Phone 688-5485

1720-1055 West Hastings Street Vancouver 1, B.C.

673010

BACON & CROWHURST LTD. CONSULTING ENGINEERS

December 7th, 1973.

Bralorne Resources Limited, 1005 - 555 Burrard St., Vancouver, 1, B.C.

Attention: Mr. N.C. Croome

Dear Sir:

Pursuant to your request, I am pleased to submit herewith our report concerning future exploration work at your Bralorne Mine at Bralorne, B.C.

It is recommended that a total of 20,900' of underground diamond drilling be directed across possible extensions of the 51, 75, 77 and 93 Vein systems, between 21 and 26 levels, in the Crown shaft area. It is further recommended that on the 16 level at the east end 500' of the 51 Vein structure be explored by drifting and sampling, and a hangingwall crosscut be driven to permit downward diamond drilling of this section below the 16 level.

Geological investigations should continue, and re-sampling of the accessible parts of known vein structures should be undertaken. A thorough review of the mineable ore reserves as known at the termination of milling in 1971 should be undertaken. Due consideration must be given to accessibility on the various levels.

The objective in this recommended program is a total of 300,000 tons in the Upper Mine (as stated in our previous report dated June 15th, 1973).

Present knowledge of working costs and the general condition of the mine and plant dictate that the decision to dewater the Queen shaft and explore the 77 Vein at depth should be delayed until after the Upper Mine exploration has been finished and the results evaluated. It is recommended, therefore, that the present work be continued until Christmas, i.e. through December 1973, and that the mine be then placed on a care and maintenance basis for a period of four to six months during which period the aforementioned geological and ore reserve investigations should be completed.

Subsequent to the above, physical work should be resumed. It is estimated that two months would then be required to complete the recommended program. Based on present concepts as to where and how the exploration would be conducted, the estimated cost, including a 10% contingency allowance, is as follows:

December, 1973	\$212,100
Care and maintenance, per month	21,300
Subsequent program	
Month 1	257,700
Month 2	210,400

Respectfully submitted, BACON & CROWHURST LTD.

Crowhurst

J.J. Crowhurst

JJC/ic

TABLE OF CONTENTS

	Page
GENERAL PLAN	1
TIME SCHEDULE	5
DIAMOND DRILLING	6
ESTIMATED FOOTAGE & COST	6
PROGRESS TO DATE	7
ESTIMATED "POTENTIAL ORE" TONNAGE	10
INITIAL PROGRAM - DIAMOND DRILLING	- 13
DEVELOPMENT 51 VEIN - TO DECEMBER 31, 1957	14
DEVELOPMENT - TO DECEMBER 31, 1957	15

;

APPENDIX

SCHEDULE OF ESTIMATED COSTS

Estimated Direct Operating Costs		1
Estimated Indirect Operating Costs	•	1
Estimated General and Overhead Costs		2
Estimated Capital Costs		2

LIST OF ILLUSTRATIONS

:

	51 Vein - East	End - 16 Le	vel	- 1" = 1	LOO' At	back of	report
	51 Vein - Crown	Shaft - 21	Level	54		"	
1	51 Vein - Crown	Shaft - 22	Level (a)	••		88	
	51 Vein - Crown	Shaft - 22	Level (b)	\$\$		11	
	51 Vein - Crown	Shaft - 23	Level (a)	••			
	51 Vein - Crown	Shaft - 23	Level (b)		· ·	11	
	51 Vein - Crown	Shaft - 24	Level (b)	н		"	
	51 Vein - Crown	Shaft - 25	Level (a)	11	•		
	51 Vein - Crown	Shaft - 25	Level (b)	11		11	
	51 Vein - Crown	Shaft - 26	Level	н .		**	
	77 Vein Extensi	on - East -	21 Level &	× 22 Leve	el - 1"=100") 11	
	77 Vein Extensi	on - East -	23 Level	$-1^{ii} = 1$	100 1	Į	
	77 Vein Extensi	on - East -	24 Level			*1	
	77 Vein Extensi	on - East -	25 Level	11			

LONGITUDINAL VERTICAL PROJECTION 77 Vein over 20-26 Levels -Crown Shaft Area - Scale 1" = 100'

LONGITUDINAL VERTICAL PROJECTION 51 Vein over 20-26 Levels -Crown Shaft Area - Scale 1" = 100'

...

