

KERR

Nov. 24/98

- chat with Don Barker (Amer. Bullion → RedChrd)
- 'Int'l Skyline Gold Cop. - looking at buying Kerr deposit from Placer. (i.e. part of Branson Slope 'mega' picture)

KERR

Apr. 22/99

- * chat with Rob Pease
- Not (yet) for sale - i.e. need to do some further reclamation (incl. ARD) before putting in 'pkg.' with Sul. Gold.
- * → Rob (RD) 'likes' this project.

SW-

June 7/00

12 yr hiatus
 VP, Denis Courtois
 - "promise provided a
 high-risk environment."
 Cdn - 6M oz Au

Kerr-Sulphurets Gold

Oct. 10/02
Oct. 11/02

- chat with Robin Adair & "JD" (Noranda-Land
RA is now "Mr. Nickel" with Noranda

→ Long discussion re - 'Environmental' issue

ie. committed to 'cleaning up' the site
next yr. (by Sept 30/03) out a
FIRM (as agreed by Noranda Senior Mgt.)
cost of \$250,000 (ie. no more!)

→ Only if Noranda accomplishes this (it's
ok'd by the Gov't, of course, - will it
proceed with the option
(ie. Seabridge's current bond (which was
transferred from Placer).

⇒ Noranda really likes the NORTH
portion of the property (ie. Mitchell, Iron Cap, etc.)

Next yr. ('03) → reclamation - plus 'basic'
(grassroots) exploration → fan staging area near Eskey Cr.

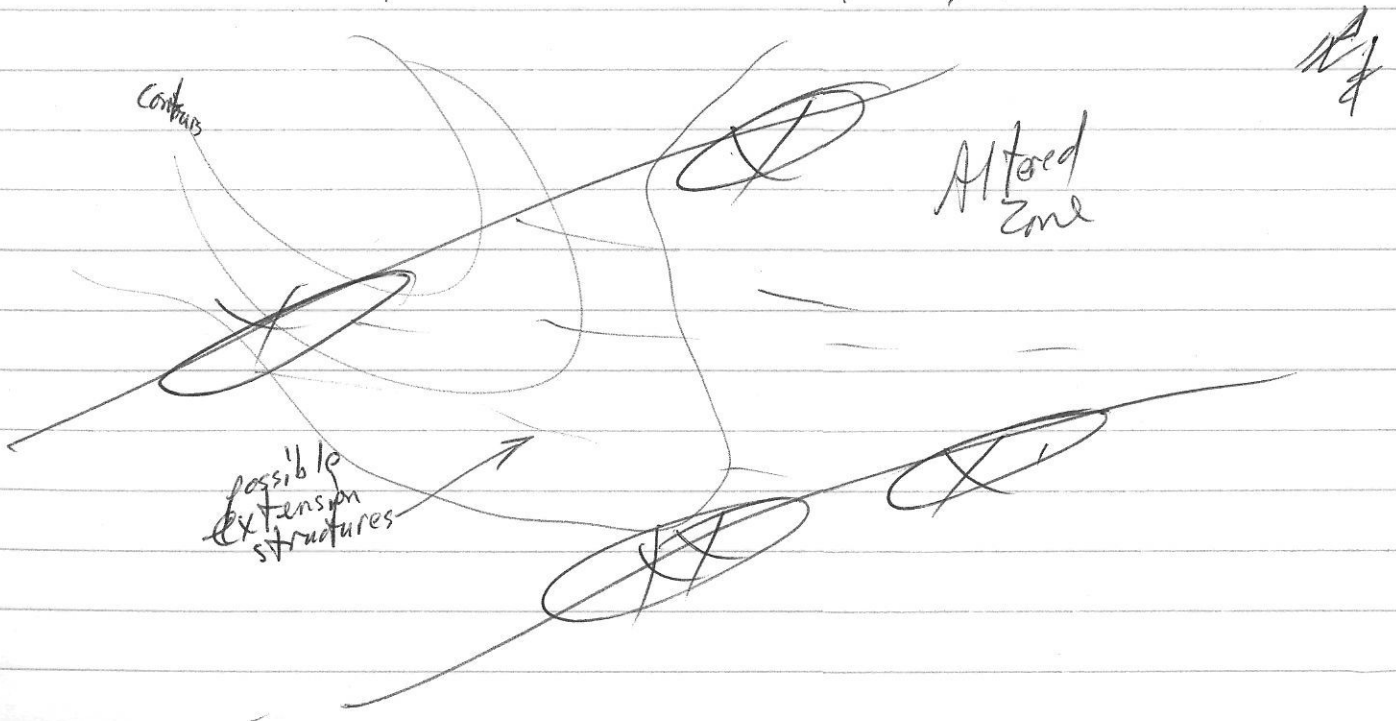
- Some minor concern over cross-border (US-Canada) - ie. Unif.

