

*BRALORNE MINE*  
*DATA & NOTES*

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801571  
Bralorne

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# BRALORNE - NOTES

July 27:

Mine samples held @ 2.5' length (min. mining width).

Vein widths > 2.5' sampled via consecutive 2.5' samples and combined via weighted basis.

Samples < 2.5' expanded to 2.5' (proportionate reduction in grade).

July 28: Objective to compile at 40 scale geol. (linear) detail 51/52/77 to Paul Re. prelim. orientation, via 100-scale composite, for 40-scale geol. plan set:

Note 6-level (C1) only incl. King Workings

7-level (C2) " " " "

9209 low. > 8-level (C3) 40-scale geol. plan missing (D.D. Campbell)

10-level (C4) 3 separate 40-scale liners <sup>one w/ 51 km</sup> <sub>one w/ 52-54 in S. E. area</sub>

11-level (C5) 2 40-scale geol. liners. (one on King mine)

12-level (C6) 1- 40 scale geol. liner.

13-level (C7) 1- " " " "

14-level (C8) 2- 40 scale liners incl. one w/ 77 km detail

15-level (C9) 1- " " " w/ 77 & 51/53 & 55 details  
note Empire F&T 2 strands @ 200' spacing @ 15' height

16-level (C10) 1- 40 scale geol. liner

18-level (C12) 1- 40 scale geol. liner

20-level (D1) 5- 40 scale geol. liners, incl. one on 2052 (52 km)

which is a strong, well banded g. or similar (unlike others) to 77 km. - Excellent upper target second. Paul.

21-level (D2) 1- 40 scale geol. liner 73(?) km & 77 B. km.  
no Empire F&T

22-level (D3) 1- 40 scale geol. liner; no Empire fault.

23-level (D4) " "

Contouring F.F. on 100 scale stuffed with (D1)

Note Generally, every 6<sup>th</sup> level (900' vert.) is a long one.

July 29 - Sunday

Note grade ranges on Fig. 3, 'Composite Section, North-South, looking west, incl. all veins:

775 etc Vein nil to very low Au values.

79 etc Vein, low values to 0.39 g/ton Au.

775 etc Vein, 0.40 - 0.74 g/ton Au.

79 etc Vein, 0.75 - 0.99 g/ton Au.

778 etc Vein 1 g and over g/ton Au.

1.81 - Foot-ounces.

Scale within %

Bralorne Geology Legend

743 - Soda Granite

737 - Diorite

739½ Greenstone - Diorite

739 Greenstone

740½ Hurley - Noel Seds.

741 - Ferguson Series

746 Serpentine

735, albite dykes, Feldspar, etc

747 or onk, Lampbrush dyke

745, or onk, Quartz vein  
with or without Au values

BRAZILORNE - NOTES

(cont'd)

July 29/73 S.E. corner Empire shaft:

Grids per 100 scale = 6283 N, 9630 E  
35 E

Grids per 40-scale, 10 lev 6282 N, 9634 E

O-N Baseline for L.V.P. & X-sec @ 576° E thru S.E. corner Empire shaft  
from S.E. corner shaft to I-W. = 17'

X-sec lines  
c 100' sp.      2E    1E      1W    2W

Keep 5.76° E Ref. line through 6250 N, 9500 E.

On 10 lev. hold S. edge of map @ 800' 'south' of Ref. line  
Note: a sep. + supp. S.E.-loc. sheet req'd for 52-54 Vns cont. in corp. on 11 lev. above layout would be O.K.

July 30 - Monday  
Plan layouts:

(A) 1 set of level plans to incl 51 and 77 veins  
from 10-lev. (no 8-lev. line) down to 2' incl at least  
20 lev.

length from (say) 100' W. of Queen of 51 vein and  
Empire fault to limit of existing workings (+ 6") to  
the southeast.

W.S. trace off in pencil on Albanene (and  
eventually keep this set for his own ref.)  
Geol. art (or service company) trace off in ink on  
mylar & keep this set bound at mine office.

(B) Reduce 40-scale geol. plans to 100-scale engaging  
Mr. Elhannay (George Smith via Bacon & Crowhurst) for  
this purpose - in so doing all lettering could be  
done mechanically (The 100-scale plans will serve as  
as the basis for 100-scale L.V.P. & X-sec  
geol. - grade/width/foot-ounce interpretations by  
W.M.S.)

(C) Prepare, as above, a parallel (overlapping) and  
adjoining southerly set tied to the prior set  
by parallel 575½° E ref. lines at appropriate  
horizontal separations.

Nov. 6. Bralorne Office Conference: Fitzpatrick, Brown, Ed Lee, etc.  
Extend current drill & tunnel program to include target  
structures outside of Crown shaft interval of 51 vein  
and east segment of 51 vein between 16 and 20 levels

### I - Defined Targets:

- (a) Explore 51 (or 51-H.W.?) structure on 26 lev. east.
- (b) Explore 51 F.W. vein, basically within general  
F-level horizons.
- (c) Explore 52 vein from 26-level and other  
workings (77?) in h.w.
- (d) Explore the relatively untested segments of the  
77, 77B, 73/75, 93 veins.

### II - Wider Geological Targets

- (a) 51-(H.W.?) structure above 26-horizon within  
the east end of the mine.
- (b) Potential new veins within S.E. corner of  
Bralorne area, in footwall of 52-vein.
- (c) Unexplored dip-intervals of 77-vein within  
east end of the Bralorne mine area.
- (d) N.W. corner of mine area under the Empire fault  
and its N.W. extension and/or the untested  
ground in the h.w. of the 77 vein, above (and,  
eventually, below) the 26-level.

W.R.B.: Accurate exploration schedules or estimates  
pending completion of comprehensive 100-  
scale composite plans of 8, 14, 20, & 26 Levels.  
(Note: supp. 40-scale drawings currently in progress)

DIA. DRILL PROGRAM - '51' & ADJACENT VEINS

"CROWN-SHAFT INTERVAL"

Logging  
George Cordaki

D.D.H. No.	INTERVAL	FT.	VEIN	SAMPLE No.	OZ/TON		REMARKS
					AU	AG	
22-4 (267')	185.0-186.5	1.5	'51'	1626	0.070	-	Q2/Alk. minor py.
do	186.5-190.0	3.5	'51'	1627	0.040	-	Nsv. Qz. 4" yellow sp.
22-3 (251')	217.5-217.75	0.25	'51'	1628	0.10	0.72	
do	228.1-228.5	0.4	'51'	1629	0.21	0.20	
22-1 (203' <del>293'</del> )	225.5-226.4	0.9'	'51'	1630	0.07	0.36	
do ( <del>244.5</del> )	226.4-227.8	1.4'	'51'	1631	0.16	0.08	
do	241.5-244.5	3.0'	'51'	1632	0.06	0.06	
do	SEE NEXT PAGE RE EXT'N.						
22-2 (446')	256-257.6	1.6	'51'	1633	0.060		
do (to be)	257.6-258.3	0.7	'51'	1634	0.010		
do (48.5)	258.3-259.0	0.7	'51'	1635	0.020		
do (640')	335.8-338.8	3.0	73/75?	1636	0.220		
do	338.8-342.2	3.4	do	1637	0.120		
do	381.3-384.7	3.4	do	1638	0.090		
do	444.7-445.2	0.5	do	1639	0.060		
do	558.5-560.8	2.3	HW'77'	1644	0.38		Only fair, but vis. best to date.
do	572.7-574.3	1.6	FW'77'	1645	0.03		vis. poor
24-3	V.V. drill break down @ 155' also (Oct 27/28 or Nov 2)						
24-3	18.0-19.4	1.4	'51'	1640	0.02		
do	30.0-30.7	0.7	'51'	1641	0.06		
do	74.0-74.5	0.5	'51'	1642	0.03		
do	79.2-80.0	0.8	'51'	1643	0.02		
do	153.7-154.8	1.1		1646	0.060		
do	182.0-185.5	3.5		1647	0.040		
24-2	162.5-163.9	1.4	'51'	1648	0.160		
do	163.9-165.3	1.4	'51'	1649	0.030		
do	165.3-166.0	0.7	51	1650	0.190		
do	179.2-180.4	1.2	51	1651	0.12		
24-4	49.5-50.5	1.0	'93'	1652	0.16		
do	249.7-257.2	7.5	'51'	1653	0.03		+ bull. qz.
24-5 (395')	222.0-222.7	0.7	51' or F-W link	1654	0.01		
do	285.7-286.3	0.6	51	1658	0.09		soda qz. 92 vlt. f. py
do	288.6-291.5	2.9		1655	0.04		
do	291.5-298.5	7.0		1656	0.03		
do	298.5-306.5	8.0		1657	0.06		
do	91.6-92.2	0.6		1660	0.34		2' mixed qz. & alb. sp.
do	333.3-334.3	1.0		1661	0.05		2" mixed alb., 30 qz. & 2" alb., 34 ff. pale green dkt.
24-6	186.0-187.0	1.0		1659	0.06		

