

D R I L L I N G R E P O R T

OPHIR C.G. - Lot 1066

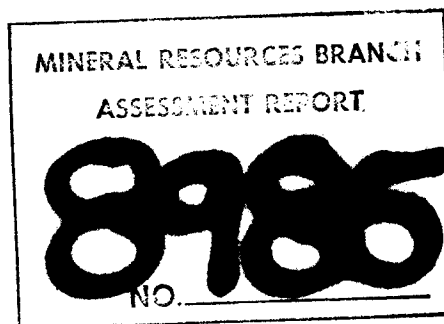
Greenwood Mining Division

NTS 82E/2E

Lat. 49°04', Long. 118°35'

Owner: Tri Basin Resources Ltd.

Operator: Tri Basin Resources Ltd.



by Ralph C. Macdonald, P. Eng.

January 1, 1981

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MAPS IN POCKET

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INTRODUCTION

The Ophir crown grant mineral claim is located about 7 kms. southeast of Greenwood, B.C. at an elevation of about 1310 metres. It is readily accessible from Greenwood by ordinary car or truck by about 10 kms. of road through the now abandoned Phoenix copper mine millsite, as shown in the accompanying index map, Fig. 1.

PROPERTY

Below is a list of the claims included in the Pat group, of which OPHIR is a part:

<u>Name</u>	<u>Record No.</u>	<u>Name</u>	<u>Record No.</u>
Pat 1 - 6	1551-1556	Ophir	L.1066
Joe 1 - 4	2000-2003	Evening Star	M.284
Joe 5 - 8	2006-2009	Sibley	1423
Joe 9 & 10	2004-2005	Keno	
Keno	L.1319	Extension	12626

HISTORY

These claims have been held by Tri Basin since early in 1980 under an option agreement with the previous owners, Arnold Bombini of Greenwood, Samuel D. Bombini of Princeton, and Joseph E. McDonald of Osoyoos. Some of the claims in the group were explored before or during the early 1900s when 150 metres of underground workings were driven on the Keno claim. Several hundred tons of ore were shipped to smelters in the 1930s. Subsequently considerable surface trenching was done to explore the narrow gold-bearing quartz veins on the Ophir and Keno claims as well as the skarn copper mineralization on the Evening Star.

The first phase of Tri Basin's work program in 1980 was a control survey to tie in the several workings. Detailed sampling of the main Ophir vein by chip-channels at intervals over the 120 metre length of well exposed vein gave an average width of 40 cms. with a weighted uncut average of 0.298 ozs. of gold per ton. The control survey was recorded earlier, as physical work, before the assay results were available.

DRILLING

The second phase of the 1980 program consisted of diamond drilling during October on the Ophir vein, where 9 BQ size holes totalling 301 metres were drilled from eight drillsites at approximately 20 metre intervals over a length of 140 metres. The location and attitude of those holes are shown on the accompanying 1:500 scale map, Fig. 2. The purpose of the drilling program was to test the width and gold content of the quartz vein at about 20 metres beneath its surface exposures.

The drill core is stored in Greenwood in care of one of the owners, Arnold Bombini.

COSTS

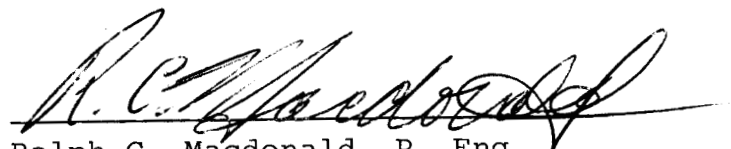
Copies of the drilling contractor's invoices are enclosed as appendix 1, the net total costs being \$25,920. No credit is being requested for assaying costs or report preparation.

TECHNICAL DATA

The principal rock types encountered in the drill holes were volcanics, diorite to meta-diorite and quartz. Descriptive drill logs are shown in the appendix.^{**} In addition there are eight vertical sections showing graphically the layout and geology as well as the drill core assays for each hole.

The main vein was encountered in each drill hole approximately where it was expected, proving the dip to be very close to vertical on the average. At the fourth drill site two holes were drilled with the steeper hole intersecting the vein about 30 metres below its outcrop. Two quartz veins were encountered in D.H. 4 & 9, but the main vein is of most interest. In some cases the vein width sampled and recorded includes volcanic rock along with the vein quartz when the former was surrounded or bounded by the latter.

Using those sampled widths, the average true (horizontal) width of the main vein in the holes is 94 cms. over a length of 150 metres and the average weighted value is 0.084 ozs. of gold per ton. By eliminating DH 9 the averages are 61 cms. wide over a length of 135 metres at 0.103 ozs. of gold per ton. These values do not indicate an economic deposit and it is difficult to recommend further expenditures on this vein.

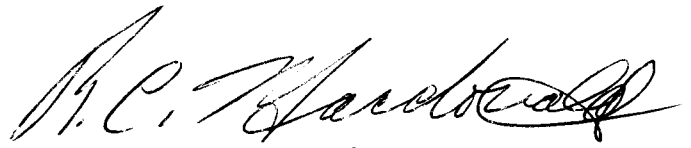

Ralph C. Macdonald, P. Eng.

** All drill log measurements are recorded in feet because of contractor's standard equipment lengths; however the vertical sections are plotted on a metric scale.

CERTIFICATE

I, Ralph C. Macdonald, residing at 5980 Balaclava Street,
Vancouver, B.C., V6N 1L4, do hereby certify:

1. That I am a graduate of the University of Alberta with the degree of B.Sc. (1936) in Mining Engineering and of the University of British Columbia with the degree of M.A.Sc. (1947) in Geological Engineering;
2. That I am a member of the Association of Professional Engineers of the Province of British Columbia;
3. That I have practised my profession as a geologist since 1947;
4. That this report is based on my personal supervision of the drilling project, logging of the core and location survey of the drill holes and workings.


Ralph C. Macdonald, P. Eng.

dated at
Vancouver, B.C.
January 1, 1981

Drilcor Industries Ltd.

18 - 12871 Bathgate Way
 Richmond, British Columbia
 Canada V6V 1Y5

Telephone (604) 273-1878
 Telex 04-357519

October 27, 1980.

Invoice #8015/1

Tribasin Resources Ltd.
 503 - 750 W. Pender Street,
 Vancouver, B.C.

re: Diamond Drilling at OPHIR Property, Greenwood, B.C. Oct.8-21, 1980.

Diamond Drilling

<u>Hole #</u>	<u>Interval</u>	<u>BW Casing</u>	<u>BW Casing over 10'</u>	<u>BQ Coring</u>
1	0-10	10		
	10-17		7	
	17-111			94
2	0-8.5	8.5		
	8.5-120.5			112
3	0-10	10		
	10-14		4	
	14-115			101
4	0-10	10		
	10-15		5	
	15-115			100
5	0-10	10		
	10-12.5		2.5	
	12.5-127.2			114.7
6	0-10	10		
	10-10.5		0.5	
	10.5-110.5			100
7	0-10	10		
	10-98			88
8	0-10	10		
	10-12.5		2.5	
	12.5-93			80.5
9	0-10	10		
	10-12		2	
	12-97			85
BW Casing to 10'		88.5		@ 25.00 2,212.50
BW Casing over 10'			23.5	@ 35.00 822.50
BQ Coring				875.2 @ 25.00 21,880.00
Short fall under 1000' = 12.8'				@ 5.00 64.00

\$ 24,979.00

Tribasin Resources Ltd.
October 27, 1980.

b/f \$24,979.00

Labor Hours

October 9	10	
10	6	
11	6	
14	<u>5</u>	
	27 hrs. @ 20.00	540.00

Materials Consumed

½ Pail alcomber	98.00	
½ pail poly drill 330	74.50	
5 bags bentonite @ 6.95	34.75	
42 core boxes @ 5.85	245.70	
5 Core box lids @ 2.05	10.25	
1 - 5ft casing (BW)	52.50	
1 BW Casing shoe	<u>171.50</u>	
	687.20	
B.C. 4%	<u>27.49</u>	
	714.69 + 15%	<u>821.89</u>
	<i>TOTAL</i>	\$26,340.89
	Less advance	<u>8,000.00</u>
		<u>\$18,340.89</u>

Drilcor Industries Ltd.

18 - 12871 Bathgate Way
Richmond, British Columbia
Canada V6V 1Y5

Telephone (604) 273-1878
Telex 04-357519

November 3, 1980.