- Happy with First Nations (ie. Tahltan)

KERR

May 7/87

- John Kowalchuk / Bob Hewton
- similar environment to sulphurets with northerly trending zone (+ schistosity) & Qtz-sericite dfn.
- Note! David Peterson thinks Brucejack zone is near centre of fumarole (by abundance of carbonate (calcite)).
- prob. Kerr is similar to Snowfields zone (ie. large low grade @ .08 off)
- poor continuity of project in past is that yrs. work should bring everything together.
- good soil geochem Au/Ag/As/Pb



Dec. 7/89
NWMA

- good slides
(for poster)

KERR

KERR — B-Zone Cu/Au Deposit "TRANSITIONAL"

- Butterworth

(top of porphyry system)

Reserves: 126 m tons .61% Cu .008 gpt Au .05 gpt Ag

- incl. diorite, syenodiorite or fsp por intr. rx.

3k long x 500-600 m wide → Alteration (qtz-ser-py) zone

- post-mineral (late stage) plag-phenox intr.

- 4 'Domains' A - Ser/Chl
B Ser/Chl/Qtz (av. 5-15% py)
C Qtz/Ser (ind. streak) - hosts high grade
D Chl/Ep ('pervasive') - propylitic

Min. py, cpy, lesser chalcocite, covellite

- ~~minor~~ trace ZnS, PbS, MoS₂

- Tennantite, lesser bn, enargite, electrum, argentite
- native copper also

B-ZONE 1600 m length x 250 m width x 112 m thickness

- good IP (high chargeability, low resistivity)

Rubble zone — leaching of anhydrite ('anhydrite line')

M.Sc. Thesis - UBC - Dave?

KERR

Oct. 1/90

↑ Lower Monk Volcs. (ser-schist) — — — conformable contct.

Distal turbidites

Gwkes

Plus 6 post-mineral
dykes (incl. Premier-Propyl)

Qtz. Pebble Cgl.

→ 6 phases of mineralization identified (incl. anhydrite and cpy)

→ 2 directions of foliation

M.D.R.C. - ISKUT R. PROJECT

→ Kerr

Nov. 30/90

[at UBC]

Rob Hill - Missoula (PhD)

Dave Bridge - Kerr (MSc)

Tina Roth - (USERC) - Iskut Pr.

Art Ehlinger

James MacDonald

Felding
C. S. S. S.

Jake Margolis - PhD Oregon - Sulphurates

Geolwin: Pb-Isotopes

Eskey UK - early Jur.

Johnny ~~with~~ " " + Middle Eocene (C-1 vein)

Cost/SA ~ \$1275

Turn Around 2 to 3 wks

Smith: Fauna - Basin Analysis / Terrane History

- Ganga Nadaraja - Grad student - microfossils at Eskey UK.
(1 from 1st)

Ehlinger: McLymont - NW Zone

- rous SKARN hosted by Paleozoic rx.

(impure sst, tuffs, carb.), Brown garnet → retrograde to hematite.

- acicular magnetite (replacing hem.)

- Pb isotope data = early Jur. (or older)

- oxidized conditions (cf. other BC SKARNS)

- Mg-affinities

- Comparison with McCoy = ✓ - esp. garnet ⇒ pyrox.

Q. Igneous rx.? - Granite not resp. / Likes diorite better

Bridge: Kerr

- host - 'transitional' zone below Unuk R. Fm. (Hardly)

↓
up section
→ Thrust 'above' are zone - repeating the Trias. again

→ Alth into 'B zone' fault

- Anhydrite-gypsum streak = main min. (Kerr)

Nov. 30/90

up/ - carbonaceous volc. cgl. - marker unit
- tuffs
- thrust fault (sst).

AMn.

K-spar stable (ser-chl.) flanking ser zone

Structure: earlier E-W cut by later N-S (ore)

Plan: 1752m level

Q. Cu-Au correl to sericite or chl. ? - Couldn't answer

MacDonald: Bronson Area

Paul Metcalfe - Skyline

- relationships between M. Johnny - Snip, Inel

Inel - Ak u/g - 'dacite cgl.' with shale interbeds

Similarities: 1) sul-rich veins 3) spatial prox. to intr.