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CONT'D DIA. DRILL PROGRAM. '51' & ADJACENT VEINS

CROWN SHAFT INTERVAL

D.D.H. No.	INTERVAL	FT.	VEIN	SAMPLE No	OZ/TON		REMARKS
					AU	AG	
24-7	57.6-61.3	3.7		1668A	0.05		
do	64.3-68.0	3.7		1669A	0.09		
do	68.0-74.8	3.8		1670A	0.18		
do	82.8-86.4	3.6		1671A	0.06		
do	94.1-95.6	1.5		1672A	0.14		
do	207.7-209.0	1.3		1673A	0.03		
do	348.0-348.4	5.4		1674A	0.08		
do	348.4-352.5	4.1		1675A	0.07		
# 22-1 Extn	547.5-548.5	1.0		1991	Tr.		
	<del>622.8-624.4</del>	<del>1.6</del>	<del>'77'</del>	<del>to be sampled</del>			
	641.3-643.1	1.8	do	1976	0.05		
	683.0-683.7	0.7	do.	1977	0.10		
	651.1-652.0	0.9	do.	1990	0.010		
21-6	376.7-381.0	4.3	'51'	1988	0.010		
21-7	256.6-258.2	1.6	'51'	1983	0.040		
do	258.2-260.9	2.7	'51'	1984	0.080		
do	260.9-261.7	0.8	'51'	1985	0.100		
do	261.7-263.0	1.3	'51'	1986	0.260		
22-7	67.8-69.5	1.7	'93'	1987	0.100		
do	148.5-149.3	0.8	'51'	1989	0.040		
do							
22-5	205.5-206.2	0.7	('51')?	1978	0.160		asp. aspy & py.
-18', (252')	224.4-229.3	4.9	'51'	1979	0.030		" " & "
	229.3-234.5	5.2	51	1980	0.160		some marip. py. aspy
	245.0-251.6	6.6	(51)?	1981	0.040		heavily alt. - sil. dr. & some marip. py. aspy.
	552.3-557.5	5.2	'77'	1982	0.070		incl. 2 small aspy bands
# 21-3	164.9-166.2	1.3	'75'?	1992	0.020		
# 22-6	212.4-214.4	2.0	'93' or '51'	1993	0.060		* Well milled harded gr. w aspy, py, smar.
	214.4-217.5	3.1	"	1994	0.050		
	217.5-222.4	4.9	"	1995	0.030		
	222.4-225.5	1.1	"	1996	0.08		
	343.4-344.5	1.1	"	1997	0.01		
24-1	94.0-94.7	0.7	'51'	1662	0.05		
do	94.7-97.0	2.3	'51'	1663	0.02		
do	130.8-132.9	2.1	'51'	1664	0.09		aspy-py.
do	132.9-135.4	2.5	'51'	1665	0.22		
do	302.5-307.1	4.6	'77'	1666	0.04		
do	385.2-389.6	4.4	'77'-FW.	1667	0.02		

CONT'D. DIA DRILL PROGRAM - '51' & ADJACENT VEINS

"CROWN SHAFT INTERVAL"

D.D.H. NO.	INTERVAL	FT.	VEIN	SAMPLE NO.	OZ/TON		REMARKS
					AG	AL	
25-3	100.6-102.7	2.1		2000	0.080		smear by copy
"	240.0-242.8	2.8		1676	0.06		" " " "
"	242.8-245.3	2.5		1677	0.10		specimen copy
"	245.3-248.7	3.4		1678	0.06		
"	248.7-252.8	4.1		1679	0.02		
"	252.8-258.7	2.4		1680	0.03		
"	258.7-260.1	1.4		1681	0.02		
"	260.1-261.4	1.3		1682	0.04		
"	261.4-262.3	0.9		1683	0.04		
"	262.3-263.7	1.4		1684	0.02		
"	263.7-265.1	1.4		1685	0.06		
"	265.1-265.9	0.8		1686	0.04		
"	265.9-268.4	2.5		1687	0.10		banded copy copy
"				1688	0.01		
25-5	70.1-70.7	0.6		1689	0.02		
"	282.5-283.4	0.9		1691	0.01		
"	395.2-400.7	5.5		1692	0.05		
"	413.2-414.5	1.3		1693	0.10		



Jan 22/75

Travel N. Van to Bralorne, look over plans 22-52 Drew ~~East~~, & discuss w Messrs Croome & Gallant. Bralorne/BoC Travel - 1

Jan 23/75

Survey 22-52 E. Dr from P38 to face. incl Topog detail, map grid " " " " " "

Transfer 20-scale (above) detail via reduction, to 40-scale plans @ office & own set. Discuss w Messrs Croome &

Draft composite 14 lev - 26 lev (+ intermed lev) on 100-scale.

Bralorne/B+C office Field - 1

Jan 24/75

Complete most of composite map of '52 Van!

Add percuss prepared layouts for prepared percuss drill test holes & discuss program w Messrs Croome & Gallant; return to North Van. Next trip?

Bralorne/BoC Field

- Focused work pending completion of prepared percuss drill tests of 22-77 & 22-52, etc vancouver

Oct. 24/74; Correlate & summarize field notes re  
explor targets; Bralorne/Boc office - 1  
Oct. 25, ~~check summaries via final review~~  
check summaries via final review  
N-sec & start prep. of schedule of exploration  
Targets Bralorne/Boc office - 1.

Oct. 28/29; make enquiries re air-leg. diadrill  
Complete schedule of Exploration Targets;  
package roll of maps & cross-sections for delivery  
to Mr. Croome; arrange prints of schedule  
& draft letter to Mr. Croome; take roll  
of days to Air Canada express  
Bralorne/Boc office - 1.

Nov. 25/74; Pack field gear and travel to Killbuck; review  
ref. mat'l (3 - P.M. - 9 P.M.) - - - Bralorne (B & G) Travel & Field - 2  
1/4

Nov. 26/74; Complete travel to Bralorne mine. Discuss 22-85  
X-C geology. Tour 22-level w/ Tip Croome, Tom Gallant,  
Peter Dougherty; thence all to 20-level for ins part  
of 52 vein. Decide shear vein intersected by  
22-85 X-C is most probably the '52' vein; but  
recommended test-hole ahead (16-18' prop. km) of  
X-C face. Bralorne Field - 1.  
Boc

Nov. 27/74;  
Fill out set of 100-scale Orange Block prints; start  
compil. of 100-scale composite. Discuss '52' exploration  
with Mr. Croome. Instruct Colin Braggioni on  
draughting supp 100-scale ref. X-sections. (Tip dep. prep.)  
Bralorne & Field - 1  
Boc

Nov. 28/74  
Complete comp. most of 100-scale composite, <sup>plan</sup> of '52' &  
adjacent geology for 'office-reference'; complete X-sec  
set 6+00E - 12+00E re '52' & adjacent detail for  
office reference in composite as composite plan. (6 hrs)  
Depart Bralorne & return to N. Vancouver (arr. 7:45 p.m.)  
for 6 1/4 hrs travel time. Bralorne/Boc Field - 3/4  
Travel - 1/2

Oct. 1/74 Draft X-Sec. grid 26-32 lev. on West  
X-Sec. set + construct X-Secs. 28 W. + 30 W. (~~28 W.~~)

Transfer 26-lev geol. + d.d.h. detail to W. X-Sec  
Set, Bralorne/BOL office - 1

Oct. 2. - Transfer 32-lev Composite geol. + ddh.  
data to X-secs. Bralorne/BOL office - 1

Oct. 3 - Complete above transfers; mark off East X-Sec.  
grid lines on h.v. slope projections and  
add to plans. Bralorne/BOL off - - 1.