GENERAL PLAN

A review has been made during late November concerning exploration target areas in the Bralorne Mine, with due consideration being given to access problems and the cost involved.

The program outlined in this report has been chosen as a first approach towards exploring selected areas of the 51 Vein and the 77 Vein between 16 level and 26 level.

Emphasis is to be placed on underground diamond drilling. In addition, a limited amount of crosscutting for a diamond drill station on 16 level east is to be undertaken plus exploration drifting along the 16 level east section of the 51 Vein structure. This work would all be between 16 and 26 levels in the general vicinity of the Crown shaft.

۰,

Part of this diamond drilling, 16 holes totalling 6460⁴, is to probe a selected longitudinal section of the 51 Vein structure in the Crown shaft area (see longitudinal vertical projection attached) which, if it were all to be of ore grade, could contain an estimated maximum of 371,300 tons. If the same ratio (37.78% - reduced to 35% conservatively) of lengths of ore grade material (as previously stoped) to total lengths of vein explored by drifting, as established above 16 level, continues downward to 26 level, this diamond drilling would therefore indicate the presence of 130,000 tons.

Other diamond drilling, 10 holes totalling 4140', will explore concurrently a longitudinal section of the 77 Vein (see diagram attached) between 2] and 26 levels. This contains an estimated maximum of 219,500 tons which, with an expectancy ratio of 40% (reduced from 48.03%), would indicate 87,800 tons.

This drilling would also pass through possible extensions of the 93 Vein. This vein lies in between the 51 and 77 Veins and links the two diagonally. No tonnage possibility is incorporated but it can be seen a plus factor exists.

6460' of diamond drilling related to the 51 Vein exploration and 4140' of drilling for the 77 Vein, or a total of 10,600', is contemplated. Reference is made to the lists of drill holes attached.

Rehabilitation of the 16 level Crown shaft station and ore pass grizzly installation was completed in early November. Work is currently in progress to prepare about 2500' of 16 level easterly from the Crown shaft. Subsequently, a hangingwall crosscut at the east end of 16 level (see sketch attached) will be driven in order to establish a diamond drill station.

Two three-hole fans of diamond drilling, totalling 3300', will be driven from this station to explore the possible continuation of the 51 Vein structure in the area downwards from 16 level to 20 level.

Slashing of the partially exposed section of the 51 Vein on 16 level and drifting along the possible easterly extension would be completed as shown on the sketch. No allowance has been made in the estimates incorporated in this report for the additional "provisional" 200' of drifting shown at the far east end; initiation of this would depend on results obtained.

The longitudinal area explored could contain a maximum of 80,900 tons which, coupled with an expectancy factor of 30%, might indicate 24,200 tons.

- 2 -

7000 feet of diamond drilling, included in the recommended total, has not been allocated. Target areas for this drilling would be determined by previous results.

Additional work required to carry out the above-mentioned diamond drilling, crosscutting and drifting includes hoisting about 5000 tons of waste and ore material up the Crown shaft from the 26 level pocket to the 8 level rock bin (3000' approximately) and tramming it to the surface along 8 level, a distance in excess of 6000'.

Rehabilitation work on 21, 22, 23, 24, 25 and 26 levels must also be completed to permit the diamond drilling outlined. With the exception of 23 level, where quite extensive ground support may be necessary, this consists largely of re-installing air and water lines and slashing cut-outs in the various drifts for diamond drill stations.

In summary, the following table outlines the target possibilities for the program:

Vein	Maximum tons contained in area <u>explored</u>	"Expectancy" Ratio - %	Net expected indicated tons	Ft. initial diamond <u>drilling</u>	Expected indicated tons per ft. of D.D. hole
51-16 level east	80,900	30	24,200	3,300	7.33
51- Crown shaft area	371,300	35	130,000	6,460	21.26
. 77	219,500	<u>40</u>	87,800	4,140	22,21
Totals & Averages	671,700	36	242,000	13,900	20,96

3 -

It is to be emphasized, however, that this initial program will intersect the 51 Vein and the 77 Vein at fairly widely-spaced intervals. This can be seen from a study of the longitudinal sections incorporated in this report.

