

Mosquito Cree.  
885499

NOTES

Cordilleran  
Roundup Feb. 7/89

BC's Gold  $\Delta$  <sup>Andesitic/Kirkham</sup>

- 1) Paleozoic Stikine Assemblage  
 - Coeval - Galore ck. plutonic  
 intr./volcs. - Texas ck. plutonic  
 - metam diff. between 1st.  
 Stuhini (Trias.)  
 - extension/growth faults assoc.  
 with volcanism  
 western <sup>fairly</sup> bimodal belt/rhy (impure)  
 Hazelton Gp (+ assoc. plutonic)  
 - esp. Premier area  
 - short lived volc. (190-195 Ma)  
 (Pleinsbachian)  
 early Jur. alkaline plutonism  
 assoc. w. volcs. (Gair, Galore, Sulphur)  
 BOWSER overlap assemblage  
 Coast Plutonic  
 SULPHUREF :- Kirkham <sup>sketch</sup>  
 Yukon Ketz  $\sim$  20,000 oz. <sup>6000 year</sup>  
 162,000 oz. placer Au in Yukon '87  
 E.V. 850m expn.

Camp prod.  $\sim$  40 tonnes of Au  
Cordilleran Roundup

NOTES

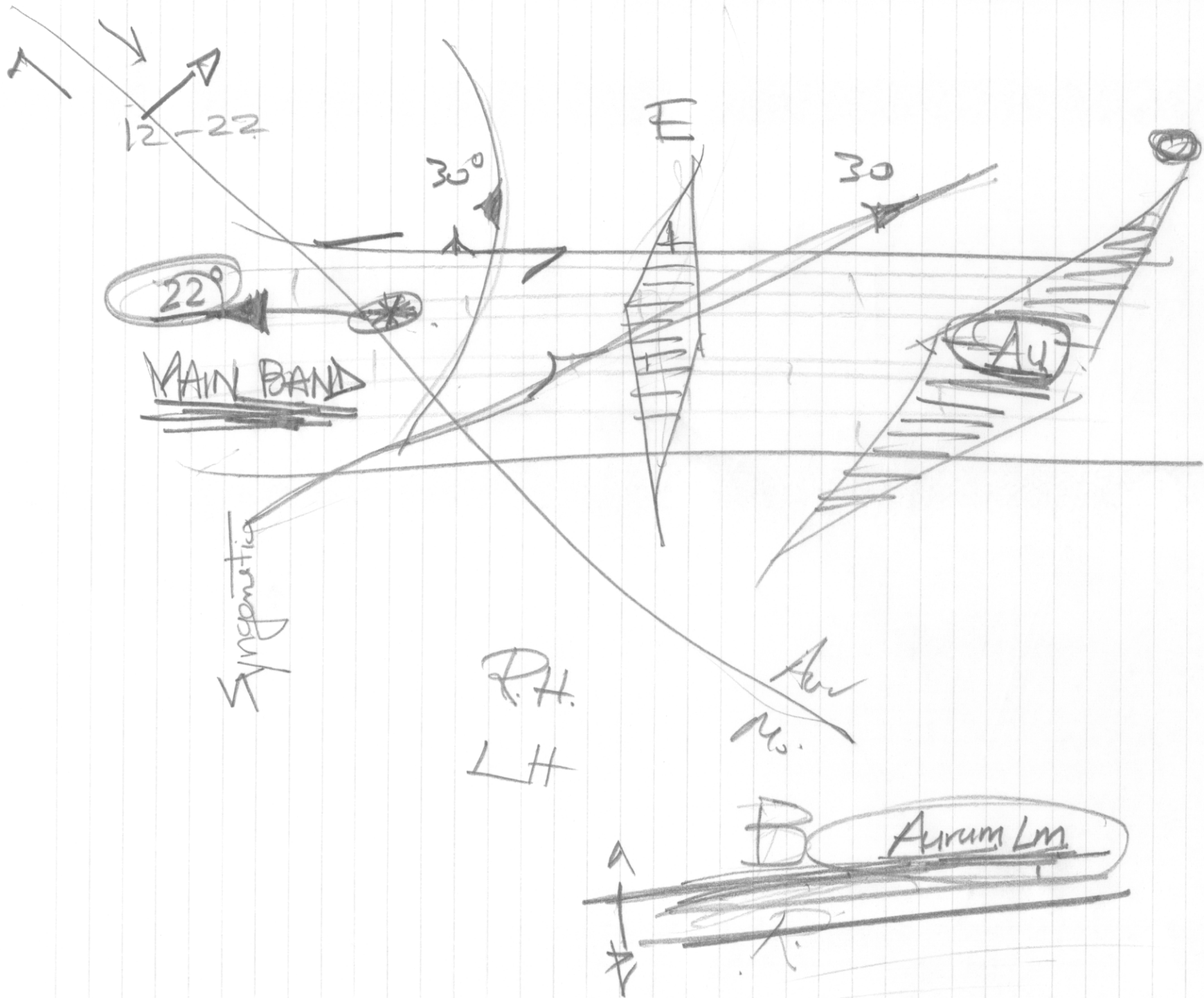
Feb 7/89

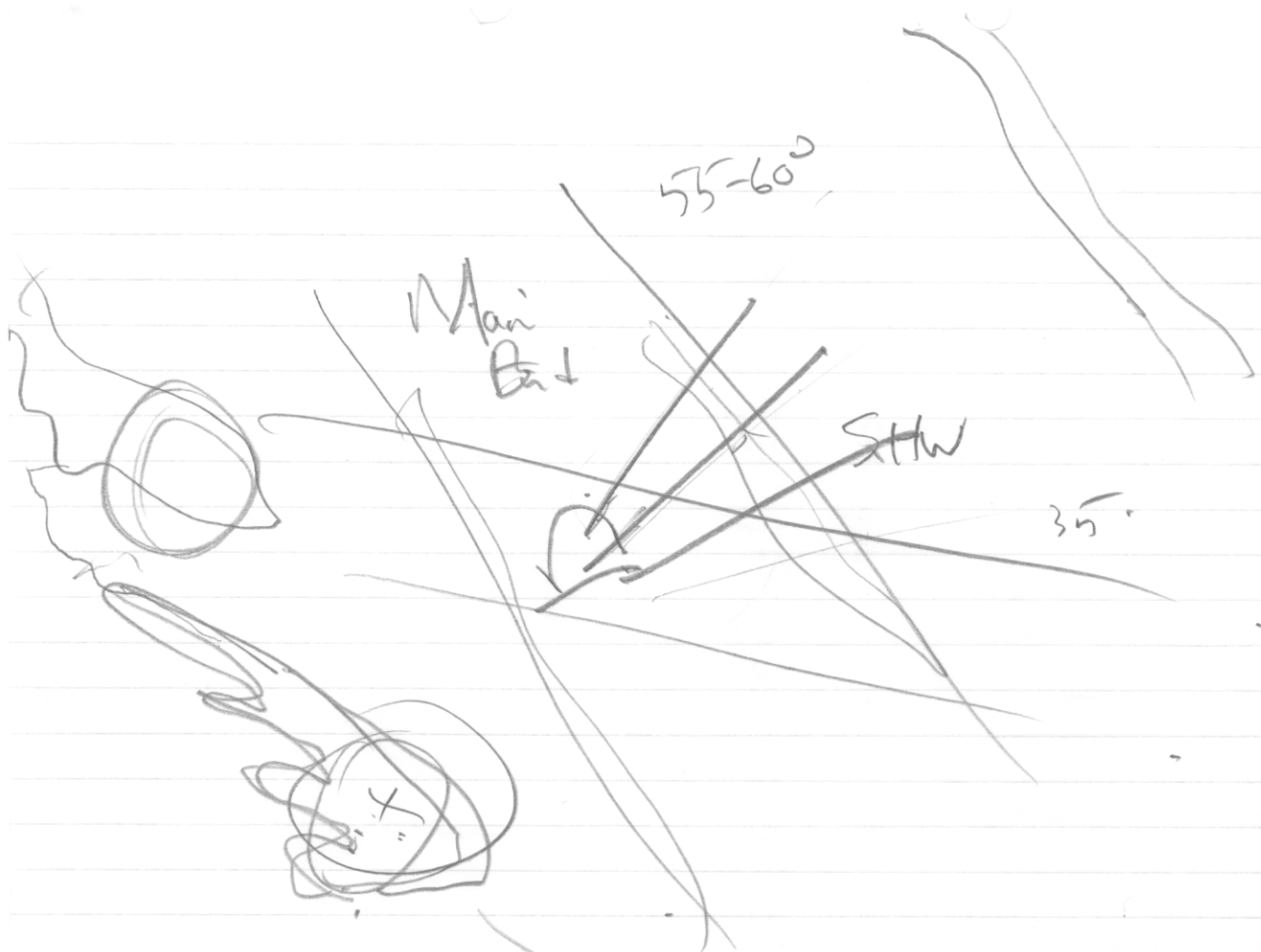
MOSQUITO Ck - Bruce Taylor

<sup>Simultaneous</sup>  
 Au/Ag  $\sim$  8.5:1  
 - compare to Mother lode  
 - back spatially assoc. remnants  
 diff. in: 1) Au in mass.  $\gamma$  res.  
 2) host in metaseds  
 3) lack of assoc. with major  
 structures

- Siliceous 'Front' to massive  
 pyritic lenses = REPLACEMENT  