Oct. 7 - Draft. prelim. outline of exploration  
targets via plan/X-Sec detail Bralorne/BOL off - 1

Oct. 14 (complete office-moving) attend to trip preps  
& travel to Preston Bar - Bralorne/BOL off  $\frac{1}{2}$   
Travel -  $\frac{1}{2}$

Oct. 15, Compl. travel to Bralorne + review  
interim 22-85 explor. progress w (A) Peter  
(B) Mr. Croome. Bralorne BOL Travel  $\frac{1}{2}$   
" " Field -  $\frac{1}{2}$

Oct. 16, Review + discuss map-set w Mr.  
Croome + P. Daignault - Bralorne/BOL Field - 1  
Continue outline explor. targets + relev. X-Sec revisions

Oct. 17, Tour + discuss '77, '85, + 52' old + new  
develop. drifts. on 20 + 22 levels w Mr. Croome  
& P. Daignault; continue review of map + X-sec  
study rel. to explor. targets + discuss in  
part w Mr. Croome. - Bralorne/BOL Field - 1

Oct. 18, Continue map + X-Sec review rel. to  
explor. targets + discuss w Mr. Croome;  
plot additional detail of '59' geol. + develop.  
Turn over West set of X-Secs to Mr. Croome.  
supper @ Peter + Peggy's. - Bralorne/BOL Field - 1

Oct. 19, Continue map/X-sec target review; plot  
supp '52' + 52 NW detail on X-sec + roughly  
define delineate di/poda granitic contacts  
on E-set X-Secs Bralorne/BOL Field - 1

Oct. 20, Clean up (E-set X-sec sheets); discuss project  
re estimate of ore reserves below 26-level  
required by Mr. Croome w P. Daignault  
(Field -  $\frac{3}{4}$ ; Travel)  $\frac{1}{2}$  → Bralorne/BOL G. Field -  $\frac{1}{2}$   
Travel -  $\frac{1}{2}$

Oct. 23, Plot '51' slope detail on E-set X-Secs  
incl. drafting on '51'-h.v.p.  
Bralorne/BOL office - 1

Aug 31/74 - Complete Composite @ 32 (incl 31, 30, + 28 levs) on 100-scale w. dath checks & replots, Incl 40/100 conversion of 31-E detail - Bralorne/BoC - Field - 1

Sept. 1/74 - Dep. Bralorne after midnight for ret. to N. Van.

Bralorne/BoC. Travel - 1

Summary: Aug 20 - Sept 1.

(Actual Field - days 11, Travel  $1\frac{3}{4}$ . Incl. 4 days on work supp. to work sched in letter)

Sept. 10 - Extend X-Sec. Sheets - (acct w.m.s.  $\frac{1}{2}$  day)  
Draught X-Sec. grid & level detail - Bralorne/BoC off -  $\frac{1}{2}$

Sept. 11 - Continue extension of X-Sec Sheets, (acct w.m.s.  $\frac{1}{2}$ )  
" draught grid & level detail - Bralorne/BoC off -  $\frac{1}{2}$

Sept. 12 - Continue extension of X-Sec Sheets (acct w.m.s.  $\frac{1}{2}$ )  
" draught grid & level detail - Bralorne/BoC off -  $\frac{1}{2}$

Sept. 13 - Complete prep. of extended X-Sec Sheets - (as above, to acct w.m.s.  $\frac{1}{2}$ )  
Bralorne/BoC office -  $\frac{1}{2}$

Sept. 16, Plot (new) 4 lev. detail on X-Secs Bralorne/BoC off -  $\frac{1}{2}$

Sept. 17 - Complete " " " " - Bralorne/BoC off -  $\frac{1}{2}$

Sept. 20 - Check & plot 8 lev. detail on X-Secs Bralorne/BoC off -  $\frac{1}{2}$

Sept. 21 - " " " " " " " " Bralorne/BoC off -  $\frac{1}{2}$

Sept. 23 - " " " " " " " " Bralorne/BoC off -  $\frac{1}{2}$

Sept 24, Compl. transfer 20 lev. detail to X-Secs Bralorne/BoC off -  $\frac{1}{2}$

Sept. 25 - On transfer of 26 comp detail to X-Secs. Bralorne/BoC off - 1

Sept. 26 - Contin " " " " " " " " Bralorne/BoC off -  $\frac{1}{2}$   
Extend X-Sec sheets 1+00W - 14+00W (to acct w.m.s.  $\frac{1}{2}$ )

Sept. 27 Compl. ext on X-Sec Sheets 15W - 20W (to acct w.m.s. - 1)

Sept. 28 - Transfer geol. & d.d. detail from 21-25 lev set of work sheets (51+22 vms) to X-Secs - Bralorne/BoC off -  $\frac{1}{2}$

Sept. 29 - Complete transfer geol. & d.d. detail to 21-25 work set + prepare X-Sec 28+30 W. Bralorne/BoC off -  $\frac{1}{2}$

Sept. 30 - Transfer, corrected 26-32 lev composite detail to X-Secs. - Bralorne/BoC off - 1

SUMMARY, SEPT. 1 - 30/74  
Work to w.m.s. & acct. - - -  $3\frac{1}{2}$   
office days to Bralorne/BoC office -  $8\frac{1}{2}$  days (4 $\frac{3}{4}$  net new days)

Aug 22/74 - Continue up-date on X-sec via DDB log  
to 26-1 (last hole); concurrently check & correct  
color <sup>arrives</sup> <sup>today</sup> prelim. ddh plots (per to final log); plot 22-77 E Dr.  
on 100-scale print. Bralorne/B&C Field - 1  
Discussions w Mr Croome

Aug 23/74 - Complete up-date on X-sec per 22-77 Dr E  
plot @ 100 scale; Discussions w Mr Croome;  
Sort & check more files for completeness of  
100-scale ref prints; do same for own  
files; list req'd 100-scale prints to  
complete own file; + list total set of  
100-scale Cronaflex Positives (negs) for  
eventual return by Calgary office. Discuss  
survey techniques w. Peter Daignault.  
Bralorne/B&C Field - 1

Aug 24/74 : Complete up-date of L.V. 10<sup>3</sup> (100-sec) on 77 &  
51-veins via 1974 data & drifting 22-25 levs.  
Discuss gen. features re ore sheets w Mr Croome.  
Draft grid for Bralorne Composite 4-lev. etc.; sort  
100-scale old-file detail & accent colouring.  
Bralorne B&C Field - - 1

Aug 25/74 : Check & supplement d.d. data on Orange-4;  
Composite about 80% of 4-lev Composite.  
Bralorne/B&C Field - - 1

Aug 26/74 : Check old ddh. plots + compl contng  
Compilation of 4-LEVEL COMPOSITE; Start  
Composite @ 8-Lev; Layout 22-85/(22-52) X-C  
via correl. 20/20 plan detail) Bralorne/B&C Field - - 1

Aug 27/74  
Complete Composite @ 8-lev via address of  
10-lev dd detail (plan & sect incl'd & plot taken)  
and 'bare' vein detail; Prelim or 14-lev Composite -  
Bralorne/B&C Field - 1

PK phone/phone bar + his number  
(next trip to New Haven)

Aug 28/74  
Complete Composite @ 14 lev + direct plots  
on 20-level; revise (amend.) ddh. logs - parties  
P.J.W 51FW + 52 detail Bralorne/B&C Field - 1

Aug 29/74  
Complete gen plots Composite + also 20 lev +  
most of direct plots + corrections (P.J.W on 51FW  
and 52 detail) on Composite - 20 lev.  
Bralorne/B&C Field - 1

Aug 30/74 - Complete general detail Composite @ 26 lev  
incl. ddh address & corrections. Start Composite @ 32  
lev. (to incl 31 rafter, etc. via new sheet.  
Bralorne/B&C Field - 1

Jan. 25/74 (Burns night)  
Continue compil. of 100-scale composite plans from  
10:30 a.m. - 10:30 p.m. excepting time on visit to Bralorne  
office opening party Bralorne/B&C office --- 1

Jan. 26/74  
Continue compil. of 100-scale composite plans from  
11:00 a.m. to 11:00 p.m. Bralorne/B&C office -- 1.

Jan. 27  
Continue above w/ 14 & 8 sec Bralorne/B&C office -- 1/2

Jan. 28 - Continue above w/ 8 sec (still require orange 4  
and orange = 8) and additions to 26 sec composite re.  
27-36 New detail. Bralorne/B&C office --- 1

Jan. 29  
- Complete subsidiary detail on composites; start  
target selection phase II explor'n Bralorne/B&C. office --- 1

Jan. 30 - Continue target selection phase II explor'n  
in concurrent 'contouring' of 16-51-20-51 E dip-  
interval. Bralorne/B&C. office -- 1.

