

ARIS SUMMARY SHEET

District Geologist, Victoria

Off Confidential: 89.11.30

ASSESSMENT REPORT 18505

MINING DIVISION: New Westminster

PROPERTY: Harrison Gold
LOCATION: LAT 49 20 00 LONG 121 44 00
UTM 10 5465064 592029
NTS 092H05E

CAMP: 020 Lillooet River - Harrison Lake Belt

CLAIM(S): RN, MBI, FF, Hot 1-8, Cold 1-15
OPERATOR(S): Bema Gold Corp.
AUTHOR(S): Kahlert, B.
REPORT YEAR: 1989, 806 Pages
COMMODITIES
SEARCHED FOR: Gold, Silver, Zinc, Copper
KEYWORDS: Jurassic, Cretaceous, Mysterious Creek Formation, Argillite, Diorite
Hicks Lake Batholith, Jenner Stock, Portal Stock, Gold

WORK
DONE: Drilling, Geochemical
DIAD 3105.4 m 16 hole(s); NQ
Map(s) - 2; Scale(s) - 1:1000, 1:5000
SAMP 4400 sample(s); AU, ME
UNDD 1381.0 m 11 hole(s); NQ

ATED
REPORTS: 11524, 14626
MINFILE: 092HSW092

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1988 ASSESSMENT REPORT

ON THE

HARRISON GOLD PROPERTY

(Previously known as the Abo Property)

HARRISON LAKE, B.C.

NEW WESTMINSTER MINING DIVISION, B.C.

FILMED

SUB-RECORDER
FEB 28 1989
M.R. # \$
VANCOUVER, B.C.

SUB-RECORDER
FEB 28 1989
M.R. # \$
VANCOUVER, B.C.

NTS: 92 H 5
LATITUDE: 49° 15' North
LONGITUDE: 121° 42' West
CLAIMS: RN, MBI, FF, HOT 1 through 8,
and Cold 1 through 15 Claims
OWNER: Bema Gold Corporation
OPERATOR: Bema Gold Corporation
AUTHOR: B.H. Kahlert
DATE: February 27, 1989

18,505
Part 1 of 7

GEOLOGICAL BRANCH
ASSESSMENT REPORT



Province of
British Columbia

Ministry of
Energy, Mines and
Petroleum Resources

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S) <i>Drilling</i>	TOTAL COST <i>\$ 405,600</i>
---	---------------------------------

AUTHOR(S) *B.H. KAHLERT* SIGNATURE(S) *B.H. Kahlert*

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED *Nov. 30, 1988* YEAR OF WORK *1988*

PROPERTY NAME(S) *Harrison Lake Gold Property
(Formerly Abo Property)*

COMMODITIES PRESENT *Gold (Silver, Zinc, Copper)*

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN

MINING DIVISION *New Westminster* NTS *92 H 5*

LATITUDE *49° 15' North* LONGITUDE *121° 42' West*

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

*26 Claims totalling 235 Units: - RN (46), MB-1 (592), FF (2051),
Lot 1-7 (2579-2585), Lot 8 (2587), Cold 1-14 (3473-3485),
Cold 15 Fr. (3486)*

OWNER(S)
(1) *Bema Gold Corp.* (2)

MAILING ADDRESS
*Box 9 - 609 W. Hastings St
Vancouver, B.C. V6B 4W4*

OPERATOR(S) (that is, Company paying for the work)
(1) *Bema Gold Corp.* (2)

MAILING ADDRESS
As Above

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):
*Small, Tertiary Quartz Diorite Stocks intrude Mysterious
Creek Fm. Argillites on the property. Gold is contained
in quartz vein stockworks within the quartz diorite
Gold, silver and zinc are also hosted in a newly located
Breccia Zone.*

REFERENCES TO PREVIOUS WORK *Kerr Addison Mines Ltd. "1986 Assess-
ment Report" dated February, 1987.*

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	COST APPORTIONED
GEOLOGICAL (scale, area)			
Ground			
Photo			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for)			
Soil			
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)	305 M, 2 Holes, 4.9cm	Hot 4, COLD GROUP	\$ 27,000
Core	1360 M, 7 Holes, 4.9cm	Hot 5, HOT GROUP	106,400
Non-core Core	2822 M, 18 Holes, 4.9cm	RN, TEN GROUP	272,200
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralogic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Legal surveys (scale, area)			
Topographic (scale, area)			
Photogrammetric (scale, area)			
Line/grid (kilometres)			
Road, local access (kilometres)			
Trench (metres)			
Underground (metres)			
			TOTAL COST 405,600

FOR MINISTRY USE ONLY	NAME OF PAC ACCOUNT	DEBIT	CREDIT	REMARKS:
Value work done (from report)				
Value of work approved				
Value claimed (from statement)				
Value credited to PAC account				
Value debited to PAC account				
Accepted Date	Rept. No.			Information Class

LOG NO.	0302	00.

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SUMMARY

A program of 7,150 metres of NQ core diamond drilling was completed on the Harrison Gold Property of Bema International Resources Inc. in late 1988. This drilling was undertaken to follow up targets developed by field geological, geophysical and geochemical work on the Harrison Gold Property in general, and targets developed by previous drilling on the Jenner and Portal Gold Zones in particular.

Gold on the Harrison Gold Property occurs in association with small quartz diorite stocks. Work by previous owners indicated a possibly economic deposit at the Jenner Stock and significant high grade intersections at the Portal Stock. A number of other stocks on the property had not been adequately tested by drilling. In addition, a hydrothermal, strongly altered breccia zone was also considered to be an excellent target for gold mineralization.

Three drill rigs were on site between October 10, 1988 and December 21, 1988 to complete the drilling of 7,150 metres core. Two of the rigs were on surface exploration and in-fill drilling targets while one drill rig was used underground, testing extent and grade of gold mineralization at the Jenner Stock.

Results of the geological logging and assaying of drill core has indicated the presence of two important new discoveries in the Hill Stock and the Breccia Zones, further high grade gold at the Portal Stock and extension of the Jenner Stock gold mineralization to the north and at depth.

A final report, which will include new ore reserve estimates for the Jenner Stock and a forecast of high grade gold potential at the Portal Stock is currently being prepared.

INTRODUCTION

This report is written as a technical "Drilling Report" as follow up to the filing of assessment work on selected claims on the Harrison Gold Property on November 30, 1989. Prior to filing this work, all claims were grouped into three new groups. Costs incurred directly for drilling and assaying have been submitted as expenditures in the filed assessment work.

Costs of drilling completed between October 15th and November 30, 1988 were allocated to most of the claims. However, on the newly staked Cold 11 and Cold 12 claims, registration numbers 3483 and 3484, drill costs incurred only between the staking date of November 20 and filing of Statement of Work on November 30, 1988 were allocated.

A total of \$406,000 was expended on drilling on the Property between October 14 and November 30, 1988. Of this, \$55,000 was filed assessment work on specified claims within the three groups. The remaining funds were entered into Bema's PAC account.

As all claims on the property are contiguous and cover similar geological units explored under one exploration program, this Report is submitted to cover requirements for all three groups. With the exception of final drill sections, this Report is complete and complies with requirements specified under Submittal of Drilling Reports. These sections will be forwarded in March of 1989. Drill logs and maps showing drill hole locations are included in this Report.

Drill core is stored, in racks, on site.

LOCATION AND ACCESS

The Harrison Gold Property is located east of the southeast corner of Harrison Lake, about 150 kilometres east of Vancouver (see Figure 1). The main Jenner Stock Gold Zone is situated about five kilometres northeast of the resort town of Harrison Hot Springs (see Figure 2).

B.C. Highway 9 leads north from the Trans Canada Highway at Agassiz to Harrison Hot Springs. From Harrison, a paved highway runs northeast along Harrison Lake to Sasquatch Provincial Park, passing by the Jenner Gold Prospect on the claims. Access to the Jenner Prospect is from the highway via a four wheel drive track.

BEMA GOLD CORPORATION



HARRISON GOLD PROJECT LOCATION MAP

Fig. 1

PHYSICAL FEATURES

The Harrison Gold Property is located in the B.C. Coast Range Mountain physiographic region. Elevations range from a base of 10 metres above sea level at Harrison Lake to over 1,000 metres above sea level at Bear Mountain, the highest point on the property. Elsewhere in the region, elevations of mountain tops exceed 2,000 metres.

Slopes are steep, ranging from 10° to 40° with occasional short precipices. Most of the area has been previously logged, resulting in second growth evergreen and deciduous trees ranging up to 20 centimetres in diameter, with frequent dense undergrowth, including devils club. Mean annual precipitation in the area ranges from 150 to 200 centimetres.