 Fe gr py = Au  
 Crs gr py = no Au  
 $\sim$  180 Ma - age of metam  
 $\sim$  145 Ma - 'alt'?

- 'replacament' + vein type  
 - meteoric waters; 350-425c  
 - evolving hydroth. system  
 - 'veinifer'; Au, S remobiliz.





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JK

was



# ROCK SAMPLES

DEPOSIT NAME + SAMPLE NUMBER	CUT	DESCRIPTION
MOSQUITO CREEK		
MC-88-1	✓	(ms) massive sulphide sample with crude layering of gz/cc + sulphides - massive py - f.g. to m.g. - rusty
-2	✓	banded m.s. - pud. py - well formed xls in vugs as well as grey + white dolomite - crackle texture, graphitic partings.
-3	✓	crudely banded m.s. - py in gz vein, thin (3mm) parallel banding, f-m-g, some good cubic py, untarnished.
-4	✓	crudely banded m.s. - m.g. py with some good lg. (up to 1cm) cubes of py. Banding displayed by py, graphitic partings, cc/dol, foliated. (along folia)
-5	✓	banded m.s. - bands defined by py, dolomite layers. m.g. tarnished py.
-6	✓	f.g. m.s. with po from Island mtn $< 1000'$ level one end is sheared w sericite - green, possibly minor cpy, thin veinlet of cc? cuts through it. Gz in gangue.
-7		banded m.s. - pud. py. - m.g., interlayered w dolomite, 50-50 dol/sulphides, minor graphite partings
