Exploration Chances

861752

King Property:

- not much encouragement above the well-explored 20th level
- below 20th level is WILDCATTING COUNTRY

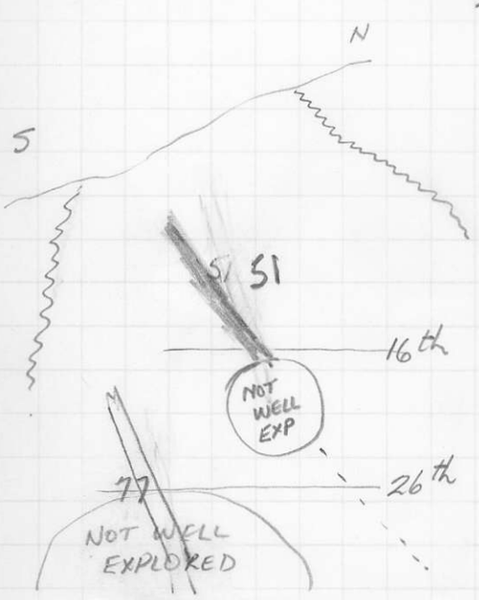
Pioneer Property

- records not available below 9th level
- good exploration above 9th.
- management good reputation for thorough exploration
- probable WILDCATTING COUNTRY.

Bralorne.

(1) Campbells areas A B & C above 8th level [Bralorne] would be a wildcatting venture.
It, as a sole venture, wouldnt make sense as it is really only a wildcat test of a limited accessible area, a token programme that would not investigate the areas of better potential but might discourage a more intensive deeper test.

(2) Below Bralorne 26th level.
~ generally (not invariably?) the workings below 26th were confined to developing the 77 vein. With the exception of the 32nd level west there was very little on-strike exploration and even less across-the-strike exploration

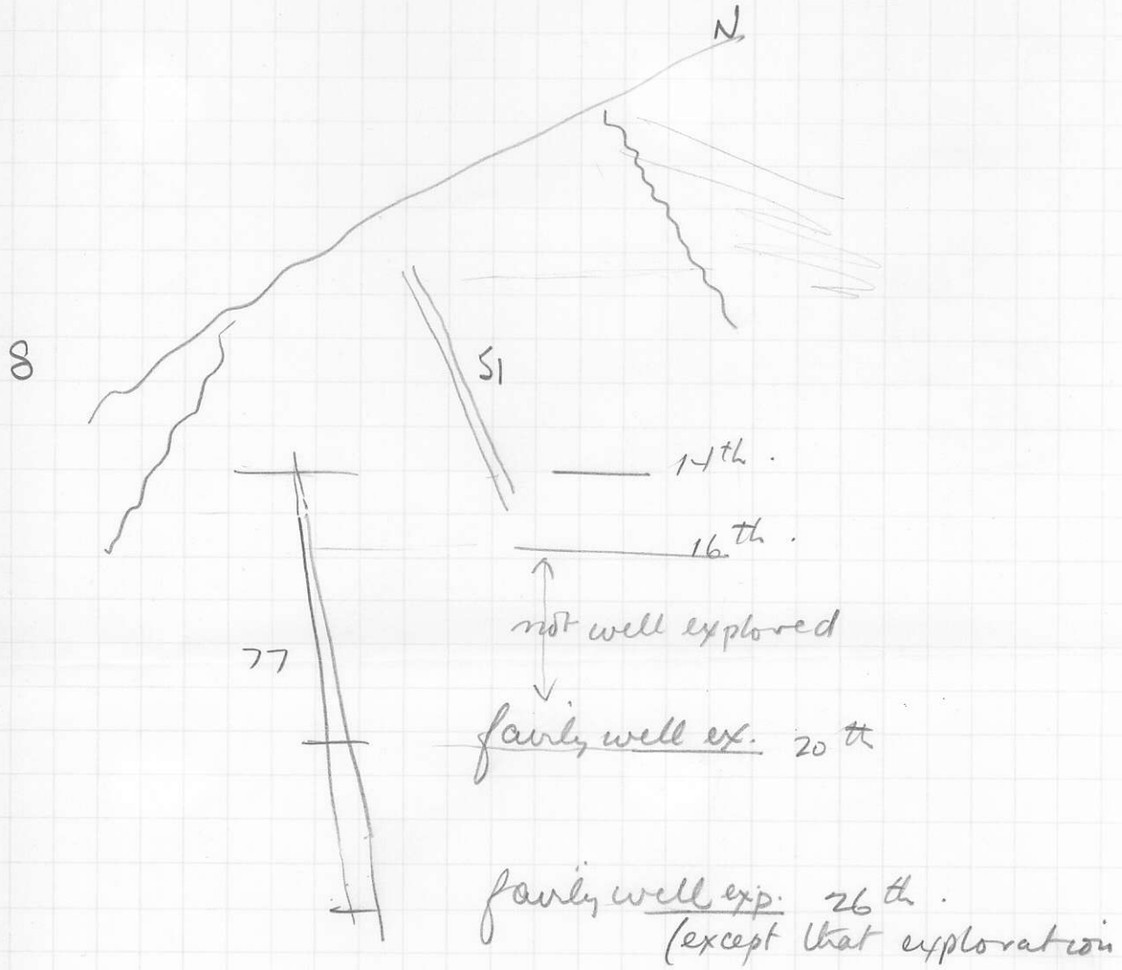


This type of exploration would be aimed at strike improvements on 77, en echelon footwall veins. and down dip extensions of 51 structure

Exploration Chances (cont'd)

(3) Below Bralorne 16th level:

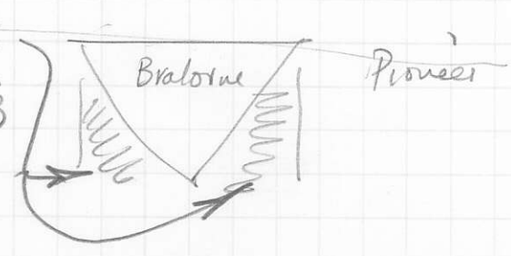
- 51 vein may not be adequately explored – after 77 vein comes in – should have had flat holes out to North.



