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EL PASO NATURAL GAS COMPANY

Mining Prospects in British Columbia and Alaska

Notes taken from conversation with D.B. Thurman - August 28, 1972

British Columbia, Canada

1. HERB CLAIMS; Pb, Ag; 20 claims at Kassiar in northern British Columbia; \$127,000 exploration expense includes geochemistry, geophysics and 21 drill holes; high grade lead-silver veins 5 to 15 feet wide have been encountered.
2. CROY CLAIMS; Cu; 21 claims at Aiken Lake in north central B.C.; \$77,000 will be spent this year; 8 shallow drill holes totalling 3000 feet have encountered 2 to 10 foot intersections of 1 to 12% copper and induced polarization suggests greater potential at depth; 3 more holes are to be drilled to depth of 1000 feet this summer.
3. MISTY; Cu; 33 claims in Duckling Creek area adjacent to Kennecott's Laramie Creek property which is reported to contain 30 million tons of ore; geology and geochemistry looks encouraging.
4. TREAT CREEK; Cu; 67 claims on Jarvis Inlet 70 miles north of Vancouver; similar to Britannia Beach Mine; three shallow core holes with evidence of mineralization.

Alaska

1. WHISTLE PIG; Pb, Zn, Cu, Ag; 296 claims plus 4 patented claims known as Ground Hog Basin claims reportedly contained 300,000 tons at 10% Pb, Zn located 20 miles east of Wrangell; \$150,000 spent, many shows of mineralization, 11 drill holes but no economic mineralization; Humble spent 1/2 million here.
2. SAN JUAN BAUTISTA; Cu, Mo; 60 claims on Prince of Wales Island west of Craig, Alaska; geologic work and good geochemical and geophysical anomalies; 7 drill holes up to 500 feet deep contain .02 to 1% copper.

3. PECOS; Pb, Ag, Cu; 6 claims in Hyder Mining district near Granduc.
4. TEXAS CREEK; Pb, Ag, Cu; 32 claims near Pecos with self potential and electro magnetic anomalies.
5. HETTA LAKE; Cu?; 53 claims on Prince of Wales Island with high geochemical value.
6. COPPER MOUNTAIN; Cu; 20 patented claims on Prince of Wales Island; USGS reports on this area; geology and geochemistry in progress.

J.K. Jones

JKJ:td
Aug. 28, 1972

Emerald Isle

1.5 million tons @ 1% Cu
in production 19-
750 T.P.D.

Now operating

400 tons remaining reserves

metallurgical problems - 70% recovery
68-75%

Collier Chemical

\$20.55

ton. delivered

Contract expires
in December.

41 employees

6.16

Processing

2.70

sulfur + cans

1.80

labor

1.65

Original

Purchase Price

\$200,000⁰⁰

Original Investment EPNG
Plant, Buildings, Investment

\$1,250,000⁰⁰

Mine Dev.

1,200,000⁰⁰

October 1967 started operation

Good Grade Contract

Smelter Contract

ASARCO - Hayden expires Aug. 13, 1973

Return with opinion in
8-10 days.

El Paso N.G. - B.C. Canada

① Herb Claims - 20 claims

Cassiar expire 1978 Pb. Ag
→ 1990

\$120,000⁰⁰ on strong geochem.
on 18th hole. 3 more to go
veins 5' wide high grade

② Croy Claims - Cu. Aiken Lake
N. Central B.C. 21 claims 1990

1972 - \$77,000 ⁰⁰

8 holes - 3,000 feet

2-10' intercepts $2\% +$

porphyry ?

I.P. more encouragement at greater dept
3 - 1,000' holes

③ Misty

Cu - Duckling Creek

near Kennecott Laramie

30 million - $6\% Cu$

33 claims

Geology - Geochem

7 trenches - encouraging

④ Treat Creek, 700 miles N.
of Vancouver, deep water

67 claims 1975

environment similar to

Brit. Beach

3 shallow X ray holes \therefore dig deeper

Seeking joint ventures

partners Louisiana Land

Husky dropped out.