

TRAFER Meeting

Fri. May 9/86
Surf Inlet
888327

Tel - 'prospective' - soon (internal)

- Possible
gov't
pass?
(MOA):
- Harbour site study
 - the rd. ($1\frac{1}{2}$ km)
 - environmental studies to start
 - prelim. 4/6

Surf Inlet - Whonnock road?

SURF INLET

July 18/86

- Joe Harkat

- tentative age date - whole rock shear zone
with carbonate + sericite

→ 80 Ma - a minimum age

- ^{sericite} may have been reset

- need more samples for age-dating!

Confirmed (July 28/86) - 80.1 ± 2.8 Ma

SURF INLET

Apr. 2/86

- Murray McLaren telephoned
- ~ \$70,000 spent to date assembling data incl. trip to Toronto to photography (copy?) original maps from Matachewan Gold Mines (inactive)
- Joint proposal forthcoming from Trader Res. + Whonnock Industries (Logging) regarding devel. of mineral + timber resources respectively.
- Looking at 3 stages
 - i) re-devel. of hydro dam (Cougar Lk.)
 - still in good shape - est. \$1m to upgrade
 - ii) establish road access (plus one bridge) from old dock to minesite - est. cost ~ \$1 million
- hope to apply under Forestry Act, Section 88 whereby cost to be offset by future stumpage offsets (Trader to pay cost first + later re-imbursed)
- Wealth of data - Trader estimates \$10/tonne operating cost

SURF INLET

Jan. 22/85

SURF-85-1 **A** Pyrite (20%) in foliated - boudinaged quartz gangue.

SURF-85-2 **A** Pyrite (90%) + tr. cpy in quartz gangue

SURF-85-3 **A** Pyrite (50%) + tr. cpy in gtz. - Tr. black sulfide

SURF-85-4 **A** foliated pyrite (20%) - gtz.

SURF-85-5 **A** Pyrite (15%) + tr. cpy in gtz.

SURF-85-6 **A** Pyrite (40%) + gtz.

Mon. Dec. 3/84

NWMA-Spokane

SURF INLET

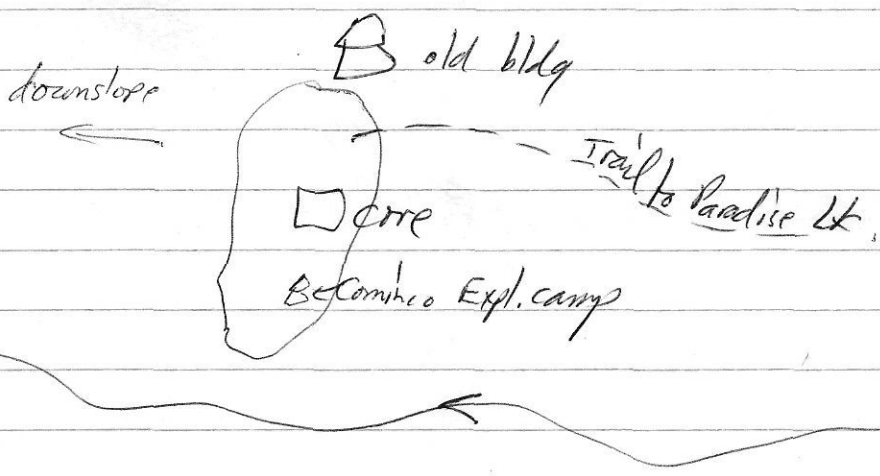
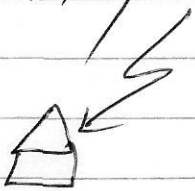
- Art Freeze

- Access up to both Pugsley & Surf Inlet
Pugsley - near river

Surf - above 'top' dump (near base of cliff)

- workings are in good shape & can see things well

- old engineering bldg still there!



- Art would have like a few deep holes to test continuity.

