

RECEIVED JAN - 4 1985

Highmark Resources Ltd.  
Suite 1220 - 609 Granville St.  
Vancouver B.C.

D.C. WING.  
1803<sup>rd</sup> - Old Gale Rd.  
Surrey B.C.  
V3T 3C7

Jan 2nd 1985

**FILE**

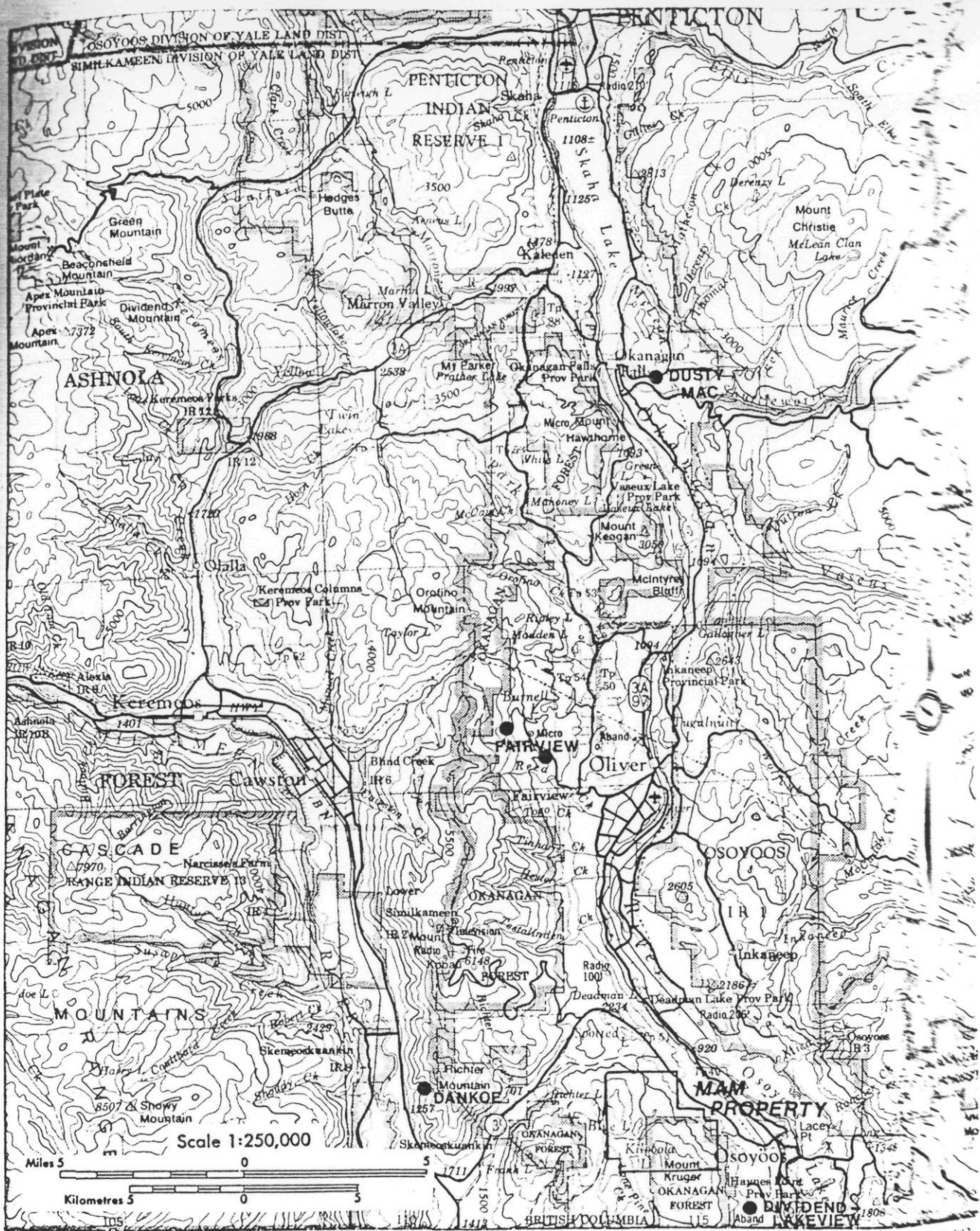
800012

Dear Sirs

as our agreement November 2, 1984 this  
will say be Report for the month of November  
& December 1984. will be report 1 & 2.

on December 12, 1984 met Pordie and  
Ray Klein & myself visited the property to  
decide the best way to work it, but found the  
ground too frozen & too much snow. to do  
anything so have decided to leave it until  
later part of February or March.