It is contemplated that additional work will be necessary to provide closer spaced and more detailed information around favourable areas outlined by this current program.

÷

TIME SCHEDULE

(1)	Rehabilitation 16	leve1	and	prepare	22	and	25	levels	for	diamond
	drilling.									

- (2) Hoist waste now in Crown ore pass raise and tram to surface on 8 level.
- (3) X-cut and drifting on 16 level advance 108' in 6 days 3 shifts average of 6' per shift.
- (4) Diamond drilling 2 machines 3 shifts total of 4000' directed across 51 and 77 veins Crown shaft area.
- (5) Resample selected vein areas and determine assay values for review of ore reserves.

SUBSEQUENT PROGRAM - MONTH 1

- (1) Finish rehabilitation 16 level.
- (2) Rehabilitate 23 level station clean out caved areas and prepare slashes for diamond drilling.
- (3) Rehabilitate 26 level and prepare for diamond drilling.
- (4) Finish hoisting waste in Crown ore pass raise and tram to surface on 8 level - total of 5000 tons.
- (5) X-cut and drifting on 16 level 27 days x 3 shifts x 7' average/shift, equals advance of 567'.
- (6) Diamond drilling 3 shifts 3 machines total of 8100' directed across 51 and 77 veins Crown shaft area and commence 16 level east drilling.
- (7) Resample selected vein areas and determine assay values.

SUBSEQUENT PROGRAM - MONTH 2

- Diamond drilling 3 shifts 3 machines total of 7800' finish 16 level east drilling. Remaining 5200' to be allocated after review of results; this is included in the 7800'.
- (2) Drifting 16 level east remainder 280' in 13 to 14 days -7'/shift x 3 shifts.
- (3) Resample selected voin areas and determine assay values.

DIAMOND DRILLING

	Estimated F		
	51 & 77 Vein	51 Vein	
Month	Crown Shaft	16 X-C Drill Station	Totala
MONCH	Area	Station	101818
November 1-18	1,200		1,200
November 19-30	1,000		1,000
December - 3 sh. x 1 machine x 33'/sh.			-
x 20 days = 2000'/machine x 2 machines	4,000		4,000
Subsequent Program Month 1 - 3 sh. x			;
1 mach. x 33'/sh. x 27 days =			
2700'/machine x 3 machines	7,400	700	8,100
Subsequent Program Month 2 - 3 sh. x			
1 mach. x 33'/sh. x 26 days =			·
2600'/machine x 3 machines	5,200	2,600	7,800
Totals	18,800	3,300	22,100

ESTIMATED FOOTAGE & COST

	51 & 7 Crown	7 Vein Shaft	51 Ve	ein (11 Sta.	Total	le
Month	Footage	Cost	Footage	Cost	Footage	Cost
Nov. 1973	2,200	16,500	-	· –	2,200	16,500
Dec. 1973	4,000	30,000	-		, 4,000	30,000
Subsequent Program - Month 1	7,400	55,500	700	5,250	8,100	60,75 0
Subsequent Program -						
Month 2	5,200	39,000	2,600	19,500	7,800	58,500
Totals	18,800	141,000	3,300	24,750	22,100	165,750
Plus October					•	
drilling	1,400	10,500				<u> </u>
Totals	20,200	151,500	3,300	24,750	23,500	176,250

- 6

PROGRESS TO DATE (Nov. 18th, 1973)

During the past six months, attention at Bralorne has been directed toward initiating exploration of possible extensions of the 51 Vein and 77 Vein above the 26 level.

These veins contributed a substantial part of the previous production and do not appear to have been delimited.

In addition, approximate cost estimates have been prepared concerning gaining access to the bottom of the mine, i.e. the Queen shaft 43 level, for the purpose of exploring the 77 Vein at depth. This work was previously recommended as a second part of the initial exploration project.

