

(2)

SNIP

- mafic dyke in Twin Vein - unmin.
- affected by same defmn. but younger than min.
- defmn. - semi-brittle
- veins - bio-cal. envelopes

JOHNNY MTN.

- zoning consistent with a por. system (Red Bluff)

PbS isotope data

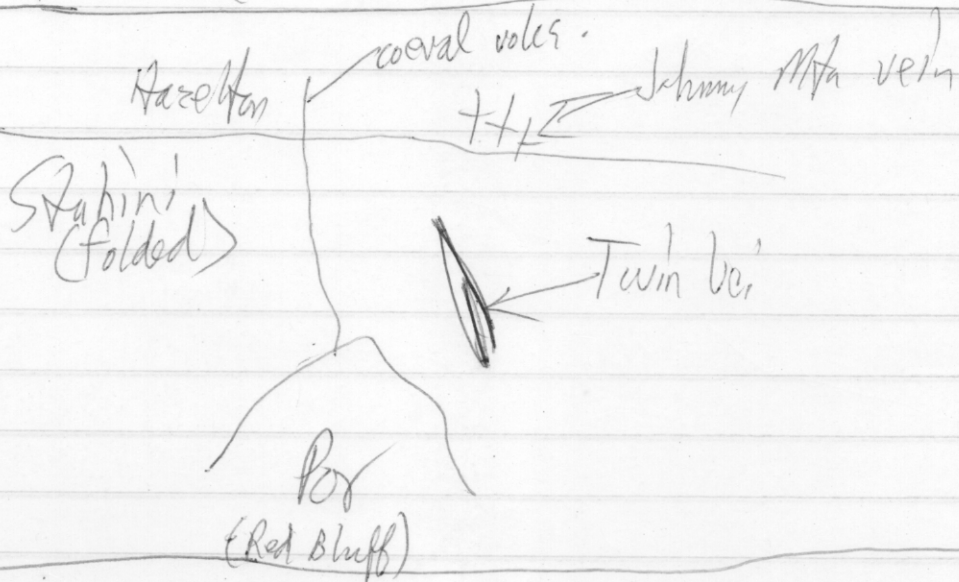
& early Sur.

Stonehouse Gold dep. - veins dip steep NW

- hosted by dacitic tuffs (L. Hazelton)

- volcs. intri. by NW dip fsp-por dykes (194 ± 1 Ma)  
(is co-eval with Red Bluff por)