Yours Truly  
D.C. Wing



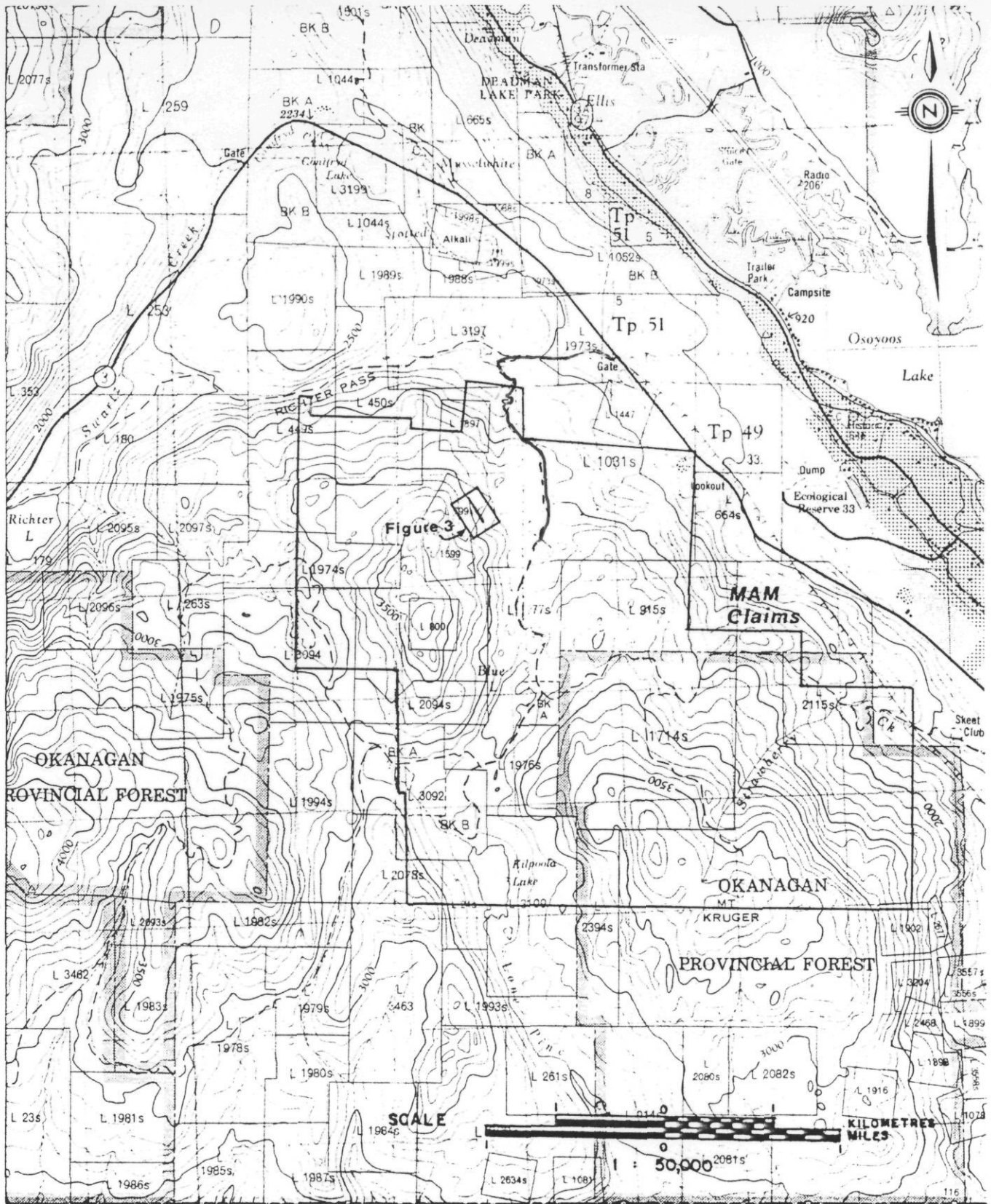
HIGHMARK RESOURCES LTD.

ACCESS MAP

Osoyoos Mining Division - British Columbia

MAM PROPERTY





HIGHMARK RESOURCES LTD.

82E/4E

**CLAIM MAP**

Osoyoos Mining Division - British Columbia

MAM PROPERTY

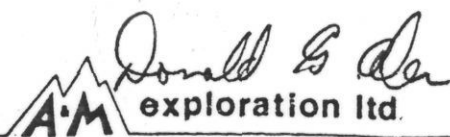


Figure 2

MAM PROPERTY, OSOYOOS, B.C.

Travelling to Osoyoos through Keremeos on Hwy. 3,  
about 5 miles before you reach the top of the hill, there is  
a housing development called Osoyoos West Estates.  
Turn RIGHT onto Richter Pass, travel 1/2 mile to a junction.  
Turn LEFT on a gravel road - 1/2 mile down the road,  
turn RIGHT at the lake - that road takes you to the camp.

(Call Joe at 263-7278 if you get lost, or Wayne 669-5177)

Highmark Resources Ltd.  
#1220-609 Granville St.  
P.O. Box 10355  
Vancouver B.C. V7Y 1G5

RECEIVED APR 10 1985

Apr. 5/85  
L.E. King  
1803#13350 Oldgate Road.  
Surrey B.C. V3T-3C7.

Dear Sir:

just arrived back from trip to the property & there is about eight inches of frozen snow.

Will leave Vancouver about the 14<sup>th</sup> of April & I believe the snow will be gone have the work permit O.K. & have a Liability Insurance & Compensation board. O.K. also.

Hope to have camp up & working before end of month

L.E. King

Highmark Resources Ltd  
# 1220 - 609 Granville St.  
P.O. Box 10353 Vancouver B.C.  
V7Y 1G5

RECEIVED MARCH 5 1985

1805-13350 High Rd.  
Surrey B.C. V5T-3E

March 2 - 1985  
3/07/85

**FILE**

Dear Sir:

Re agreement to our reporting that I  
have not been on the property since last  
reported but hope to be there sometime this  
month the ground is still frozen.

Thank you

A. King

Highmark Resources Lt  
1220<sup>th</sup> - 609 Grenville St  
P.O. Box 10353  
Winchester NL V7Y 1E5

Ed King  
1803<sup>rd</sup> - 13350  
Old York Rd.  
Surrey BC

May 1/85

RECEIVED MAY - 6 1985

Sir +

Have commenced work on the property  
& have stock piled 15 Tons of ore to date  
& will concentrate on P.P.H No 15 to  
intersect vein by sinking shaft or Diamond  
Drill to confirm hole 15.

Also have enclosed map of what has  
been done.

Yours Truly

Ed King

MINED ORE 48 X 4 X 10  
AT HOLE 81-N1

ORE PILE  
APPR. 15 TONS

HOLE (15)