HISTORY

In the early 1970's, the Harrison Gold Property was known as the GEO claim. It was restaked as the RN claim in 1975. In 1979, the MB-1 claim was added to the east. The FF claim was added in 1983 and the HOT 1-8 claims were recorded in December 1984 and January 1985. In November 1988, the Cold 1-14 and Cold 15 Fractional claims were staked.

Between 1972 and 1982 this property was mined and produced 30.44 kg gold, 10.14 kg silver and 616 kg copper from 643 tonnes of ore. This was mined from the Portal Stock Adit (see Figures 4 and 5), which was 50 metres long and included four raises up to 15 metres long. The ore consisted of a quartz-pyrrhotite vein containing visible gold.

Abo Oil Corporation (later known as Abo Resource Corporation, "Abo") acquired the property in 1982 and, using A & M Exploration Services, explored the property in 1982 and 1983. Work consisted of geological mapping, soil sampling and EM surveying. This was followed by a drilling program of 27 diamond drill holes totaling 2,588 metres. In March of 1982, Abo 1-7 claims were staked; then in May of 1983 the FF claim was staked.

In 1984, Sawyer Consultants of Vancouver, B.C. reviewed all data for Abo and made recommendations for further work. Abo drilled a further seven diamond drill holes in 1984, totalling 754 metres, including the extension of two previously drilled holes.

Gold was intersected in three of these (DDH 84-28, 84-29 and 84-30). The best intersection was a 64 metre interval in DDH 84-28 which averaged 3.77 gm/ton gold. This came from the newly indicated Jenner Stock Prospect, whereas original production and exploration work concentrated on the Portal Stock.

In late 1984, Kerr Addison Mines Limited ("Kerr") entered into a joint venture with Abo to continue exploration. The Abo 1-7 claims were restaked as the Hot 1-7 claims; the Hot 8 claim was added in January 1985.

In 1985, Kerr re-mapped the property and carried out substantial stream, soil and rock chip geochemical sampling. This was followed by a program of 834 metres of diamond drilling in four new holes as well as extensions of a previous Abo drill hole.

In 1986 Kerr completed a major exploration program covering several prospects on the property. Geological mapping, based on gold geochemical anomalies, indicated the presence of a number of newly located quartz diorite stocks located to the south and east of the Jenner Stock as well as a 1,000 metre long, 100 metre wide, north trending feldspar porphyry dyke.

On February 10, 1987 Kerr signed a letter of intent with Bema International Resources Inc. (BIRI) whereby BIRI could earn a 50% interest in Kerr's 60% interest in the property for a net of 30% equity. To earn this interest, BIRI was required to expend \$750,000 on exploration in 1987. BIRI could earn, at BIRI's option, an additional 5% equity interest by making further expenditures of \$250,000.

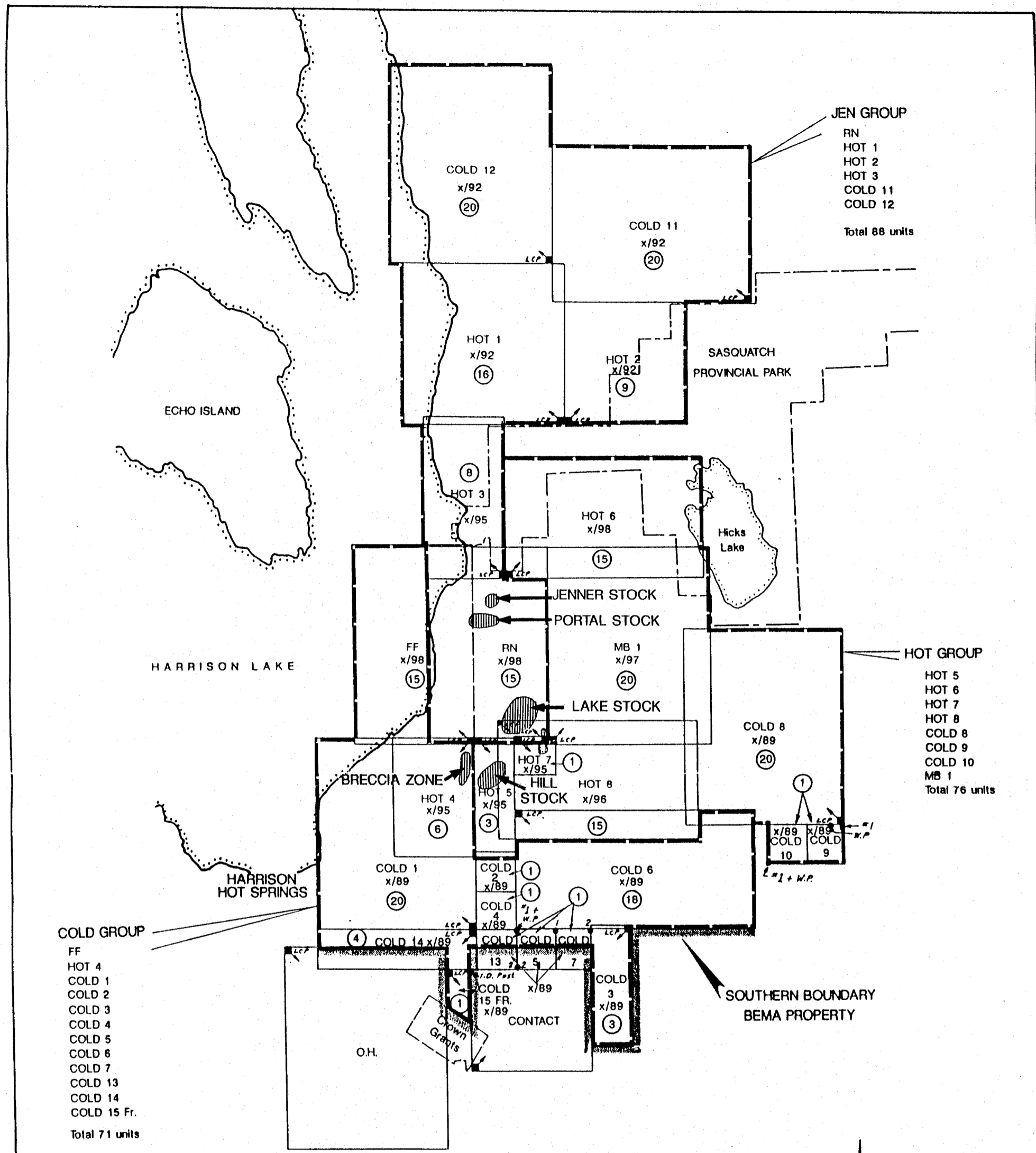
By early 1988, BIRI had earned a total of 35% equity by expending \$1.0 million whereupon BIRI and Kerr spent an additional \$357,000 in mid 1988 to vest their combined interest in the property. In August 1988, BIRI purchased Kerr's remaining 25% equity in the property, then undertook a comprehensive \$1,250,000 exploration program late in the year, which included the 7,150 metre diamond drilling program.

PROPERTY (See Figure 2)

The Harrison Gold Property consists of twenty-five claims and one fractional claim totaling 235 units. Table I, below, lists the claims individually with present expiry dates. All claims are registered in the name of Bema International Resources Inc.

TABLE 1 - CLAIM STATUS

<u>Claim</u>	<u>Record No.</u>	<u>No. of Units</u>	<u>Recording Date</u>	<u>Expiry Date</u>
RN	46(8)	15	Aug. 26, 1975	Aug. 26, 1998
MB-1	592(5)	20	Sept. 20, 1979	Sept. 20, 1997
FF	2051(9)	15	May 3, 1983	May 3, 1998
HOT 1	2579(12)	16	Dec. 17, 1984	Dec. 17, 1992
HOT 2	2580(12)	9	Dec. 17, 1984	Dec. 17, 1992
HOT 3	2581(12)	8	Dec. 17, 1984	Dec. 17, 1995
HOT 4	2582(12)	6	Dec. 17, 1984	Dec. 17, 1995
HOT 5	2583(12)	3	Dec. 17, 1984	Dec. 17, 1995
HOT 6	2584(12)	15	Dec. 17, 1984	Dec. 17, 1998
HOT 7	2585(12)	1	Dec. 17, 1984	Dec. 17, 1995
HOT 8	2587(1)	15	Jan. 10, 1985	Jan. 10, 1996
COLD 1	3473	20	Nov. 15, 1988	Nov. 15, 1989
COLD 2	3474	1	Nov. 13, 1988	Nov. 13, 1989
COLD 3	3475	3	Nov. 20, 1988	Nov. 20, 1989
COLD 4	3476	1	Nov. 15, 1988	Nov. 15, 1989
COLD 5	3477	1	Nov. 21, 1988	Nov. 21, 1989
COLD 6	3478	18	Nov. 16, 1988	Nov. 16, 1989
COLD 7	3479	1	Nov. 17, 1988	Nov. 17, 1989
COLD 8	3480	20	Nov. 18, 1988	Nov. 18, 1989
COLD 9	3481	1	Nov. 18, 1988	Nov. 18, 1989
COLD 10	3482	1	Nov. 18, 1988	Nov. 18, 1989
COLD 11	3483	20	Nov. 18, 1988	Nov. 18, 1992
COLD 12	3484	20	Nov. 20, 1988	Nov. 20, 1992
COLD 13	3487	1	Nov. 21, 1988	Nov. 21, 1989
COLD 14	3485	4	Nov. 21, 1988	Nov. 21, 1989
COLD 15 Fr.	3486	1	Nov. 21, 1988	Nov. 21, 1989