Tribasin Resources Ltd.,
503 - 750 W. Pender Street,
Vancouver, B.C.
V6C 2T8

CREDIT - 8015/2CR

re: diamond drilling at OPHIR Property, Greenwood.

Casing stick up -		
Holes 1, 3, 4, 5: 2' ea. @ 10.00		80.00
Move hours charged in error		
October 10	6	
11	6	
14	<u>5</u>	
	17 hrs. @ 20.00/hr.	<u>340.00</u>
		<u>\$420.00CR.</u>

RECEIVED NOV 04 1980

General Testing Laboratories
A Division of SGS Supervision Services Inc.

1001 EAST PENDER ST., VANCOUVER, B.C., CANADA, V6A 1W2
PHONE (604) 254-1647 TELEX 04-507514 CABLE SUPERVISE



TO:
TRI BASIN RESOURCES LTD.
1503 - 750 West Pender Street
Vancouver, B.C.

CERTIFICATE OF ASSAY

No.: 8010-2759 DATE: Nov. 19/80

We hereby certify that the following are the results of assays on: Ore samples *KEND-OPHIR*

MARKED	GOLD	SILVER	XXX	XXX	X XX	XXX	XXX	XXX
	oz/st	oz/st						
E-52368								
451	0.002	trace						
452	0.206	0.10						
453	0.004	trace						
460	0.032	trace						
461	0.002	trace						
462	0.024	trace						
463	0.034	trace	---					
464	0.022	trace	---					
465	0.024	trace						
466	0.030	trace						
467	0.262	0.10						
468	0.678	0.15						
469	0.101	0.05						
470	0.002	trace	---					
471	0.002	trace						
472	0.002	trace						

RECEIVED NOV 26 1980

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

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L. Wong
L. Wong
PROVINCIAL ASSAYER

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

MEMBER: American Society For Testing Materials • The American Oil Chemists Society • Canadian Testing Association
REFEREE AND/OR OFFICIAL CHEMISTS FOR: National Institute of Oilseed Products • The American Oil Chemists' Society
OFFICIAL WEIGHMASTERS FOR: Vancouver Board of Trade

Abbreviations used in Drill Hole Logs & Sections

alt	-	altered
bdg	-	bedding
bk	-	black
br	-	breccia
cg	-	coarse grained
Di	-	Diorite
dk	-	dark
ep	-	epidote
F P	-	Feldspar porphyry
fg	-	fine grained
gy	-	grey
loc	-	locally
lt	-	light
Meta	-	metamorphosed
mg	-	medium grained
med	-	medium
	-	parallel to
py	-	pyrite
Q	-	quartz
rk	-	rock
sil	-	siliceous
sli	-	slightly
V	-	Volcanic
vn	-	vein
w	-	with
wh	-	white
>	-	more than
<	-	less than

1331.1 m

Collar Lat. 4031m; Dep. 3918½ m Elev. 4366' - Finished October 10/80
 Direction: Mag S @ - 45° Depth: 113' - Logged by R.C.M.
 34.5 m

Feet				Rock Type
From	To	Dist.	Recov.	
2	8	8	0	Casing to 17; 2' Stick-up.
8	13	5	4.0	Meta Di texture indistinct; altered mafics, mg; loc ep vnlt to 4 mm @ 50° angle
13	15	3	0.5	irreg;; faint gneissic banding loc @ 30°; minor py vnlt;
16	19	3	0.8	Volc; gy, med fg.
19	23.3	4.3	1.5	Volc & meta Di; weathered & broken 2" Qtz + Volc @ 19.1
23.3	90.5	67.2	65.5	Volc; gy, med fg; loc dk seams @ 40° to 60° (prob. serp) us < 1 mm. loc py vnlt & Disseminations.
				32.0 - 32.5 has Qtz. W irreg contacts and no Py;
				33.3 - 33.6 has minor meta Di W Volc;
				Angle to <u>Ft. Cove</u>
				1 - 3 cms. of Qtz. @ 34'; 30' 45°
				banding shows loc below 30'; 36 55°
				loc qtz vnlt to 1 cm @ 40, 43 60°
				42, 44, 45 46: 48 40°
				thin irreg. bk serp vnlt or seams 51 0°
				from 48 to 56 w a change in 57 30°
				direction thru 0° @ 50-51; 60 10°
				minor Py thruout;
				60-67 is contorted & has 1 cm Qtz vnlt @ 10°-20°; also thin Py seams @ 60-61, 63, 67, 68;
				63-65 is broken core;
				Qtz @ 67 (1 cm), 70-70.5 (2 cms, arcs in & out 76.5 (½ cm), 77.7 (½ cm); 58 (½ cm); 78.3-79 (spot banding not so evident beyond 60'; rock is bleached to light grnsh @ 88½-90.5 w several < 1 mm Py X vnlt.
90.5	99.5	9.0	9.0	<u>Vein Qtz & Volc; Qtz 90.5 to 91.05; 92.3 to 93.2 and 95.0 to 99.5.</u>
				88.5 to 90.5 has notable thin irregular bk serp vnlt < 1 mm & rk is lt grnsh; Py @ 90.5 contact @ 55; Contact @ 91.05 is sli irreg.

DH #1 - Cont'd.

<u>Feet</u>				<u>Rock Type</u>
<u>From</u>	<u>To</u>	<u>Dist.</u>	<u>Recov.</u>	
99.5	113.0	13.5	13.5	Volc. & w Qtz vnlts @ 99.7, 100 (1 cm), 100.7, 101.7 (1 cm), 101.7, 102, 104 Lt grnsh, due to wall rock alteration, somewhat contorted, 107' 55° very little Py; loc grn talc 112' 60° 99.5-100; minor wh talc on frags
	End			

Samples

90.5	95.0	4.5	4.5	#452 - ozs/ton (All core)	Au = 0.206	Ag = 0.10
		(3.2' True)				
95.0	99.5	4.5	4.5	#453 - ozs/ton (All core)	Au = 0.004	Ag = Tr
		(3.2' True)				

R.C.M.

Collar Lat. 4027½ m; Dep. 3938½ m; Elev. 4373½' - 1333.4 m

Direction: Mag S @-45° Depth: 123' - 37.5 m

Feet				Description
From	To	Dist.	Recov.	
3	6	3	0	3' Stick-up
6	8	2	1½	Gy volc w bdg? Also 2mm Qtz vnlt @ 7'
8	10.4	2.4	2	Ditto; Qtz vnlt or blebs @ 12 & 14'
10.4	13.4	3	1½	Ditto;
13.4	15.0	1.6	1.6	Ditto;
15.0	17.5	2.5	2.5	Meta diorite and volc; di texture is faint; sli foliation; 1mm Py vnlt @ 17' @ 35° (across foliation)
17.5	28	10.5	10.5	Gy volc, fg, loc bdg; 2 mm Qtz vnlt 18-19' & 20½-22' @ 20-50° Qtz vnlt & Py @ 25-30° @ 23 & 24' indistinct di text 24-26'; some brn limonite oxidation & lt grn alteration 26-28½'
28	33	5	5	Lt gy volc, Fg, siliceous; frags < 1 mm with Py @ 35-45° @ 29-31½' (2-3% Py)
33	57.5	24.5	24	Mixed volc & meta - Di; tuff bdg loc; gy, W loc lt grnsh-wh areas due to alteration (epidote?); several < 1mm Py vnlt @ 35-40°
57.5	75.5	1.8	18	Gy volc; mg, & fg; Qtz vnlt < 1mm to 5 mm at 2-5 cm intervals; note 5 vnlt @ 5mm @ 68-68.6' w 1" faults @ 10%; only minor Py in vnlt loc., last 2½' is lighter colored; a frac-slip @ 0° @ 73-74' w assoc Qtz (< 2 mm) & talc or serp Film; 2 cms calcite bleb @ 61'
75.5	100.0	24.5	24.5	Lt gy volc, mg, wh vn Qtz @ 78.1 to 78.6' @ 45°, & 89.0 to 90.0' @ 20° (true width only 0.3 to 0.4') <u>corisid Py, mostly in 1 mm vnlt @ 60° to 25° & at intervals of 2 cms from 76½ to 81' & 84-87' & 90-96' & 98-100'; est. 2½% Py</u>
100.0	108.5	8.5	8.5	Vn Qtz & lt gy volc as above; Qtz 100 to 101.0, & 102.2 to 108.5 w loc inclus of lt gy volc from 105 to 107'; very little Py in Qtz, but Py often in volc against Q
108.5	114	5.5	5.5	Altered volc; lt grnsh-gy in irreg vnlt & bdg layers of Qtz, loc irreg vnlt & patches of Py