Jan. 31 Complete prelim. selection of phase III  
exploration targets w. some additions to X-sec.  
correlations. To Bralorne office for presentation  
of compilations (composite plans) incl. geology  
and exploration targets re phase III exploration  
program. Bralorne/B&C office -- 1.

Feb. 4: Start review of M. Mines Reports for possible  
extra information on Bralorne & Pioneer  
Mines. (to 1945) Bralorne/B&C office - 1/4

Feb. 5 Complete review of M. Mines reports 1946-1970  
w. careful study of plans - Bralorne/B&C office 3/4

Feb. 6 -  
Check files & assemble maps & X-sec. for conference  
at Bralorne office; thence to Bralorne office for  
discussion of property w. Messrs Dave Bourne, Bob Heims,  
J. Arambur, and C. Mitchell; thence to B&C office  
for subsequent discussions of program w. J. Arambur - after  
long business lunch. (gross 9:30 - 5 p.m.)  
Bralorne/B&C office - 7/8

Aug 20/74 - Check files & assemble all maps; punch transfer  
prints, paper, magnetic tape; assemble all office  
equip, personal gear, check car & depart. H. Sten.  
@ 8 p.m. By mi 55 330 - Arrive Kelowna  
@ 11:45 p.m. & stay @ Fraserview Motel. prep.  
Bralorne B&C Off + travel - 3/4

Aug 21/74: Discuss Feb - Aug progress w. Peter;  
start up-dating X-sec (w. concurrent corrections  
to working plans) w. a. d.d.h. plots & assays; get  
room checked out & clean up apt. room  
Bralorne/B&C. Field - 1

Jan 13/24 - Continue E-fill-in X-secs w. checks on ddt plots + concurrent revisions of earlier X-secs.  
Supper Goldbridge (jap) Bralome/B&C Field - - 1.

Jan 14 - Continue E-fill-in X-secs w checks on ddt plots + amplify 20 and 26-level plans via file plates.  
Bralome/B&C Field - 1

Jan 15 - Continue E-fill-in X-secs, and additions and changes to prev. plotted X-secs. w concurrent checks on ddt plots via exams of ddt hole logs.  
Bralome/B&C Field - - - 1.

Jan 16 - Continue as above -  
Oversee Peter Dayman's work on Red 27-36 X-Sees. (77 Kern)  
Bralome/B&C Field - 1

Jan 17 - Complete extensions, revisions, ddt checks on 100-s X-Sees. + estab. limits of composite (over-lying) sheets.  
Bralome/B&C Field - 1

Jan 18 - Complete + modify composite sheet layout and plot part of 26 lev. geol. + ddt data.  
Bralome/B&C Field - - 1

Jan 19/Sat. Complete 100-scale composite 26-level (B-26) and start composite 20-level (B-20)  
Bralome/B&C Field - 1

Jan 20 (Sunday) Continue 100 scale composite 20-suppr Kern w ddt checks.  
Bralome/B&C Field - 1

Jan 20 Return to H. Van 2:00 PM --  
21 Charge applicable on basis that <sup>not</sup>  $\frac{1}{2}$   
(1st H. Van office previously will be covered of above)  $\frac{1}{2}$   
compilations

Jan 21. To Bralome Van. office for discussions of property w messrs. Croome, Whiting, & Bacon (12:30 - 5:0) Bralome/B&C Office -  $\frac{1}{2}$

Jan 22. Clear work tables and resume compil'n of 100-scale composite Bralome 20-level  
B&C Office - -  $\frac{3}{4}$

Jan 23. Continue compilation of 100-scale composite plans  
B&C Office - - 1

Jan 24 - Continue compilation of 100-scale composite plans  
B&C Office - - 1

Jan 1. / 74 - Continue work of - 2600' w. indicated  
ore blocks; discuss w. Mr. Croome. Complete  
all tonnage / grade calcs. and detail on sheets  
1-5, incl. Bralorne / B & C office - - 1.

Jan. 2 - see reg. diary

Jan 3 - see reg. diary

Jan 4 - see reg. diary

Jan 5 - assemble field eng. equip. (service car - wop) and  
depart N. Van. (52423 odom.) @ 3 P.M.; arrive Boston Bar &  
& lodge @ Charles Hotel. Bralorne / B & C. Travel.  $\frac{1}{2}$

Jan 6  
Drive Boston Bar to mine (bag lunch & bellows); briefly  
review (apparently low grade) assays of d.d.h. 'X's on  
'51' veins; start to up-date 100-sc. work sheets and  
sample-assay records. Mr. George Cordahi & Peter  
Daignault (new geologist) arrive in evening; all  
stay in guest house. Bralorne / B & C. Travel  $\frac{1}{2}$   
" " " " Field -  $\frac{1}{2}$

Jan 7 - Complete up-date of 100-scale '51' veins exploration  
and start up-date of corresponding X-secs; in eve,  
familiarize Peter Daignault w. Bralorne geology.  
supp. Oldidge

Jan 8. - Help G. Cordahi setup draughting table & cover top; 'extract'  
lot # 5 prints & tracings from tables, re-roll maps, move  
pencil sharpener, etc. (2 hrs. lost here); explain mapping &  
geology to Peter Daignault; continue up-date X-secs w.  
correlations. supp. Oldidge. Bralorne / B & C. Field - 1.

Jan 9, Complete up-date of 100-sc. X-secs; plot  
d.d.h. data on L.V.P.'s '51' & '77' veins; over-see  
auxil. geol. dept. work; confer on explain results;  
potential & target zones w. Messrs Croome and  
Harry Hodge (Convent). Bralorne / B & C. Field - 1.

Jan 10, Prepare additional base sheets for 100-sc.  
X-secs; over-see G. Cordahi and Peter Daignault  
work; confer briefly w. Messrs Croome & Hodge.  
attempt to phone W.R.B. (all circuit out)  
Bralorne / B & C. Field - 1.

Jan 11.  
Plot 100-scale X-secs, w. considerable concurrent  
drill log checks & re-plots.  
Bralorne / B & C. Field - - 1.

Jan 12 Continue 100-sc. X-secs new & with  
revisions & concurrent revisions to plan & d.d.h. logs  
Bralorne / B & C. Field - - 1



Dec. 12

prep. X-sec blanks &

Continue compile 100-scale X-sec 3+100W & 5+100W w.  
concord. checking on oldh logs & gen correl'n of '51' & '77'  
intercepts on X-sec.; incl current ddk plots & logs - see  
George Cordale's colouring & sec prints. (10 hrs) B+C Field - 1 ✓

Dec. 13

Up-date & re-interpret '51' & '77' Vn contours  
on 100-scale work sheets; continue compile of  
100-scale X-sec. & make revisions per revised  
plans. Over-see George Cordale's assistance (11 hrs) B+C Field - 1 ✓

Dec. 14

Continue revisions & up-dating of X-sec.  
in detail to 10+00 W (11+00 - 26+00) & to do  
over-see G. Cordale's work on sects; confer w. T. Gallant  
on current drilling, to 4:30 PM B+C Field - 1 ✓

Dec 14/15

Dep Bralorne 5:10 P.M.; stop @ Katoomba  
for supper, gas, (rest) & arrive H. Van. @ 1:00 P.M.  
w. maps etc for Van. office. -- B+C net travel - 1/2 ✓

Dec. 17

Compile and check pre-X-sec priority ddk holes and  
visit Bralorne office to deliver maps & K.V.P.S., let #5  
maps (to clarify and colour) to Mr. Croome. B+C Office - 1/4 ✓

Dec. 20

To B+C office for brief discussion of program, then  
to Bralorne office for discussion of sched. exploration &  
rel. details w. Messrs Bacon, Croome, & Fitzpatrick -  
followed by brief inspection of Bralorne maps w.  
Mr. Croome;

Bralorne / B+C Office - - 1/2 ✓

Dec. 27

Prepare 100-scale L.V.P. / PLAN (Sheet 1) composite  
from 1" = 200' and 40' Bralorne mine detail provided  
by Bralorne (Mr. Croome) Bralorne / B+C office - - 1 ✓

Dec. 28

Continue above, with ensuing interpretation  
of No 3 vein contours below 2600 level. Start delin  
of indicated ore blocks and X-C fddh layouts. Bralorne / B+C office - - - 1. ✓

Dec. 31

Complete ddk layouts, ore block calcs and  
measurements of X-C and ddk footages. Advise  
Mr. Croome re. progress on assignments. Bralorne / B+C office - - 1/2 ✓

Nov. 22: Complete drill hole layout sheets, revise d.d.h. layouts on personal ref. sheets. Continue prep. of 100-scale X-sec. w. supp. d.d.h. research. B+C Field - - 1.

