

Table Mtn.
888404

→ Erickson Gold
~ Nov. 1/80

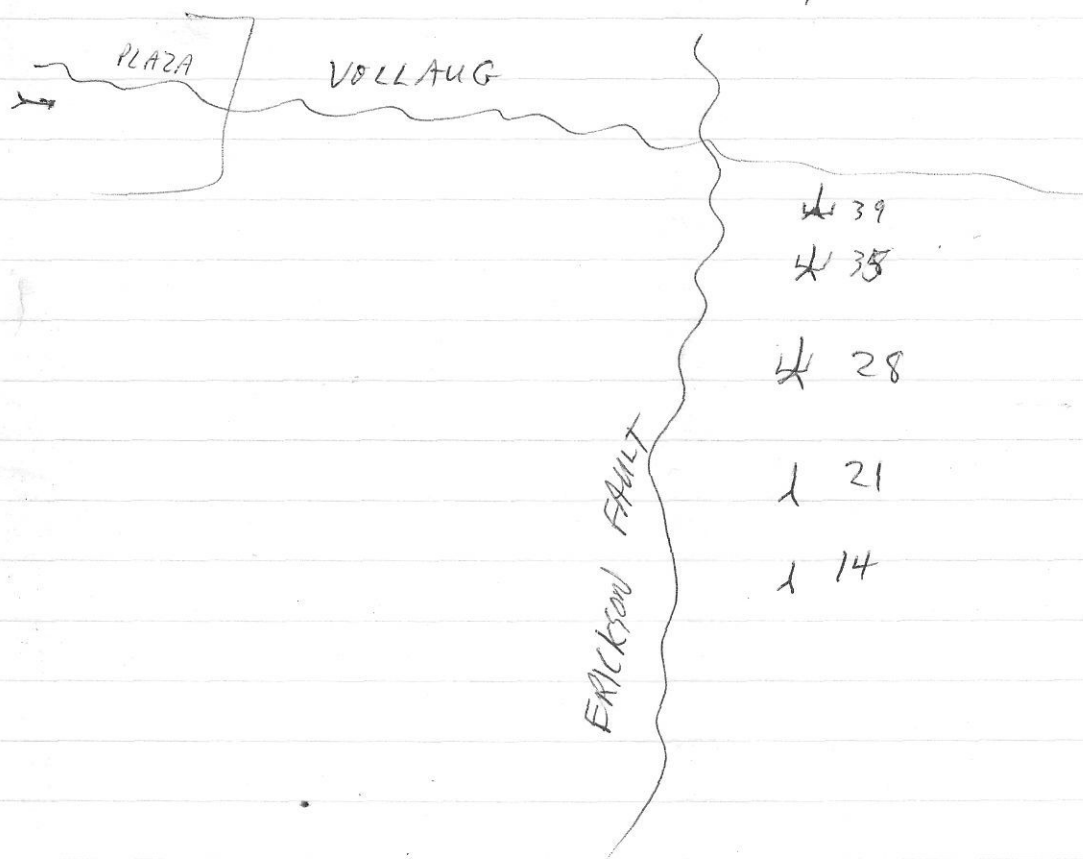
Talk with Andre Panteleyev re- Cassiar Gold District

- "Classic Archean setting"
- Paleozoic age
- Min. "sweated out of volcanics (Sylvester Gp.) plus in faults.
- incl. interlava seds. (argillites on Table Mtn.) and chert.
- simple mineralogy = native Au, tetrahedrite, pyrite
- alteration envelopes of gtz-carb-fuchsite.
ie. 'syngenetic'

ERICKSON GOLD

- talk with Al Beaton, Mine Manager

Sat. June 16/84
(Surface Mine Rescue)



- Mill up over 300 tpd
- > 100 people working
- Mined from Vollang 'Vein' - using old (1979) adit
- New adit (39) looking good
- also excited over placer gold
- option of Mt. Skukum property - see separate report

VP - Mining

Nov. 5/84

Art Fisher - ERICKSON GOLD

to date - operated for 6 yrs. (since 1978)

~130,000 oz produced from 300,000 tons ore
100 people

\$15 annual cash flow

1980 ~~\$150,000~~
sale \$900,000

costs \$400,000

∴ \$1/2 million/month profit.

1984

Ore Reserve 180,000 tons @ .4 g/t Au
operate at 300 tpd.

→ 50,000 tons of ore stockpiled from
surface (Vollaug) in 1984

→ MAURA VEIN 60,000 tons of better than .3 g/t Au

50% of Au recovered from jig table
- other 50% from flotation

SKUKUM ~200,000 tons @ .7 g/t Au

est. profit of \$2 million/yr.