-8		host rk - zebra striped dolomitic lst - foliated. -schist of dk grey + white (graph + dol.)



Island Mtn. - Aluminum lost } cancel layers?

- author of 87  
FAME report.

Uelka - 207  
- returned prop to  
Along. Ck.

Mosquito Ck. - Richard Hall  
- Mon. Aug. 15 - '62 day.  
- coming in from Ouesnel.

1987 FAME GRANT.

- am? 9:00 - 9:30

STOCKWATCH JUNE 1, 1988

Lyon Lake Mine Ltd. ~ raining up to 50%. @ 6M

MOSQUITO CK PROPERTY = MOSQUITO CK } CLAIM  
ISLAND MTN } GROUPS.

- exploration adit DUKES

- 2ND adit near DS. Mtn main haulage adit.  
↳ drive along main haul HOST LST

- diamond, percussion drilling, drifting, X-cutting, geol,  
geophys,

. Barkerville terrane - fault separated terrane.

- underlain by highly deformed thick pkg. meta sed.  
SWASHOUE GRP. (NW trending)

- more dep. lie w/in Downey Ck Fm (Miss?)

- phyllites, slates, micaceous g<sub>3</sub> ites, l<sub>st</sub>, marbles  
+ green meta-tuffs.

- gold ~ .4oz+ (average of part prodn) - 3M tons.

- py "replacement" <sup>- Syngenetic?</sup> ore bodies } contact btwn

- g<sub>3</sub> vein ore bodies. } sericitic phyllites/

l<sub>st</sub> (Barker member)

+ mic. c<sub>3</sub> ites (Reinbow)

shallow plunging plucif slope beds

Slightly dipping g<sub>3</sub>/py filled fault.

in mic. g<sub>3</sub> + argillites.