2) Kspar flooding 4) 20° structures

Diff. 1) intr. bx. (Inel) 3) mag. alt'n (Snip)
2) intr. comps. 4) 60° struc. (Stonehouse)

Q. - Is Inel the surface expression of a por. system?

- shallow dipping fault on Johnny Flats

Comment: (Metcalfe) - Stonehouse fsp. por. = 'sills' (dates) - Tertiary age

Don Lewis
- Corona

KERR

- Dave Bridge

MORU-ISKATT Projed
(UBC)

Oct. 11/91

~~qtz-alumite
(Britton)~~

~~pyrophyllite in Snowfield zone~~

- Sec. 97 } - flag-hbl'd diorite
- } - syn/post dykes - folded
- Sec. 106 } - ser-chl alt'd play-hbl'd rock (unknown protolith)

- dykes are less def'nd than qtz-ser alt'd rocks.
- Qtz (sheeted) - healed N-S fault zone (post-min.) along east side of property.

LITHOLOGY (from drill core)
- fragmental (unknown origin)

↓
~~up stat.~~

MORC - ISKUT PROJECT

→ KERR

(2)

May 23/91

② GODWIN Pb-Pb Data Base

- (2) ESKAY Ck. - Jurassic Cluster
- (1) JWEL - Jurassic Cluster

Trend (Band) for growth curve of Stikinia + Alexandria

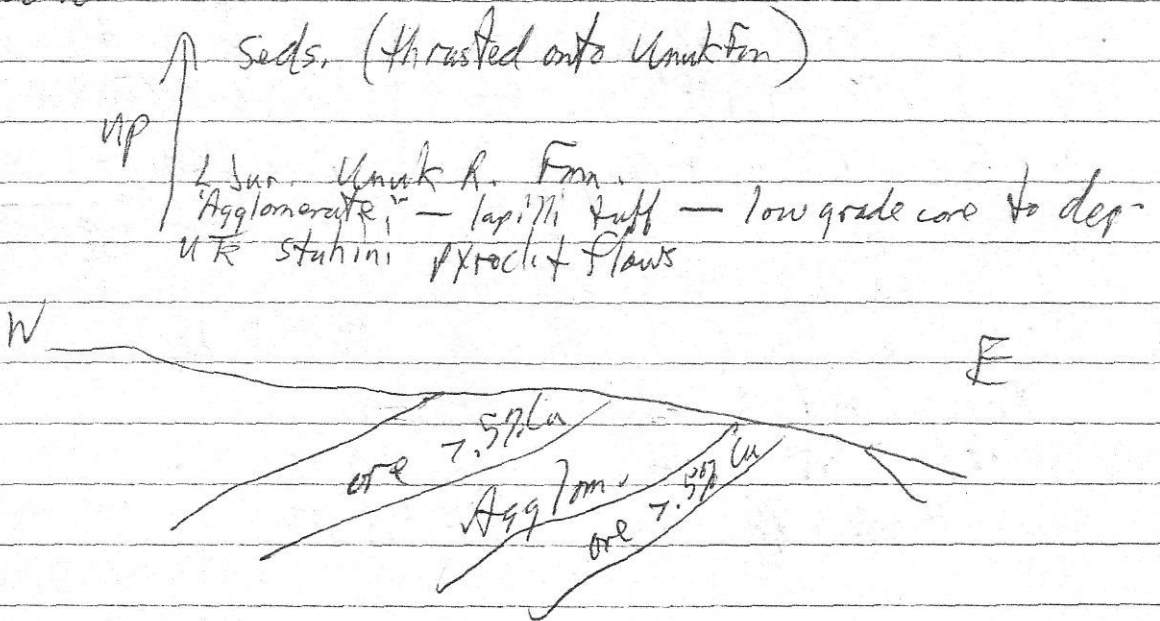
- Gibson Girl + Trinity (near Parcher Is.) - Wrayville and similarities to Wray Falls, Britannia, etc.
- Kitcho Ck. - 'isolated' (lower) number

Anyox - Wrayville
Granduc - Stikinia

③ PETER LEWIS - "Structure"

- Skeena Fold Belt - 44% shortening of lower basin (Evanhuk)
- effect of defn on Paleozoic / Early Mesozoic 'basement'
- South Unuk R. / Hannymel Ck. fault system - major!!
- Craig River mylonite zone - significant?!
- structures assoc. with emplacement / uplift of Coast Range mtn.

④ KERR (David Bridge) - in L Jur. Unuk R. form. volcs. (cf. Stuhini?)
Sec. 9700 N



(4) KERR (cont'd): W

MORC - Iskut

≡

Ser-chl.