JEN GROUP
 RN
 HOT 1
 HOT 2
 HOT 3
 COLD 11
 COLD 12
 Total 88 units

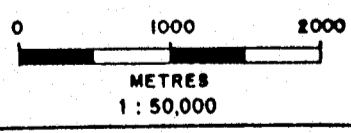
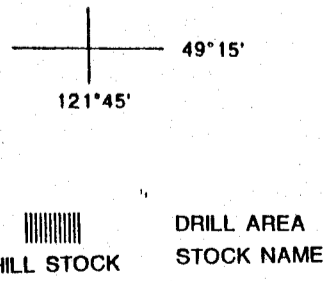
HOT GROUP
 HOT 5
 HOT 6
 HOT 7
 HOT 8
 COLD 8
 COLD 9
 COLD 10
 MB 1
 Total 76 units

COLD GROUP
 FF
 HOT 4
 COLD 1
 COLD 2
 COLD 3
 COLD 4
 COLD 5
 COLD 6
 COLD 7
 COLD 13
 COLD 14
 COLD 15 Fr.
 Total 71 units

PROPERTY TOTAL 235 UNITS

LEGEND

- HOT 1 CLAIM NAME
- x/92 YEAR OF EXPIRY
- (20) NUMBER OF UNITS
- LCP LEGAL CORNER POST
- W.P. WITNESS POST
- 1 INITIAL POST
- 2 FINAL POST



BEMA GOLD CORP.	
HARRISON GOLD PROJECT	
CLAIM MAP	
DATE: November 1988	JOB NO.: 8810
APPROVED BY: BHK	FIG. NO.: 2
▲▲ BEMA INDUSTRIES LTD.	

TABLE 3
HARRISON GOLD PROJECT
SUMMARY OF DRILL HOLES
COLD GROUP

DRILL HOLE #	DIP.	AZIMUTH	LENGTH metres	LOCATION - ELEVATION (ASL)
BX-88-127	-50	295°	92.4-282.2	7018 N, 11132 E, 709 m
BX-88-129	-45	295°	40.8-155.8	7033 N, 11100 E, 704 m
TOTAL DRILLED:			304.8 metres	

TABLE 4
HARRISON GOLD PROPERTY
SUMMARY OF DRILL HOLES
JEN GROUP

DRILL HOLE #	DIP.	AZIMUTH	LENGTH metres	LOCATION - ELEVATION (ASL)
LK-88-132	-60	300°	257.20	7705 N, 11853 E, 925 m
LK-88-133	-50	300°	243.23	7871 N, 11879 E, 921 m
LK-88-135	-55	90°	196.60	7567 N, 11561 E, 850 m
LK-88-136	-60	300°	185.93	7846 N, 11640 E, 855 m
LK-88-137	-55	120°	300.84	7794 N, 11525 E, 832 m
LK-88-138	-55	120°	188.37	7846 N, 11643 E, 855 m
LK-88-139	-60	300°	69.19	7854 N, 11548 E, 825 m
JN-88-106	-25	360°	85.00	9486 N, 11243 E, 188 m
JN-88-107	-60	360°	68.60	9485 N, 11243 E, 188 m
JN-88-111	-70	360°	189.00	9484 N, 11271 E, 189 m
JN-88-112	-55	180°	90.80	9482 N, 11271 E, 188 m
JN-88-113	-50	360°	162.50	9485 N, 11271 E, 188 m
JN-88-114	+50	180°	76.20	9481 N, 11271 E, 192 m
JN-88-115	-70	180°	117.30	9483 N, 11271 E, 188 m
JN-88-116	-60	270°	298.40	9482 N, 11269 E, 188 m
JN-88-117	+90	0	71.60	9482 N, 11270 E, 192 m
JN-88-118	-55	135°	109.12	9482 N, 11271 E, 188 m
JN-88-119	-60	270°	112.47	9485 N, 11309 E, 188 m
TOTAL DRILLED:			2,822.24 metres	

REGIONAL GEOLOGY

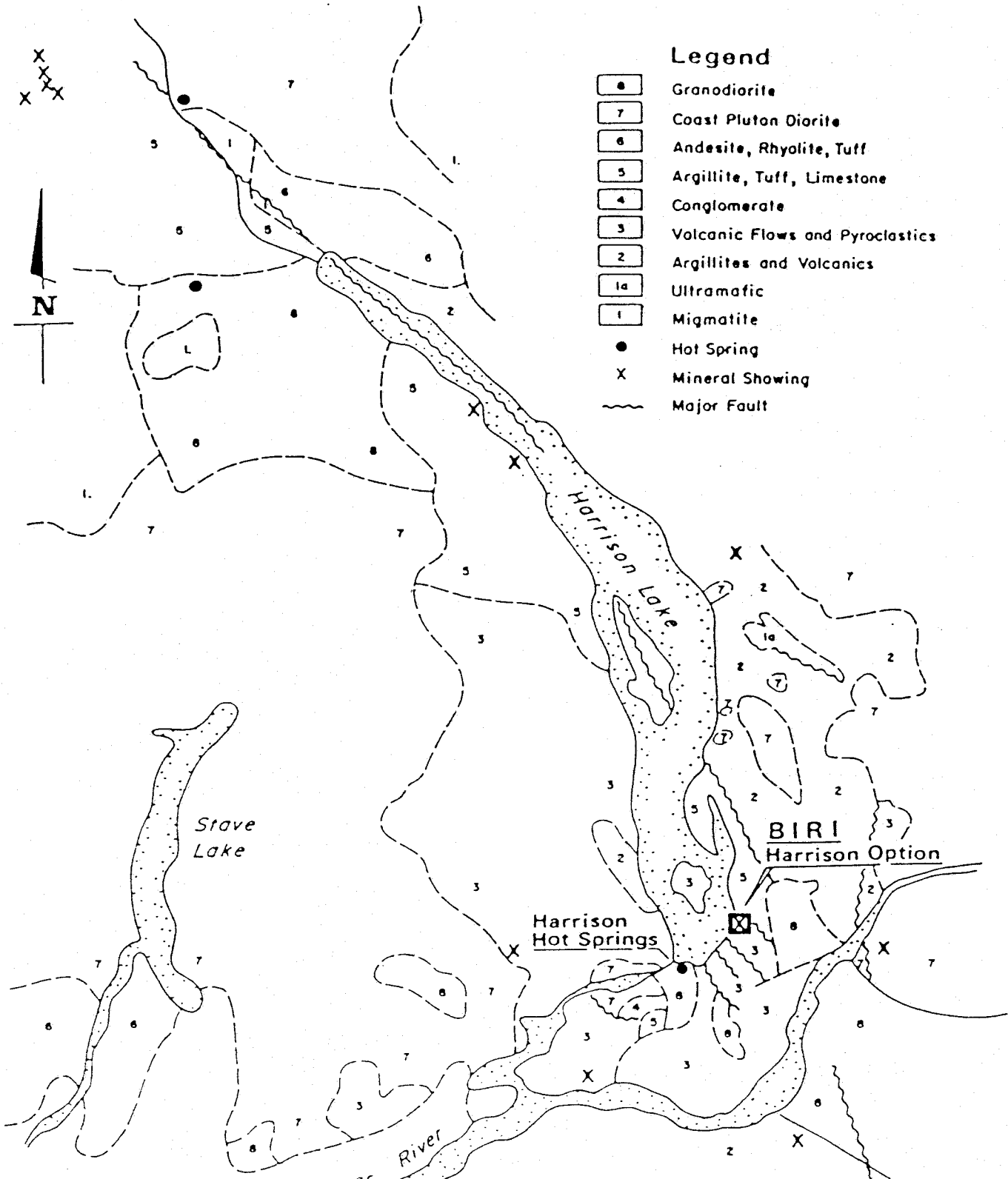
The Harrison Gold Property is situated within the Cascade Mountain geological terrane. This suite of rocks consists of a northwesterly trending axial core of gneiss and granitic rocks flanked on each side by folded and faulted sedimentary and volcanic sequences which show little evidence of metamorphism. The contact between the axial core and the western sequences is formed by the Harrison Fault which is a one to two kilometres wide fracture zone with well developed cleavage but no marked linear fabric. The Jenner Prospect lies just to the west of the Harrison Fault and is dissected by a substantial splay fault along which Jenner Creek flows.