Nov. 23 - Complete fill-in 100-scale X-sec. to 15700E. Confer w. staff re. interim projects; assemble maps & files & ret. to W.H. to 3:00 p.m. B+C Field - - 1

Nov. 26 - Check drawings (Tot. #5) and submit to M. Sch. atging B+C

Nov. 9 VISIT - w. mine d.d. core samples to alt. C. Mitchell office - 1/5

Dec. 5/73 - Assemble maps, notes, purch. (pencils) office supplies & drive to Siska Motor Court. B+C Travel - - 1/2 ✓

Dec. 6/73 - Jack out car (1 hr) & travel to Bulame (2:15), up-date records following re-cap w. Tom Ballant. D. Burns Prof. mgr. for part week. B+C Travel - - 1/2 ✓  
B+C Field - - 1/2 ✓

Dec. 7 - Continue up-date current drill hole layouts & records, and comment on T.G. (office copies 100-scale drill hole) on basis to current plots vs. orig. (Nov. 22) d.d.h. layouts:  
Noted on Nov. 22 layout for # 21-1,  
" our Nov. 22 revision of the orig. 300' @ 0° from 22-L @ 10700 W.  
" our # 22-5 S.D. changed & recomm. still drill  $\approx 550' @ -18^\circ$   
" our # 23-1 to be omitted from immed. sched. holes.  
" (and that this is only a "provisional" layout)  
" that # 24-7 compl. @ present is not on Nov. 22 layout  
- Go through all old logs to date of w. plots & specify add'l sampling. B+C Field - - 1 ✓

Dec. 8 - Continue compil. of 100-scale X-sec. (incl. 17000, 18000 W) w. checks on old drill hole plots. Move personal gear out of apt. & guest house (temp. for 2 nights); Gather up some P. Weinhaupt gear, (10 hrs) B+C Field - - 1 ✓

Dec. 9 - Cut sheets from Albanese roll, & draft 9-100-scale X-sec. blank sheets (min. job. on this) and continue compil. of fill-in 100-scale X-sec. B+C Field - - 1 ✓

Dec. 10 - Continue compil. fill-in 100-scale X-sec. - now compl. at each 100' strike-spacing from 8700W - 26700; search linears 18-26 lines for add'l "F.W. holes" not incl. on 100-scale prints and add to X-sec. via indiv. d.d.h. plots. Confer w. Tom Ballant re. priority-scheduling of current drilling (incl. map blank & sheets) B+C Field - - 1 ✓

Dec. 11: Up-date 100 scale 51' drill record sheets via gen. assay plots & contours interp'n; Continue compil. 100-scale fill-in X-sec. incl. up-date & revision of earlier compil. via. new d.d.h. data; Prep. add'l X-sec. sheets (incl. prep. blank X-sec. sheet) B+C Field - 1 ✓

28 VISIT  
Nov. 14/73 - Assemble field maps + notes; Travel to  
Boston Bar; weather overcast - damp to dry + partly clear  
mild,  
B+C Travel - - -  $\frac{1}{2}$

Nov. 15

Dep. Boston Bar after wipes + washer repairs, lunch @  
Lillooet, and arrive at mine @ 3:45 P.M. 2" snow  
at Lillooet to 6" @ Gold Bridge to 2' @ Bralorne mild.  
Check interim progress on 29-lev drilling w. George  
Paul absent to arrange details of his lubrication contract  
w. Bralorne (due back next Tues - Jim L.)  
T. Gallant absent to bring his wife back from Calgary  
(expected back today - Jim L.). Phone Barbie arr. O.K.  
Sort out mix-up of 100-sc. maps; add ddh's omitted (G.L.) Red 27, 36.  
B+C Travel - - -  $\frac{2}{2}$   
B+C Field - - -  $\frac{1}{2}$

Nov. 16 (Fri.)

A.M. Up-date '51' drill-hole record + 100-scale work  
sheets, and discuss possible changes to current layouts  
w. T. Gallant. (Paul absent). Search vault + recover 20 lev.  
east-end geology and apply to Blue-20 sheet after adding  
missing details from ddh logs. Up-date 100-scale X-secs  
w. current dd. detail. B+C Field - - - 1.

Nov. 17 (Sat.)

Continue foll. on 100-scale X-secs in drill area;  
Discuss, identify, + compare to explor. drill drilling  
and gross potential or reserves of various  
target sects of veins (today 77 and 51)  
B+C Field - 1

Nov. 18 (Sunday)

W. J. J. C. on planning + plotting + estim. addnl  
layouts to extended drill program on '51', 77 E -  
extension. B+C Field - 1

Nov. 19

Continue w. plotting, planning, estim. +  
supp. dd geometries w. J.J.C. for extended drill  
program on 51 E-W, 77 E. incl prep of working  
(estimation sheet) 100-sc. L.V.P. on 77 vein above 26-lev.  
B+C Field - - 1

Nov. 20

Continue plotting, planning + estimating "potential"  
or 'speculative' ore blocks w. J.J.C. '51 E-W', '52' etc veins;  
Continue L.V.P. 77 vein w. plots of serpentine and Empire  
Fault + start delin. of 'azimuths' of vein segs over  
14-26 lev. interval; participate in conference w. Messers  
Cronquist, Fitzpatrick, Croome, and Collins.  
B+C Field - 1

Nov. 21

Continue prep. of 100-scale full-min X-secs; return to confer.  
+ discussion of ddh layouts '51' + '77' vein w. J.J.C. and  
all res. + Van Bralorne atuff until 8:15 P.M.  
B+C Field - 1

Oct. 31/73 <sup>plan</sup> + Prepare enlarged N-sec. sheets for mine E-end; plot vert. & horiz. projections of drill holes to be shown on above set; inspect surface diverts, quartz and soda granites exposures w. Paul, Confer w. JW & advise re. drilling (22-3) B+C Field - 1

Nov. 1/73 - Continue prep of enlarged N-sec. sheets over Eeast end of mine workings; Familiarize Hal Collins w. Bralorne geology and current Crown-51' exploration program; over-see & instruct on airtel. geol. work; Further advice on current drilling. (10 hrs) B+C Field - 1

Nov. 2/73 - Continue prep of enlarged N-sec. <sup>w. airtel. drill hole plots</sup> & extensions of prelim. set; Discuss objectives of geological compilations w. Messrs Wainwright & Gallant; (10 hrs) B+C Field - 1

Nov. 3 up-date drill hole plots; and advise P. Wainwright re. forgeries on 22-2 and 22-1 (J.V. on 24-3 still non-op) assemble samples & maps for Mr. delway; Pursue sched. of interim airtel. for geol. dept to Paul, Return to H. Lab. B+C Field - 1

Nov. 4 - service car & rest up -

Nov. 5 - Deliver <sup>8 lev (pot #4)</sup> maps to Mr. Elhannay w. instructions re. reduction & printing & discuss delay on invoice payments w. J. Croome & Mrs. Jacques, B+C office - - 1/2

Nov. 6 To B+C office; thence to Bralorne for confer w. MRB, N.C. Croome, C. Mitchell & J. Cronhurst, followed by confer. w. Messrs. Elypatich, Croome & Mitchell. Ret. H. Lab. @ 5:30 p.m. B+C office - - 1

Nov. 7, - nil.

Nov. 8; Successive phone conversations w. C. Mitchell; to town to pick up pot #4 (8 lev) maps, prints, mylar; check & re-wrap for transport; B+C office - - 4

Nov. 9. Consecutive ph calls w. C. Mitchell re. maps & confer; assemble data, list target areas; thence to Bralorne office for afternoon - eve. confer. w. Messrs. Ed. Lea, N.C. Croome, C. Mitchell

Discussions, arrangements preclude other work B+C office - - 1

Nov. 11/12/73 - nil.

