 1 - 2 oz. silver, something in the order optimistically of \$25 - \$30 rock. This isn't very encouraging in my mind and this is why I continue to stress if this is a fault zone and breccia complex related epigenetic deposit, it is probably of little or no interest; however, if it is a deformed Mississippi Valley-type deposit, we might want to move on it, pending Wayne's investigation. As I further indicated at lunch, Suzie is probably desperate enough to deal on the property as they are running out of money.

ALBERT CANYON, McDOUGAL AND INCOMAPPELUX CLAIM GROUP PACKAGE - KODIAK RESOURCES

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These properties were brought to us originally by Mirko and DeQuadros. They are in the Revelstoke area. We have previously discussed them at some length and have both agreed that we should approach Metallgesellschaft about a potential joint venture because of the overlap of this area into the Cottonbelt regional program of last year. I have pursued this tact with Mirko and they are in substantial agreement. The technical data on the property is appended to this memo.

We are currently at the point of having right of first field examination on the property. I again have committed us to a property exam and have seen Mirko recently in person to confirm that we are still interested.

In summary, the property is an old Canada Tungsten - Union Carbide tungsten property in a Lardeau - Badshot limestone roof pendant in a Jura-Cretaceous granodioritic intrusion. It has been explored in the early 1970's by Canada Tungsten and Union Carbide for tungsten only. No drilling was done.