The Harrison Fault extends for more than one hundred kilometres, north to south, from the Lillooet River well into Washington State. It has a dip of 65° to the east and is known to have numerous splay faults. Its age is placed at lower Cretaceous, about 110 ma.

The oldest rocks in the district are migmatites and ultramafics of unknown age which occur in the northwest and northeast corners of the map area and are unrelated to gold mineralization.

The oldest layered rocks are the Upper Paleozoic Chilliwack Fm volcanics and argillites which are overlain by Triassic Cultus Fm sediments. Later mid-Jurassic Harrison Lake Fm volcanic flows and pyroclastics are overlain by various conglomerate and sandstone units as well as the upper Jurassic Mysterious Creek Fm argillite which underlies most of the Harrison property. A final sequence of lower Cretaceous volcanics of intermediate to acid composition completes the layered succession of the area.

All the layered sequences have been cut by Cretaceous to Tertiary aged diorite and quartz diorite stocks and batholiths related to Coast Range intrusives. Locally, strong hydrothermal alteration is noted in the layered rocks of the western belt.



- Legend**
- Grandiorite
 - 7 Coast Pluton Diorite
 - 6 Andesite, Rhyolite, Tuff
 - 5 Argillite, Tuff, Limestone
 - 4 Conglomerate
 - 3 Volcanic Flows and Pyroclastics
 - 2 Argillites and Volcanics
 - 1a Ultramafic
 - 1 Migmatite
 - Hot Spring
 - X Mineral Showing
 - ~ Major Fault

BEMA INTERNATIONAL RESOURCES INC.	
HARRISON LAKE GOLD PROJECT	
Regional Geology	
DATE	MARCH 1987
SCALE	1 : 250 000

Figure 3

PROPERTY GEOLOGY

The greater part of the Harrison Gold Property is underlain by argillites of the Mysterious Creek Formation. This sequence is in fault contact with the older Chilliwack Fm sediments to the northeast and southwest of the property.

The Mysterious Creek Formation is a very uniform, monotonous, thin bedded black argillite. In the project area, it has been intruded by nine known quartz diorite stocks and bosses; these are likely offshoots of the large Hicks Lake batholith, situated at the eastern fringe of the Harrison Gold Property. Several diorite stocks and a feldspar porphyry dyke about 1,000 metres long also cut into the argillites.

These stocks are generally globular shaped with sizes ranging from 70 by 150 metres to 1,200 by 1,400 metres. The quartz diorite itself is fine to coarse grained with subhedral hornblende and biotite and contains about 10% quartz. Locally, 5% pyrrhotite with minor pyrite are contained within the quartz diorite.

In the Jenner and Portal Stocks, as well as in their immediate periphery, quartz vein stockworks are developed. The quartz veins are generally 5 to 50 millimetres thick and usually exhibit tight wallrock contacts, with some assimilation, indicating fairly high pressures when injection took place. These quartz vein stockwork systems will be discussed further in the following section entitled "Gold Mineralization".

Drilling and geological mapping of the Jenner Stock indicates that it is irregularly ellipsoidal in plan view, elongate north-south. However, it is generally cylindrical in vertical dimension, except near surface where it widens substantially. Its dimensions are 120 metres long and at its widest, about 75 metres east-west. Vertical extent tested by drilling has reached 350 metres below surface, or 100 metres below sea level.

The other quartz diorite stocks are also ellipsoidal in shape; however, insufficient drilling and mapping has been completed on these to give definitive indication of their true shape.

Alteration associated with the intrusion of the stocks consists mainly of hornfelsing and hybridization of the argillites with minor associated silicification. Within the intrusives, alteration is generally weak, consisting of minor quartz, epidote, actinolite, calcite and tremolite. Sulphide content is low; main species are pyrrhotite with minor pyrite and traces of chalcopyrite, molybdenite and several sulphosalts. In proximal hornfels, sulphide content may reach 15% to 20% over short sections; however, in the quartz diorite, average content is 3% to 5% sulphides.

GOLD MINERALIZATION

On the Harrison Gold Property, gold occurs mainly as free, visible flakes with or without silver and bismuth tellurides. Large gold grains may be up to 2 millimetres, while the more common size ranges from 0.2 to 0.6 millimetres and much smaller grains are also found.

The gold invariably occurs with the quartz vein stockworks in association with pyrrhotite. It is confined, however, to the quartz stockworks within the intrusives or their immediate periphery. Weak quartz veining also occurs in the argillites, with some sulphides; however, gold is not known to occur more than 2 to 3 metres outside the quartz diorite intrusives.

The quartz veins which carry the gold mineralization form a conjugate set with a bisectrix and are mainly related to the young, north-south trending Fraser Fault system. The conjugate set of veins trends $135^{\circ}/40^{\circ}$ SW and $155^{\circ}/25^{\circ}$ NE, while the bisectrix trends $105^{\circ}/25^{\circ}$ S. These three quartz vein systems carry most of the gold in the Jenner Stock. Minor subvertical quartz vein sets also carry gold.

WORK COMPLETED

During the six month period July 1 to December 31, 1988, an extensive work program was completed on the property. Three geologists completed two months of geological mapping; core was re-logged; new core handling and storage facilities were constructed; 45 kilometres of lines were cut; 60 kilometres of ground magnetic surveys were run; 1,000 soil samples and 200 rock

geochemical samples were collected. Other geological work included structural, petrographic and whole rock geochemical studies of the Jenner and Portal Stocks, their quartz vein systems and alteration haloes, as well as computerization of all geological and assay data.

The field program culminated in the drilling of 7,300 metres NQ "Thinwall" core which is 4.9 cm in diameter. All core was split and sampled in one metre intervals and assayed for gold. Every eighth sample was analyzed for trace elements. When sulphide minerals containing copper, zinc, lead, molybdenum or other metals were visually identified by logging, these metals plus silver were assayed for as well.

Drill hole numbers, locations, declinations and azimuth directions are given in Tables 2, 3 and 4 below. Table 2 shows drilling allocated to the "Hot Group"; Table 3 shows drilling allocated to the "Cold Group"; and Table 4 shows drilling allocated to the "Jen Group".

TABLE 2
HARRISON GOLD PROPERTY
SUMMARY OF DRILL HOLES
HOT GROUP

DRILL HOLE #	DIP.	AZIMUTH	LENGTH metres	LOCATION - ELEVATION (ASL)
HL-88-126	-50	143°	325.20	6988 N, 11116 E, 723 m
BX-88-127	-50	295°	0 - 92.4	7018 N, 11132 E, 709 m
HL-88-128	-60	143°	255.40	6869 N, 11085 E, 750 m
BX-88-129	-45	295°	0 - 40.8	7033 N, 11100 E, 704 m
HL-88-130	-50	143°	227.70	7126 N, 11311 E, 753 m
HL-88-131	-50	143°	237.44	7041 N, 11214 E, 735 m
HL-88-134	-50	143°	180.44	7169 N, 11408 E, 766 m
TOTAL DRILLED:			1,359.39 metres	

An outline of these groups is shown on the 1:50,000 scale Claim Map (Figure 2); copies of grouping notices showing details of claims and registration numbers are contained within each group.

Results of all geologic and assay data were entered into computer software, from which geological and assay sections are being provided for interpretation and preparation of assay blocks for ore reserve calculation on the Jenner deposit.

PURPOSE OF DRILLING

The extensive drilling program was undertaken to test for, and examine details of, extensions and grade of the Jenner and Portal Stock gold mineralized zones, as well as to search for new mineralized zones in other stocks on the property.

At the Jenner Stock, the status of reserves indicated by previous drilling was to be upgraded from probable/possible to proven/probable. The mineralized zones identified by previous workers also required clarification as no drilling had been carried out in north or south directions. Drilling in these directions was also required to determine the extent to the north and south of the Jenner Stock. Additionally, no drilling had been completed in the Jenner Stock below sea level; therefore, a deep hole was also planned. A wildcat hole was drilled from underground westward and out of the stock to search for a buried stock interpreted to exist from the newly determined alteration pattern. A total of 2,529.16 metres drilling in 21 drill holes was completed from underground at the Jenner Stock. Drill holes are numbered JNUG-88-106 to JNUG-88-126, inclusive, and locations are shown on Figure 5, in pocket. Of this drilling, holes JNUG-88-106 to 88-116, totalling 1,381.0 metres, were completed by November 30, 1988.

