

830238

January 15 1987

conversation with Art Clendennan, Kerr-Addison
re history of ABO. The vein on the RN claim
was discovered by tracing the source of a
gold-bearing quartz boulder found in the
bottom of a gravel pit which was operating
in the early 70's. It is not an old prospect
from earlier gold rush days.

Sheila

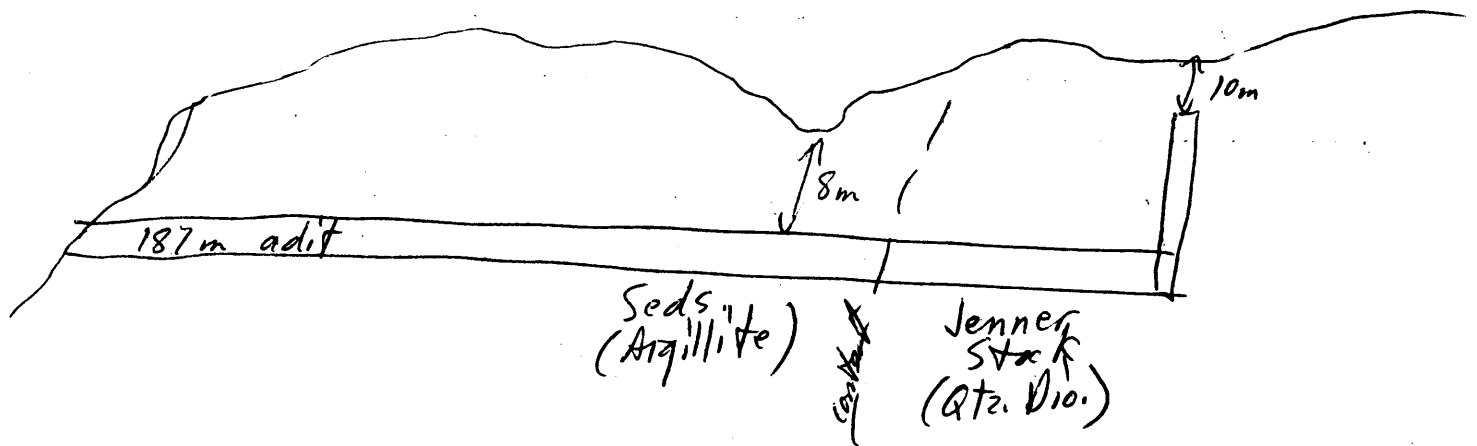
ABO Property

Aug. 26/86

- talk with Art Clendenan / Ray Dujardin in Kerr Addison office

Proposed adit at elev. 187m to drive easterly for ~ 105 m + then drift ~ for a total of 260 m (incl. 80m of raising) on 3 drill holes) to below surface ~ 10m

Looking northerly



- contacts of stocks do not have extensive hornfelsing (only very localized narrow zones).
- Mineralization is stockwork with veins, veinlets + sheeted veinlets.
- Abo Oil drilled anomaly on basis of 100 ppb Au soil contour.
- Tellurides identified - Bi-Au

(over)

1986 WORK TO DATE

15 holes totalling 1971 metres (6465 ft.)

- 12 in Jenner Stock

- 3 in Portal Stock (OOH 39 to 53)

- Good consistent assays incl.
OOH 86-52 84m of 3.32 g/t (0.097 oz/t)

- Used NDB core

Metallurgy - several types (incl. float, jig, bulk + vein) - best gave head of 3.88 g/t (.113 oz/t) of 97% recovery

Other Elements - essentially none!! - not even Ag.
→ almost all native gold.
- no other geochem. anomalies.

Potential: Other stocks to east + south with similar soil geochem. stry.
- need to be drill tested
(possible FAME program)

RIV MINE (~~1973-81~~) - Qtz. vein in Portal Stock.
(1973-81)

- stock(s) dip steeply to east (into hillside)

→ stocks lie in ^{major} Harrison Lt. fault zone. (N-S).

ABO - Kerr Addison

Aug. 22/86

- Art Clendenan - (lower back (disc) problem)
- completed large drilling program (≈ 0.5 m) this year.
- Next Phase - 4/6 bulk sampling - adit & couple of raises (est. \$400,000 program) - either this Fall or next year.