Fault Zone

4 X 22 X 1 1/2

BED ROCK 4 X 14 X 6

IT 100 N - BL

APPROX ZONE  
HIT BY P.D.H

9 X 5 X 12

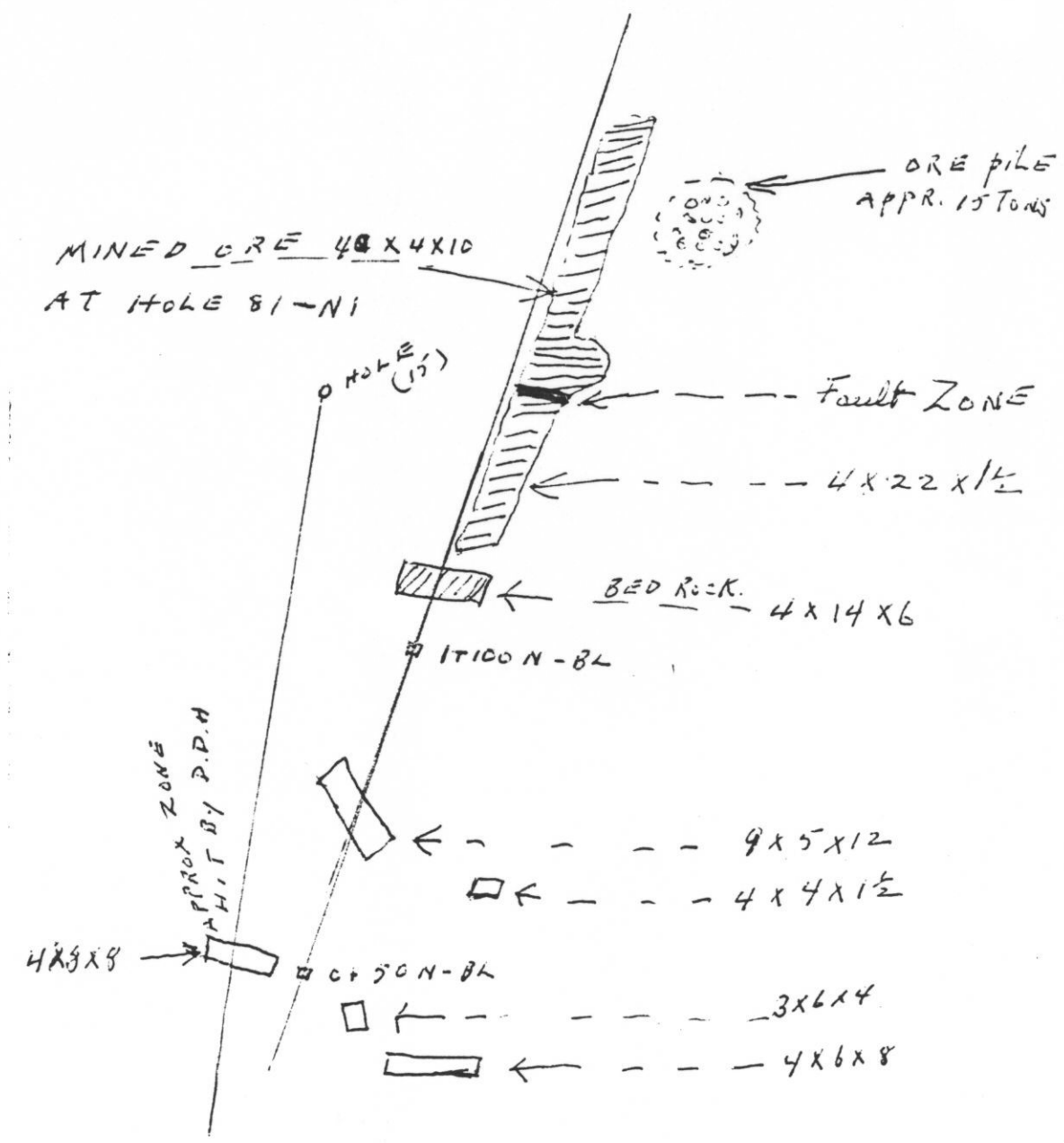
4 X 4 X 1 1/2

4 X 3 X 8

CT 50 N - BL

3 X 6 X 4

4 X 6 X 8





Highmark Resources  
1220 - 609 Glen St. S.E.  
Pear. S.W. ne.

(B)

RECEIVED JUL - 5 1985

Have selected Three zone to Commence mining

- 1st choice in Hole area of 5, 6, 7, 8,
- 2nd choice in Vicinity of Hole 4
- 3rd choice a 2ft vein just South of.  
Hole no 4 this vein has never been drilled or checked out.

To date have drilled 430 ft of Diamond drilling to determine zone to mine also several shafts to bed Rock plus Trenching & Stock piling of ore.

Hope to close camp for two weeks in July. for Summer break.

Have not assayed any material to date except coating of material on Rods.

But have panned cuttings of of core & Roasted the Sulphides & you can see free gold with naked eye.

Have sacked 7 Bags of material for assay.  
I believe one zone will be acceptable high in Value.

There is a possibility of taking 700 tons of ore out this year if the material

(2)

hang out.

so far things looks promising.

When I get back after the two weeks off will bring in equipment to clear the overburden to bed Rock & commence mining.

The following pages are results of holes drilled. The recovery was very poor so did not assay any of it.

Dated July 2/85

No 1 Hole.  
45° 32 ft.  
To Test hole No 15  
drilled by you.

---

No 2 Hole.  
45° - 64 ft.  
To Test hole No 15  
drilled by you

---

No 3 Hole.  
45° - 62 ft.  
to test ~~the~~ extent  
of quartz showings.

---

No 4 hole.  
89 ft. 30°  
to test hole 9-10  
drilled by you.

③  
Sulphide 15-17 ft.  
fast water  
mostly country Rock 15-32

Sulphides 48-51  
mostly country Rock.

Sulphide 36-38  
Sulphide 45-47  
Rust mostly country Rock.

Sulphide 38-40  
Pieces of quartz high grade  
fast water.  
Drilled on with no water.  
Return hit Rust zone & small  
fragments of quartz in Core Barrel  
country Rock. 53-58 ft.  
59-70 ft.  
lots of Sulphides stuck to Rods.  
washed it off to check sent in for  
assay. 70-79 ft.  
Rust zone 79-82 ft.  
change of Rock Replace with  
Rock of no chlorine.

Hole No 5

Vertical 35ft.

To Test showings of Hole 15  
drilled by you.

---

mostly Country Rock.

Hole No 6

Vertical 34ft.

To Test showings of Hole 15  
drilled by you

---

Sulphide 6-30 ft.

Hole No 7 -  
Vertical 35ft.  
To Test showings of Hole 15  
drilled by you

---

Sulphides 0-13.

Rusty quartz 13-18

Sulphides 19-30

Hole No 8

Vertical 37ft.

Test showings of Hole 15  
drilled by you

---

stringer of quartz at 2 ft.

quartz 18-19.

quartz 30-32

Sulphides most of Hole.

---

Hole No 9

45° - 42ft.

this hole was drilled  
500 ft north east of Hole 9-10  
to test another zone

Country Rock. 0-30

celcite in several stringers

largest being 6 inches 30-36

last water drilled to 42ft.

in change of rock to a sort  
of muddy type of Sediments

(5)

Have sent my drill out to Vancouver Island.  
or I would have checked out this other vein  
we found.