At the Portal Stock, drilling was undertaken to test for extent and grade of a mineralized zone located near the footwall of this stock. A total of 1,200 metres in 5 holes was drilled. Drill holes completed are numbered PT-88-85 to PT-88-89 inclusive and are shown on Figure 5. Costs of these holes are not included in the assessment work filed November 30, 1988, as they were drilled after that date; however, they are noted here for the record.

At the Hill Stock, holes HL-88-126, 88-128, 88-130, 88-131, and 88-134, totalling 1,229 metres, were drilled to search for gold mineralization in a Quartz Diorite Stock which contained numerous quartz veins. Average drill hole spacing was just over 100 metres; all holes were drilled to the southeast to test the quartz veins and Hill Stock most effectively.

At the Breccia Zone, drill holes BX-88-127 and BX-88-129, totalling 438 metres, were designed to search for precious and base metals in an altered breccia. The two holes were drilled on one section in order to determine the variation in geology, mineralization and geometry at depth. These two holes were drilled across the Hot 4/Hot 5 claim boundary, which is also the boundary between the Hot and Cold Claim Groups (see Figure 4). A net 300 metres in the two holes was drilled in the Cold Group (Hot 4 Claim) in these two holes. The remaining drilling of 138 metres was completed in the Hot Group (Hot 5 Claim) where it is added to the Hill Stock drilling footage to total 1,359 metres.

At the Lake Stock holes, LK-88-132, 88-133, 88-135, 88-136, and 88-137 were completed; holes LK-88-138 and 88-139 were at 188.4 and 54.0 metres, respectively, on November 30, 1988 when the assessment work was filed. Total drilling on the Lake Stock to November 30 was 1,441.24 metres; this drilling was added to the Jenner drilling footage as the Lake Stock is within the RN Claim of the Jen Group. Drilling on the Lake Stock was undertaken to search for gold mineralization in extensive, geochemically anomalous quartz veins within this large quartz diorite stock.

Holes in the Lake Stock were drilled in a southeast and northwest direction for best intersection of the mapped quartz veins. Holes were drilled along sections spaced about 80 metres apart. Exact collar positions are plotted on Figure 4.

RESULTS OF THE 1988 DRILL PROGRAM

JENNER STOCK

Geological work and assay results show a substantially different outline than previously interpreted as the quartz diorite stock and its gold mineralized zones. The two gold zones, previously thought to be a footwall and hanging wall zone on the east and

west sides of the Jenner Stock, are actually part of a continuous circular zone proximal to the outer contact of the Stock. This configuration was confirmed by drilling in north and south directions. Although there are several barren zones within it, the zone varies in thickness from 10 to 40 metres and grades from over 2 gm/ton gold to 6 gm/ton gold. Due to the irregular nature of the veins, it is difficult to determine an exact limit of the zone in each drill hole. These limits are being determined with computerized sections during the current reserve calculation process.

A high grade gold intersection was encountered some 320 metres below surface, or 70 metres below sea level, where a 9.0 metre interval grading 13.2 gm/ton gold was encountered. It was also found that the Jenner Stock expands significantly to the north with depth, increasing approximately 20 metres northward with every 50 metre depth level.

HILL STOCK

Two significant gold zones, each over 300 metres long, were encountered by the drilling at the Hill Stock. Hole HL-88-130 cut an upper interval of 4 metres grading 8.5 gm/ton gold and a lower interval of 8.0 metres also grading 8.5 gm/ton gold. Along strike, other drill holes encountered gold mineralization over one to two metres wide assaying from 6 to 13 gm/ton gold. Vertical projections of these zones to surface are shown on Figure 4.

BRECCIA ZONE

A wide zone of highly altered breccia was encountered in drill holes BX-88-127 and BX-88-129. The breccia is polymictic in nature, containing fragments of the surrounding country rocks as well as occasional fragments of quartz diorite. Fragments are mainly 5 cm to 10 cm in diameter, with the largest being about 50 cm in diameter. The breccia appears to have been hydraulically fractured with visible rotation of fragments; however, there is no apparent milling or grinding. Volatiles associated with the fracturing fill an estimated 25% of interstitial space. Most common interstitial mineral is chlorite, followed by carbonate, quartz, sericite, chlorite and sulphides.

In the deeper of the two holes, a 30 metre wide zone of sulphides averaging 5% to 8% pyrrhotite, pyrite, sphalerite and chalcopryrite was encountered near the eastern contact of the breccia. A 7 metre wide interval within this sulphide zone assayed 3.5 gm/ton gold, 13.8 gm/ton silver, 1.2% zinc, and 0.05% copper. The entire 30 metre sulphide zone assayed 1.5 gm/ton gold, 4.4 gm/ton silver, and 0.56% zinc, with trace copper. A narrow zone of low grade precious-base metals was encountered on the western contact of the breccia. Only trace sulphides were encountered in the upper level drill hole.

LAKE STOCK

Visible gold in several quartz veins was encountered in drilling on the Lake Stock. Best assay results were several one metre intervals running 1.0 to 2.5 gm/ton gold. Drilling on the Lake Stock is incomplete.

STATEMENT OF COSTS

The costs incurred in the execution of the field exploration and diamond drilling program on the Harrison Gold Property between July 1, 1988 and December 31, 1988 far exceed those which have been submitted for assessment work.

Only costs attributed directly to diamond drilling and assaying were considered when assessment work and PAC credits were filed. Cost submitted were calculated by taking entire drilling and assaying invoicing costs and determining average cost per metre, then multiplying the cost attributed to each group by the number of metres drilled within that group of claims.

Total invoiced charges for direct drilling costs submitted by contractor F.Boisvenu Drilling Ltd. are in the amount of \$ 589,310.37. With total drilling of 7,149 metres, this averages the direct drilling cost at \$ 82.43 per metre.

Total invoiced assay charges for direct assay costs submitted by Min En Laboratory Ltd. of North Vancouver, B.C. are in the amount of \$ 66,772.95. With total drilling of 7,149 metres, this averages the direct assay costs at \$ 9.34 per metre. Itemized cost statements are shown in Appendix I.

Total cost per metre of drilling is therefore \$ 91.77. With total drilling submitted at 4,489 metres, the total cost submitted is \$ 411,771.99, which is slightly higher than the \$ 405,600.00 estimated at the time the assessment work was filed.

Individual costs incurred on each of the three groups filed is listed in Table 5, below:

TABLE 5
HARRISON GOLD PROPERTY
1988 DRILLING COSTS

GROUP NAME	CLAIM DRILLED	METRES DRILLED	TOTAL COST	COST SUBMITTED
Hot Group	Hot 5	1,360	\$ 124,807.20	\$ 106,400.00
Cold Group	Hot 4	305	\$ 28,173.39	\$ 27,000.00
Jen Group	RN	2,822	\$ 258,993.29	\$ 272,200.00

From Table 5, it can be seen that final costs for the Hot and Cold Groups exceed those filed, while costs for the Jen Group are \$13,206.41 less than those filed.

In the Jen Group, only \$ 34,800.00 was used for actual assessment filing, the remainder being credited to Bema's PAC account.

CONCLUSIONS

Drilling on the Harrison Gold Property in late 1988 resulted in the discovery of two new mineralized zones at the Hill Stock and at the Breccia Zone. At the Jenner Stock, the extent of the mineralized zone is expanded to the north and at depth. At the Portal Stock, additional high grade gold mineralization was also encountered.

At the Jenner deposit, ore reserve estimates, expected to be completed in early April, 1989, will lead to metallurgical and engineering studies designed to determine if an economic deposit exists. The economics of the Jenner deposit would be positively enhanced if mineable zones of high grade gold were encountered at the Portal or Hill Stocks or if a substantial deposit of base-precious metals was indicated at the Breccia Zone.

RECOMMENDATIONS

Drilling programs designed to evaluate the extent of gold and base metal mineralization of the Portal, Hill and Breccia Zones should be undertaken as soon as possible. A program of 3,000 metres diamond drilling, costing \$ 300,000, is recommended.