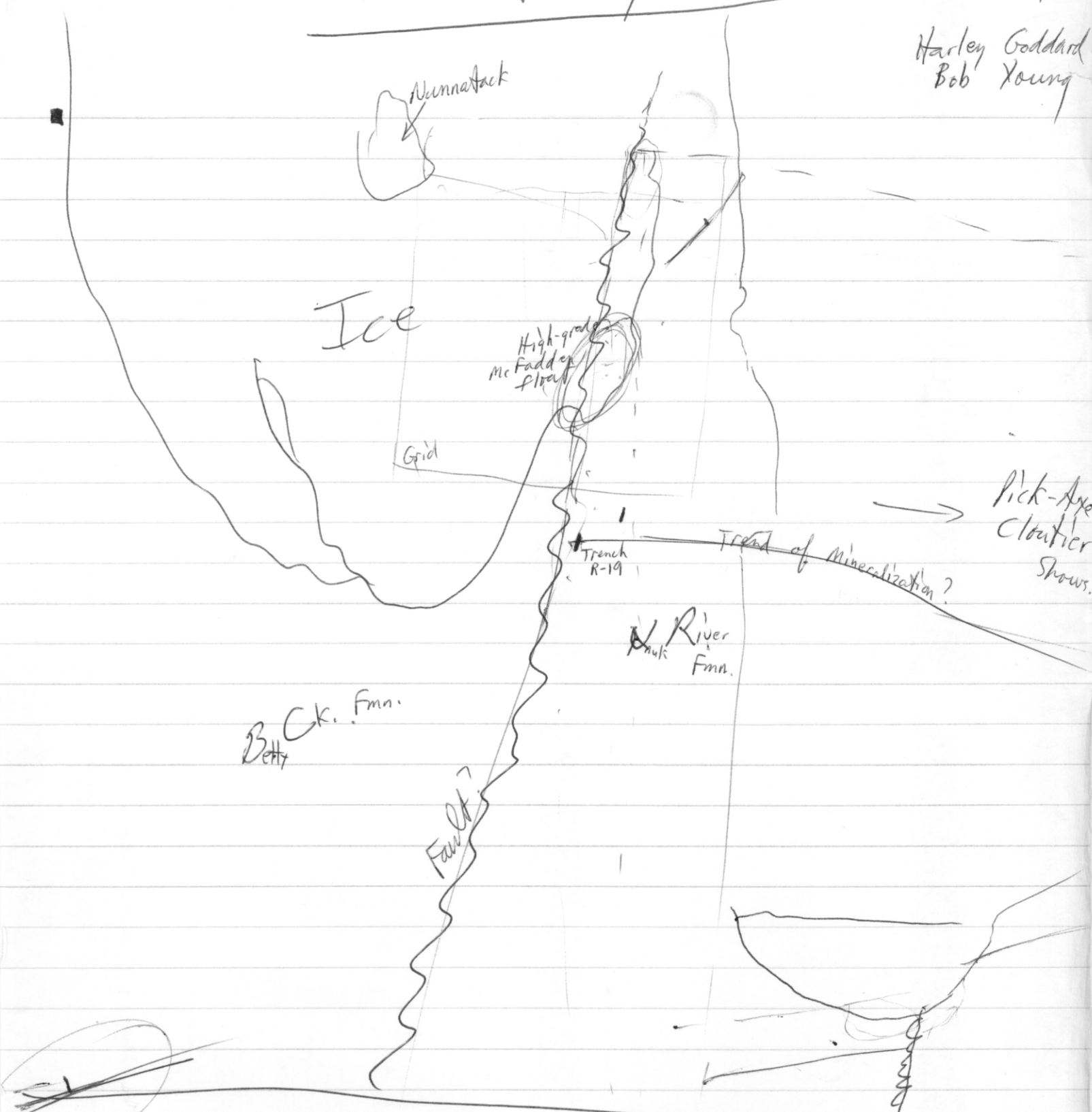
- \* - 2-fsp por.
- dilatant veins (more brittle) - cf. Twin Vein



Mr. Johnny

Thurs.  
June 21/83

Harley Goddard  
Bob Young



- Fly Digheim over all Mt. Johnny cls. + <sup>Inel</sup> option from Du Pont
- Drill mainly on Reg cls.
- Cut in - maybe airstrip later - lots of trenching
- possibility of 2 thesis (1 - Placer; 1 - Anaconda)
- contact Roman Shklatka (Van) for 'Hans' - Aug 1944-20th?

Wed. Oct. 27th

PLACER



① Mt. Johnny  
- Bob Young, Stu Tennant, Roman Shklanka

- possible 1400 metre air strip  
- Drilled DDH 9-16 incl. (see map)

9-10-11 - Best intersections

Zones dip steep to 45° to north.

Better gold values assoc. with silicification  
(not massive sulphides)

Potential to say 75,000 tons grade  
?? Au.

- McFadden Zone - good float (2ns, Au)  
but not able to trace so far.

Cloutier Zone  
- traceable but peters out  $\rightarrow$  faulted on east  
or plunges steeply east.

Pick Axe - traced long by geophys. conductor  
DDH - 15 + 16 did not intersect

Alteration: Silica-carbonate-chlorite ~~etc~~

CIM Dist. 6  
Vic.  
Oct. 3/86

REG

- 3800 ft. airstrip (ok for Caribou aircraft)

Cloutier Zone  
Av. width - 4 to 16 ft.

Stonehouse Gold Zone - 4600 ft. strike

Gold Rush Zone - nice VG in gtz (vein)  
av. width - 6 ft.  
polybasite, pyrrhotite

Cloutier Zone - at least 4 lenses

16 Zone - at least 3 lenses - lenses plunge at shallow angle to east.

Host Rx. - Fsp. for + Volcanic clastics

-> Fracture-controlled replacement mineralization.

Reserves - see Table

Correlation  
à la Premier por.  
metasomatized

Mineralogy  
argentite  
arsenopyrite  
cpx  
electrum  
enargite  
V.G.  
Stephanite  
telluride?  
py  
stephanite  
sphalerite  
galena

ankerite  
fluorite  
microcline  
sericite  
tourmaline  
calcite  
gypsum

minor  
not identified

Question: X-structure between Cloutier + 16 Zones? - no evidence!