Yours Truly

W. H. King  
1803<sup>rd</sup> - 13350 Old Yale Road  
Surrey - B.C. V3T-3C7

**WEYMARK ENGINEERING LTD.**

*Consulting Engineers*

3310 WESTMOUNT ROAD  
WEST VANCOUVER, B.C.  
CANADA

TELEPHONES:  
922-1536  
736-6812

9 July 1985

The Directors  
BIG M PETROLEUM Inc.  
101 - 744 West Hastings Street  
Vancouver, B. C.

GENTLEMEN:

RE: PROGRESS REPORT  
BULK TESTING PROJECT  
Mam Mineral Claims Group  
Osoyoos Mining Division  
British Columbia

---

In accordance with the Terms of our Reporting Agreement dated 12 December 1984, we are pleased to submit for your information, this Second Progress Report of the works completed by Duncan C. Wing, Bulk Sampling Contractor of the Main Vein, Mam Mineral Claims Group, Osoyoos Mining Division, British Columbia, during June 1985.

Personal Field Examinations were made 7th June 1985 and 6th July 1985.

During this period Wing had stripped the area leading to the Portal Adit, diamond drilled more test holes in the walls for the Adit.

Near Station No: 1+ 00 West he was sinking a test pit in bed rock following the Serpentinecontact with the quartz vein. Some sulphide and other metallics mineralization is visible. He was at a depth of five feet when examined.

He was considering bid prices for the adit crosscut.

Respectfully submitted,

  
William J. Weymark P. Eng.

Hughmont R. mines Ltd.

1220<sup>#</sup> - 609 Kenville St.

P.O. Box 10353

Vancouver, B.C. V7Y 1G5

D.C. WING.

1803<sup>#</sup> - 1350 Odessa Rd.

Surrey B.C. V3T-3C7

July 31/85

588 8788

**FILE** RECEIVED AUG - 2 1985

Sirs,

Had to close camp on July 9<sup>th</sup> cause of fire hazard & hope to be back sometime first part of August.

Our first is to sink a shaft, which probably be a production shaft, which will encompass my Diamond drill holes 6, 7, 8.

Shaft on No 6 hole hit a small highgrade vein assay Results are:-

Vein on left side of shaft.	AU 2.698	AG 3.41
Sample taken 6 inches each side of vein	AU 1.136	AG 0.82
Vein on Right side of shaft.	AU 2.224	AG 1.53
Sample Taken 6 inches each side of vein	AU 0.956	AG 0.37

Have found a zone about 20 ft wide which have several stringers of quartz + a shear zone ~~thru~~ 3 1/2 ft. which I would call a Thermal Deposit which the magma ~~can~~ came through under some water + crystallized into a Breccia of the Contact Rock. + quartz is quartz assayed. AU .086 AG 0.10 but is worth while to explore.

(2)

the assay across 20 ft of zone AU 5.00 - 46.0.00  
of this 20 ft we did considerable open cut.

after sinking the shaft to our objective we will  
commence drifting a tunnel to our first objective at 35 ft.  
which we struck high grade but would not core. & on to  
intersect your diamond drill 9-10. which is 78 ft.  
& your assay of 5.06 AU.

This drift we will follow our Diamond drill  
hole No 4 if we can.

This shall be a report for the month of  
July 1935.

Following.



**WEYMARK ENGINEERING LTD.**

*Consulting Engineers*

3310 WESTMOUNT ROAD  
WEST VANCOUVER, B.C.  
CANADA

TELEPHONES:  
922-1536  
736-6812

3rd September 1985

The Directors  
Big M Petroleum Inc.  
101 - 744 West Hastings Street  
Vancouver, B. C.

Gentlemen:                                Re Progress Report # 4  
    Bulk Testing Project  
    Mam Mineral Claims Group  
    Osoyoos Mining Division  
    British Columbia

---

In accordance with the terms of our Reporting Agreement dated the 12 December 1984, we are pleased to submit for your information, this fourth Progress Report of the works completed by Duncan C. Wing, Bulk Sampling contractor - sampler, of the Main Vein, Mam Mineral Claims Group, Osoyoos Mining Division, British Columbia, during August 1985.

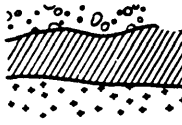
During this period two examinations were made 23 and 31 August 1985. The work accomplished by Wing included:

- i. The recommencement of work on the 15th August 1985 after lifting the fire hazard by the Ministry of Forests in the area.
- ii. Grading of the access roads to the works area.
- iii. Rock trenching by blasting and back-hoe in the 1+00 West section. A sample from the vein taken by Weymark Engineering assayed 0.751 oz gold; 0.94 ozs Silver per ton and <0.02 % copper, see attached.
- iv. The adit portal was excavated for 3 rounds - 25 feet and portal timbering was in place.
- v. A crew of miners and mining equipment is on the job.

Respectfully submitted,

  
William J. Weymark P. Eng.

& Company Ltd.  
on Ave.  
Souver. B.C.  
77P 2R5  
(604) 985-0681  
x: 04-352667



**BONDAR-CLEGG**

Certificate  
of Analysis

REPORT: 425-2494

PROJECT: WING-M

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	Cu PCT
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R2 WING 1+00 W		0.751	0.94	<0.02
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Chip Vein Material Rock Trench 1.00 West  
Main Vein, Mam Mineral Claims

CERTIFIED AS TO PROCUREMENT,

  
WILLIAM J. WEYMARK P. Eng.

Agmark Resources Ltd  
1220<sup>th</sup> - 609 Granville St.  
Vancouver B.C.

D.C. WING.  
1863<sup>rd</sup> - 13350 CED YALE RD.  
Surrey B.C. V3T3C7.

RECEIVED NOV - 8 1985

Dear Sir:

Re our Report for October.

- 1. Have drifted tunnel to 83 ft. encountered small seams of mineralization
- 2. did 2 long Holes encountered massive Sulphides
- 3. drifted to one zone of sulphides & was a 6" vein of very high grade material the other zone of massive sulphides is 9 or 10 times greater than the one drifted on.
- 4. drilled 8 ft on the floor of tunnel & encountered massive Sulphides.
- 5. on item (3) the 6" vein is the start of 5.06 oz. Gold your diamond drill hole No 15 encountered.
- 6. No 15 diamond drill hole went down at a 60° angle. & the quartz vein went down at a 65° angle & came to-gether at 104 ft. depth. the quartz vein at site of the drill hole was approximately 20 ft behind the drill. sunk shaft 11 ft in floor of tunnel & took sample & found native gold in sample.