Ser + green clay

serites

Hornfels

3

May 23/91

Hornfels - metasomatic (ep., po) ~~in~~ in xl tuff

Ser-Green Clay - pervasive py

Ser. (yellow) - py surrounded by tetrahedrite (+ later xcutting Zn veins)

Ser-chl - pervasive - coral. with higher Cu grades

Agglomerate Unit - lapilli - Low Grade Core

- 'Black' material is part of hydrothermal alt'n - replaces sericite = graphite

- pyrite grains are round (cf. euhedral) - no pressure shadows even though rt. strongly deformed. - 'fluids'

- tetrahedrite within pyrite grains (solid sol'n).

High Grade - Dissem cpy^{ser.} surrounds py grains

- also dissolved cpy within py grains

i.e. possibly 2 pulses of Cu mineralization?

- possible Premier Porphyry por. dykes cut across Kerr deposit

- no age dates yet

(5) SNIP - Dave Rogers (M.Sc. candidate) - 'Plans'

(6) SNIP + REC - (+ RED BLUFF) - Fallinger

- Art logged 8 ddh in late Apr. From alt'n to east of Red Bluff

in ^{metarocks +} metaseds. (towards banana zone) → possible 'stratabound' mtd.

Red bluff: Qtz - mag. (now)

- "Amethyst" - Kspar alt'n to NE (peripheral) - assoc. with MoS₂

(2m wide) → 765, Garry Blackwell + Ron Britten disagree (y. fsp?)

(i) "CF Trenches" - ^{dacitic} tuffs + Zn, Cu + Au in ^{massive} pyrite - to 0.2 opt

- mudstones - laminated blk argillite + silty layers (po, ZnS)

Stonehouse (Reg):

~~XXXXXX~~

768 → KERR

Apr. 74
Office of Birthdays
of GSC

April 10, 11, 12 - Smithers
hockey
Santa Rosa July 19 - Calif.

On the 150th anniversary of the Geological Survey of Canada, the British Columbia and Yukon Chamber of Mines honors the contribution of the Geological Survey of Canada to the Canadian mineral and petroleum industry. We look forward to the continued efforts of the Geological Survey of Canada as it builds on its high quality reconnaissance and preliminary geoscience understanding of Canada's vast landmass.

Map 1714A - 1:200,000 Reed
Wheeler
Map 1712 - " Wheeler
1713 - Terrace
768 →
Roundup
192

Brucite
Ag-Sb-As
epi-mes
+ talc-tann
+ pybasite
+ peccrite
+ psaudite

**NINTH ANNUAL
CORDILLERAN
GEOLOGY AND EXPLORATION
ROUNDUP**

A joint venture of the British Columbia and Yukon Chamber of Mines; the British Columbia Ministry of Energy, Mines and Petroleum Resources; Geological Survey of Canada; and Department of Indian Affairs and Northern Development.

Blackhorn Gdd of Terrace
(detachment) - rd.
veins
with
(new look)
Thrust-related
veins
(pre-syn
metam)



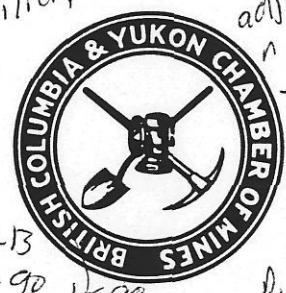
The crossed geological hammers of the Geological Survey of Canada logo represent the important role of geologists in providing Canadians with a comprehensive geoscience knowledge base that supports economic development, public safety, environmental protection and national sovereignty.

We hope that the Geological Survey of Canada will continue to provide geoscience information and leadership in all these areas so that members of the British Columbia mineral and petroleum industry and all Canadians can profit from them.

Ecstall - mid-Dev (cf. myra Falls
Tul. Chief)
Metam - mid-Jurassic
+ folding

89-4
bottom part
- anhydrite
(+ drop in P)
91, 175-238 m
JANUARY 28-31, 1992
HOTEL VANCOUVER
VANCOUVER, B.C.

19m thick in "B" zone
plus silicification
Energite
'marker'
(3 holes)
89-8, 15-112, 89-13
88-18, 25-90 15-98



adj. to Kerr
chlorite-elt'd monz.
- bn, cpy, tetra, el
mag-hen

Kerr
Diorite → Monz.
bn-rich interval + enriched Cu-Au-As + Se
+ cpy, tennantite, energite, chalcocite + rare
colusite (Cu, Fe)₂₆ V₂ (As, Ge)₆ S₁₃