Nov. 14 - assemble field maps & records & travel to Boston Bar. Weather damp to dry, cloudy to clear B+C travel

Oct. 18/13

Search Ad. logs for additional geological information on 18-19-20/51 East + 20/51 East. Supervise assistant office projects; discuss geological controls in P.M.; continue compit of 100-scale X-sec. B+C Field - 1.

Oct. 19

Continue 100-scale X-sec. compit until Top Brown call re estimate of expected grade on '51' depth extensions; search records on this in Jack Crawford + P. Weiskaupt + compile assay plans of 14, 15, 16 lev 51-east are gone in prep for imp. W.S. W. Bacon Brown etc confer at Bralorne office on Monday. B+C Field - 1

Oct. 19/20

Prep of travel chgt - B+C net travel -  $\frac{1}{2}$

Oct. 22, to B+C + Bralorne office re confer; thence to County, McElhenny to pick up set #3 drags; check thro B+C office -  $\frac{3}{4}$

Oct. 24, to McElhenny to pick up bal of drags, B+C office -  $\frac{1}{4}$

### #7 Visit

Oct. 26 eve - Pick up T. Gallant at Sands Motel and drive to Boston Bar (after assembly of maps + office eng equip. @ 7 PM - 11 PM) Charles Hotel + B+C net travel -  $\frac{1}{2}$

Oct. 27, Travel Boston Bar to Bralorne; Review + discuss (off. + RW.) interim (since Oct. 19) progress on drilling, esp. of 16-level + Paul's appraisal of (and granite) geology; w. T. Gallant on his prelim inspection + study of maps. B+C Field - 1

Oct. 28

Up-date and revise geol. + d d drill results on 100-scale layouts + personal ref. sheets; review 8-lev plans w. T. Gallant + instruct on prep. of tracings. B+C Field - 1

Oct. 29 - Reduce 40-scale tracings + prints for filing; augment detail on (P.W.) 100 scale print Orange - 14. Check drilling progress; inform Bill, Jack + Chris Mitchell. B+C Field - 1

Oct. 30: Continue protracted re-plot of ddh data on augment same on Orange - 14 w supp construct of ddh's 918, 931, 1076, 1081, 1111, etc. Confer w. P.J.W. on alterations + addns to sched ddh's. - B+C Field - 1

Oct. 9/73 - Travel Boston Bar - Bralorne (arr. 1:30 pm)  
Review interim progress at Bralorne office.  
Discuss current drilling, noting # 22-4.  
hit gtz @ 162-166' (tot length 260').  
Prep addnl gridded 100-sc X-sec sheets.  
Tot. 4 hrs travel +  $\frac{3}{4}$  field  $\rightarrow$  B & C. Field - 1

Oct. 10 : Continue compil. of 100-scale X-sec. to  
X-sec 24+00 W; reconcile X-sec elev. w.  
L.V.P. elev. & other sources; discuss X-sec  
drilling & avail. drilling stations w. J.  
Cromhurst. B & C. Field - 1

Oct. 11 : Continue (2+ complete) compilation of 200' spaced set of  
100-scale X-sec. to 26+00 W; Start addnl  
of pitot panel, sloped intervals, and applicable  
array data; confer & length w. W. Bacon  
& Bralorne staff; inspect core # 22-4.  
B & C. Field - 1

Oct. 12 : Review & modify X-sec; various  
discussions w. W. Bacon, J. Cromhurst, & briefly  
w. Mr Croome.  
B & C. Field - 1

Oct. 13 : Complete review, modifications, & additions to  
all of prelim set of 100-scale X-sec.  
B & C. Field - 1

Oct. 14 - Review 100-scale geol maps & X-sec & L.V.P.  
w. Messrs Bacon, Cromhurst, Weiskaupt w.  
ref. to scheduled drifting & dia drilling.  
B & C. Field - 1

Oct. 15 - Review each level in detail in  
conferent. w. X-sec & L.V.P. w. Messrs Bacon  
(Cromhurst, Weiskaupt, & Zaporozan re access)  
and revise and/or extend prelim ddb layouts  
w. supp long-range ddb layouts; Study  
40-scale contours of 20 and 60 levels w. ref.  
to longer range potential to N.W. of 51-sec  
vein segment.  
B & C. Field - 1

Oct. 16 - Continue compil. of 100-scale X-sec, beginning w.  
15700 E, 14700 E, and "filling in" 5700 E, 3700 E, w.  
corollary log checks, supp plots & re-plots of ddb hole  
plots. Croome & Williams arrive at noon; leave  
geol. fill-in to P. Weiskaupt. B & C. Field - 1

Oct. 17 - Revise 26 lev. East ddb layouts (for test of  
E 87 & E 105 sulphides on dia ddb side granite respectively)  
up-date 100-sc prints w. revised & addnl ddb layouts, note  
DDM 22-1 getting 2', 2 $\frac{1}{2}$ ', etc (?) kerolite; continue 100-sc X-sec;  
confer w. Mr Croome etc  
B & C. Field - 1

Sept. 24 - Monday -

Complete detailing of 100-scale L.V.P. 51/53 vein w. plot of stipes, Empire Fault Zone strands, and outline of 77 Drifts in 20-26 lev. interval. B+C. Field - 1

Sept. 25 - Tue

Transfer 100-sc. L.V.P. 51/53 plot zone data to 100-scale plans. - Went by Tom Ballant; var. discussions. B+C. Field - 1

Sept. 26 - Wed

Complete transfer 100-sc. L.V.P. data to 100-sc. geol plans 20-26 lev; interpret lode trends per 20 & 26 lev geol and local interests of 51 vein on 21-25 lev incl.; plan spread of 100-sc. X-secs and start prep of X-sec sheets. B+C. Field - 1

Sept. 27 - Thurs

Construct 100-scale X-Seccs 13+00 E, 11+00 E, 9+00 E, 7+00 E w subsidiary research on d.d.h. A's.; Review 77 Vn assays & geol w messrs. Weisshaupt & Cummings. B+C. Field - 1

Sept. 28 - Fri.

Continue 100-scale X-Seccs 2+00 W, 4+00 W. (gen. 51/53 plan) B+C. Field - 1

Sept. 29 - Sat

Continue 100-scale X-Seccs, 6+00 W; prep. addnl X-sec sheets; confer in detail w. J. Cronquist. Dep. Pralorne 4:15 pm → N. Van. B+C. Field - 1

Sept. 30 - Oct. 3 inclusive - no work on Pralorne project.

Oct. 4 (N. Van): Prep gridded X-sec sheets & start 8+00 W; Review status of work & acc'ts by M. Elhannay.

B+C. (North Van) off - 1/2

Oct. 5. (N. Van) Continue compil'n 100-scale X-Seccs.

B+C. (North Van) off - 1

Oct. 6 - " " " " " " (N. Van)

B+C. (North Van) off - 1

Oct. 7 - review & supplement detail in above - N.C.)

Oct. 8 - Start # Co. Visit

(N. Van) - Complete 100-sc. X-sec 13+00 W. B+C. (N. Van) off - 1/2

- Travel to Boston Bar. Travel - 1/2

Start # 5 Visit

Sept. 18/73 per red (U. Var. office) diary - B+C. office -  $\frac{1}{2}$

Assemble maps & equip + travel U. Var.  
to Boston Bar (Charles Hotel) - B+C. Travel -  $\frac{1}{2}$

Sept. 19, Travel Boston Bar to Bralorne, B+C Travel -  $\frac{1}{2}$   
at mine office review work accomplished by Jim & Webb; continue prep of Bar chart for geol. dept schedule. (B+C Field - 1)

Note - (See memo. attn. Geol. Dept., Sept 13/73/wmm) B+C Field -  $\frac{3}{4}$   
Work done by mine staff (Webb & Jim) (Paul away to Alta) since last Fri morning:

all 40-scale geol. sheets of first lot coloured & rev. revised dia drill holes & new d.d.h. layouts (Crown Shaft Interval "of '51' vein).

Yet to do: plotting standard assay data all veins of '77, '78, '73, '75, '93' vein system from linears; plotting of first-g data on '77' vein as shown by 100-sc. L.V.P. on '77' vein.

all colouring, d.d.h. corrections of 2nd lot of 40-scale + 100-scale level plans.