The vein strikes N.W - S.E + dips <sup>(2)</sup> 65° south right under the tunnel floor.  
in our plan for the 1986 season our incline shaft under the floor of  
the tunnel will follow the vein all the way to the point of Diamond  
drill hit the 5,06 oz Gold.

Have sacked approximately 30 tons of ore for shipping.

closed camp October 22/85.

will open camp & commence work as soon as weather permits in the  
spring of 1986.

The first shipment will leave the property within the first ten days on  
the property in 1986.

will give you assays of vein & drill holes as soon as I  
receive them

Thank you

W. King

**WEYMARK ENGINEERING LTD.**

*Consulting Engineers*

3310 WESTMOUNT ROAD  
WEST VANCOUVER, B.C.  
CANADA

TELEPHONES:

922-1536  
736-6812

RECEIVED OCT 31 1985

30 October 1985

The Directors  
Big M Petroleum Inc.  
101 - 740 West Hastings Street  
Vancouver, B. C.

GENTLEMEN:

Re: Progress Report  
Bulk Testing Project  
Mam Mineral Claims  
Osoyoos Mining Division  
British Columbia

In accordance with the Terms of our Reporting Agreement dated 12th December 1984, we are pleased to submit for your information, this sixth Progress Report of the works completed by Duncan C. Wing, Bulk Sampling Contractor of the Main Vein, Mam Mineral Claim Group, Osoyoos Mining Division, British Columbia.

Field Examinations were made October 5, 12, 19, and 26, 1985

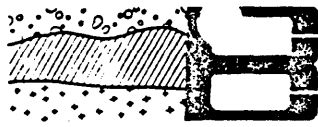
During this period Wing sank a 8x8 vertical winze at footage 40 from the Portal Main Adit to a depth 20 Feet where a four-foot depth sulphide mineralized zone was penetrated, for the width of the winze. Chip samples for gold, Silver and copper recorded insignificant values. Annex A.

At two hundred feet east of the Adit Portal, along the vein strike, a cross trench was excavated to the vein zone. A chip sample across the six inch width of the vein assayed 0.418 oz Gold, 0.33 oz Silver and less than 0.01% copper, - Annex B.

Due to freezing and snowfall conditions, Wing ceased exploration work and closed the camp. Plans proposed provide for review of the work accomplished, correlation of metallic bearing zones, for definitive selection of the bulk sampling section.

Respectfully submitted,

  
William J. Weymark P. Eng.



REPORT: 425-3416

PROJECT: WING PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	Cu PCT	
R2 WINZE FACE		<0.002	<0.02	<0.01	Chip 4 ft Sulphide zone
R2 WINZE BOTTOM		<0.002	<0.02	<0.01	Chip 4 ft Base Sulphide Zone

W. J. Weymark P. Eng.

Weymark & Company Ltd.  
 1000 Camberton Ave.  
 North Vancouver, B.C.  
 Canada V7P 2R5  
 Phone: (604) 985-0681  
 Telex: 04-152667



# BONDAR-CLEGG

Certificate  
 of Analysis

REPORT: 425-3491

PROJECT: WING

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	AU OPT	Ag OPT	CU PCT
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R2 WING		0.418	0.33	<0.01
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Cross Trench Vein 0- Chip 6 inches

W. J. Weymark P. Eng.

WILLIAM J. WEYMARK, P.ENG.

*Consulting Engineer*

3310 WESTMOUNT ROAD  
WEST VANCOUVER, B.C.  
CANADA

TELEPHONE  
922-1536

1 )ct0ber 1985

The Directors  
Big M Petroleum Inc  
101 - 744 West Hastings Street  
Vancouver, B. C.

GENTLEMEN:

Re: PROGRESS REPORT  
Bulk Testing Project  
Mam Mineral Claims Group  
Osoyoos Mining Division  
British Columbia

In accordance with the Terms of our Reporting Agreement dated 12th December 1984, we are pleased to submit for your information, this fifth Progress Report of the works completed by Duncan C. Wing, Bulk Sampling Contractor of the Main Vein, Mam Mineral Claims Group, Osoyoos Mining Division, British Columbia during September 1985.

Personal Field Examinations were made September 1, 7, 14, 21, and 28th, 1985.

During this period Wing has driven the Adit Portal a distance of 83 feet from the portal, sized 8 x 9 feet, where he has stopped driving. He has washed the walls of the adit and drilled lateral and vertical test in the walls and floor to assess mineral and geological features.

At about 40 feet from the portal he intersected a vein zone, 6 inches in width. This is mineralized and samples are being tested. At 80 feet, he intersected another fracture - vein zone in the right wall. This is being tested and sampled.

Three hundred feet easterly at Station 1+25, vertical test pits are being sunk. Samples taken of the vein assayed 1.620 and 2.365 ounces per ton Gold and 1.52 and 2.39 ounces of Silver per ton across 2 feet width, see attached.

Respectfully submitted,

  
William J. Weymark P. Eng.



Bondar-Clegg & Company Ltd.  
J Pemberton Ave.  
North Vancouver, B.C.  
Canada V7P 2R5  
Phone: (604) 985-0681  
Telex: 04-332667



BONDAR-CLEGG

Certificate  
of Analysis

REPORT: 425-2791

PROJECT: WING

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	Cu PCT	
R2 WING 1+00 A		1.620	1.52	<0.01	Chip - 18" Vein
R2 WING 1+00 B		2.365	2.39	0.01	Chip - 6" Hanging wall

Certified as to Procurement

W. J. Weymark P.

Registered Assayer, Province of British Columbia

WEYMARK ENGINEERING LTD.

*Consulting Engineers*

3310 WESTMOUNT ROAD  
WEST VANCOUVER, B.C.  
CANADA

TELEPHONES:  
922-1536  
736-6812

30 October 1985

The Directors  
Big M Petroleum Inc.  
101 - 740 West Hastings Street  
Vancouver, B. C.

GENTLEMEN:

Re: Progress Report  
Bulk Testing Project  
Mam Mineral Claims  
Osoyoos Mining Division  
British Columbia-----

In accordance with the Terms of our Reporting Agreement dated 12th December 1984, we are pleased to submit for your information, this sixth Progress Report of the works completed by Duncan C. Wing, Bulk Sampling Contractor of the Main Vein, Mam Mineral Claim Group, Osoyoos Mining Division, British Columbia.