Feet		Dist.	Recov.	Description
From	To			
114	118			5 mm Qtz @ 113 @ 25°; Py 109-110' in vnltts to 5 mm & one 2 cm mass Volc & Qtz; li gy, fg siliceous volc w 3-4% Py in irreg vnltts @ 45°-60°; Qtz breccia w volc @ 115 to 115½ at 25' to core (6 cms. true width) carries loc Py and dissem. resin <u>sphalerite</u> ; also note a bright blue-grn mineral possibly talc-minor; some parts look like breccia; frags along core 111½ - 113 & 116 - 117.
118	123	5	5	Volc w irreg qtz vnltts & blobs; minor Py only 116-117.
		End		

Samples

100	102.2	2.2 (1.55' True)	2.2	#460-Qtz @ 100-101 has 2% Py in dk gy irreg vnltts of volc. rk; Py is in vnltts not in Qtz, 101.0 to 102.2 is gy volc, W Py concentrated against Qtz contact @ 101 & 102.2, & in Py vnltts @ 45% Ozs/ton Au= 0.032 Ag= Tr
102.2	108.5	63 (4.45' true)	6.3	#461 - Qtz 102.2 to 105 & 107 -108 w no Py; other areas are Qtz & gy grnsh volc in irreg almost breccia pattern & minor Py. Ozs/ton Au= 0.001 Ag= Tr.
98.0	100	2 (1.4' true)	2	#463 - Wall rock on N Side of Qtz Vn, Whole core - 4 pieces; 1 mm Py vnltts @ 15-25%; est. 3% Py Ozs/ton Au= 0.034 Ag= Tr

REM.

Collar Lat. 4028½ m; Dep. 3956½ m; Elev. 4380' - 1335.4 m

Direction: Mag S @ -45° Depth: 117' - 35.7 m

From	Feet		Recov.	Description
	To	Dist.		
2	12	10	3	13' of casing. 2' stick-up Gy volc w limon stain on frags Broken core
12	17	5	3½	As above but better core recov. Py on frags & limon
17	88	71	71	Gy volc, mg; not oxidized; loc 1 mm Qtz vnlt @ 45°; also irreg Qtz vnlt; very little Py; loc Di text @ 22-23 & 39-40; loc fg & siliceous @ 25-27'; 1 mm Py vnlt @ 44, 46, 47, 52½, 54, 57, 58½, 62 loc por texture (fel por in phenos < 2 mms) at 45 to 58 & 59½-61 & 62½-63; 3 cms Qtz & volc @ 66; Qtz vnlt to 5-10 mm @ 68½, 69, 70, 71½, 74, 76, 80, 85, 86, 87, 88
88	92.6	4.6	4.6	<u>Lt grnsh-gy volc, more siliceous</u> , Fg; several 1 mm Py vnlt but not as much as in DH 2.
92.2	95.0	2.8	2.8	<u>Vn Qtz</u> (+ gy volc 92.6-93.0); contact @ 93' is @ 35°. scattered Py in Qtz, & across 1-3 cms @ 93½', fine frags in Qtz contact (ie: near vertical); est. 4% Py.
<u>Sample #462</u>				
Ozs/ton Au = 0.024 Ag = Tr				
95.0	109.0	14	14	Mixed <u>grnsh-gy fg volc & Qtz</u> , loc siliceous as @ 95-96½, & loc slightly <u>serpt'zd</u> as @ 96½-97½ & 99½-100½; contorted & irreg Qtz masses & vnlt contribute to breccia and mottled appearance; 2 ins Qtz @ 99½, 101½, 103½, & 105;; Qtz 107.6-108.4; bleached? light color by Qtz; loc Py 108½-109; also dissem Py 1-2%; note <u>Cpy</u> in Qtz @ 105.5
<u>Sample #464</u> - 103.3 to 109 (split core)				
Ozs/ton Au = 0.022 Ag = Tr				
109	117	8	8	Gy volc; 1-3 mm Qtz vnlt loc & minor small Qtz masses

End

R.E.M.

Collar Lat. 4029½ Dep. 3981 m; Elev. 4378½'-1334.9 m

Direction: Mag S @-43° Depth: 115'-35.0 m

From To Dist. Recov. Description

Feet				Description
From	To	Dist.	Recov.	
0	9.5	9.5	?	Broken core with weath surfaces on fracs; Diorite or fel por, grain borders are indistinct; grnsh-gy; mg; py vnlts 1 mm at intervals; limon on fracs continues to 50'; frac & vague banding loc as @ 18' @ 50°; @ 20' @ 40°.
9.5	20.5	11.5	10	
20.5	36.5	16	16	Volc & mixed fel por or Di; gy; minor Py vnlts & disseminations; 1 cm Qtz @ 31½, 32½, & 33½.
36.5	53	16.5	16.5	Lt gy siliceous, fg volc; est > 2% Py dissem & vnlts loc @ 20° - 30°; Qtz @ 36.5 (1 cm) & 38.5 (2 cms @ 20°) & 40' (2 cms); <u>50½-51 is breccia of whtsh, mg fels frags;</u>
53	72.5	19.5	19.5	Gy volc, w loc banding or bdg, less Py than above; < 1 mm Qtz vnlts at various angles; also mixed with the lt gy, siliceous, fg volc as @ 54-55, 58-59, 62-64, 72-72.5,
72.5	73.5	1 (O.T.True width)	1	Vn Qtz, wh; fracs & wisps of grn mineral (Chlor or serp ?) <u>Sample \$465 (full core)</u> Ozs/ton Au = 0.024 Ag = Tr
73.5	82.4	8.9	8.9	Gy volc. & lt gy siliceous volc. @ 78-80', not much Py, but few 1 mm vnlts; 2 cms ribbon Qtz & volc @ 79' @ 50°, w Py;
82.4	83.2	0.8 (0.56 True Width)	0.8	Vn Qtz, w grn chlorite or serp. <u>Sample 466</u> Ozs/ton Au = 0.030 Ag = Tr
83.2	97	13.8	13.8	Gy volc w intermixed lt gy, siliceous volc. as @ 85-88, 89-97; Qtz ½ to 1½ cms @ 84½, 86, 87, 88½, 89, Py vnlts @ 15 - 30°, loc;
97	110	13	13	Gy volc, loc siliceous @ 100-100½; 1½ cms Qtz @ 102, 107, 108, 109, 109½ & @ 106-108; & 108½-110;
110	115	5	5	Lt grnsh-gy volc; w qtz vnlts & contorted bands, @ 115' @ 20°

End

DD LOG - OPHIR - Greenwood, B.C.

Collar Lat. 4030½ m; Dep. 3980 m; Elev. 4378½' - 1334.9 m

Direction: Mag S @ -57° Depth: 129' - 39.3 m

From	To	Dist.	Recov.	Description
		Feet		
0	10.5	10.5	3½	Broken core;
16.5	23.5	13	10½	Diorite; mg, grnsh gy;
23.5	32	8½	8½	Volc; gy & grnsh-gy to 32' in interval affected by Di which may have contributed to the lt grnsh layers & qtz bands @ 28.5, 29; @ 32' note 3 or 4 vnlt 1-2 mm wide of purple, soft talcy ? mineral;
32	64	32	32	Gy volc; loc Di texture 39½-41; 46-47; 56-57; ½ cm Qtz vnlt along core 64-65; other fracs along core 66-67; qtz bands @ 68' (35°) & @ 72' (25°); (local solution cavities in Qtz here), & at 83-84 (35°).
64	94	30	30	Mixed gy volc & lt gy, Fg siliceous volc. Not much Py in vnlt. 1 cm Qtz @ 80' along core; mostly lt gy beyond 80'
94	104½	10½	10½	Lt gy, fg volc. 1 cm Qtz @ 96', 97½, 98, 99
104½	113.8	9.3	9.3	<u>Bleached & altered, very lt gy volc; loc fracs almost @ 0° have talc or Py; across 2 mm;</u>
113.8	116	2.2 (1.4 True Width)	1.9	Vn Qtz; wh; Fine Fracs @ 45°, some w grnsh tinge & some bk splashes of Py to 1½ cms @ 115½

Sample # 467 - Full Core

Ozs/ton

Au = 0.262

Ag = 0.10

116	129.2	13.2	13.2	Bleached & altered, very lt gy volc, w fracs @ 0° - 40° us < 1½ mm wide w Py; < ½ cm Blebs Py w 3 mm Qtz vnlt @ 128½
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END