It has now been ascertained, however, that the Queen shaft workings are full of water up to about the 29 level. An estimated 75,000,000 gallons of water would have to be pumped up an average distance of about 4300 feet vertically to the 8 level adit for disposal. In addition, on close inspection, the Empire hoist, slated for Queen shaft service, will require much more extensive and costly repair than previously estimated. Other cost increases, caused by the presence of the water, are inherent.

After review of the cost and time considerations involved, therefore, it was decided to forego the deep Queen shaft work until such time as the results of the exploration above 26 level have been ascertained.

Since re-opening the mine in the mid-summer of 1973, access has been re-established through the main haulage or No. 8 level adit to the Crown shaft and thence downwards to the No. 26 level, a vertical distance of 2700 feet.

- 7 -

An extensive map investigation of this Crown shaft area, concerning the present position and extent of the levels, the mineralized portions of the 51 and 77 Veins (and other closely associated veins) together with the stoped areas, has been undertaken. Previous drill holes have been noted. The scanty geological information has been reviewed. The general pattern of possible ore-bearing extensions has thereby been outlined, to bring into focus specific target areas for exploration.

Choice of diamond drill locations and drifting along vein sections has, of course, of necessity been tempered by physical aspects. Caved areas prevent passage along many of the levels, some in quite critical places. This knowledge, now accurately determined, has been incorporated in the planning and has largely determined the possible work.

In general, however, larger parts of the 51 and 77 Veins than those deemed accessible earlier this year can be probed by diamond drilling and/or drifting.

A total of approximately 2600' of the diamond drilling, previously recommended and directed at the 51 Vein close to the Crown shaft, had been completed by November 18th, 1973, with relatively minor or at least inconclusive results. One interesting 77 Vein intersection was obtained; further work is required. Emphasis will be shifted, therefore, to what is now considered more and larger promising parts of both the 51 and 77 Vein systems; the 77 Vein intersection area referred to above will be investigated in more detail.

As a result, total diamond drilling now recommended (above 26 level or for the Upper Mine) amounts to a total of 23,500' in place of the previous 11,860', as shown on the table incorporated in this report.

- 8 -

It should be noted, in addition, that supporting work required has included re-establishing a very lengthy electrical transmission and distribution system, renovating part of the compressed air supply machines and installing others, placing in operation bunkhouse and cookhouse facilities and rehabilitating many other ancillary operations. All of this work has been necessary, without question, but has been expensive, time-consuming and unproductive as far as end results are concerned. The mine is now in relatively good condition, however, to permit completion of the recommended work and can be kept in good condition with a relatively small amount of work during the contemplated shut-down period.

ESTIMATED "POTENTIAL ORE" TONNAGE

			TONS	
(1)	<u>51 VEIN</u>	Gross	Ratio %	Net Expected
	(a) <u>16 Level East</u>			
	Dip length from 16 level to halfway between bottom row of proposed drill holes & 20 level = 665'.Strike distance of area to be explored = average of 400' - average vein width = 3.8'		•	
	Estimated "potential ore" = $\frac{665 \times 400 \times 3.8}{12.5}$	80,900	30	24,200
	(b) <u>Crown Shaft Area</u> <u>Areas on Vertical Projection</u>			
	A - $1000^{\circ} \times 605^{\circ} = 605,000 \text{ sq. ft.}$ B - $750^{\circ} \times 150^{\circ} = 112,500$	• .		•
	$C = 250^{\circ} \times 125^{\circ} = 31,250$ D = 270^{\circ} \times 100^{\circ} = 27,000 E = 75^{\circ} \times 150^{\circ} = 11,250	·		
	$F - 310' \times 150' = 46,500$ $G - 510' \times 150' = 76,500$ $H - 710' \times 150' = 106,500$	、 		
	I - $625' \times 150' = 93,750$ Total 1,110,250 sq. ft. + 10% slope			
	dist. factor <u>111,025</u> 1,221,275			
	Estimated "potential ore" = $\frac{1.221.275 \times 3.8}{12.5}$ =	371,300	35	130,000
	(c) <u>51-51 FW Veins</u>			
	No estimated calculation		. —	
	Total 51 Vein	452,200	34	154,200

:

			TONS	
(2)	77 VEIN EXTENSION EAST Areas on Vertical Projection - Proposed Area	Gross	Ratio 7	Net Expected
•	A - $685' \times 125' = 85,625 \text{ sq. ft.}$ B - $530' \times 180' = 95,400$ C - $520' \times 160' = 83,200$			
	$\begin{array}{llllllllllllllllllllllllllllllllllll$:
	+ 30% slope dist. factor <u>140,722</u> 609,797			
	Estimated "potential ore" = $\frac{609.797 \times 4.5}{12.5}$	219,500	40	87,800
(3)	<u>79 VEIN</u>	•		
	Dip length from 20 to 24 level = 600° . Strike length of area to be explored = 400° . Average vein width = 4.0°			
	Estimated "potential ore" = $\frac{600! \times 400! \times 4.0}{12.5}$	76,800	25	19,200
(4)	<u>52 VEIN</u>			
·	(a) Block from 14 level down to 18 level subdrift			
	$\frac{600' \times 800' \times 4.0}{12.5} =$	153,000	20	30,600
	(b) Block from 26 level up to 20 level	ہ		
	$\frac{600' \times 600' \times 4.0}{12.5} =$	115,200	20	23,000
(5)	51 FW DRIFT Area close to face at east end			

- (a) Values on 8 level (stoped above for 45') -102' of 3.0' x 0.52 ozs./ton of which 65' of 3.0' x 0.75 ozs./ton stoped.
- (b) Values on 4 level up possible ore shoot rake = 195' of 3.5' x 0.26 ozs./ton

- 11 -

:

		. •		
		•	TONS	•
	51 FW DRIFT (cont'd.)	Gross	Ratio Z	Net Expected
	Estimated "ore potential" = $\frac{600! \times 150! \times 3.2!}{12.5}$	23,000	75	17,300
	N.B Close to Empire shaft "junction" 51 FW vein & 51 vein - on 10 level - 75' of 2.5' @ 0.23 ozs./ton.			
	N.B Close to Empire shaft "junction" 51 FW vein & 51 vein - on 10 level - 75' of 2.5' @ 0.23 ozs./ton.			· · ·
(6)	N.B Close to Empire shaft "junction" 51 FW vein & 51 vein - on 10 level - 75' of 2.5' @ 0.23 ozs./ton. <u>NOT INCLUDED</u>			
6)	N.B Close to Empire shaft "junction" 51 FW vein & 51 vein - on 10 level - 75' of 2.5' @ 0.23 ozs./ton. NOT INCLUDED 77 vein extension west on 23 level-access ?			
6)	N.B Close to Empire shaft "junction" 51 FW vein & 51 vein - on 10 level - 75' of 2.5' @ 0.23 ozs./ton. NOT INCLUDED 77 vein extension west on 23 level-access ?			· · · · · · · · · · · · · · · · · · ·

· · · ·

-

INITIAL PROGRAM - DIAMOND DRILLING

(A) <u>51 VEIN</u>* - Crown Shaft Area

	Target Location at		
Collar Location	Vein Intersection	Length	<u>D1 p</u>
21 - 10+75W	21 - 10+00W	340'	0°
21 - 16+00W	21 - 16+50W	250 '	· 00
21 - 16+00W	21 - 19+00W	3751	0°
22 - 10+00W	22 - 6+50W	5501	0°
22 - 15+00W	22 - 16+00W	2001	0°
22 - 16+50W	22 - 19+00W	4001	0°
22 - 16+50W	22 - 21+00W	6501	0°
23 - 15+00W	23 - 17+00W	340*	0°
23 - 21+00W	23 - 20+00W	325'	0°
23 - 21+00W	23 - 23+00W	400'	0°
25 - 22+50W	24 - 23+00W	3751	+320
26 - 6+00W	25 - 6+00W	330'	+30°
25 - 15+00W	25 - 16+25W	325'	0°
25 - 22+50W	25 - 22+00W	3001	00
2 5 - 22+50W	25 - 26+00W	550*	0°
26 - 5+50W	26 - 5+00W &/or 4+50	W 750'	0°

Total feet 6460'