Field Examinations were made October 5, 12, 19, and 26, 1985

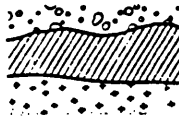
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At two hundred feet east of the Adit Portal, along the vein strike, a cross trench was excavated to the vein zone. A chip sample across the six inch width of the vein assayed 0.418 oz Gold, 0.33 oz Silver and less than 0.01% copper, - Annex B.

Due to freezing and snowfall conditions, Wing ceased exploration work and closed the camp. Plans proposed provide for review of the work accomplished, correlation of metallic bearing zones, for definitive selection of the bulk sampling section.

Respectfully submitted,

  
William J. Weymark P. Eng.



REPORT: 425-3416

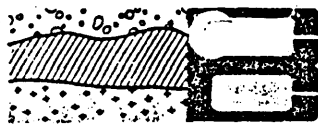
PROJECT: WING PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	AU OPT	Ag OPT	Cu PCT	
R2 WINZE FACE		<0.002	<0.02	<0.01	Chip 4 ft Sulphide zone
R2 WINZE BOTOM		<0.002	<0.02	<0.01	Chip 4 ft Base Sulphide Zone

W. J. Weymark P. Eng.

Registered Assayer, Province of British Columbia

... & Company Ltd.  
... Ave.  
... ncouver, B.C.  
... V7P 2R5  
... ne: (604) 935-0681  
... lex: 04-352467



# BONDAR-CLEGG

## Certificate of Analysis

REPORT: 425-3491

PROJECT: WING

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	Cu PCI	
ED WING		0.418	0.33	<0.01	Cross Trench Vein 0- Chip 6 inches

W. J. Weymark P. Eng.

Registered Assayer, Province of British Columbia

(2)

if ~~the~~ guess it is not of a vein  
nature but a ore body. it will take a  
month or so to prove this point.

yours truly,  
H. W. W.

Highmark Resources

1220<sup>th</sup> - 609 Granville St.

P.O. Box 10353

Vancouver, B.C. V7Y-1G5

RECEIVED OCT 11 1985

D.C. inc

803-13350 Old Yale Rd

Surrey BC V3T-3C7

Sept. 3/85

Dear Sir: Re Sept. 1985 report on progress of work  
1 completed tunnel to 83 ft. encountered several  
stringers of mineralization.

2 drilled vertical holes 8 ft in depth & encountered  
heavy concentration of sulphides at or near  
end of hole. Drilled these holes every 5 ft.  
from 40 ft of the entrance back to face of tunnel

3 Commence cross cutting to vein in previous  
area of trenching.

4 Cleaned out pit at your diamond drill  
hole No 15

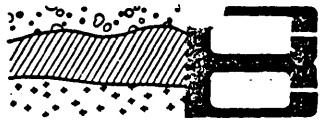
5 Commence sinking shaft to encounter  
sulphides below floor of tunnel.

6 Comments.

The tunnel driven 83 ft over showed  
the ore zone by about 7 ft. & hope to  
prove the existing of an ore body or what we

Bondar-Clegg & Company Ltd.

130 Pemberton Ave.  
North Vancouver, B.C.  
Canada V7P 2R5  
Phone: (604) 985-0681  
Telex: 04-352667



**BONDAR-CLEGG**

**Certificate  
of Analysis**

WEYMARK ENGINEERING  
1063 BALEOUR STREET  
VANCOUVER, B.C.  
V6H 1X2

+ + + + +

Bondar & Company Ltd.  
1000 West 10th Ave.  
Vancouver, B.C.  
Canada V7P 2R5  
Phone: (604) 985-0681  
Telex: 04-352667



# BONDAR-CLEGG

Certificate  
of Analysis

REPORT: 425-2791 ( COMPLETE )

REFERENCE INFO:

CLIENT: WEYMARK ENGINEERING  
PROJECT: WING

SUBMITTED BY: WEYMARK  
DATE PRINTED: 16-SEP-85

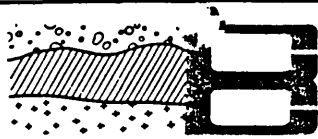
ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold - FIRE ASSAY	2	0.001 OPT		
2	Ag Silver	2	0.01 OPT		
3	Cu Copper	2	0.01 PCT		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR DER ROCK	2	2 -150	2	ASSAY PREP	2

REPORT COPIES TO: WEYMARK ENGINEERING

INVOICE TO: WEYMARK ENGINEERING

Bondar-Clegg & Company Ltd.  
1000 Burrard Ave.  
Vancouver, B.C.  
Canada V7P 2R5  
Phone: (604) 985-0681  
Telex: 04-352667



BONDAR-CLEGG

Certificate  
of Analysis

REPORT: 425-2791

PROJECT: WING

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	Cu PCT
R2 WING 1+00 A		1.620	1.52	<0.01
R2 WING 1+00 B		2.365	2.39	0.01

Registered Assayer, Province of British Columbia



RECEIVED FEB - 8 1985

Highmark 1-sources Ltd  
Suite 1220 - 609 Granville St  
Vancouver B.C. V7Y-1G5

E. G. W. W.  
1303-13332 College St  
Surrey B.C.  
V3T-3C7

Feb. 7/85.

**FILE**

Dear Sirs

Re my report No 3 for January 1985.  
I have not entered on the property since the  
last report because of weather conditions

Yours truly  
E. G. W. W.

P.S  
I will be commencing work soon  
as weather permits.

→  
E.G.W.W.

Highmark Resources ~~Inc.~~ Ltd.

1220-609 Grenville St.

P.O. Box 10353

Vancouver B.C. V7Y-1G5

R.B. King

1803-13370 Oldgate Rd

Surrey B.C.

RECEIVED SEP 19 1985

Dear Sirs:

My report for August 1985:-  
arrived at the camp site Aug 18<sup>th</sup> 1985  
Had back hoe & uncovered overburden  
of average 14 ft. deep & a pit of 30x25  
Commence work on the Portal Aug 27<sup>th</sup>  
Completed Portal & Timber left 1 ct.