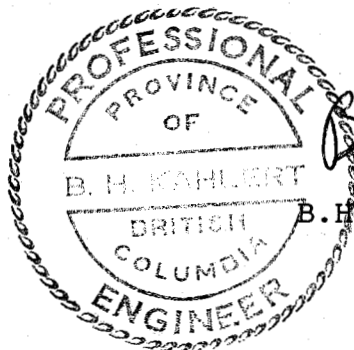
B. Kahl

CERTIFICATE

I, Bernard H. Kahlert, of the City of West Vancouver, in the Province of British Columbia do hereby certify that:

1. I am a Consulting Geologist and a principal in B.H. Kahlert and Associates Ltd. with offices at 1195 Sutton Place, West Vancouver, British Columbia;
2. I am a graduate of the University of British Columbia, 1966, with a Degree of B.Sc. in Geology;
3. I was registered with the Association of Professional Engineers of British Columbia in 1971;
4. I have practiced my profession as an exploration geologist continuously for over 22 years in Canada, the United States, Australia and China;
5. I have been employed by major mining, oil and consulting companies;
6. I have been directly involved in all aspects of work on the Harrison Gold Property since April 1988.

Dated at West Vancouver, British Columbia, this 27th day of February, 1989.



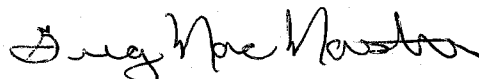
B.H. Kahlert
B.H. Kahlert, P.Eng.

STATEMENT OF QUALIFICATION

I, Greg A. MacMaster, with a residence address of 1701 - 195 Barrington Avenue, Toronto, Ontario, M4C 5M2, do hereby certify that:

1. I am a graduate of Queen's University at Kingston, Ontario with a B.Sc. Honours degree in Geological Sciences.
2. I have been employed full time as a Geologist since graduation and have seven summers of related experience in Ontario and the Northwest Territories. That my previous employers are the Ontario Geological Survey (1982 - 1988) and BHP - Utah Mines (May to September 1988).
3. I have been employed as a Geologist by Bema Gold Corporation since October, 1988.

Dated at Vancouver, British Columbia this 27th day of February, 1989.



Greg. A. MacMaster, B.Sc. Honours

STATEMENT OF QUALIFICATION

I, Deirdre K. Riley, with a residence address of 95 West 49th Avenue, Vancouver, British Columbia V5Y 2Z4, do hereby certify that:

1. I have been employed with Bema Gold Corporation as a Geologist since October, 1988.
2. I am a graduate of the University of Regina with a B.Sc. Honours degree in Geology (1987).
3. I have worked in the mining industry as an exploration geologist and consultant geologist in British Columbia and Timmons, Ontario since 1987. I have been previously employed by Westmin Resources Limited (1987 & 1988) and Kian A. Jensen, Consultant Geologist (1988).
4. I have logged core for Bema Gold Corporation at their property in Harrison, British Columbia (1988).

Dated at Vancouver, British Columbia this 27th day of February, 1989.

Deirdre Riley

Deirdre K. Riley, B.Sc. Honours

STATEMENT OF QUALIFICATION

JEAN-DENIS FOURNIER was employed by Bema International Resources Corporation from October to December 1988 to log core for the Harrison Lake Gold Project; as well, J.D. Fournier:

1. resides at #105, 10818 81 Avenue, Edmonton, Alberta.
2. graduated from the University of Alberta with a B.Sc. in Geology in 1987.
3. has worked as an exploration Geologist since graduation with a number of exploration mining companies and consulting groups, including BHP - Utah Mines Ltd., Falconbridge Inc. and Trigg-Woollett & Olson Consulting Ltd.

As Jean-Denis Fournier was not available to write a Statement of Qualification at this time, I, B.H. Kahlert, certify that the above statements are correct.

Dated at Vancouver, British Columbia, this 27th day of February, 1989.



B.H. Kahlert, P.Eng

STATEMENT OF QUALIFICATION

I, Brian K. Bowen, of Surrey in the province of British Columbia, do hereby certify that:

1. I am a Consulting Geological Engineer with an office at 12470 99A Avenue, Surrey, British Columbia, V3V 2R5.
2. I am a graduate of the University of British Columbia with a degree of Bachelor of Applied Science in Geological Engineering, attained in 1970.
3. Since 1970, I have been employed as both a mine and exploration Geologist in British Columbia and elsewhere.
4. I am a member in good standing of the Association of Professional Engineers in the Province of British Columbia.
5. I have no interests in Bema Gold Corporation nor in the property reported on herein, nor do I expect to receive any.

Dated at Surrey, British Columbia this twenty-seventh day of February, 1989.

B. K. Bowen

Brian K. Bowen,
Consulting Engineer

APPENDIX I

DETAILED COST STATEMENTS

Bema Gold Corporation
 Flow Through Expenditures
 December 31, 1988

28-Feb-89
 10:26 AM

Invoice Date	Payee	Invoice #	Date Incurred	Invoice \$
Oct 24	MinEn	11403C	Oct 24	2081.80
Oct 30	MinEn	11497C	Oct	2367.50
Nov 3	Min-en Labs	11608	Oct	3630.00
Nov 5	Min-en labs	11646	Oct	487.50
Nov 9	Min-En Labs	11693	Oct	5631.50
Nov 9	Min-En Labs	11699	Oct	119.00
Nov 9	Min-En Labs	11697	Oct-Nov	519.50
Nov 14	Min-En Labs	11771	Nov	3354.00
Nov 14	Min-En Labs	11766	Nov	4352.00
Nov 21	Min-En Labs	11876	Nov	3874.50
Nov 25	Min-En Labs	11918	Nov	2973.00
Nov 28	Min-En Labs	11984	Nov	135.75
Nov 29	Min-En Labs	11990	Nov/88	4048.50
Dec 5	Min-En Labs	12042	Nov	504.30
Dec 7	Min-En Labs	12065	Nov	5135.50
Dec 10	Min-En Labs	12121	Nov	4237.50
Dec 14	Min-En Labs	12169	Nov-Dec 14	4641.50
Dec 8	Min-En Labs	12078	Nov	730.00
Dec 16	Min-En Labs	12191	Nov	2745.90
Dec 23	Min-En Labs	12268	Nov	4204.50
Dec 22	Min-En Labs	12247	Nov	2798.00
Dec 31	Min-En Labs	12377	Nov	4328.45
Jan 9	Min-En Labs	12381	Jan	2137.90
Jan 5	Min-En Labs	12354	Jan 5	44.95
Jan 25	MinEn		Jan	1062.00
Jan 16	MinEn	125030	Jan	538.00
Jan 27	MinEn	69207	Jan	44.95
Jan 5	MinEn	12354C	Jan	44.95

				66772.95
				=====

SUMMARY TABLE OF DRILL COSTS

Date	BOYLES 37					VAL'DOR NEW DRILL					UNDERGROUND					Total	
	Footage	Footage Cost	Man Hours Drill Hours Cost	Cut Hours Cost	MATERIALS Cost	Footage	Footage Cost	Man Hours Drill Hours Cost	CAT TIME	MATERIALS	Footage	Footage Cost	Man Hours Drill Hours Cost	Generator	MATERIALS		
Oct 15 Estimate	167	3223.10	(3) 1,600.00	(8.5) 5925.25	762.10												11070.45
Boisvenue Billing	167	3223.10	(50) 1,250.00	(8.5) 5542.00	762.10												10,777.20
			85,367.05														
Oct 16 - Oct 31 - Estimate	2474	49354.60	(37) 2890.00	(8) 548.00	380.45	852	16984.40	(10.5) 2970.00	(43.5) 2979.75	1091.35	1857	36032.10	(21.5) 1930.00	150.00	4582.70		120,243.43
Boisvenue Billing	2474	49354.60		3578.60	762.10	852	16984.40		5658.00	1,222.31	1857	36032.10		2287.00	4646.71		5193
			53,695.30						23,864.71					843,165.81			120,725.82
GRAND OCT Totals Estimate	2641	52,577.70				852	16984.40				1857	36032.10					131,313.88
GRAND OCT Total Boisvenue	2641	52,577.70				852	16984.40				1857	36032.10					131,503.02
SUMMARY		864,472.50							2386471	28.01				43,165.81			131,503.02
		26,41 Feet							852 feet					1857 feet			5350 824
NOV 1-15 Estimate	2366'	46,649.40	(100) 3025.00	(21) 1459.50	2639.04	1776'	37,080.00	(162) 4005.00	(30) 2055.00	5118.66	1795'	34,704.30	(8) 370.00	2400.00	57.78		Footage total 5937
SUMMARY			53,702.94	22.70/ft				48,948.66	27.56				37,532.08	30.91	20.91		140,183.68
													44,103.58	24.57			23.61
GRAND TOTAL																	Grand total Footage total 11287
																	271,686.70
NOV 1-15 BOISVENUE			56,883.66	2021.50													142,905.96
			58,905.16	24.90													5937 24.0
			2366														Grand Total 274,408.98 = 24
																	11287
NOV 16-30	1584'	31,582.40	(226) 7280.00	2868	5071.77	1418'	27,732.20	(254) 8140.00	2868.00	4569.29	1621'	32,051.70	(152) 1820.00	2400.00	194.14		120,000.75
			46,802.17	29.56/ft													126,577.50
																	4623
																	= 27.38
																	25.20 = 400,986.48
NOV 16-30																	15910
																	401,891.93
Dec 1-15	1728 (8319)	35,904.00	(161) 5225.00	5031	3612.10	2049 (6095)	40,936.10	(67) 2095.00	3000.00	1969.56	2585 (858)	51,810.50	(48) 375.950.00	2400.00	1648.90		155,582.16
			44,741.10	25.89/ft				45,000.66	48,000.66				57,809.40	22.36/ft			557,474.09
								21,96/ft	23.42/ft								22,772.75
Dec 16-20	361	8220.90	1410.00	929.17	580'	11,350.80	(18) 590	(17) 590		802.31	242'	4670.60	2032.50				31,836.28
			10,560.07	29.25/ft				12,743.11	21.77				6703.10	27.70/ft			1183
			55,301.17														589,510.37
																	25.13/ft 231,455