(B) <u>77 VEIN</u>

21 - 7	+25W 21	-	5+75W	490	0°
21 - 7	+ 25W 21	- ,	7+25W	470'	0°
21 - 7 [.]	+25₩ 22	•	4+50W	4501	-22°
21 - 7	+25W 22	-	6+80W	4001	-23°
22 - 10	+25₩ 23	-	8+00W	550'	-18°
24 - 10	+00W 24	-	7+10W	450'	0°
24 - 10	+75₩ 24	•	8+75W	400 •	0°
26 - 6 [.]	+00\%* 25	-	6+00W	400*	+50°
26 - 6 [.]	+00\# 25.5	-	6+00W	330*	+ 30°
25 - 9	+00\% 25	•	9+00W	<u>200</u> '	0°

Total feet 4140'

Note - 3 holes intersecting 51 vein at 24 - 6+00W, 24 - 9+00W, and 24 - 10+00W are drilled from 26 level, 24 level and 24 level respectively and also intersect 77 vein.

- 13 -

DEVELOPMENT 51 VEIN - TO DECEMBER 31, 1957

١

ţ

				ORE		·			
Level	Waste <u>ft.</u>	Length ft.	Assay Ozs. Au /ton	Width <u>ft.</u>	Tons	Ounces	Total Drifting <u>ft</u> ,	Tons per <u>Vert. ft.</u>	Ounces Au per Vert. ft.
1	281.0	60,0	0.71	4.2	3,024	2,147.0	341.0	20	14
2	1,104,5	945.0	0,62	3.5	39,204	24,430.5	2,049.5	261	163
3	1,066.0	1,172.0	0,61	3.7	52,037	31,742,5	2,238.0	347	212
4	2,522.0	965.0	0.46	3.7	42,580	19,399.5	3,487.0	284	129
5	1,737.5	1,201,5	0,60	4.3	51,645	31,220.0	2,939.0	413	208
6	1,874,5	1,485.0	0,61	4.2	74,844	45,655.0	3,359.5	499	304
7	-	•			-	·	-		
8	1,013.0	1,500.0	0,26	3.6	64,800	16,848.0	2,513.0	432	112
9	481.5	406.0	0,62	2.5	12,180	7,551.5	887.5	81	50
10	2,043.0	1,190,0	0.62	2.7	38,556	23,904,5	3,233.0	257	159
11	1,386.5	1,088,5	0,57	2.8	37,225	20,872.5	2,475.0	244	139
12	1,995,5	1,433.0	0.42	4.0	69,036	29,283.5	3,428,5	459	195
13	1,129,0	1,558,0	0,30	4.1	76,654	22,996.0	2,687.0	510	153
14	2,274.0	685.0	0,36	4.2	34,524	12,428.5	2,959.0	230	83
15	1.893.5	709.0	0.38	4.0	34,282	13,134.0	2,602,5	229	88
16	1.747.0	810.0	0.55	3.3	31,968	17,539,5	2,557.0	213	116
Sub-totals						·			• •
(1-16)	22,548.5	15,208,0	0.48	3.68	<u>662,559</u>	319,152,5	37.756.5	<u>299</u>	•
17	420.0	398.5	0,46	4.6	22,026	10,150.5	818.5	147	68
18	403.0	238.0	0.63	3.1	8,957	5,636.0	641.0	59	37
໌ 19	1,413.0	557.0	0,40	3.2	21,431	8,532.0	1,970.0	143	57
20	3,364,0	830,0	0,33	4.0	39,516	13,162.0	4,194.0	266	88
21	147.5						147.5		
22	-								
23	-								·
24	160.0	45.0	0,22	3.0	1,602	345.0	205.0	11	· 2
Sub-totals			terest in the second	· ·					
(17-24)	5.907.5	2.068.5	0.40	3.78	93.532	37.825.5	7.976.0	125	
Totals &		<u> <u> <u>an</u> an </u></u>					······································		
Averages	28,456.0	17,276.5	0,472	3.69	756,091	356,978.0	45,732.5	255	
$\frac{1-24 L}{T_{c}} - \frac{F_{f}}{T_{c}}$	t. Ore = otal Feet	<u>17,276.5</u> 45,732.5	= 37.78%		<u>1-16L</u> —	$\frac{15,208,0}{37,756,5}$	• 40,28%		

