

# RED CHRIS

Sat. July 31/04  
Sunny + 26°C

- with Paul Wojdak
- Dave Tenay (Whitehorse)
- (Peter Campbell) [Scott Casselman]

DDH ~ 4500m ddh (3000 to date)

- mainly infill on Main Zone <sup>and SW</sup>
  - also on East Zone - esp. <sup>imagined</sup> east end of <sub>pit rim.</sub>
  - Drilling in area between 2 zones (some success)
- Host: Monzodiorite

- problems (wet) drilling geotech holes in area of wastedump

18 yr mine life (10 from pits; 8 yr low grade stockpile)

- recent decision to move plant site closer to pit (SE end)

~ 45-person camp

104H/12W  
104H 006  
886933

Doug Blackflower, John Deighton, Marie, Sept. 14/75  
 Cook - Pat / Lake Warren (Chard/les) Sun/Rain  
 To date - 80,000' drilled +10°C  
 ~ \$4M spent <sup>camp</sup> 5300'  
 (+ \$2M) = \$6M total with  
w/dak  
+ Lane

1970: Great Plains (West) & Silver  
 Std. (East) Jim McAusland

'Sheeted' trench - 20 ppm Cu in  
 1st 20ft. → 5% Cu in sheeted  
 rk (i.e. geochem. didn't work!)

~1973: TGS interested → 1974 - took over

'74-'78: large ddh program (by TGS)

by 1977: ~60 ddh completed; reserve  
 calculation (~241 tons)

'81: TGS - 4 holes looking for  
 starter pit. [400 ft. line spacing]

[i.e. total = 74 ddh on property]

- 1994 ddh - holes to south

1977 - o/v basal fill 100 ppm Cu in  
 step. 500 ppm Cu in  
50 ppb Au - good indi.

② - mag doesn't work to define min.  
(74 km in '94)

VLF - 26 km } 100m line  
- TP, 72 km } spacing

1981: <sup>mag</sup> Reserves 33 m tonnes

.51% Cu + .27 g/t Au  
East .63 m tonnes, .78% Cu  
.65 g/t Au @ 1.4:1 SR  
@ 0.25% Cu

1981 - Proj. 'shelved' 60% TGS  
20% Great Plains 20% Silver  
Std.

1981-1993: TGS → "Falconbridge" (1993)

1993 60% Falc.; 20% Teck;  
20% Norcan Energy

1993 - Amer. Bullion "lockout"  
Norcan & Falc. [80% interest]

1.8% NSR - retained by Falc.

Teck - 20% → [10% participate  
& 10% carried]

90 days (1-time) to exercise  
right upon pre-feasibility

(55% interest, putting up 100%  
of financing to production decision)

RED-CHRIS

Sept 14/95 HQ

③ Moira Smith - resp. for Teck's interest  
1994: deal signed with Teck  
June 15/94 - Amer. bull. mobilized  
- drilled 58 ddh = 70,266'  
(21,477m)

Mip-En - assaying (2 weeks)  
(5 months prep) (turnaround)  
ddh 700 to 800 ft/day - 2 rigs  
(HQ for HQ)

(many days = 1000 ft.)

- umpire for assaying (Barry Snee)

[i.e. excellent quality control!!!]

- most core = HQ (38" + 44" on site)

812 m = longest hole, 7% Cu  
e-60° i.e. haven't found bottom of min.

J.P. - prime fool

Gulley + far West zones removed  
"Yellow-Chris" zone

(East + main zones = "Red-Chris")

> 4 km strike length anomalies

added 400 m of strike length to main zone in '95  
towards west - 'Gulley Zone' Extended North  
+ 300 m to South METRIC LEVEL



④ @ .2% Cu cut-off  
136 mt @ .38% Cu .25 g/t Au  
[Rebaghati, 1994]

1994: \$4.1 M

1995: \$4.2 M + \$2 M

end '94: .4% cut-off = 100 on ton

Flour Daniels - 0.3% cut-off = "9m"  
(he look at 0.25 to 0.3% Cu cut-off)

[East + main zones] ~ 160 m tonnes  
- FO suggested Amer Bull. needs additional 50 m tonnes.

main  
1995

250 m wide to 800 m wide  
(East) (Main)  
1.7 km long

1-74: TGS holes

75 → Amer Bull.

133 → start in '95  
202, 203 - drilling today

1995: Good Allen - surface mapping  
080° trend over 4.5 km

- "Qtz dio." (Chris Ash)  
monzonite also "Monzodiorite"  
Fsp hold par

5) rel. <sup>RED-CHAU</sup> high-level (based on penetrat. of gypsum)

Host rk.: Stuhini Gp.

- major E-W structure (Faluelki Fault)

- 6 km displacement (25-35 km trace <sup>to</sup> east)

Intrusive contact of volcs. to north + intr. to south.

(ore event)

→ pervasiveankerite  
(pre-gtz vein)

early carbonatization + fracturing

early of Red Stack [shenk]  
early potassic

- phyllic/potassic/propylitic

- gtz-carbonate younger stage

after carbonatization = gypsum stockwork  
(pre-mineral)

anhydrite not yet I.D. (no purple)

600m vertical throw to south (Bourse Gp.)

"Rhyolites" - (Chris Ash) - time-equivalent of Estay (K. ??)

Host ix. for ore = 1) Main phase <sup>the</sup> of Red Stack  
2) Vol canclastics

⑥ Telescoping from E → W  
East: 250m wide; > 600m  
vertical; 870°/steep  
alt'n: potassic → overprint by phyllitic  
min: bn (70%); py ≤ 1%  
av. 1% Cu 1g/t Au grades

East-Main: decrease in bn  
(incr. in cpx), reduction in potassic  
alt → ankerite, ser; qtz

Main: cpx - dominant (88%)  
≥ 1% py; 20% bn Cu:Au = 1:1  
alt'n - phyllitic

every 1% Cu = 0.8 g/t Au  
qtz streak 1:1 ratio with Cu min.

Formative - rel. to early K-alph  
(Schenk).

Gully Zone: phyllitic; py > 2%  
cpx ~ 95%; bn - trace  
Cu:Au = 1:2

Far West > 5% py 2-5% Cu  
Cu:Au up to 1:3



NEW  
8) 80 m James Far West / Gully zones  
(15 ddh)

Ag 10-15 ppm av

As ~ 80 ppm Hg ~ 6 ppm

DDH 95-140 — > 800 m  
good bn-cyl to 'end'

82.29 m @ 1.73 Cu / 0.81 Au

Far West Zone - new delh est. > 0.6% Cu  
Cu:Au = 1:3 + good Au

Drilling costs ~ \$52 / ft.

95-106: Excellent hole - East Zone  
> 1% Cu > 1 gpt Au

95-110: Main Zone

S.G. av. 2.79

Early stage tourmaline (ie. boron in system)

fr. ZnS, PbS in carbonate rich secs.

RED-CHRIS

Sept. 14/95  
Sunny 15°C

- (P) Photos
- look E from camp (Main pit) to East Zone (drill collar) old 165 camp to it. - upper = starter pit
- look S to centre of Main Zone (all 1994 core stacked)
- [Water Bowser sed. in relief in bkgd]
- [starter pit between core & trees to  $> 0.7\%$  Cu]

- look E over <sup>comp and</sup> "Coreland" + East Zone in bkgd.
- look SSW to Far West, + Gully zones (Todagin Mtn. in bkgd)
- (Edzira columnar volcs. to left of Todagin Mtn.)
- [old Great Plains '70 prop.] → 95-168, 170
- [Excavator on Gully Zone (lower right) 95-162]

'Great' aerial shots, looking E from near Todagin Mtn.

Great supper at camp = BAR steak night [COVER] METRIC LEVEL

- flew out (west) over "expl'n" road - photos of creek crossing (controversial issue)
  - looked 'great' to me
  - unfortunately, Amer. Bullion has been 'stalled' by other ministries + self-interest groups (esp. Cassiar ...); Tskut Lodge!
- 

⇒ See Northern Miner  
Aug. 14/95

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RED-CHARIS

Wed. Aug. 17/94

Sunday 28°C

- Stop at Eddontenajon on way south  
from Golden Bear to Eskay Ck.

(John Deighton  
'helping')

- Bill Mann - in charge

- Doug Blanchflower <sup>new</sup> Project Chief

- VTH heli. (Mario Chandler)

To Date: Drilled ~ 25,000 ft  
(~ 20 holes) - all ~ 1000 ft.  
vertical depth.

- re-assaying 'old' intervals  
for Au

- Prelim. met. tests suggest  
50-60% recoveries for Au

- 2 drills; 3rd later?

- Chris Ash & Teresa Fraser - GSB  
crew

- plan to operate East and Main  
zones from a single pit.

- may be able to lower Cu grade  
if Au grade is "OK"  
(765 drilling did not assay  
for Au when Cu < or 25%)

- '94 budget ~ \$3.5 million  
(have more to spend)

Aug. 17/76

Aug. 17/76

ESKAY (Mt. Tommy McKay)

Massive sulphide in rhyolite breccia domes (localized) - in between 2 datable (fossil ammonite) marker beds (lit.?) - mid. Jurassic

High Pb-Zn - Kuwoko style

- ddh on ~ Aug. 16.

- similar belt of rx. as to south (~50 miles) à la Grove's Granduc thesis.

Meet Flying north

1. Charlie Aird (+ Will Thompson + Al Campbell)
2. Bob Stevenson
3. Stan Tetley
4. Giles Peterfield
5. Hugh ? Great Plains (Calgr) → Norcemid

- John Deighton - Utah - finished 900 ft. ddh on Snowdrift ~10 days ago. (Pogo thinks has some massive sulphide characs.)

Doug Donnelly + Rolfe

- TGS staked QUASH CK. Aug. 18/76  
with Ragbag's (Newcomex) camp  
there.

- TGS holds ds. around Great  
Plains @ W property (Amoco)

- TGS - ROSE property - chalkout  
in volcs.

RED, CHRIS

Aug. 18/76

→ Pogg's feeling (+ J. Hodgson at Queen's) that silica stockwork is not a late stage magmatic event but rather a release from alth. of fsp → not late magmatic (as like fsp)

→ distinctly silica deficient - trachytic - syenitic

→ only hold as mafic

→ like an age of ~210 my is coeval with volcanism i.e. sublevel intrusive pitted up during volcanism.

→ abundant carbonate veining

→ some holes of >150 ft. of >2.5%

→ Cu (mainly py) + Au + Ag

→ geochemically all monzonite stocks in area are Cu-rich

→ some tourmaline

→ 76-52 = ore grade hole!

East Zone = 4m tons of >1% Cu

- high grade "sheet" - banded

- up to 3.3% Cu over 10 ft.

av. 170 ft. of >1%

Main Zone - no stop.  
- in freed area.

- area between - rel. barren  
" 2 pits req'd,

Great Plains - potential!

Geochem correlates very well  
but big deal will be  
overburden sampling with  
small portable drill  
- drill to bedrock + take sample

- Exposure of 'aeval' intrusive  
+ volc. at junction of cks.  
on Chris's property

- up to 400 ft. displacement  
in some faulting

-> repeated movement\*

- "Barren" phase

Aug. 18/76

① Looking NW towards Great Plains

DDH No.      Footage      Ore hole  
75-46, ~~47~~      175'      Ore hole

~~76-52~~      ~~150'~~      Ore hole

~~75-43~~

~~75-44~~

~~75-28~~

~~76-61~~

~~75-1~~      500' M<sub>5</sub>-S<sub>5</sub>

~~75-7~~

Core pictures

~~75-12~~

① 76-52 - ore r.k.  
showing sheeting +  
latter gte cpy vein.

~~75-10~~

② 75-46 - 158' ore r.k.  
showing good cpy + sheeting

~~75-37~~

~~75-56~~

~~75-21~~      300-400' M<sub>5</sub> S<sub>5</sub> + G-28x.

~~75-25~~      500-800' M<sub>5</sub> S<sub>5</sub>

~~75-24~~      100' (barren phase)

~~75-21~~      400' M<sub>5</sub>-S<sub>5</sub>

~~75-21~~      700' (barren)

~~76-61~~      250-275' M<sub>5</sub>-S<sub>5</sub>

~~76-45~~      350' M<sub>5</sub>-S<sub>5</sub>

~~75-38~~      10' (M<sub>5</sub> P - G-5)

~~75-21~~      700' cngite ends



# CIM PAPERS

Oct. 13 - 15 incl.

- ① Red, Chris by VES staff
- ② Kutcho area by Andre + Dave
- ③ McMillan Pass area
- ④ Northair
- ⑤ Specogna Ac. by Quintana staff
- ⑥ Minto

RED

320 LX Pacific Rainproof

~ 30 m. fans, 45% Cu

2.4% Cu Aug. 18/76 + Au

AN. d.d.l. depth - (0.025)  
all angle holes - 300'  
- 450' deep - 550'

I.P. anomaly



classic

stream



X camp

Breakers  
plains  
1972

- Intense py psam veining  
at depth. (up to 16")

- Intense gtz. stockwork.

Strong <sup>①</sup> NW & <sup>②</sup> NE  
faulting.

1% Cu assay in shale  
to SE. (by accident)

RK<sub>0</sub> is very bugged up.  
original? - monzonite?

Am in a) PY  
b) CPY  
c) gtz. veins

Port rd. in.

- 10,000 ft. core in  
5 mks.