APPENDIX II

COPIES OF NOTICES TO GROUP

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES DIVISION - TITLES BRANCH

DOCUMENT No. _____
OFFICE USE ONLY

Mineral Tenure Act
SECTION 28

NOTICE TO GROUP

INDICATE TYPE OF TITLE Mineral
(Mineral or Placer)*

SUB-RECORDER
RECEIVED
NOV 30 1988
M.R. # _____ \$ _____
VANCOUVER, B.C.
RECORDING STAMP

Bernard H. KAHLERT
(Name)
1195 Sutton Pl.
(Address)
West Vancouver B.C.
925-2743 V7S 2L3
(Telephone) (Postal Code)

Agent for Bema International Res Inc.
(Name)
1000-609 W. Hastings St
(Address)
Vancouver B.C.
681-8371 V6B 4W4
(Telephone) (Postal Code)

Valid subsisting FMC No. 299544

Valid subsisting FMC No. 286775

FMC Code KAHLBH

FMC Code (BEMINR)

request that the following mineral titles be grouped under group name Jen Group

Mining Division New Westminster Map No. 92H/5E

Name of Claim	No. of Units	Title Number
RN	15	46(8)
HOT 1	16	2579(12)
" 2	9	2580(12)
" 3	8	2581(12)
Cold H	20	3483(11)
12	20	3484(11)
Total Units	88	

Name of Claim	No. of Units	Title Number

BH Kahlert
(Signature of Applicant)

*Note: Mineral claim(s) and lease(s) cannot be grouped with placer claims and leases

DOCUMENT No. _____
 OFFICE USE ONLY

Mineral Tenure Act
 SECTION 28

NOTICE TO GROUP

INDICATE TYPE OF TITLE Mineral
 (Mineral or Placer)*

SUB-RECORDER
 RECEIVED
 NOV 30 1988
 M.R. # _____ S. _____
 VANCOUVER, B.C.
 RECORDING STAMP

1. Bernard H. KAHLERT
 (Name)
1195 Sutton Pl.
 (Address)
West Vancouver B.C.
925-2743 V7S 2L3
 (Telephone) (Postal Code)
 Valid subsisting FMC No. 299544
 FMC Code KAHLBH

Agent for Bema International Res. Inc.
 (Name)
1000-609 W. Hastings St
 (Address)
Vancouver B.C.
681-8371 V6B 4W4
 (Telephone) (Postal Code)
 Valid subsisting FMC No. 286775
 FMC Code (BEMINE)

request that the following mineral titles be grouped under group name COLD Group

Mining Division New Westminster Map No. 92H / SE

Name of Claim	No. of Units	Title Number
FF	15	2051(9)
Kot 4	6	2582(2)
Cold 1	20	3473(11)
" 2	1	3474(11)
" 3	3	3475(11)
" 4	1	3476(11)
" 5	1	3477(11)
" 6	18	3478(11)
" 7	1	3479(11)
" 13	1	3487(11)

Name of Claim	No. of Units	Title Number
Cold 14	4	3485(11)
Cold 15 Fr	1	3486(11)
Total units		72

B. Kahlert
 (Signature of Applicant)

*Note: Mineral claim(s) and lease(s) cannot be grouped with placer claims and leases

DOCUMENT No. _____
 OFFICE USE ONLY

Mineral Tenure Act
 SECTION 28

NOTICE TO GROUP

SUB-RECORDER
 RECEIVED
 NOV 30 1988
 M.R. # _____ \$ _____
 VANCOUVER, B.C.
 RECORDING STAMP

INDICATE TYPE OF TITLE Mineral
 (Mineral or Placer)*

1. Bernard H. KAHLERT
 (Name)
1195 Sutton Pl.
 (Address)
West Vancouver B.C.
925-2743 V7S 2L3
 (Telephone) (Postal Code)
 Valid subsisting FMC No. 299544
 FMC Code KAHLBH

Agent for Bema International Res. Inc.
 (Name)
1000-609 W. Hastings St.
 (Address)
Vancouver B.C.
681-8371 V6B 4W4
 (Telephone) (Postal Code)
 Valid subsisting FMC No. 286775
 FMC Code (BEMINA)

request that the following mineral titles be grouped under group name HOT Group
 Mining Division New Westminster Map No. 92H/5E

Name of Claim	No. of Units	Title Number
<u>HOT 5</u>	<u>3</u>	<u>2583(12)</u>
<u>u 6</u>	<u>15</u>	<u>2584(12)</u>
<u>u 7</u>	<u>1</u>	<u>2585(12)</u>
<u>u 8</u>	<u>15</u>	<u>2587(1)</u>
<u>Cold 8</u>	<u>20</u>	<u>3480(11)</u>
<u>9</u>	<u>1</u>	<u>3481(11)</u>
<u>10</u>	<u>1</u>	<u>3482(11)</u>
<u>MB- 1</u>	<u>20</u>	<u>592(5)</u>
<u>Total Units</u>	<u>76</u>	

Name of Claim	No. of Units	Title Number

B. Kahlert
 (Signature of Applicant)

*Note: Mineral claim(s) and lease(s) cannot be grouped with placer claims and leases

APPENDIX III

DRILL LOGS

AND

ASSAY CERTIFICATES

IN

SEPARATE BINDERS



HARRISON GOLD PROJECT
SUMMARY OF DRILL HOLES
JEN GROUP

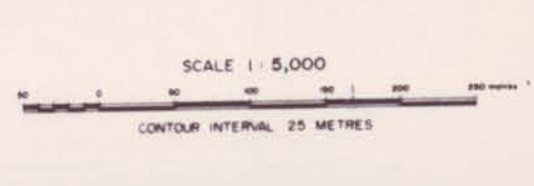
DRILL HOLE #	DIP	AZIMUTH	LENGTH metres	LOCATION - ELEVATION (ASL)
LK-88-133	-60	300°	257.20	7705 N, 11853 E, 925 m
LK-88-133	-50	300°	243.23	7871 N, 11879 E, 921 m
LK-88-135	-50	90°	176.40	7567 N, 11561 E, 850 m
LK-88-136	-60	300°	185.93	7846 N, 11640 E, 855 m
LK-88-137	-50	120°	200.84	7794 N, 11548 E, 821 m
LK-88-138	-55	120°	188.37	7846 N, 11643 E, 855 m
LK-88-139	-40	300°	159.19	7854 N, 11548 E, 825 m
JH-88-106	-25	160°	85.00	9480 N, 11243 E, 189 m
JH-88-107	-40	160°	68.00	9480 N, 11271 E, 189 m
JH-88-111	-70	160°	189.00	9480 N, 11271 E, 189 m
JH-88-112	-55	180°	162.50	9480 N, 11271 E, 188 m
JH-88-113	-50	180°	162.50	9480 N, 11271 E, 189 m
JH-88-114	-50	180°	76.20	9483 N, 11271 E, 189 m
JH-88-115	-70	180°	137.30	9483 N, 11271 E, 189 m
JH-88-116	-60	270°	298.40	9482 N, 11209 E, 188 m
JH-88-117	+90	0	71.60	9482 N, 11270 E, 188 m
JH-88-118	-55	135°	109.12	9482 N, 11271 E, 188 m
JH-88-119	-60	270°	112.47	9483 N, 11309 E, 188 m

HARRISON GOLD PROJECT
SUMMARY OF DRILL HOLES
COLD GROUP

DRILL HOLE #	DIP	AZIMUTH	LENGTH metres	LOCATION - ELEVATION (ASL)
BK-88-127	-50	295°	92.4	282.2 7018 N, 11132 E, 709 m
BK-88-129	-45	295°	40.8	155.8 7033 N, 11100 E, 704 m