In the pit several small beds or veins  
showed up in the blast & dug & blasted.  
Trench along one vein & was well mineralized  
on hanging wall & vein structure of 1 1/2 inches  
of very high grade material. none were  
assayed.

Work is going on quite well.

R.B. King

**WEYMARK ENGINEERING LTD.**

*Consulting Engineers*

3310 WESTMOUNT ROAD  
WEST VANCOUVER, B.C.  
CANADA

TELEPHONES:  
922-1536  
736-6812

3rd September 1985

The Directors  
Big M Petroleum Inc.  
101 - 744 West Hastings Street  
Vancouver, B. C.

Gentlemen:                      Re Progress Report # 4  
   Bulk Testing Project  
   Mam Mineral Claims Group  
   Osoyoos Mining Division  
   British Columbia

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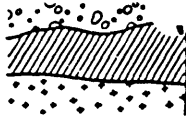
In accordance with the terms of our Reporting Agreement dated the 12 December 1984, we are pleased to submit for your information, this fourth Progress Report of the works completed by Duncan C. Wing, Bulk Sampling contractor - sampler, of the Main Vein, Mam Mineral Claims Group, Osoyoos Mining Division, British Columbia, during August 1985.

During this period two examinations were made 23 and 31 August 1985. The work accomplished by Wing included:

- i. The recommencement of work on the 15th August 1985 after lifting the fire hazard by the Ministry of Forests in the area.
- ii. Grading of the access roads to the works area.
- iii. Rock trenching by blasting and back-hoe in the 1+00 West section. A sample from the vein taken by Weymark Engineering assayed 0.751 oz gold; 0.94 ozs Silver per ton and <math>0.02\%</math> copper, see attached.
- iv. The adit portal was excavated for 3 rounds - 25 feet and portal timbering was in place.
- v. A crew of miners and mining equipment is on the job.

Respectfully submitted,

  
William J. Weymark P. Eng.



REPORT: 425-2494

PROJECT: WING-M

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	Cu PCT
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R2 WING 1+00 W		0.751	0.94	<0.02
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Chip Vein Material Rock Trench 1.00 West  
Main Vein, Mam Mineral Claims

CERTIFIED AS TO PROCUREMENT,

  
WILLIAM J. WEYMARK P. Eng.

Highmark, Resources et.  
1220<sup>th</sup> - 609 Granville St.  
P.O. Box 10353  
Vancouver, B.C. V7Y 1G5.

RECEIVED JUN - 7 1985

June 1/85

12/13/85  
**FILE**  
0504005

1803- 13350 Old Yale Rd.  
Surrey B.C. V3T 3C7

Dear Sir

Re my report for May 1985 as said in my last Report. That I was going to concentrate on hole 15<sup>#</sup> have done so. on this hole in your report was 45 degree hole & this what I did my work to we trunched 50 ft average 12 ft in depth along route of Hole 15 & sunk 6 ft where the ore was suppose to be & no results so put Diamond Drill hole 40 ft. way past where the ore was suppose to be. with no results.

So went up to the collar & dug down to solid Rock & looked at the hole & was put down 52 degrees. sure makes a difference so took our Rock & pushed them down & got down 25 ft & sounded like the bottom but could be a slip. So I have drilled a 60 ft hole down to see if we could find the ore & no luck to - to - day

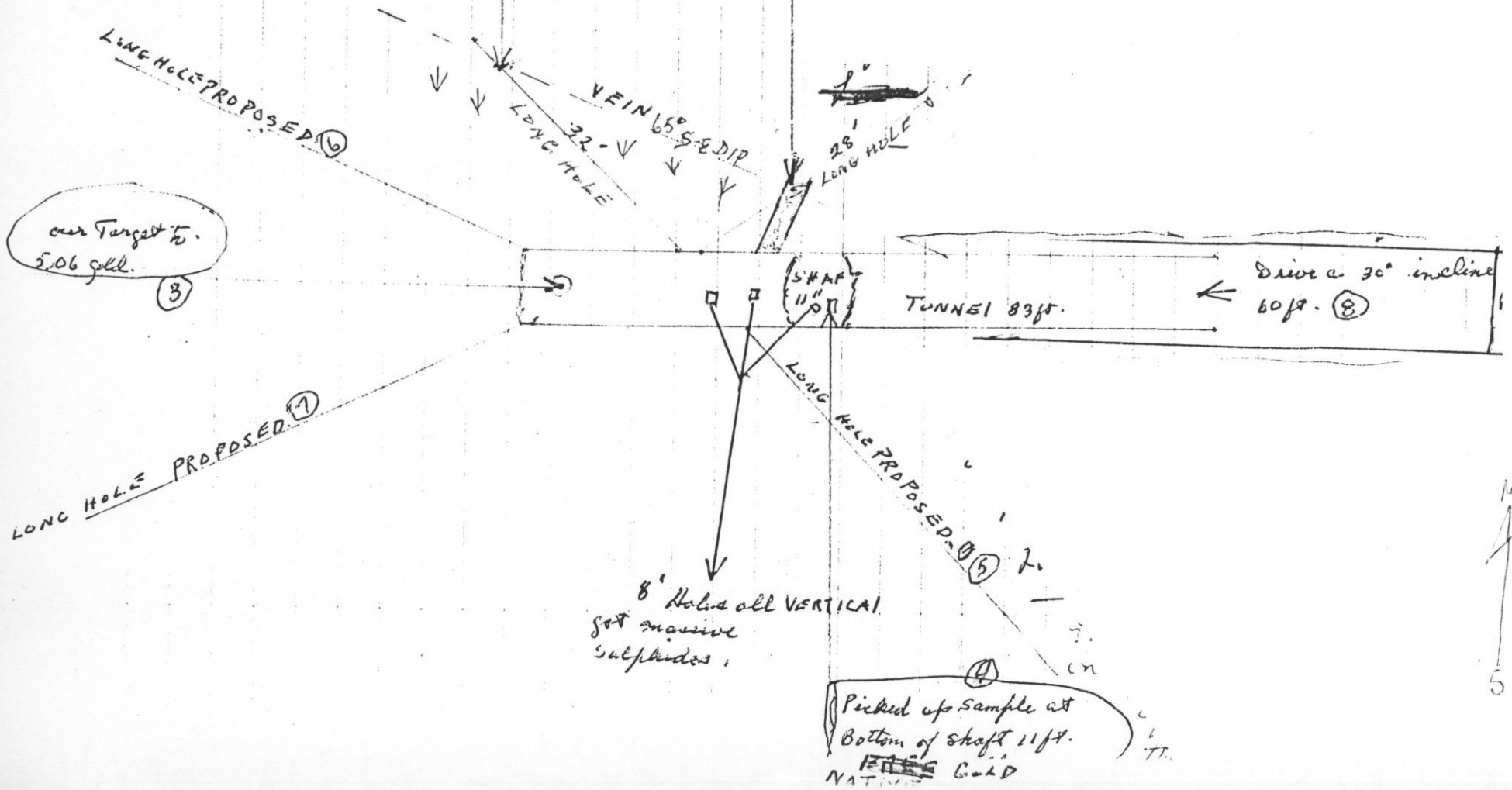
We are going to go down another (2) 10 feet & go up & see if this hole 15 really was put in.

