

RECOMMENDED PRELIMINARY  
EXPLORATION PROGRAM

There were 4 veins that contributed 4 million tons  
of Bralorne's 5,500,000 tons production:

77	-	2,100,000 T.
51	-	1,075,000 T.
53 (faulted segment of '77'?)	-	520,000 T.
55 " " " '51'?	-	330,000 T.

The 55 vein was weak on 20 level, similarly on 24 level. The 53 vein contained short shoots of ore on the 20 level, was split on the 24 level. Neither of these veins is considered to have prime potential below the 24 level.

The exploration program recommended herein is directed largely to finding more ore in the '77' and '51' vein structures, and to a lesser extent in a search for new veins. Exploration between Bralorne and the King has been reviewed and is not considered favourably.

The program outlined below is largely a drilling program and, in addition, provision is allowed for at least 1000 feet of drifting in the upper mine where interesting drill intersections are obtained.

LOWER MINE

The objective is to develop tonnage on the 77 vein and, to a lesser extent, to explore the hangingwall and footwall of the 77 for other veins.

Drill from the 43 level - 79 station

1. Drill a 5-hole fan of  $-60^{\circ}$  holes to intersect the 77 vein at a depth of 400 feet below the 4577 decline. Allow additional 2500 ft. for wedging these holes to provide further vein intersections.

Should this drilling outline an ore shoot in depth similar to that on the 4577 decline (6.8' x 530'), the new probable ore outlined would be 120,000 tons, with a further possible 30,000 tons, making a total of 150,000 tons in both categories - to a depth of 500 feet below the 4577 decline.

Footage - 8000 feet.

2. (1) Test E end of 77 vein with a 500 ft. flat hole to a point 100 feet E (beyond) the drift face.  
(2) If (1) is successful, drill 600 ft. up-hole above (1) -  $+25^{\circ}$ .  
(3) If (1) is successful, drill 600 ft. down-hole below (1) -  $-25^{\circ}$ .

Footage - 1700 feet.

3. Drill 2 flat holes from 79 station south to investigate stringers cut in shaft XC - 103?

Footage - 400 feet.

4. Drill long flat hole S from shaft area towards the serpentine, looking for vein(s) in the footwall of 77-79 system.

Footage - 2000 ft.

5. Drill long (?) flat hole N from 77 vein drift, looking for vein(s) in the hangingwall of the 77.

Footage - 1000 feet.

Total footage, Lower Mine - 13,100 feet.

UPPER MINE

1. Concentrate on the 51 vein, the most productive (westerly) of its ore shoots, on the levels between 20 and 26.

Do this by diamond drilling flat holes from existing workings and by drifting on best indications.

21 level	-	9 holes	(100' spacing)	-	2500 ft.
22 "		8 "	200' "		1970 "
23 "		13 "	100' "		2970 "
24 "		10 "	200' "		2670
25 "		9 "	100' "		<u>1750</u>
			Total		11,860 ft.

Drifting 1,000 ft.

2. 51 vein, 16 level. At the far east end of the level there is an ore shoot, 4.5' x 450' - 0.68 oz. Au/T. It has been mined above the level but not below. It could be mined without drifting - ramp down on it - or could be drilled first from a XC driven 150 feet into the hangingwall.

3. 52 vein, shoots located at the east end of 20 level and 26 level.

On 20 level - 5.8' x 240' - 0.55 oz. Au/T. Already mined to the 19 level and then raised upon to the 18.

On 26 level - 4.2' x 100' - 0.51 oz. Au/T. Only the sill was taken down.

The 52 vein could be ramped down from the 20 level and possibly drilling could be undertaken between the 26 and 20 levels, from the 26. This would entail some crosscutting south from 2652 Dr. E to get in position for drilling - say about 300 feet of crosscutting.

RECOMMENDATIONS

	<u>Drifting</u>	<u>X-Cutting</u>	<u>Diamond Drilling</u>
Lower mine			13,100 ft.
Upper mine	1000 ft.	450 ft.	<u>11,860</u> ft.
			24,960 ft.