Collar Lat. 4022 m; Dep. 4021 m; Elev. 4375, -1333.9 m
 Direction: Mag S @ -45° Depth: 110½' - 33.7 m

From	To	Dist.	Recov.	Description
Feet				
0	12.5	12.5	3½	Broken core. Di
12.5	25.5	13	12½	Di; mg, more distinct grain borders than in some other places;
25.5	43.5	18	18	loc volc remnant 18' - 19' & 24-24½ Gy volc w loc Di @ 26½-27 & 30½-31½; 2% Py dissem & blebs & vnltts or light fracs (@ 20-30); no oxidation here; 5 mm Qtz vnltts @ 28½, 29, 30½, 33½, 34½, 37, 37½, 42½, 43.
43.5	51	7.5	7½	Di or crowded Fel por;
51	54½	3½	3½	Gy volc, Fg; contact @ 51' @ 35°, is parallel to ½ cm Qtz seams & bdg layers (?); 1% Py.
54½	63	8½	8½	Volc tuff; gy, fg, Frags of whtsh fel mostly 1 mm, but some 3-5 mm, <1% Py in light fracs, only; could be felpor.
63	71	8	8	Gy, Fg volc. >2% Py in fracs & vnltts as @ 63' where Py fracs enter the tuff or felpor above but soon peter out;
71	73½	2½	2½	Di, as above (or crowded Felpor); 2% Py dissem & vnltts;
73½	77½	4	4	Mixed gy volc & Di or Fel por; loc grnsh-gy @ 76½ & 77-77½ due to serp or talc layers;
77½	82½	5	5	<u>Whtsh-gy, bleached, siliceous volc;</u> Qtz blobs & vnltts to 1 cm loc @ 77½, 78½, 80½ >2% Py mostly in 1-2 mm vnltts.
		(3.5 True Width)		
Sample #471 (78-81)				
		Ozs/ton		Au = 0.002 Ag = Tr
82½	88	5½	5½	Gy volc, fg; 2% Py dissem & vnltts; minor Qtz vnltts only
88	103	15	15	Mixed (Di or) <u>Felpor & Fg volc;</u> Qtz vnltts to 1 cm common as @ 88½, 92, 96, 98, 99, 102, 103; 2% Py, often assoc w Qtz. espec from 97-99'.
103	110½	7½	7½	Whtsh gy, siliceous volc + loc fel por; similar to 80'; tight Fracs w Py, are irreg & look like breccia loc;

END

Collar Lat. 4026½ m; Dep. 4021 m; Elev. 4376½' - 1334.3 m

Direction: Mag S @ -45° Depth: 98' - 29.9 m

From	To	Dist.	Recov.	Description
		Feet		
0	16	16	8½	Di; broken core to 13½' (6' recovered);
16	33	17	17	Gy volc 1 cm Qtz @ 17½, 19½, 21 (5 cms qtz + volc-breccia + minor Py), 21½, 22½, 24, 26½, 27½, 28½, 29½, 30½, 31, 34, 35, (45°), 38 (25°); loc Py in vnltls & dissem.
33	46½	13½	13½	Fel Por (crowded); intermingled contacts w gy volc. over 3' at each side; grnsh-gy; minor Py in 1 mm vnltls & dissem; grn ep vnltls @ 40°, & @ 45½;
46.5	48.7			Gy volc ?
48.7	49.7	1.0	1.0	Lt gy fel-Qtz por, as in DH #9 @ 60',
49.7	51.0	1.3	1.3	Gy volc; Py in first ½' contact zone
51	58½	7½	7½	Fel por (or Di) crowded w wh. phenos. minor Py vnltls & dissem ½ cm Qtz vnltls @ 63, 63½, 64, 65
58½	65½	7	7	Altered volcs; Qtz veins & masses @ 59' (3 cms), 59½, 60' (10 cms w Py); 60-62½ has 3% Py, in mixed Qtz & <u>volc breccia</u>
65½	77	11½		Gy volc + Di zones @ 70½-71½, 73½-75, Py vnltls (2%) at 25° at 25° - 40°.
77.2	79.5	2.3 (1.6' True width)	2.3	Vn Qtz. + 5% gy volc & 3% Py in local blebs & vnltls @ 45°.

Sample #468

Ozs/ton

Au = 0.678

Ag = 0.15

79.5 98.0 18.5 Gy volc w loc Di or Fel por @ 83-83½, 85-86,
89-91, 94-96,
Py vnltls (& masses) common in volc sections.
Lt gy volc 79½ to 85, due to bleaching

END

Collar Lat. 4022½ m; Dep. 4040 m; Elev. 4376½'- 1334.3 m
Direction: Mag S @ -45° Depth: 93'- 28.3 m

From	To	Dist.	Recov.	Description
<u>Feet</u>				
0	9	9	3½	Broken cove; prob Di mostly
9	18½	9½	8½	Di, or fel por
18½	47½	29	29	Gy volc; + fel por @ 42-44, & 46-47' 2 - 6 mm Qtz vns @ about 1' intervals minor py; 2 cms Qtz @ 30' (30°) w limon stain; 2 cm Qtz @ 37.4' (40°), 5 cms @ 41', 2 cms @ 44' (55°), 1 cm @ 43' (60°)
47½	58	10½	10½	Mottled rk, w spectacular bk & gy irreg texture; partly serpentized, mostly bk but some grn serp.
58	67.3	9.3	9.3	Gy volc.
67.3	69.3 (1.4 True Width)	2.0	2.0	<u>Vn Qtz</u> & 20% gy volc bands @ 45°.
<u>Sample #469</u>				
Ozs/ton Au = 0.101 Ag = 0.05				
69.3	71.3	2.0	2.0	Whtsh-gy volc, fg, siliceous; minor Py;
71.3	78	6.7	6.7	Gy volc mixed w fel por loc @ 73-74½, & 75½-76; normal Py vnlt - 2% Py.
78	93	15	15	Gy volc. w grnsh-gy sections; siliceous loc; Qtz @ 82 (3 cms), 88-89 (20%), 91 & 91½, 89 (5-8 cm bleb). siliceous, lt gy, Fg @ 86½-88

END

Collar Lat. 4015 m; Dep. 4059 m; Elev. 4376'- 1334.1 m

Direction: Mag S @ -44° Depth: 97'- 29.6 m

From	To	Dist.	Recov.	Description
		Feet		
0	6	6	3	Broken core, prob Di
6	12½	6½	5	Gy volc, Fg,
12.5	15.5	3	2	Grnsh-gy Fel por
15.5	17.6 (Horiz. Width = 1.5')	2.1	2.1	<u>Vn Qtz</u> + 20% volc rk in thin (< 1 mm) layers @ 20-35°; one py vnlt 2 mm; <u>sample #472</u> ; rock has streaked to mottled look.

Sample #472; rock has streaked to mottled look

Ozs/ton

Au = 0.002

Ag = Tr

17.6	52.5	34.9	34	Gy volc, Fg Qtz to 1 cm @ 18½, 20, 22½, 23, 24, 25½, 26, 29, 30, 31½, 32½, 34, 35, 35½, 37, 38½, 39, 40-41 (0°) 42½, 45½, 47, 48, 48½, 50; angles 30-90°; minor Py only, except at 47' w assoc oxidation; @ 48½' a 1 cm wide purple-red vn @ 30° has 2 mm irreg. Qtz vnlt in center
52.5	55.8	3.3	3	Fel por; crowded wh Fel phenos; 2 - 3% Py dissem;
55.8	59	3.2	3.2	Lt gy, siliceous, Fg volc + grnsh-gy 58-59; v fg py dissem.
59	60	1	1	Lt gy, <u>fel-Qtz por.</u> Fel to 5 mm loc, us < 2 mm, w < 1mm Qtz phenos.
60	67	7	7	Lt gy, grnsh-gy & gy volc; Fg, not silic, looks like <u>breccia loc.</u>
67	71½	4.5	4.5	Gy, Fg, siliceous volc.,
71.5	79 (Horiz. width = 5.3')	7.5	5.5	<u>Vn Qtz</u> + ½' gy volc intervals @ 72, 74, 75, 77

Sample #470 - full core, is 75% Qtz;
very little Py; 65° contact @ 71½;