Confidential 'Reserves': 3-5 million tons @ 0.1 g/t Au
Ore = \$5 to \$8/ton rock
Milling Rate: up to 1000 tpd

Site Geologist: Tor Bruland
(Overseer - Art Clendenan)

GEOLOGY: Altered (high silica) intrusive with native gold in quartz veinlets (stock work).
- recovery of Au by flotation $\approx 97\%$
- " " " " jig $\approx 50\%$ to 60%
 \therefore use cyanide for 'total' recovery

- logging of core in detail
- all core (between NRQ & HQ = NDB?) assayed (no splits)

Potential - other targets of similar geology on prop.

Access: By paved rd. - locked gates (Kerr) - $\approx 1\frac{1}{2}$ hr. from office

June 23/86

HARRISON - Rhyolite Res.

now - 150,000 @ .10 oz/ft Au / open-pit table / 50-ft drill centres / flat-lying
need 300,000 1:1 strip ratio

- bismuth (+Te)

- V.G. -

Qtz Dio - qtz. shear

cf. Kerr Addison
→ "Doctors Point"

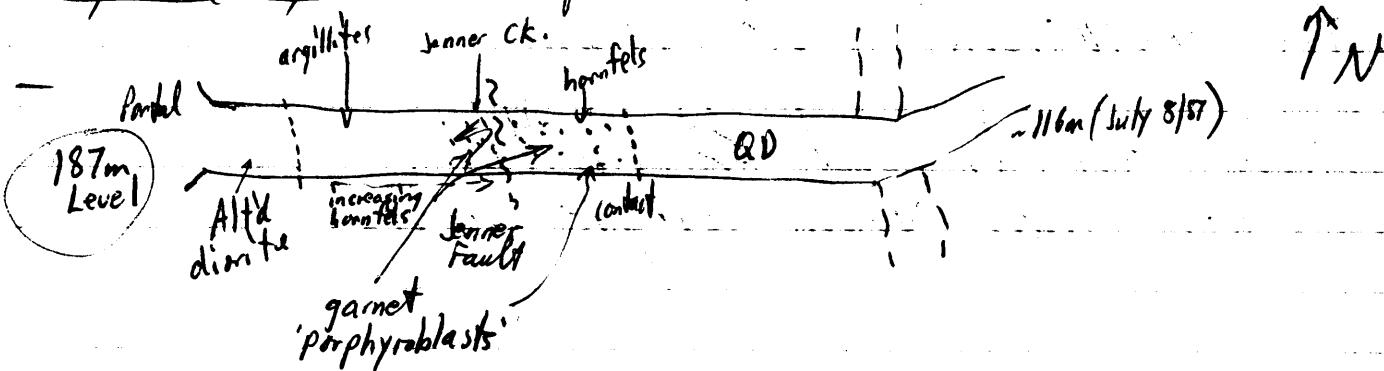
camp rd. - km 50 - west side
Weaver ck. fish hatchery

→ no financing yet ∴ don't consider!

ABO visit

July 8/87

- took Cathy Lund with me
 - Tor Brufand & Mike Gray - geologists on site.
 - portal in ~ 116m - plus short (5m) x-cuts to east, north, & south
 - beginning raises in north & south 'ends'
- Quartz veining appears to have sub-horizontal preference
- Larger quartz veins (to 4") are obvious but there are many micro veinlets which also carry gold (VG) in the diorite.



- VG is visible macroscopically
- Qtz veins are banded - mainly pyrrhotite with minor cpy. VG also appears to be locally banded (i.e. syn-pyrrhotite (cpy) precip.?)
- Host diorite also has abundant (>10%) disseminated pyrrhotite. Any dissem. v.g.?
- Gangue is mainly qtz. - rare calcite
- Plan is to drill u/g + complete raises [OVER]

- pilot mill (\approx 2 ton/hr or 25 tpd) expected any day to be set up over by KENT prison (ie. must truck rock from portal \approx 7 miles to pilot mill).
 - will use both jig + flotation
- Diorite appears amazingly 'fresh' - inverted cone shape.
- Good photos of 'tension' gashes filled with po.
- mafic 'inclusions' of drö-gabbro.
- 'Aplitic' dykelets cut ~~the~~ diorite
ie. more than single phase?

GP