# Communication Plan

Name: SKYLINE - REG Property		Subject: Mar. 24/87	
Company:		File:	
Address:		Circulate:	
Phone:		Delegate to:	
		Return to:	
Type ✓	Date Note	Time Seq.	Subject STAGE 1 Review
			Response MDSC
Follow-up			
Norm Anderson			
108 ddh to 1986      1/6 upgrades surface ddh (X2-2 1/2)			
1200 ft X cut			
85ft of zephyrin zone - 58' sampled <u>aly</u> Kspar floods			
- Camp opened ~ Mar. 1/87			
- Geol. in early March			
→ Resample + reassay all '86 work!			
- raise thru to surface			
- extend discovery drift to <u>west</u>			
- and 16 zone to <u>east</u>			
- by mid-June - complete reassaying + 500ft on <u>left side</u>			
<u>TARGET</u>			
300,000 tons @ .8 to 1 oz/ft Au      ~ 60,000 oz Au annually			
@ <u>200 tpd</u> = 5 yrs ore → Cloutier + 16 <u>zones only</u>			
Does not include McFadden <sup>float</sup> = 20 to 30,000 tons @ 2.5 oz Au/ton			
- Geometry of zephyrin zone <u>not known!</u>			
Overall strike length ~ 4700 ft.      Stage I permits			
(Geol. Res. ~ 4 m tons @ .5 Au)      by July?			
- Hercules strip - Jan '88 - pour gold?			
Al Deaton 2 Phase program			
i) Permits req'd. - 30 man camp - 600 to 1000 ft			
of devel. req'd.			
airlift - Apr. 1/87 - Hercules ready for early Aug.			
→ Fly-in job (Terrace area)      Min. 5000 ft.			
~ 800 tons material req'd.      - Anchorage			
- mill out for contract - 2 phase plan			
Bunkhouse - i) trailers 2) wood 3) —			





# SKYLINE EXPLORATION - REG.

## Construction Schedule

	May 87	June	July	August	Sept.	Oct.	Nov.	Dec	Jan 88	
Airstrip + Fly in	Snow Removal + Extension			x	x	x	No Hercules scheduled after October			
				Fly in with Hercules						
Temporary Camp	Construction									
Main Camp	Clearing Site			Construction			Main Camp Occupied Oct/87			
Tailings Pond	Clearing						Completed			
Mill	Site Selection and Preparation in conjunction with Contractor including drill + blast		Foundation including Forming + Cement			Steel Erection + Roofing		Equipment Installation		Mill Start Up

REG - Ted Grove,

Fri, Oct. 30/87  
"Porphyry Au-Cu"

↓  
VEIN

3675A

- Lower Level - in 800 ft.
- Iskut R. - major E-W structural zone.
- syenetic plutons (early-mid Jurassic)
- 1120 m portal - upper portal
- Most rx. are older than Betty Ct. + Unuk R.  
ie. Late Karanian ~~Permian~~ Lower Jurassic seds. + syenetic  
pluton (mid. Jurassic)
- 6000 ft. surface width of syenetic dikes
- ~5000 ft. strike - mineralization (Stonhouse Zone)

- protomylonite, cataclastite - 'deformed syenites + seds'
- Complex defmn of syenite = biotite
- > Flat-lying faults - gtz. veins follow (younger than min.)
- Thrusting from north towards south of Iskut R.

- Continuity between Gold Rush (W) + 16 Zones (E) ~ 5000' + 800' deep
- Min. below 2nd level     "     increased reserves.

- 16 zones to E ~ 700'
- Discovery zone - E end to 10% Cu - decr. to W
- 16 zone - 1 to 3% Cu
- ~40% of Au will come out at heels (ie. jig?)

RESERVES: - not updated - added to measured  
~ 978,446 tons (old)



REG reserves quoted in Globe & Mail Jan. 30/89

- reserves	quoted in	Globe & Mail	Jan. 30/89
	56,000 tons	'broken'	@ .66
+	49,000 tons	'proven'	@ .93 <del>At .93</del>
+	105,000 tons	'inferred'	@ .80
+	495,000 tons	'possible'	@ .50
+	86,000 tons	'probable'	@ .69
<hr/>			
Total	686,000 tons	@	.57