Ozs/ton

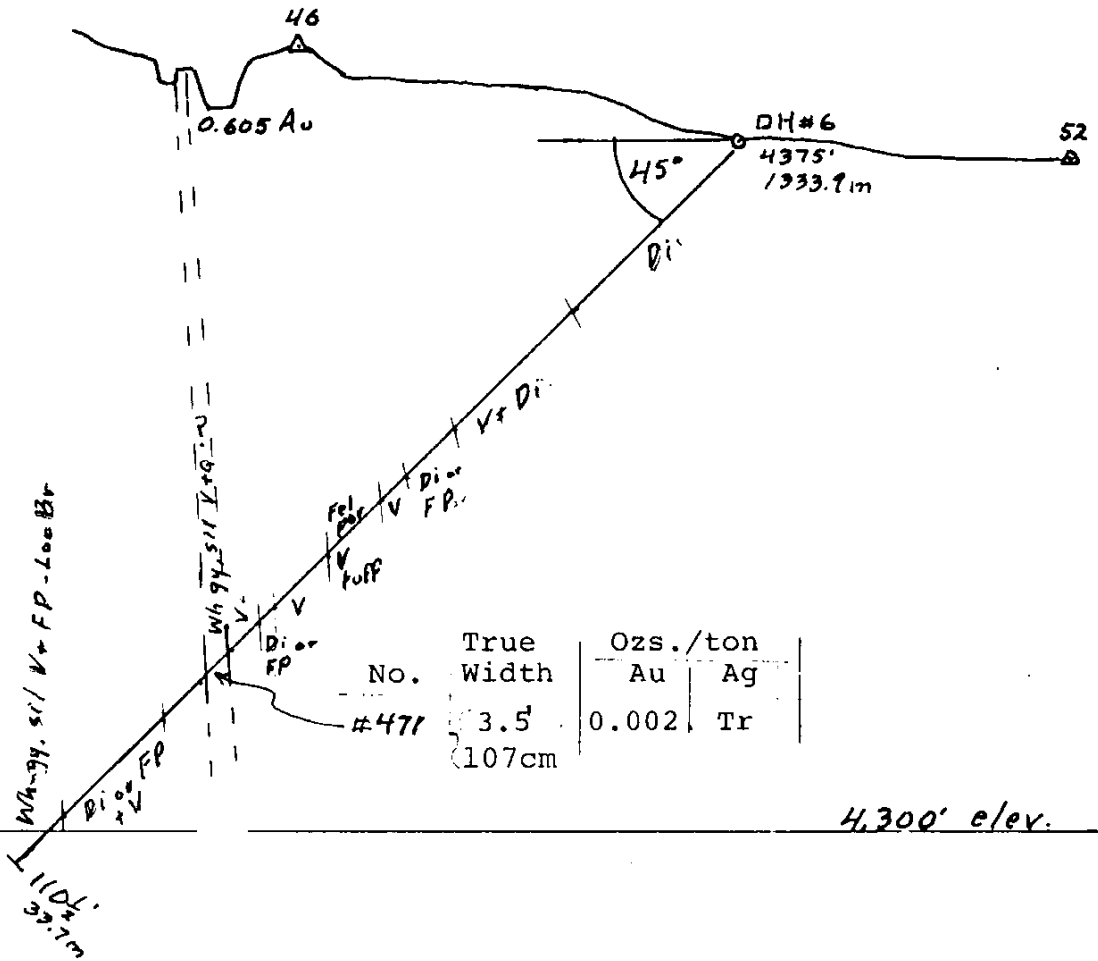
Au = 0.002

Ag = TR

79	82	3	2.5	Same as 70'; note hard grn mineral @ 79.7' (ep?) w Py.
82	97	15	15	Same rk but <u>limonite-stained on frags & vns</u> ;

End

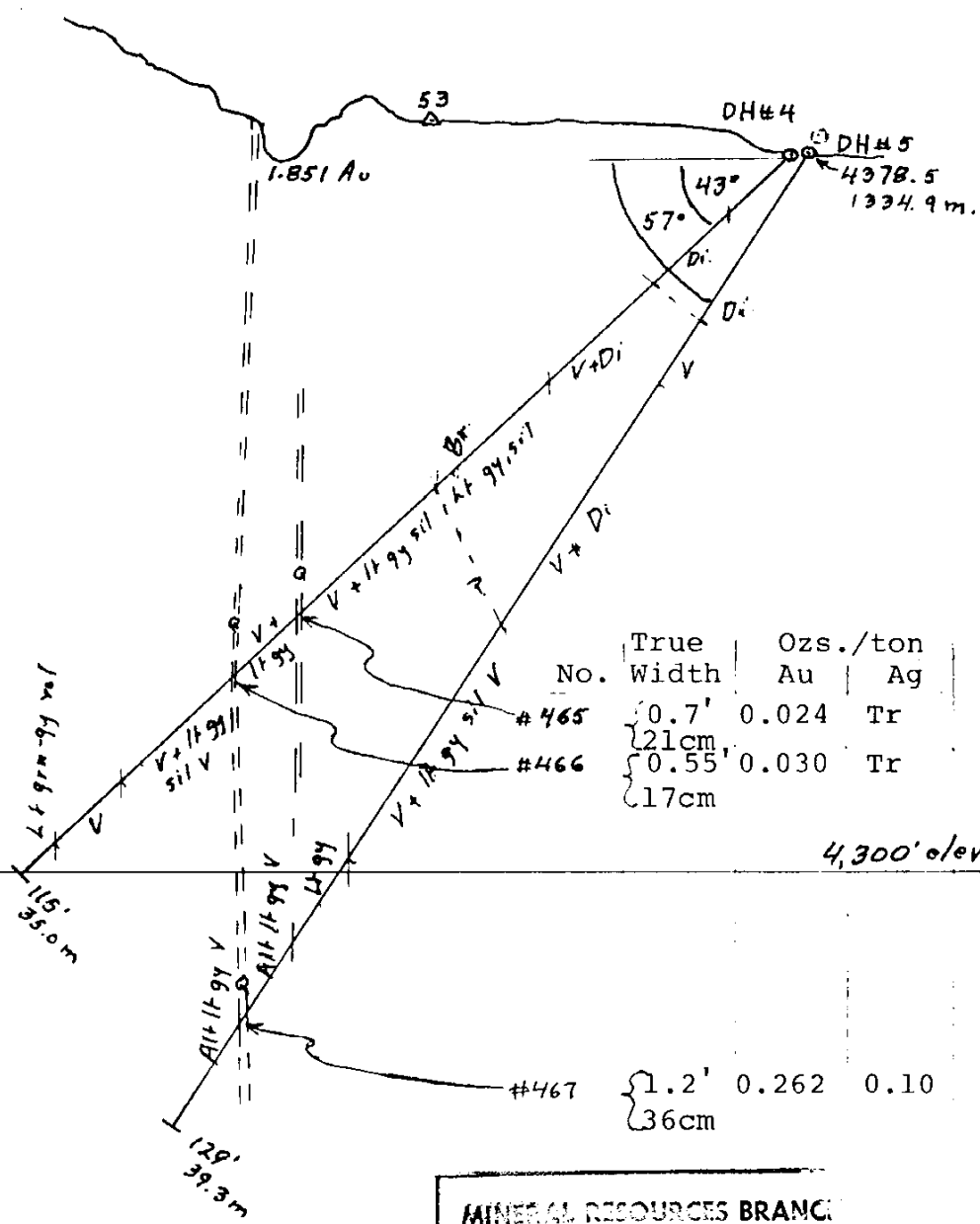
4,000 N



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TRI BASIN RESOURCES LTD.
 OPHIR - Greenwood, B.C.
 VERT. SEC. D.H. #6
 1:250
 0 1m 1 1/2
 Dec. /80 R.C.M.