1

DEVELOPMENT	-	то	DECEMBER	31.	1957
	_	.		244	

· ·			ORE						Ozs. Au	Ratio	
Vein	Levels	Waste <u>ft</u> ,	Length <u>ft.</u>	Assay Ozs, Au /ton	Width <u>ft.</u>	<u>Tons</u>	Ounces	Total Drifting <u>ft.</u>	Tons per <u>Vert, ft</u>	per Vert. ft. (Range)	Ore to Total <u>Drift</u>
51B & 73	4, 8, 10-17 incl. 19 & 21	3,998	3,839	0.30	2.8	129,551	38,441	7,837	14-234 (ran	ge) 5-61	48,99
51	1-16 <u>17-24</u> 1-24	22,548 5,908 28,456	15,208 <u>2,068</u> 17,276	0.48 <u>0.40</u> 0.47	3.7 <u>3.8</u> 3.7	662,559 <u>93,532</u> 756,091	319,152 <u>37,826</u> 356,978	37,756 <u>7,976</u> 45,732	299 <u>125</u> 255	50-304 <u>2-88</u> 2-304	40.28 25.93 37.78
53	6, 8, 10-20 incl. & 24	7,561	9,955	0.52	4.4	525,717	270 ₉ 880	17,516	270	20-289	56.83
55	5, 6, 8, 10-16 incl. 20 & 24	9,492	9,014	0.42	3.1	332,878	141,334	18,506	185	2-170	48.71
75	10-20 incl.	2,394	5,596	0.62	3.0	200,719	123,494	7,990	134	10-161	70.03
77 & 77B	14-26	14,556	13,454	0.50	4.5	723,348	362,562	28,010	371	5-379	<u>48.03</u>
Totals & <u>Averages</u>	•	66,457	59,134	0.485		2,668,304	1,293,689	125,591			47.08

- 15 -

٢,

The transformed the terms of t

·

APPENDIX

BRALORNE RESOURCES LIMITED GOLD EXPLORATION PROJECT SCHEDULE OF ESTIMATED COSTS

)

1

)

...

١

1

1

1

1

1

١

		•				Subsequent Program			
			November	December	2 Month Total	Month 1	Month 2	2 Month Total	
Estimated Direct Operating Costs									
Rehabilitation - 8 Level - 16 Level - 21 Level - 22 Level - 23 Level - 25 Level - 26 Level		•	\$ 2,000 11,300 3,300 - -	\$ 2,300 26,000 1,800 2,600 - 7,800	\$ 4,300 37,300 1,800 5,900 7,800	\$ 2,300 7,500 - 13,200 6,100	\$ 1,200 7,300 	\$ 3,500 7,500 20,500 13,600	
Sub Total			16,600	40,500	57,100	29,100	16,000	45,100	
Rehabilitation - Crown Shaft			28,000	8,900	36,900	10,700	7,400	18,100	
Phase 1 Exploration									
- Crosscuts & Drifting - Diamond Drilling			16,500	8,500 30,000	8,500 46,500	39,700 60,800	19,600 58,500	59,300 119,300	
Sub Total			16,500	38,500	55,000	100,500	78,100	178,600	
Total Direct Operating Costs	2.		61,100	87,900	149,000	140,300	101,500	241,800	
Estimated Indirect Operating Costs									
- Supervision - Compressed Air - Pumping - Power - Heating Plant - Eng., Geol. Office - Assaying - Small Tools - Hoisting & Skiptending - Tramming - 8 Level - Mine Lamps - Employee Expense - Waste Dump - Unallocated Freight			2,000 13,600 200 2,500 2,200 7,100 500 1,100 8,200 300 200 2,400 200 700	2,000 10,900 4,200 4,000 - - 3,900 2,900 1,300 13,200 5,300 100 5,100 200 700	4,000 24,500 4,400 6,500 2,200 11,000 3,400 2,400 21,400 5,600 300 7,500 400 1,400	2,000 11,200 5,100 4,500 2,900 1,300 12,900 4,900 100 2,100 200 700	2,000 12,100 2,400 4,500 3,900 2,900 1,300 12,700 6,700 100 2,100 2,100 700	4,000 23,300 7,500 9,000 5,800 2,600 25,600 11,600 200 4,200 4,200 4,000	
Total Indirect Operating Costs			41,200	53,800	95,000	51,800 🕴	51,600	103,400	

BRALORNE RESOURCES LIMITED GOLD EXPLORATION PROJECT SCHEDULE OF ESTIMATED COSTS

١

1 1

.