Sept. 20

A.M. Discuss gen. details of geol. dept. projects w. Messrs Weiskaupt & Cummings - noting those rel. to B+C. phase (to approx Nov. 15) of project supervision (later organization up to Bralorne staff). Discuss details of diamond drilling, core and vein sampling, and our part in organization of facilities w. Messrs. Crome and above.

afternoon: with Paul to measure up and detail existing (a) assaying (b) sample prep. facilities for Paul's prep. of sketch plans for (a) boring lab. and (b) our carpenters.

Also, (aft. & eve) wmm prep. detail plans for kills of material for construct of traps and shelves for flat storage of maps. B+C Field - 1

Sept. 21 - continue schedule w bar chart above.

check & direct coord. office work; B+C Field - 1

Sept. 22

Complete estimated work schedule (review plan of d.d.h. layouts w. P. Weiskaupt); furnish Memo. Re Estimated Work Schedule to W. Bacon. B+C Field - 1

Sept. 23/73 - Sunday: Clarify of 100-sc white prints 20-26 lev. w. add'n's & extensions to grid, workings, d.d.h. etc, and up-date rel. 100-sc. mylars; Discussions w. P.W. & W.C. re geology, drilling, etc. phone P.H. eve (Nifty, Purthony & m. etc) B+C. Field - - 1



Cont'd # 3 Visit - Malome

Sept. 8/73 - Saturday:

Complete Brown 14 level sheet, Discuss & outline geol. dept. interim assignment w. Paul, Return to H. Van. B+C Field - 1

Sept. 9/73

per Sept 8-9 ret to H. Van - B+C Travel - 1/2

- Sept. 10 - see office record - B+C office - 3/4

# 4 Visit, Malome.

Sept. 12/73

Depart H. Van @ 7:20 w J. Cronquist and travel to mine, arriving @ + 4 p.m. Discuss geol. w. Jack, Bill B., Tife Croome until supper and after supper with Bill Brown & Webb Cummings over 40/100 plans. (travel via Jack's & Tife's cars) split: B+C Travel - 1/2  
B+C Field - 1/2

Sept. 13/73

With W. Bacon (and Webb Cummings) on drill-hole layouts to test interval of '51' vein (and locally east extent of '77' vein and '51' H.W. country) from workings currently accessible from Crown shaft.

Draw up schedule of above with Webb and check w. W. Bacon. At various times through day confer on, and discuss above program w. Messrs Bacon, Cronquist, Croome, and Thompson.

Draw up geol. office work sched. in evening.

(car-mil) B+C Field - 1.

Sept. 14/73

Complete schedules for interim geol. dept. asgmt. Pencil in Sept. 13th drill layouts and discuss transfer of this & other data w. office staff. Assemble maps to be left and maps to be taken to Van.

Travel to H. Van w. W. Bacon and discuss and outline (pencil) org'n, personnel and asgmt. scheds for geol. dept. Receive <sup>#2 lot</sup> maps from McElhanney.

7 a.m. - 5 p.m. - 10 hrs → B+C Field - 1.

Sept 15/Sat - other work etc @ H. Van

Sept 16/Sun - see office record

Sept 17/Mon - see off record.

Sept 1/73 - Sat.

Complete Brown - 19 Lev. Sheet, Start Brown 18 Lev. Sheet; instruct Jim Tedbetta <sup>ged.</sup> draughtsman on clarification of grid & colouring 100-scale map. Paul to H. Van with family.

(Jim + wrons) (10 hrs) - B+C. Field - - 1.  
(Car 2)

Sept 2/73 - Sunday

(On mt. S. + Surprise layouts & letter - see red pocket book)  
Check over geol. draughtsman's office work. Add small over-lap dia drill detail, to current tracings.

(Jim 1 day off) (8 hrs) B+C. Field - - 1.  
(Rem aft. cleanup, laundry, reading, etc) (Car 2)

Sept 3/73 - Monday

Complete Brown 18 sheet; review d.d. lithology on linings w. Jim Tedbetta and outline methods of correction on 40 & 100-scale compilations.

(11 hrs) - B+C. Field - - 1.  
(Car 2)

Sept 4/73 - Tues

Draught grid & complete + 60% of Brown - 17 level; check w. Jim on dia drill plate 40 & 100 scale and with Paul on geol dept schedules. Move to little room + (also copy) in eve and cut wood & discuss various geol. features and problems - - geol day

(5 hrs) B+C. Field - 1  
(Car 2)

Sept 5 - Wed.

Complete Brown - 17 level; detail various geol. draughting assignments for Jim Tedbetta w. attend discussions w. Paul; discussions w. J. Brauhorst, & briefly w. T. Roome. Complete + 1/3 of Brown 16 level.

3 hrs B+C. Field - 1  
(no car; car left at Paul's)

Sept. 6 - Thurs

Instruct & oversee see various asst. assgts. Discuss Green 14-15-16-17 Composite Sheet w. Paul; Complete Brown 16 Lev.

10 hrs B+C. Field - 1  
(no car) " "

Sept. 7 - Friday

Complete Brown 15 & Start Brown 14 sheet (currently uppermost of Brown set). Direct & check various supplementary geol work by assistants.

3 hrs B+C. Field - 1

AUG. 16 / 73 - THURS

CHECK TED MCLEOD LAYOUT OF BROWN TEMPLATE; FIND IT TOTALLY WRONG. INFORM T. MCLEOD THAT HE DOES NOT HAVE THE CAPABILITIES FOR THIS WORK, AND THAT HE SHOULD NOW RETURN TO VANCOUVER (A REPORT TO B+C TOMORROW; ph. J. Crouhurst)

CLARIFY # 26 LINES + PLOT ON RED-26 40-SCALE.

Jack (phone) advises all of us to attend conference Aug. 26-27 w. F. Joubin; 1st priority will be explor'n of '51' vein in 20-26 lev interval. (10hrs) B+C Field - - 1

AUG. 17 - FRI.

Complete Green grid template & 60% of Green-26/20 sheet. Depart Gralorne 5:10 P.M. + ret. to N. Van.

(B+C Field - 1)  
(Ret. travel to cons. acct.)

BRALORNE - 3<sup>RD</sup> VISIT

AUG. 28 / 73 - TUES

Depart N. Van @ 7:00 P.M. + arrive mine @ 2 P.M. (incl. long wait for lunch @ Helland)

Check Jim Ledbetter work & his construction of Brown template (slightly off) - Check 100-scale Krokaflex. + re-mark map titles. (Car 2)  
B+C Travel -  $\frac{1}{2}\checkmark$   
" Field -  $\frac{1}{2}\checkmark$

Aug. 29 / 73 - Wed;

Prepare Brown templates in duplicate to facilitate joint plotting of 40-scale undgd. detail. Ted

Discuss general features of project with memrs. Grove and Pearson(?) of B.C. S.M.

In evening complete duplicate template and re-draft prelim (written) schedule re. office work rel. to immediate undgd. explor'n (51-vm) program.

(10hrs) B+C Field -  $\checkmark$   
(Car 2)

Aug 30 / 73 - Thurs.

80% completion of Brown 20-lev. Sheet; coord. assistant applic'n of elevs. on 40-scale prints. Discuss L.V.P. control w Paul.

(10hrs) B+C Field -  $\checkmark$   
(Car 2)

Aug. 31 / 73 - Fri

Complete Brown 20 lev Sheet and 60% of Brown 19 lev. Sheet; coord. ant. work.; discuss L.V.P. detail regard for interp'n w P. Weiskopf; Discuss progress w J. Crouhurst. (Phone P.H. in eve.)