This will make 2 holes to determine the ore zone & it does not seem to be there.

Yours Truly  
Blowing

Massive Sulphides (2)

massive Sulphides  
Put drift to zone +  
was 6" quartz vein  
(1)



September 25, 1986

The Directors  
Highmark Resources Ltd.  
#1220 - 609 Granville Street  
Vancouver, B.C. V6C 2W2

Gentlemen:

Re: Recommendation Report  
Main Mineral Claim Group,  
Osoyoos Mining Division,  
British Columbia.

This letter has been requested by yourselves following the August 19, 1986 visit to the property by several directors and the writer. The writer was quite impressed with the various structures within the claims and the associated mineralization. Bulk mining of various sections of the property was being undertaken at that time. Samples were taken by the writer from various locations. Post sampling results were made available.

Location and Access

The MAM property is located some 420 kilometers east of Vancouver, near Osoyoos, British Columbia. The claims lie in a plateau section of the Richter-Kruger Mountain, some 6 kilometers west of Osoyoos.

Access to the property is by Highway 3 up the Richter Pass route to a point 7 kilometers from Osoyoos, through the housing development and onto a good gravel road for the last 2 kilometers.

Property

The MAM mineral claims consist of 84 recorded claims and 2 reverted Crown Grants (leases), all of which lie within the Osoyoos Mining Division. They are the property of Highmark Resources Ltd.

<u>Claim</u>	<u>Record #</u>	<u>No. of Units</u>	<u>Due Date</u>
JJ #1	519	1	Sept. 1989
JJ #2	520	1	"
MAM	822	10	"
ES	1245	15	"
MS	1246	15	"
CM	1247	6	"
WR	1248	14	"
BW	1256	8	"
GM	1257	14	"
Lot 799	(Lease - Reverted C.G.)		
Lot 800	(Lease - Reverted C.G.)		

Co-ordinates of the central point of the claims are latitude 49° 03' north and longitude 119° 32' west. Reference NTS 82 E/4E.

### Geology

The MAM mineral claim group is, in the main, underlain by a granodiorite intrusive, an offshoot of the Nelson plutonic batholith, which has been locally altered by regional metamorphism. The metamorphism is of the low grade variety producing local areas of "greenstone" within the trapped country rock and epidote and sericite within the acid intrusive.

Structurally, the intrusive displays several sets of well defined joints. One of the more prominent patterns strikes north-south whereas a second, less defined, has a northwest to southeast definition.

A vein structure, termed the Main Vein, has been stated to exist but it is apparent to the writer that this should be classified more as a Main Zone than Main Vein. The vein structure in the zone is multiple and of variable lengths. A study of the results of past drill holes shows discontinuity and variable mineralizations. The zone could be composed of any number of veins of structural discordancy and mineral frequency.

### Discussion

There has been a good amount of work completed on the property in the past. However, it seems to the writer that all the work was not co-ordinated or tied sufficiently together to assist present day underground bulk sampling. This makes for a tendency to wander in the underground, as it appears to be dependent upon face to face results.

The great disparity in the assay results of the sampling done to date strengthens the writer's belief in a vein zonal system as opposed to a main fissure type. Reference has been made by past authors to the presence of free gold and tellurides as another reason for mixed assay results. However, if present, these should show up in the analyzing and could only create problems in the milling circuit.

The writer is of the opinion that not enough emphasis has been laid on sampling. The property appears to be insufficiently sampled.

It is not known how close the control is of the locations of all important operations, that is, drill holes, excavations and sample points. A well-knit survey tying all these points together might yield some geological answers and also present a more logical underground approach.

Geology is important and although certain areas have been mapped in the past, it is recommended that they be remapped.



Soil sampling has not been done in the past either on the main zone or over the full 84 claims of Highmarks. The soil sampling should also be extended into rock sampling of all surface excavated exposures and underground headings and should be on an established sample interval.

The question has been raised as to whether Highmark's MAM claims could be a high-grade narrow vein producer or a low-grade large tonnage operation. Some answers should be forthcoming if the above operations are carried out.

Recommendations

In view of geological and metallurgical problems presently existing at the Highmark Osoyoos property, the writer recommends the following approach:

It is recommended that a transit survey be made tying in all the surface excavations, drill hole collars, adit faces and drift deviations, and other points of interest.

It is recommended that a grid be established at 150 meter intervals over the full 84 claims of Highmark and surface soil sampling be completed at 20 meter stations on this line. A mini-grid should be established within the area of the Main Zone (JJ#1 and JJ#2) and geological surveying over this mini-grid should be instituted. This survey should also be advanced into the underground headings. All surface trenches, openings and underground workings should be chip sampled on a close interval basis (5' to 10').

It is also recommended that microscope work of the polished section variety be carried out on what could be termed "typical ore" to determine the mineral constituents of this rock.

Cost Estimates

Mapping, sampling, surveying:		
Geologist - 1 month @ \$5000		\$ 5,000
2 Assistants - 1 month @ \$6500		6,500
Vehicles - rental and fuel		1,500
Room and Board		
3 men - 1 month		4,900
Field Supplies		750
Sample Analysis:		
Rock 200 x 16.50		3,300
Soil 800 x 9.15		7,300
Management, consulting fees, final report		<u>5,000</u>
		34,250
Contingency 10%		<u>3,450</u>
		\$ 37,700

Respectfully submitted,

W. G. Hainsworth, P.Eng.