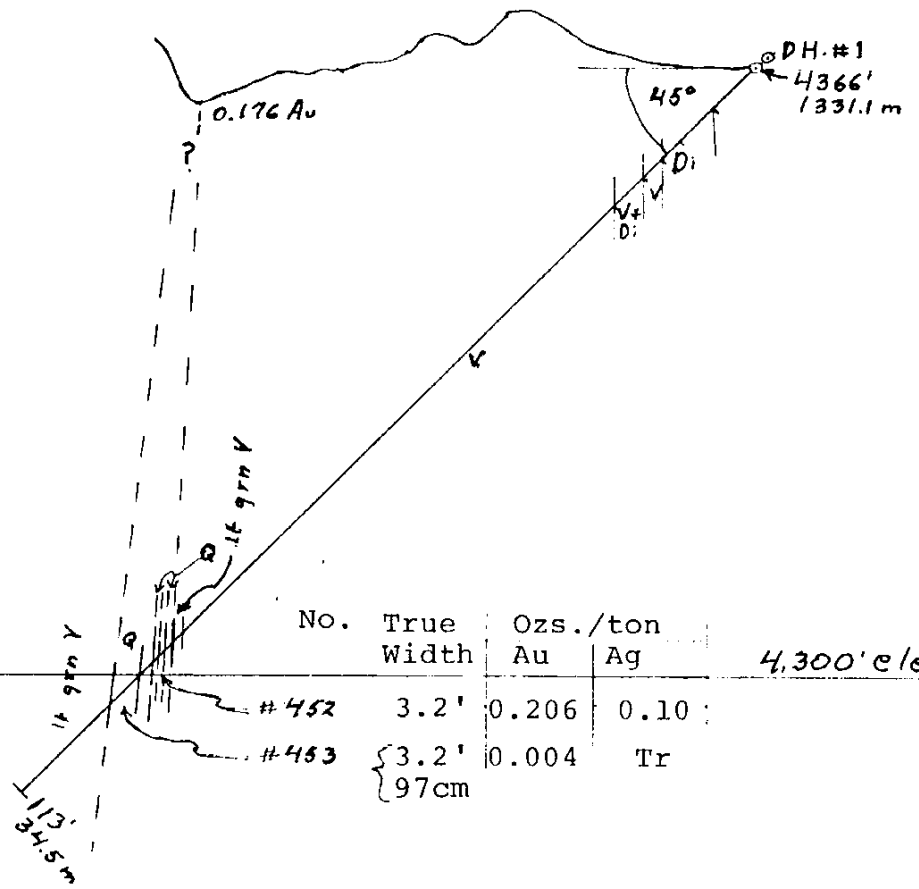
4,000 N



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 ASSOCIATED REPORT
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TRI BASIN RESOURCES LTD.
 OPHIR - Greenwood, B.C.
 VERT. SEC. D.H. #4 & 5
 0 1:250 1m 1 1/2
 Dec./80 R.C.M.

4,000 N



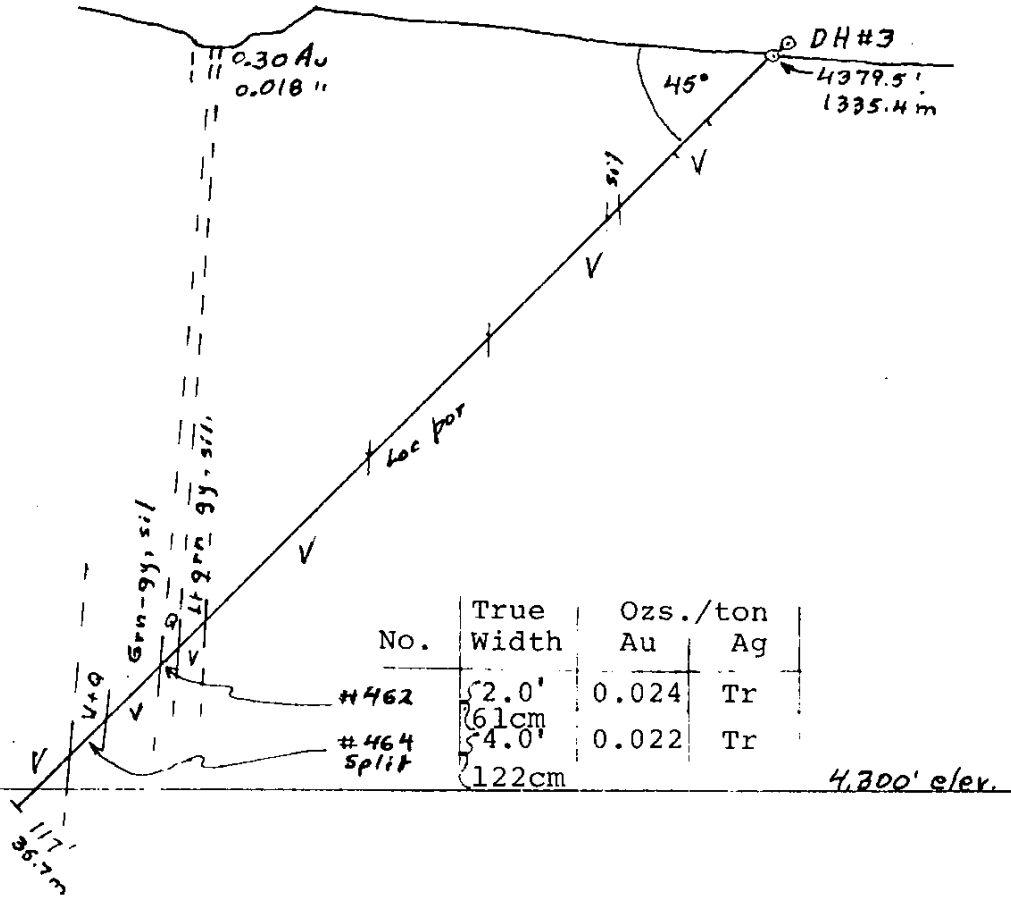
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ASSESSMENT REPORT

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TRI BASIN RESOURCES LTD.
OPHIR - Greenwood, B.C.
VERT. SEC. D.H. #1
0 1:250 1m 1½
Dec./80 R.C.M.

4000 N



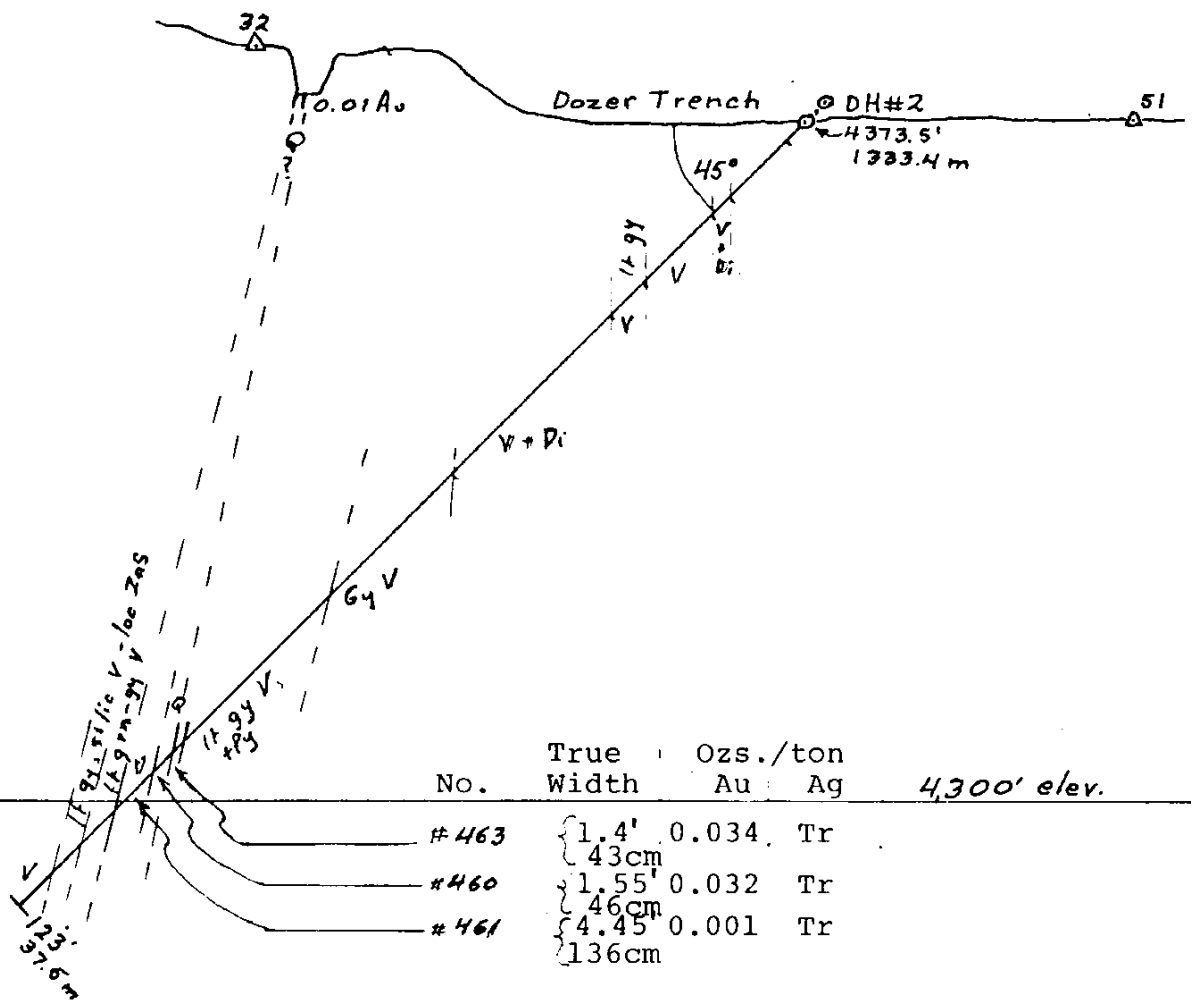
No.	True Width	Ozs./ton	
		Au	Ag
#462	2.0'	0.024	Tr
#464 Split	61cm	0.022	Tr
	4.0'		
	122cm		

4,700' elev.