HARRISON GOLD PROJECT
SUMMARY OF DRILL HOLES
HOT GROUP

DRILL HOLE #	DIP	AZIMUTH	LENGTH metres	LOCATION - ELEVATION (ASL)
HL-88-126	-50	143°	325.20	6988 N, 11116 E, 723 m
BK-88-127	-50	295°	6	92.4 7018 N, 11132 E, 709 m
HL-88-128	-60	143°	255.40	6849 N, 11085 E, 750 m
BK-88-129	-45	295°	6	40.8 7033 N, 11100 E, 704 m
HL-88-130	-50	143°	237.70	7126 N, 11213 E, 753 m
HL-88-131	-50	143°	237.44	7041 N, 11214 E, 735 m
HL-88-134	-50	143°	180.44	7103 N, 11408 E, 766 m



- 7 HYDROTHERMAL BRECCIA
- 6 BASIC DYKE
- 5 FELSIC DYKE
- 4 CONTACT PHASES
 - 4c DYKE ZONE
 - 4b BRECCIA ZONE
 - 4a HYBRID ZONE
- 3 QUARTZ DIORITE 3a FELDSPAR PORPHYRY
- 2 DIORITE
- 1 lc HORNFELS
- ld VOLCANIC TUFFS & FLOWS
- la SEDIMENTS
- 500 TOPOGRAPHIC CONTOUR (10 metre intervals)
- 180 ELEVATION MARKER in METRES
- CREEK
- ROAD
- HOT 7 LCP CLAIM BOUNDARY, LEGAL CORNER POST & CLAIM NAME
- FAULT
- GEOLOGIC CONTACT
 - OBSERVED
 - APPROXIMATE
 - POSSIBLE
- DRILL HOLE COLLAR LOCATION & TRACE, with HOLE NUMBER
- SIGNIFICANT INTERSECTION FROM DRILL HOLE DATA
- GROUP BOUNDARY

BEMA GOLD CORPORATION

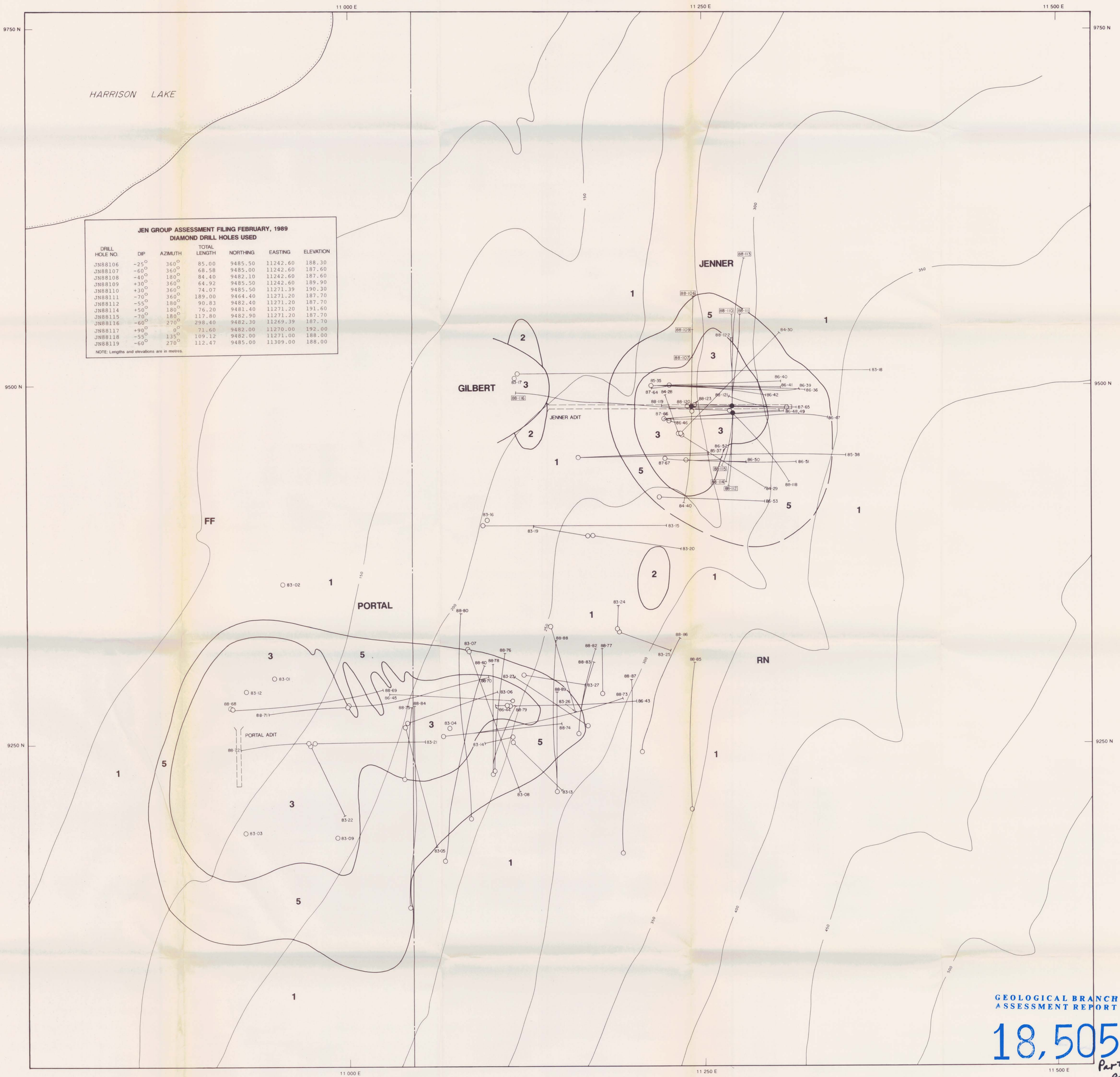
HARRISON GOLD PROJECT

GENERAL GEOLOGY

DATE FEBRUARY 1989	JOB NO 8910	FILE NO	FIG NO 4
DRAWN BY LGC	REVISOR BY		SCALE 1:5000

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18,505 Part 1 of 7



**JEN GROUP ASSESSMENT FILING FEBRUARY, 1989
DIAMOND DRILL HOLES USED**

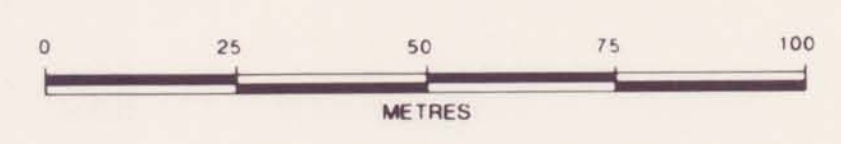
DRILL HOLE NO.	DIP	AZIMUTH	TOTAL LENGTH	NORTHING	EASTING	ELEVATION
JN88106	-25°	360°	85.00	9485.50	11242.60	188.30
JN88107	-60°	360°	68.58	9485.00	11242.60	187.60
JN88108	-40°	180°	84.40	9482.10	11242.60	187.60
JN88109	+30°	360°	64.92	9485.50	11242.60	189.90
JN88110	+30°	360°	74.07	9485.50	11271.39	190.30
JN88111	-70°	360°	189.00	9464.40	11271.20	187.70
JN88112	-55°	180°	90.83	9482.40	11271.20	187.70
JN88114	+50°	180°	76.20	9481.40	11271.20	191.60
JN88115	-70°	180°	117.80	9482.90	11271.20	187.70
JN88116	-60°	270°	299.40	9482.30	11269.39	187.70
JN88117	+90°	0°	71.60	9482.00	11270.00	192.00
JN88118	-55°	135°	109.12	9482.00	11271.00	188.00
JN88119	-60°	270°	112.47	9485.00	11309.00	188.00

NOTE: Lengths and elevations are in metres.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,505
Part 1
of 7

- 5 Hornfels - Hybrid phase
- 3 Quartz Diorite
- 2 Diorite
- 1 Argillite, Chert, Siltstone
- 83-14 Drill hole trace and hole number
- 150 Topographic contour in metres above sea level
- 9500 N Grid co-ordinates
- PORTAL Stock outline and name
- Drill hole used for Assessment Filing, February, 1989
- RN Claim line & name



BEMA GOLD CORPORATION

HARRISON GOLD PROJECT
JENNER - PORTAL AREA
**GEOLOGY
and
DRILL HOLE LOCATIONS**

DATE January 1989	JOB NO 8810	FILE NO	FIG NO 5
DRAWN BY			
REVISED BY	SCALE 1:1000		

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