(10 1/2 hrs) B+C Field - 1  $\checkmark$   
(Car 2)

1978

BRALORNE - 2<sup>ND</sup> VISIT

AUG. 7 : PICK UP SUPPLIES @ WESTERN TECH. - DEPART N. VAN @ 9:30 P.M. ARR. BOSTON BARR @ MIDNIGHT.  
B+C TRAVEL (ETC) - 1/2

AUG. 8 DEPART BOSTON BARR @ 8:30 A.M., ARRIVE BRALORNE @ 12:30 P.M.; DISCUSS CHANGES TO MAP ORIENT. & ACCEPT S. & E. VIEWPOINT. REVISE TEMPLATES 1-5 P.M.; 8-10 P.M. B+C TRAVEL - 1/2  
B+C FIELD - 1/2

AUG. 9 : COMPLETE REVISION OF TEMPLATES TO CONFORM TO S. & E. VIEWPOINT OF DETAILS; 90% COMPLETE RED 20 LEV. SHEETS; DIRECT T. MCLEOD AUXIL. DRAUGHTING  
B+C FIELD - 1

AUG. 10 ALSO CLARIFY LINENS  
COMPLETE RED-20 LEV & BLUE 20-LEV. SHEETS; DRAW (TEMP.) GRID ON RED 21 LEV. SHEET; DIRECT T. MCLEOD ON PREP. 100-SC. L.V.P. FOR EVENTUAL FOOT-02 & D.D. & GEOL. DETAIL; DISCUSS PAUL'S WORK RE 52 V.H. L.V. & D.D.H. MIN. GRADE (FT-02) DELINEATION  
ASST. TEND TO SLIPPAGE B+C FIELD - 1

AUG. 11 CLARIFY LINENS  
COMPL. BLUE-21 GRID AND, APPLY GEOL. & D.D. DETAIL TO RED & BLUE-21 LEV. SHEETS; PREP GRID RED-22 LEV. MAKE BRUEF INSPECT. OF 8 LEV. GEOL. W. PAUL; DIRECT T. MCLEOD SUPP. WORK & CONFER W. PAUL ON TARGETS  
CLARIFY LINENS (local car) B+C FIELD - 1

AUG. 12 COMPLETE GEOL. DETAIL RED 22-LEV. AFTER CLARIFY LINENS; DIRECT T. MCLEOD AUXIL. WORK ON OLD LINENS & DISCUSS ACCESS SETW. W. PAUL. (local car) B+C FIELD - 1  
COCKP.

AUG. 13 : DISCUSS COVERAGE W. PAUL & SET UP A SECOND RED GRID SHIFTED 500' E & RE-PLLOT 22 LEV. DETAILS; DIRECT T. MCLEOD AUXIL. WORK. B+C FIELD - 1  
Clarify & take off 23-lev geol, (local car)

Aug. 14 Complete 23 lev. detail and 95% of 24-lev. geol. & explore detail on linens (local car) B+C Field - 1

Aug. 15 Confer w. Paul on location of Brown & Green blocks and decide to move 60' N. to include Crown Shaft. Test T. McLeod draughting aptitude via (M.A. instruct) to prepare a 40-scale template for Brown grid; as depicted on the 100-scale composite - - - results no aptitude (T.G.) Refurbish 25 lev. linen & plot Red-25 lev. Complete 90% set-off of Red-26 grid (local car) B+C Field - 1

1973

BRALORNE - 1<sup>ST</sup> VISIT

JULY 26: TO B+C OFFICE 10:AM. - 4:PM.

CAR REPAIRS (SHOCKS) 4:30 - 6 PM

W.M.S OFFICE - 6:30 - 7:30 P.M. incl. phone

CALL TO R. DAY, FLORIDA

PACK FOR TRIP + HAVE SUPPER: 7:45 - 9:30 AM

TRAVEL W. VAN - BOSTON BAR 9:30 PM - 12:00 P.M. - 1 ✓

JULY 27

TRAVEL BOSTON BAR - BRALORNE W. STOP AT LILLOUET

8:30 A.M. - 12:00 P.M.

1:00 P.M. - 4:45 A.M. - RECEIVE GENERAL BRIEFING  
ON CURRENT GEOL. COMPILATIONS, MAP FILES &  
TRUCK TOUR OF SURFACE AND BACK TO OFFICE.

4:45 - 6:00 P.M. SUPPER

6:00 P.M. - 9:30 PM. OFFICE ON MAP STUDIES

B+C. ~~FIELD~~ 1/2, FIELD - 1 ✓

July 28

DISCUSS OUNCE-FOOT SYSTEM OF VEIN EVALUATION w. PAUL;  
CONTINUE w. PLOTTING EMPIRE FAULT AT PROGRESSIVELY  
DEEPER HORIZONS THROUGH MINE AND, AT SAME TIME  
CLARIFY COORDS ON 40-SCALE LINENS -  
(PAUL DEPART FOR 3-4(?) DAY TRIP TO BRALORNE  
PROPERTY AT ROBB LAKE - PAUL VERY HELPFUL!

B+C FIELD - 1 ✓

July 29

COMPLETE TRANSFER OF EMPIRE FAULT FROM 40-SCALE LINENS  
TO 100-SC. COMPOSITES (2); INSPECT LINENS BELOW 20-LEV.  
(LAST OCCURRENCE OF EMPIRE FLT. ON PLANE); TO LITTLE CROWN LAKE  
w. JACK AND ROY AFTER SUPPER; RESUME WORK LATE EVE. <sup>B+C</sup> FIELD - 1

July 30

COMPLETE LAYOUTS FOR 4 BASIC MAP SITES AND  
CHECK COVERAGE w. REF. TO 40-SCALE LINENS.

B+C FIELD - 1 ✓

July 31

CHECK ABOVE AND 'MOVE' 51/77, 10-W-39W SET; LAYOUT  
TT + F.W., 4W-20E; CHECK MAP FILES FOR DOSS. X-SEC.  
DETAIL; MOVE 100-SCALE LAYOUTS 100' - 200' SOUTH w.  
MINOR E-W ADJUSTMENTS; WORK TO 10:30 P.M.  
(PAUL STILL AWAY)

B+C FIELD - 1 ✓

AUG. 1

COMPLETE ABOVE. 100-SC. RED, BLUE BROWN, GREEN, &  
ORANGE SHEETS; PREPARE 40-SCALE TEMPLATES (COORDS  
& SECTIONS) FOR RED & BLUE SHEETS; PENCIL UP  
LINENS WHILE P.R. VISITORS TAKE OVER OFFICE.  
WORK TO 10: P.M. w. REVIEW OF D.C. REPORT, ETC.

B+C FIELD - 1

AUG. 2

GEN. COMPLETE 20-LEV. 40-SCALE GRID LAYOUT,  
COMPLETE REVISED RED & BLUE BLOCKS ON 100-SC.

ON PRELIM. FAMILIAR'N & INSTRUCT. OF TED McLEOD B+C Field - 1

AUG. 3

CONTINUE PRELIM. FAMILIAR'N & INSTRUCT'N T. McLEOD  
AND WORK WITH MIKI ON CLARIFY. OF 40-SC. LINENS  
OR 20-LEV. WITH JACK C. & TED McL. TO UNISE, ETC.,  
& SALVAGE OLD MAPS & BEDS

B+C FIELD - 1

- DEPART FOR N. VAN @ 4 PM (NO TRAVEL CHG.)

Prelim Notes - Bralorne.

\* 77/53 E/W.

\* 51/55 E/W.

(A) Recomm Prelim Exploration Program  
LOWER MINE. 100-SCALE L.V.P.'S  
SHOW '51'/53' VMS.

(52) Is decline on the vein?

(1) Where would drill sta for 5-hole fan be? <sup>Pull:</sup> on X-C from Queen Shaft to 77-X-C.

Tonnage factor used?

(2) on what level?

prob from above sta.

Pull sta. where? shaft sta.?

UPPER MINE

P.3.

(1) Drill position from existing workings?

P.4.

(3) Relationship '52' to 51 vein? (para parallel.)  
( '52' well in f.w. of 51 EW vein.)

Re J.C. Memo concerning conversation re F. Joubert.

P(5)

(5) - Do we have these papers?

Might be useful to have Bill's plan on which his longit. Vert. section was based.

Letter of introduction/authorization re W.D. assy @ mine.

Ref maps GSC map 431 A - Cadwallader Cr Area.

GSC map 430 A - Gun Lake Area.

GSC Fig. 2 - Geol. Plan Bralorne & Pioneer Mines.  
C.F. Curves.

General Notes - Bralorne:

W.B. & J.C. /:

Very little detailed vein geology recorded.

This could be important in view of pos. factor of local control by 'splits' (incl. textures & plots unknown?)

Probable that W.M. would not have enough time or exposure to match F. Joubert's <sup>or local geologists'</sup> knowledge of the intricate textural relationships or significance of these & mineralogical features; Hence best to undertake thorough & structure analysis, and hope that more data will come to allow more definition than appears possible at present.

B. Co. Industries, 1186 W. Hastings St.

Balorne Anne - Goldbridge 120 (or 110)

300	150 7/8 yrs	used,
50	11 yrs →	150,000
		4
		150,000
		150,000
		1,650,000

Balorne to 1971 - \$ 5.5 million

Primer a x a 1971 - \$ 2.5 million