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TRI BASIN RESOURCES LTD.
 OPHIR - Greenwood, B.C.
 VERT. SEC. D.H. #3
 1:250
 0 1m 1 1/2
 Dec./80 R.C.M.

4,000N

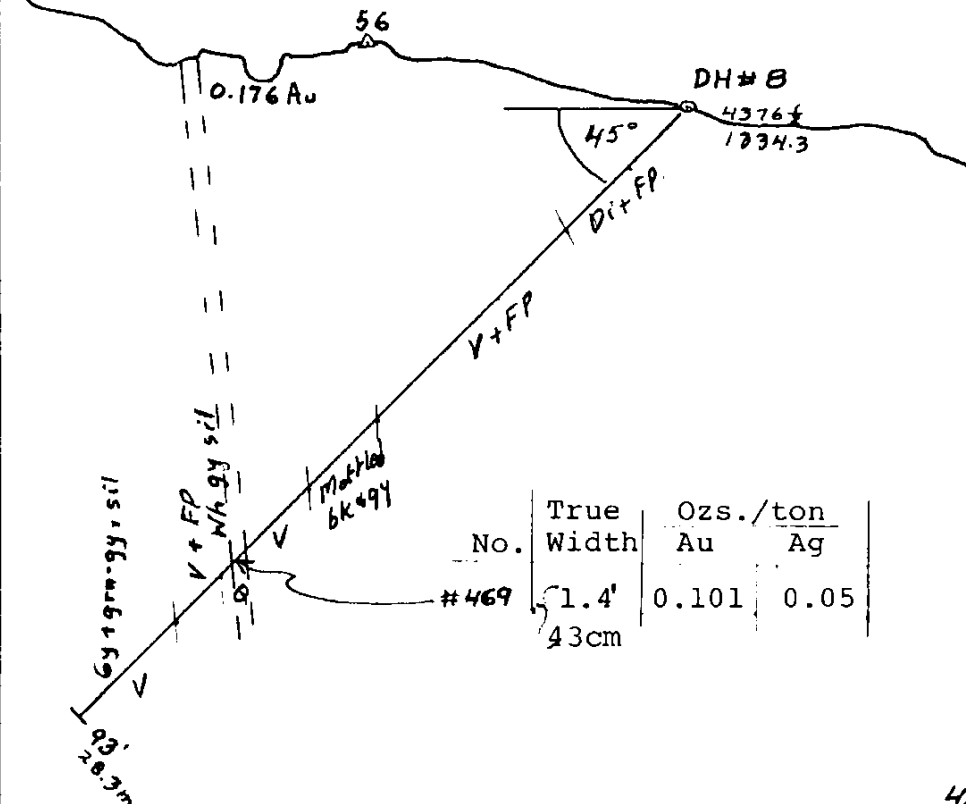


No.	True Width	Ozs./ton Au	Ag	4,300' elev.
#463	1.4' / 43cm	0.034	Tr	
#460	1.55' / 46cm	0.032	Tr	
#461	4.45' / 136cm	0.001	Tr	

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TRI BASIN RESOURCES LTD.
OPHIR- Greenwood, B.C.
VERT. SEC. D.H. #2
1:250 1m 1 1/2
Dec./80 R.C.M.

4,000 N

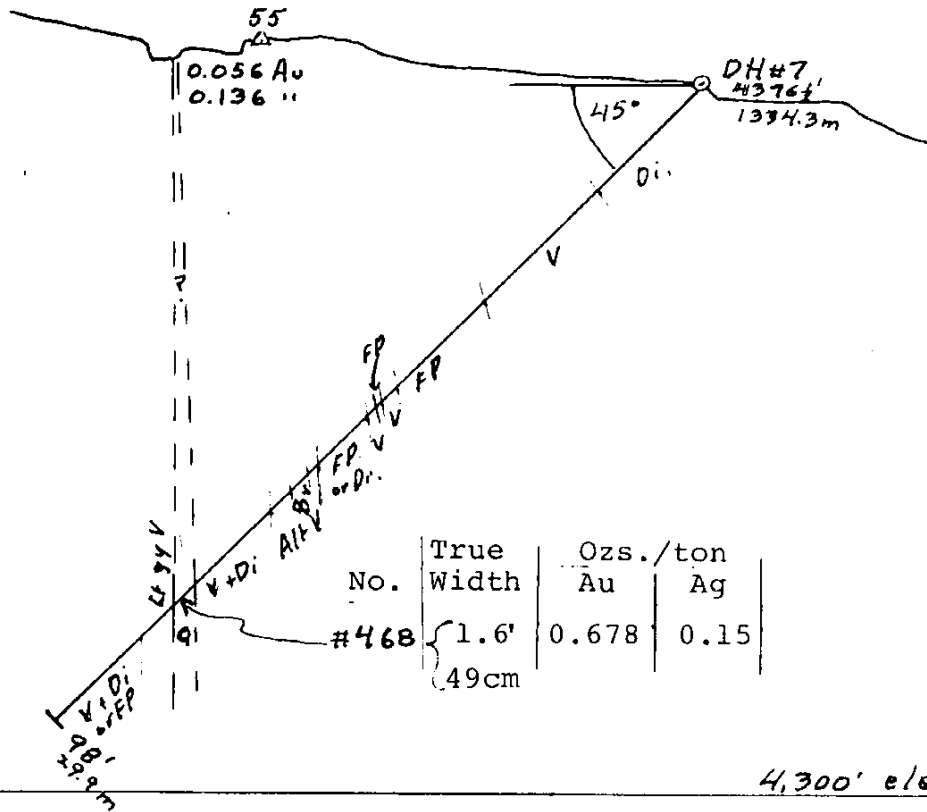


4,300' elev.

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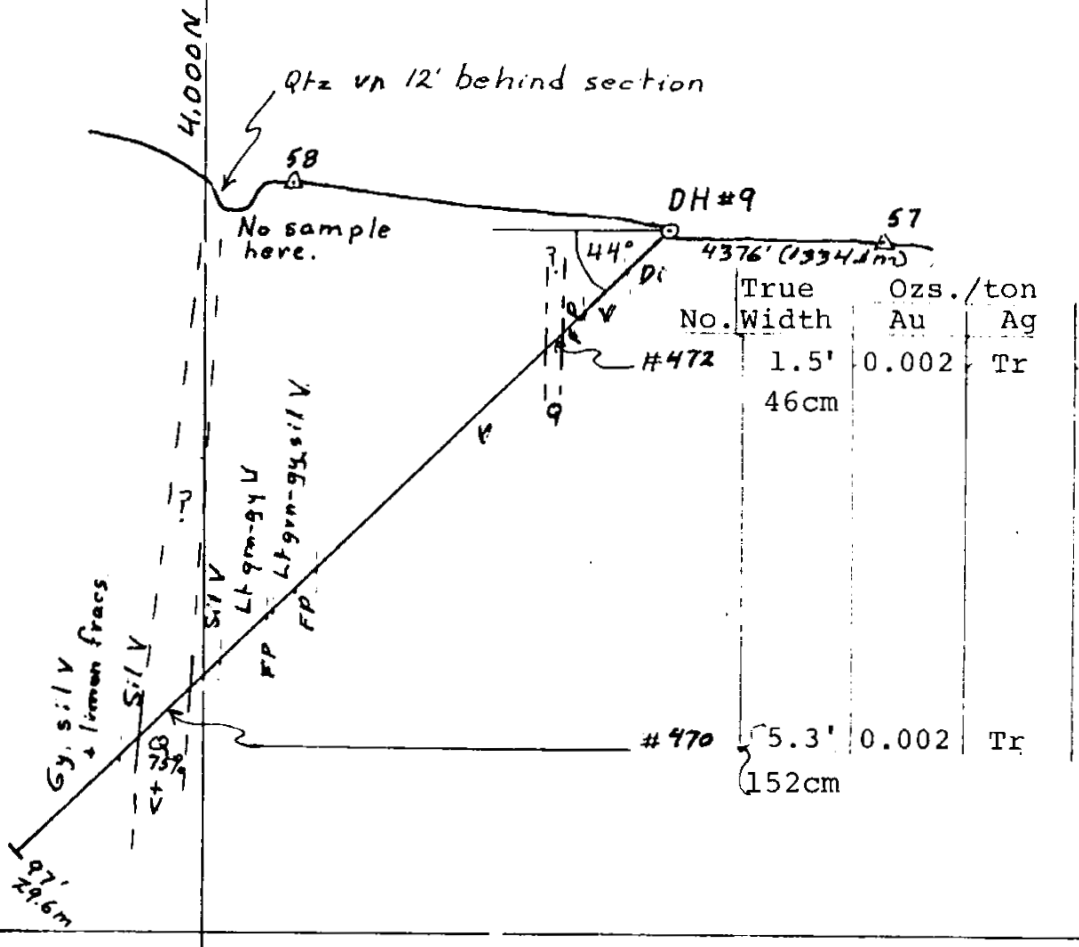
TRI BASIN RESOURCES LTD.
 OPHIR - Greenwood, B.C.
 VERT. SEC. D.H. #8
 1:250
 0 1m 1½
 Dec./80 R.C.M.

4,000 N



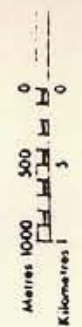
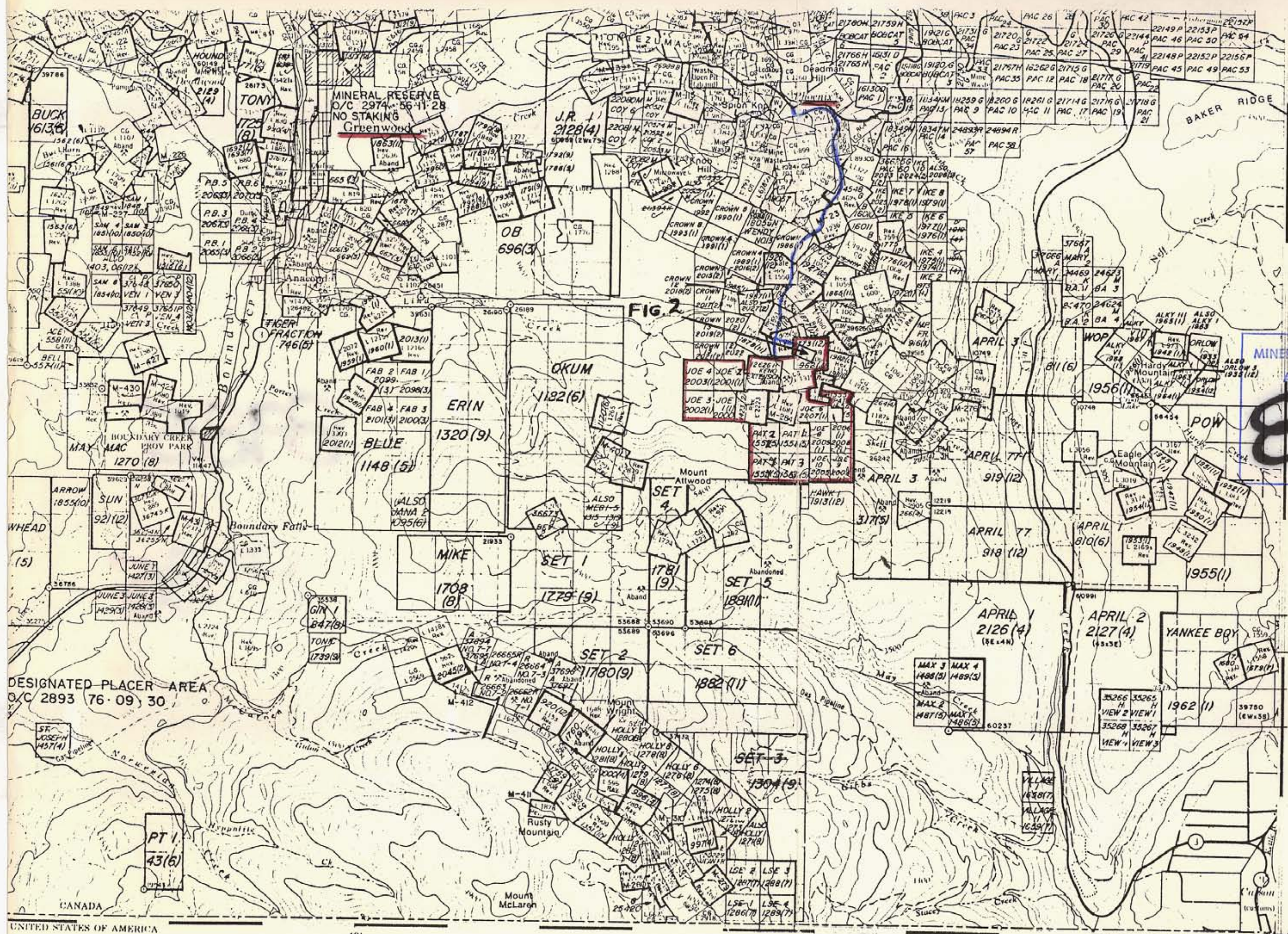
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8985
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TRI BASIN RESOURCES LTD.
 OPHIR - Greenwood, B.C.
 VERT. SEC. D.H. #7
 1:250
 0 1m 1 1/2
 Dec./80 R.C.M



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TRI BASIN RESOURCES LTD.
 OPHIR - Greenwood, B.C.
 VERT. SEC. D.H.#9
 1:250
 0 _____ 1m _____ 1½
 Dec./80 R.C.M.



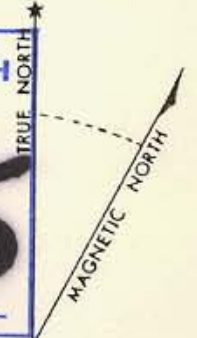
DATE OF A:

M 82E / 2

GREENWOOD MINING DIVISION

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Use diagram only to obtain numerical values
APPROXIMATE MEAN DECLINATION

Annual change decreasing

CONTOUR INTERVAL 100 FEET
(30.48 metres)

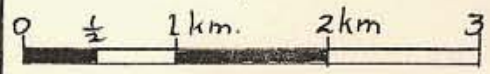
Transverse Mercator Projection

82E 6	82E 7	82E 8
82E 3	82E 2	82E 1
USA	USA	USA

INDEX TO ADJOINING SHEETS OF
THE NATIONAL TOPOGRAPHIC SYSTEM

OPHIR C.G. & PAT GROUP
Greenwood Min. Division

1:50,000



Min. Titles Map 82E/2E

Fig.1

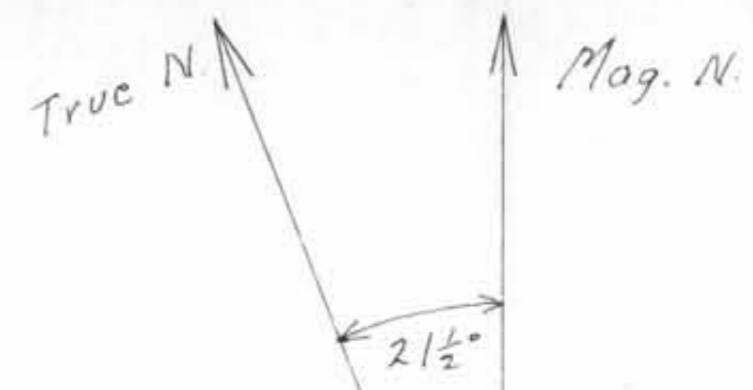
DESIGNATED PLACER AREA
O/C 2893 76-09-30

CANADA
UNITED STATES OF AMERICA

40'

35'

49°00'
118°30'



LEGEND

- Surface trench or pit, dug by machine.
- Ditto, by hand tools.
- Shaft
- Access road.
- Bedrock exposure
- Toe of rock & soil dump.
- Survey stake, placed by tripod-mounted telescope and compass and chain.
Note: elevations are shown on separate page.

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TRI BASIN RESOURCES LTD.
OPHIR M.C. - Lot 1056
Grand Forks Min. Div.
CONTROL SURVEY
1:500

R. C. Macdonald, P. Eng. July 1980
Dec. 1980
FIG. 2

8985