- mill will be ~5 miles from prop. (in valley)

Ore - low in sulphides ∴ require cyanide

→ High grade con to Germany
Flotation con to Trail

Tails @ .02 (i.e. 96% of Au)

Now 93% recovery

Mar. '85

ERICKSON GOLD MINE

On March 7th Gary White and I visited the Erickson Gold Mine and talked with Mine Manager, Al Beaton and Mine Foreman, Frank Kollar. In January all employees at Erickson took a 15% cut in wages and 20 employees were laid off. Approximately 60 people are still employed with 300 tons per day being milled on a 24 hour, 7 days a week basis. Underground mining during the winter has been from the Cailen Vein (near surface), as well as ore stockpile left over from the summer's surface mining program. Unfortunately, the grade of ore has dropped significantly and the mill is currently producing an average grade of 0.3 oz/t (10.25 grams/tonne) gold. Some higher grade material was encountered in a short decline driven below the 21 Level.

In early March work was resumed on the 14 Level adit which still has 1000 feet (305 metres) to be completed to intersect the projected down-dip extension of mineralization. At a minimum cost of \$200/ft. the Company will require a minimum of \$200,000 to complete this ambitious program. Do they have the funds? Apparently, all their leased vehicles were taken away from them in early March. Al Beaton estimates they may have 4 weeks of reserves left (not counting the 14 Level drive). If this is the case, Erickson appears to be in trouble. Nevertheless, the employees at Erickson are dedicated, good workers and if there's still a chance to save the mine from shutting down, they will try their best.

Possibly now is the time for a major investor or investors to enter the scene. Erickson has accumulated approximately 100 square miles (260 sq. km.) in the Cassiar area over the past year - much of which requires good sound exploration programs. The environment for gold (\pm silver) deposits similar to the Erickson Gold Mine is very good. Three mills are currently located in the area (Erickson, Taurus and ex-Plaza).

As a consequence of hard times at the Erickson Gold Mine, Erickson's Mt. Skukum gold property, located in the Wheaton River area just north of the B.C.-Yukon border, was shut down on December 15th after completing a 2100 foot (640 metre) cross cut into the first ore zone. If financing isn't secured by Erickson, this project may be inactive this summer - a real shame!

(5)

ERICKSON CREEK

Location: 7½ miles SE Cassiar

History: Silv. Std., Cominco, Nu. Energy ^{85 ddh} 630 ft x-cut ^{120 ft. drift}

Geology: - Ribbon qtz. vein with argillite partings in veins, & seds. of sylverite gp. (U. Dev. L. Miss.)

- Jennie vein in fault zone over 420 ft long & 400 ft. down dip & av. 8 ft. wide. Strikes W 20°S to W 30°N i.e. curving fissures

Mineralization: - free Au visible & 'bonanza' ore

- oreshoot av. width 4.3 ft.

- voids & vugs but scanty metallics.

- pyrite & arsenopyrite

Reserves: 25-30,000 tons & open.

av. grade over 4.3 ft = 1.55 g/ton Au & 1.48 g/ton Ag.

Possible Value (@ 30,000 tons) = $\left[\begin{array}{l} 6,720,000 \text{ Au} \\ 202,500 \text{ Ag} \end{array} \right]$

= \$7 million.

4 oreshoots with \$250/ton.

NM - Nov. 27/77

→ oreshoot - unstated length - av. 1.55 g Au & 1.48 g Ag over 4.3 ft.

Jennie vein continue over length of 420 ft.

- \$300,000 spent to June 30/77

- another \$200,000 planned.

GAC-SEX
Oct. 88

PM

ERICKSON GOLD - Alex Barrowski

Oct. 17/88

150 Ma on sericite (Sketchley)

cf. new date of 126 Ma on jade from Casser pit.

- dextral motion of faults (cf. Erickson Ck. fault)
 - min. in Paleozoic rx. (meta-bst + argillite)
below Triassic thrust plane
(mesothermal, dilatation, steep & shallow dipping veins)
 - Listwanite = dumping site for S plus Au?
Carbonate alt. from ~~font~~ outwards from gtz. vein
vein/siderite → ankerite → calcite
 - later stage dolomite colliform veining (cf. McNamee vein)
 - steeply dipping veins in shear zones
± dykes in shear zone
 - footwall brecciation adj. to veins
- CUSAC - only 1 listwanite layer so far
Eileen (ore shoot within 30 m)
argillite → listwanite → gtz. vein

Vollang - flat lying ~ 2.7 km long (preserved by dextral fault
preserving argillite cover)

- listwanite between argillite (top) + bst (below)
- sinistral shear motion along vein boundaries

Jewellyn Fault - Mitch M. → restricted to ~~east~~ ^{west} of Fault
 (Nisling Terrane) metam grade greenschist → amphibolite
 1200 to 1150 Ma - ~~is~~ (Windermere age (signature) ??)
 → Yukon Crystalline Terrane
 - esp. biotite-schist units (+ rock into Yukon) question?!?
 - fault motion pre-dated mid-Jurassic.
 → episodic motion
 - basin bounding fault for Whitehorse trough?
 → no 'economic' data presented

ATLIN AREA - Lefebvre → ~ 61523402. wrong!
 19, 139, 618 grams Au (placer) what years?
 3327 grams Au (lode)

West Lear (Homestake) - new disc. near Imperial Mine
 (no assn. with ultramafics i.e. qtz veins in rocks)
 Qtz veins (± min.) appear to be younger than fmn. of listwanite

3020