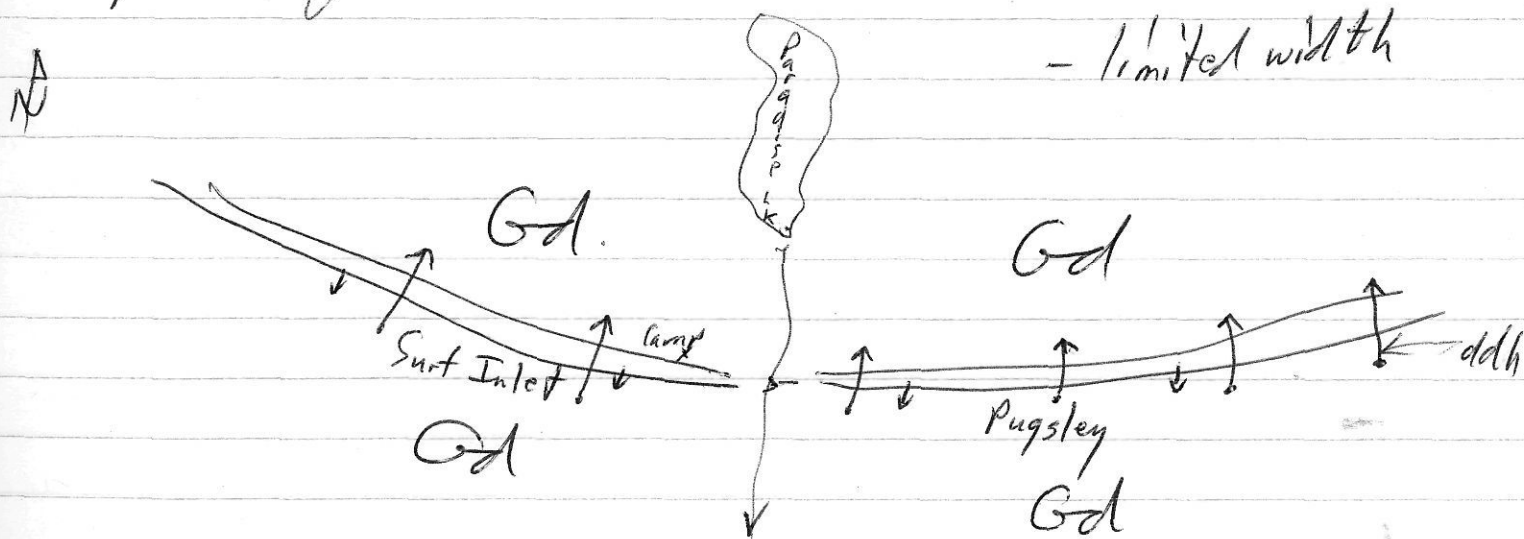
COMINCO - Tues. Nov. 3/81

- Surf Inlet Mine - cut chopper pad at old camp.
- Art ~~Frissen~~ Freeze

- option agreement (50-50) - Cominco + Placer
with Matatchewan Consolidated
(to spend ~ \$800,000 by 1984)
- spent ~ \$250,000 in 1981

- 10 ddh in 5000 ft.

Shear zone with 1 strong vein & couple of narrower ones



~60,000 tons in Pugsley (reserves)

- Au in pyrite (as telluride - calverite)

- no MoS₂, little cpy

- strong chlorite, ankerite alt'n.

→ "very expensive" small high-grade potential

SURF INLET

AR # 9904

81-2

102.6 to 127 m. - shear zone

119-120

116

124 m - alt'n + min. , incl. crse py.

123-124

81-3

67-90 m

81-4

110 - 131 m

81-5

44-53 m

81-7

58 - 73 m (esp. 60.1 - ~~61.5~~)

81-8

82.7 - 83.1 = 10% py. + cpy

Northern Miner - 1981

May 28th

Cominco & Placer

optioned Surf Inlet

(now called Western Surf gold group)

→ to drill in 1981!

Option: To pay expl. costs of \$800,000 by Dec. 31/84 to earn a 40% interest.

→ Matachewan Cons. Mines carries 15% net proceeds

→ plus an advanced royalty.

(2)

SURF INLET (+ Pugsley Gp.)

Location: 130 km SE of Prince Rupert

History: Expl. & Devel. - 1900; 300 ton mill - 1917. Prod. to 1942
1946 - work + then suspended. Undergrd. devel. = 50,000 ft + 67,000 ft ddh

Age: Tertiary?

Geology: - Shear zone cutting gtz. d'io Coast Bath.
- Mass of chlorite schist.

- on surface - 2 veins of pyritized gtz. 100 to 160 ft. apart - veins dip 40° to 60° W & come together at depth of 550 ft. to form single vein 40 ft wide in places
- max. length of veins = 1000 ft.
- Qtz & ankerite - gangue.

Mineralization: Auriferous pyrite composes up to 25% of vein material.

- also native Ag, cpy, hem, MoS₂.

Production: (1902-43) 1,012,067 tons incl. 388,881 oz Au

Reserves: (1961) 47,250 tons prob. + possible

Pugsley mining grading 0.35 to 0.45 g / ton Au.

Today's Value @ \$160 Au } ≡ \$66.9 million.
\$4.50 Ag }
\$.60 Cu }

@ \$500 g Au
~ \$200 million produced

62.2 m Au
905.5 th Ag
3.7 m Cu

HECATE GOLD

Location: 70 miles South of Prince Rupert

History: optioned from Falconbridge (Bob Showing) - Falc. - 1963 →

Age: ?

Geology: Near contact of Qtz. Monz-Gol and marble-calcilite
+ in bands of hbl'd-bio schist + gtz-bio-schist

Mineralization: 21 surface samples av. 0.9 g Au + 4.8 g Ag. 22 ddh
av. 2.14 g Au + 3.06 g Ag. over 1 metre. 1 ddh = 23 ft. = 4g Au

Objectives: To establish between 200,000 + 500,000 tons of log Au
- Decline 2000 ft. from portal at a depth of 250 to 300 ft. below surface by March 85