(4) Wildcatting

(A) N & S to boundaries of mine complex

(B) Below 20th



Conclusions.

1) Has been a good mine — good vertical 51 ~ 2700'
77 14/45 ≈ 4600'

2) Bralorne poorly explored

3) If it were ours, in our backyard would recommend programme

4) Assuming 1M tons 1/2 oz, I would think would be hard to find and this would probably be a minimum target tonnage

5) Because of:
- political uncertainty
- probable unfavourable deal
- possibly divergent views on exploration, lack of management
- mechanical problems

I would not recommend

6) Mechanical problems.
- expense of rehabilitating
- no air, electricity
- towns site, surface rights
- heat gradient 1°F per 74'
- lack of miners.
- hoisting & training.

Z
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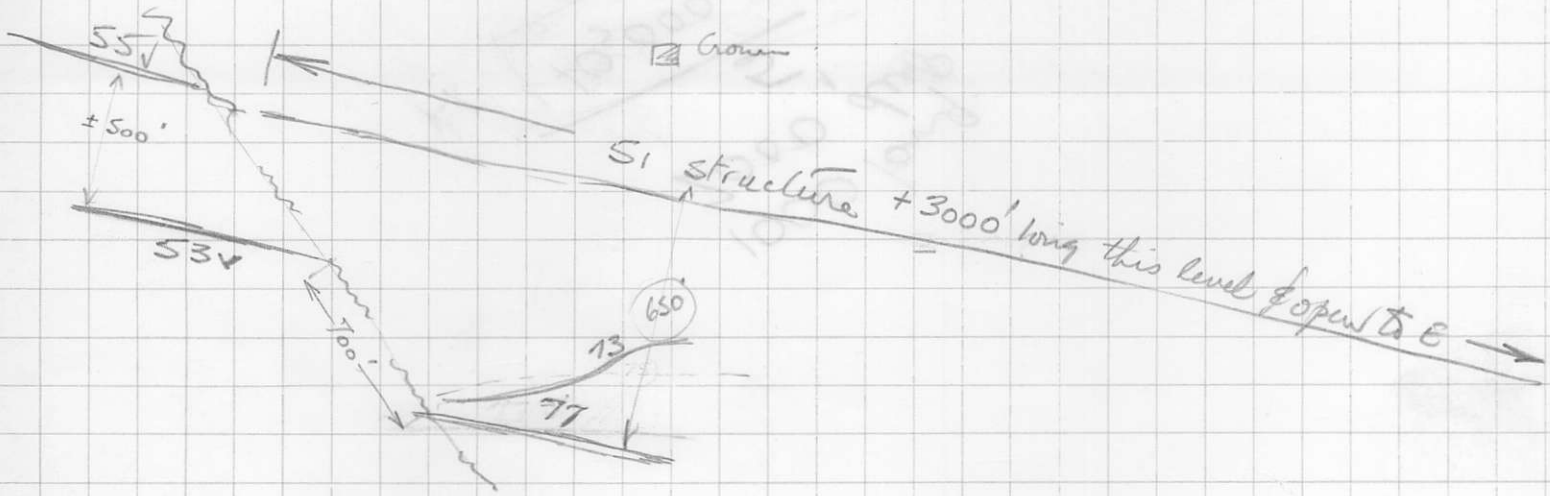
Bralorne 16th
Schematic Level Plan



"51 vein not adequately explored below 16th"
↓
Jim Thompson

13 Apr 72

Outline of Report on Bralorne Pioneer

(1) Cant recommend Campbell approach.
- it is simply a one stage test of an accessible area
- if unsatisfactory would not lead to further tests and would result in neglecting the most favourable part of the bet

✓

(2) There is more ore to be found
- If it were Dome property I would recommend more work.

- most obvious lack is cross-sectioning of the entire host series

✓

(3) I am not sure that could find 1M tons of .5 oz (or .4 oz)
- not really interested in remnant ore

Would need { 1000' long, 2000' deep, 5' wide

(4) Could not recommend a programme to look for 1M tons of .5 unless:
(a) we had management
(b) we had a good deal

5 It has been a good mine, goes to 6000 and getting perhaps better at depth.

6 Would need to find another 77 veins to get 1M tons of .5 oz.

- it goes vertically 30 levels.
- exploration every 6 level pretty good test for really big shoots.

7 51 Vein is entirely different ~ very long with occas scatt intermittent shoots. and much of the exploration would be keyed to trying to enlarge 51

On the other hand 77 is very discrete and consistent and compact.

8/ Mechanical problems

no air
no electricity
townsite surface rts.
tailings disposal
heat gradient 1°F per 74 ft
muckers?
shafts, tramming & hoisting