1

1

1

1

j

j

١

• • •

. .

1

1

1

1

١

•				.		Subsequent Program			
Estimated General and Overhead Costs	Nov	ember	December	2 Month 		Month 1	Month 2	2 Month <u>Total</u>	
Estimated General and Overhead Costs - Mine Office - Camp Operation - Bldg. Rental and Maintenance - Vehicles - Rentals - Operation - Snow Removal - Travel - Gommunications - Supervision Salaries - Fire Protection - First Aid - Consulting - Taxes and Insurance	\$ 1 1	100 6,800 3,500 1,200 1,100 500 500 4,800 1,00 1,300 0,200 1,600	\$ 2,100 10,500 3,900 600 900 1,200 500 6,000 200 1,200 9,000 1,600	\$ 2,200 27,300 7,400 1,800 2,000 1,200 1,200 1,200 1,000 10,800 300 2,500 19,200 3,200		\$ 2,100 15,000 3,900 600 1,500 700 500 4,600 200 1,200 4,700 1,600	\$ 2,100 12,800 3,900 600 1,500 700 500 4,600 200 1,200 4,700 1,600	\$ 4,200 27,800 7,800 1,200 3,000 1,400 1,000 9,200 400 2,400 9,400 3,200	
- Contractors' Supervision Total General and Overhead Costs		7,100 8,800	- 38,400	7,100		- 37,200	- 35,000	- 72,200	
Estimated Capital Costs - Buildings - Engineering Office, Camp, Misc. - Mobile Equipment - Compressed Air - Mechanical Equipment - Transmission Lines - Underground Equipment - Crown Hoist - Ventilation Total Capital Cost	1 1 	2,100 - 6,800 3,400 1,800 6,500 3,200 200 4,000	4,700 4,700 1,500 1,800	2,100 - 11,500 3,400 16,500 18,000 3,200 2,000 56,700	ł	- - - 5,000 - - - - - - -	3,200	- - - 8,200 - - - - - - - - - - - - - - - - - -	
TOTAL COSTS BEFORE CONTINGENCIES Add: 10% Contingencies		5,100 9,500	192,800 19,300	387,900 38,800	• .	234,300 23,400	191,300 19,100	425,600 42,500	
GRAND TOTAL	\$ 21	4,600	\$ 212,100	\$ 426,700		\$ 257,700	\$ 210,400	\$ 468,100	





























The second se	11					
Level - 20						
Level - 21				*	\otimes	A
Level - 22				\otimes	×	
	AFT					
Level - 23	SH.			,		
	PIRE					
Level - 24	EM					×
				12		
Level - 25						8
Level - 26			5.			*E
2+00 E. 1+00 E.		 × 004 ×	4 + 00 W.		6+00 W.	



Level 20					
•					
Level 21					
		2			
1.4					
Level 22					
51					
			HAI		
Level 23			S		
			RF		
			MPI		
Louis 24			E		
Level 24				H	
Level 25					
Level 26					×
	ш.			U3	
	00			00	
	4+			+	



9.9' 2 0.08	
1	
1	
	$\begin{bmatrix} \text{inches} \\ 0 & 1 & 2 \\ \hline \\ \hline \\ \hline \\ \hline \\ \\ \hline \\ \\ \\ \\ \\ \\ \\ \\$
	0 1 2 3 4 5 centimetres This reference scale bar has been added to the original image. It will scale at the image, the same rate as the image, the same rate as the image as a reference for the original size.
	BRALORNE GOLD EXPLORATION
	VERTICAL LONGITUDINAL SECTION 52 VEIN
	SCALE I"= 100' DATE: AUGUST 1973 DRAWN BY: