



32D05NW0391 45 HARKER

010

DIAMOND DRILLING

Township: Harker

Report No: 45

WORK PERFORMED FOR: American Barrick Resources Corp.

RECORDED HOLDER: SAME AS ABOVE [x]

: OTHER []

<u>CLAIM NO.</u>	<u>HOLE NO.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
L 641391 641398	MC86-260	209.3m	Feb/86	(1)
L 641391	MC86-259 <u>2</u>	256.3m <u> </u>	Jan-Feb/86	(1) (2)

NOTES: (1) #94-86
(2) This hole was not received by the Toronto office in April/86 with MC86-260. It was received in Toronto on December 19, 1986 and added to this file at that time.

Co-ords: 10400.0 9800.0

DIAMOND DRILL RECORD

HOLE NO.: MC.86-259

Azimuth: 375.5

Section: 2+00W West Block

Property: West Block

Dip: -50.0

Core Size: BQ

Location: 2+00W 4+00N

Elevation: 5000.0

Date Started: Jan. 27. 1986

Length: 256.3

Date Completed: Feb. 4. 1986

Measurement: Metric

Logged by: R. B. Alexander

Comments: Casing left in hole

Depth	Azimuth	Dip	Depth	Azimuth	Dip	Depth	Azimuth	Dip
45.70		-48.0	137.20		-46.0	228.60		-47.0
91.40		-47.0	182.90		-47.0	256.00		-47.0

-----Log Summary-----

0.00 19.40 OVERBURDEN.
 19.40 33.18 HIGH MAG BASALT.
 33.18 35.05 SYENITE.
 35.05 71.25 HIGH MAG BASALT.
 71.25 72.95 SYENITE.
 72.95 75.70 HIGH MAG BASALT.
 75.70 78.75 SYENITE.
 78.75 108.05 HIGH MAG BASALT.
 108.05 125.66 SYENITE.
 125.66 136.92 HIGH MAG BASALT.
 136.92 137.05 SYENITE.
 137.05 181.50 HIGH MAG BASALT.
 181.50 183.60 SYENITE.
 183.60 205.50 HIGH MAG BASALT.
 205.50 210.27 SYENITE.
 210.27 226.80 HIGH MAG BASALT.
 226.80 232.00 SYENITE.
 232.00 256.30 HIGH MAG BASALT.
 256.30 END OF HOLE.

MINING GEOLOGICAL SURVEY
 PRESENT FILES
 OFFICE
 DEC 19 1986
 RECEIVED

R. Brian Alexander

RESIDENT GEOLOGIST
 4 GOVERNMENT ROAD EAST
 KIRKLAND LAKE, ONTARIO
 P2N 1A2

From	To	Description	Sample	From	To	Length	% Sul	Au	GW
0.00	19.40	OVERBURDEN							
19.40	33.18	HIGH MAG BASALT	20301	32.18	33.18	1.00	TR	.34	.34
		Dark green to grey, very fine grained to medium grained, weakly to moderately chloritized massive basalt. Decussate texture formed by chloritized lathes in a quartzo-feldspathic matrix.							
	23.50	28.00							
		Massive flow : dark green, medium grained, chloritized basalt with gradational upper contact.							
33.18	35.05	SYENITE	20302	33.18	34.18	1.00	TR	.34	.34
		Reddish brown to pink coloured, porphyritic, intermediate intrusive. Feldspar phenocrysts are up to 2 mm. Upper contact is sharp at 25 degrees to the core axis. Lower contact is sharp at 30 degrees to the core axis. Intrusive contains several basalt xenoliths. Contacts are strongly chloritized and epidotized.	20303	34.18	35.05	.87	TR	.34	.30
35.05	71.25	HIGH MAG BASALT	20304	35.05	36.00	.95	TR	.34	.32
		Dark green grey to grey, very fine grained to fine grained, weakly chloritized, strongly magnetic massive flow. Minor carbonate filled fractures are noted with fracture filling pyrite.	20305	70.25	71.25	1.00	TR	.34	.34
71.25	72.95	SYENITE	20306	71.25	72.00	.75	TR	.34	.25
		Reddish brown to pale grey, phaneritic, sericitized, intermediate intrusive. Upper contact is sharp at 40 degrees to the core axis with associated carbonatization in the basalt. Lower contact is sharp at 45 degrees to the core axis.	20307	72.00	72.95	.95	TR	.34	.32
72.95	75.70	HIGH MAG BASALT	20308	72.95	74.00	1.05	TR	tr	tr
		Same as above interval from 35.05 to 71.25 meters.	20309	74.00	75.00	1.00	TR	tr	tr
			20310	75.00	75.70	.70	TR	tr	tr

From	To	Description	Sample	From	To	Length	% Sul	Au	GW
75.70	78.75	SYENITE							
		Reddish brown to pale grey, ananeritic, sericitized, intermediate intrusive. Upper contact is sharp at 40 degrees to the core axis. Lower contact is at 45 degrees to the core axis. Carbonatization is associated with the upper contact.	20311	75.70	75.70	1.00	TR	.34	.34
			20312	76.70	77.25	.55	TR	.34	.19
			20313	77.25	77.85	.60	TR	.34	.20
			20314	77.85	78.75	.90	TR	.34	.31
		77.25 77.85 Xenolith of basalt.							
78.75	108.05	HIGH MAG BASALT							
		Greenish grey, very fine grained to medium grained, weakly to moderately magnetic, massive basalt.	20315	78.75	79.75	1.00	2-3	.34	.34
		78.75 81.60 Massive flow : green grey, medium grained, chloritized basalt with gradational lower contact.	20316	107.05	108.05	1.00	TR	tr	tr
		79.50 79.60 Quartz - carbonate veining with 5 to 10% pyrite in fracture filling form.							
108.05	125.66	SYENITE							
		Mottled orange brown to pale grey coloured, hematized, pegmatitic intrusive. Rock composition is 80% quartz and feldspar, and 20% mafic mineral, possibly hornblende. Upper and lower contacts are weakly chilled and irregular	20317	108.05	109.05	1.00	TR	tr	tr
			20318	109.05	110.05	1.00	TR	tr	tr
			20319	114.05	115.05	1.00	TR	tr	tr
			20320	119.05	120.05	1.00	TR	tr	tr
			20321	123.70	124.70	1.00	TR	tr	tr
			20322	124.70	125.66	.96	TR	tr	tr
125.66	136.92	HIGH MAG BASALT							
		Dark green grey, very fine grained to fine grained, chloritized, weakly to moderately magnetic, massive flow. Carbonate filled vesicles are noted locally. Magnetism is decreasing down section.	20323	125.66	126.60	.94	TR	tr	tr
			20324	135.94	136.92	.98	TR	tr	tr
136.92	137.85	SYENITE							
		Same as above interval from 108.05 to 125.66 meters.	20325	136.92	137.85	.93	TR	tr	tr
137.85	181.50	HIGH MAG BASALT							
		Same as above interval from 125.66 to 136.92 meters.	20326	137.85	138.80	.95	TR	tr	tr
			20327	159.60	160.60	1.00	1-2	tr	tr
			20328	160.60	161.60	1.00	2-4	tr	tr
		159.60 161.60 Pyrite 1 to 4% in fracture filling form associated with weak carbonatization.	20329	180.50	181.50	1.00	TR	tr	tr

From	To	Description	Sample	From	To	Length	% Sul	Au	GW
178.35	178.43	Fault gouge at 40 degrees to the core axis is strongly chloritized.							
181.50	183.60	SYENITE	20330	181.50	182.50	1.00	TR	tr	tr
		Same as above interval from 108.05 to 125.66 meters. Locally a phaneritic, equigranular texture is noted to equivalent to upper syenitic intrusive.	20331	182.50	183.60	1.10	TR	tr	tr
183.60	205.50	HIGH MAG BASALT	20332	183.60	184.40	.80	TR	tr	tr
		Same as above interval from 125.66 to 136.92 meters. Minor orange brown, pegmatitic veins are noted up to 0.5 meters in width.	20333	195.70	196.70	1.00	TR	tr	tr
			20334	196.70	197.35	.65	TR	tr	tr
			20335	197.35	198.35	1.00	TR	tr	tr
			20336	204.50	205.50	1.00	TR	tr	tr
		196.70 197.35 Pegmatitic intrusive with 1% pyrite.							
205.50	210.27	SYENITE	20337	205.50	206.50	1.00	TR	tr	tr
		Same as above interval from 108.05 to 125.66 meters. Upper contact is sharp at 55 degrees to the core axis. Lower contact is sharp at 40 degrees to the core axis.	20338	209.20	210.27	1.07	TR	tr	tr
210.27	226.80	BASALT	20339	210.27	211.23	.96	TR	tr	tr
		Dark green grey, very fine grained to medium grained, chloritized massive flow. Locally an oolitic texture is formed by white feldspar in a chloritized matrix.	20340	225.80	226.80	1.00	TR	tr	tr
226.80	232.00	SYENITE	20341	226.80	227.80	1.00	TR	tr	tr
		Same as above interval from 108.05 to 125.66 meters. Pegmatitic texture is patchy. Lower contact is sharp at 70 degrees to the core axis. Upper contact is at 50 degrees to the core axis. Weakly chilled margins are noted.	20342	231.00	232.00	1.00	TR	tr	tr

From	To	Description	Sample	From	To	Length	% Sul	Au	GW
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232.00 256.30 BASALT

Dark green grey, fine grained to medium grained, weakly chloritized, massive rock. Sub-ophitic texture is becoming better developed. No good volcanic textures are noted.

20343	232.00	233.00	1.00	TR	tr	tr
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256.30 END OF HOLE.

BARRICK RESOURCES CORPORATION

Co-ords: 10075.0 9800.0

DIAMOND DRILL RECORD.

HOLE NO.: MC. 86-260

Azimuth: 375.5

Section: 2+00W West Block

Property: West Block

Dip: -50.0

Core Size: BQ

Location: 2+00W 0+75N

Elevation: 5000.0

Date Started: Feb. 10. 1986

Length: 209.3

Date Completed: Feb. 13. 1986

Measurement: Metric

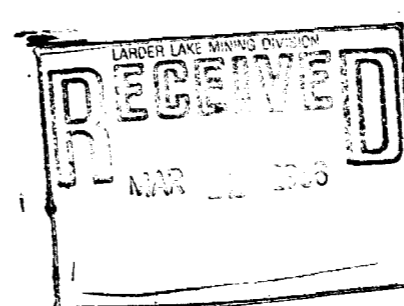
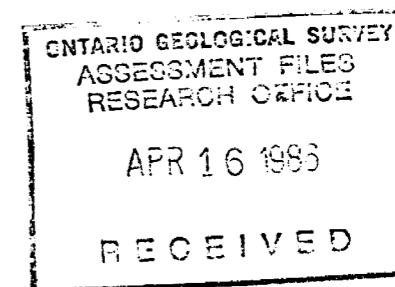
Logged by: R. E. Alexander

Comments: Casing left in hole

Depth	Azimuth	Dip	Depth	Azimuth	Dip	Depth	Azimuth	Dip
91.40		-46.0	137.20		-46.0			

-----Log Summary-----

0.00 19.55 OVERBURDEN.
 19.55 66.12 BASALT.
 66.12 69.45 SYENITE.
 69.45 109.32 HIGH MAG BASALT.
 109.32 180.74 DIORITE.
 180.74 190.65 VARIABLY SILICIFIED BASALT.
 190.65 209.26 DIORITE.
 209.26 END OF HOLE.



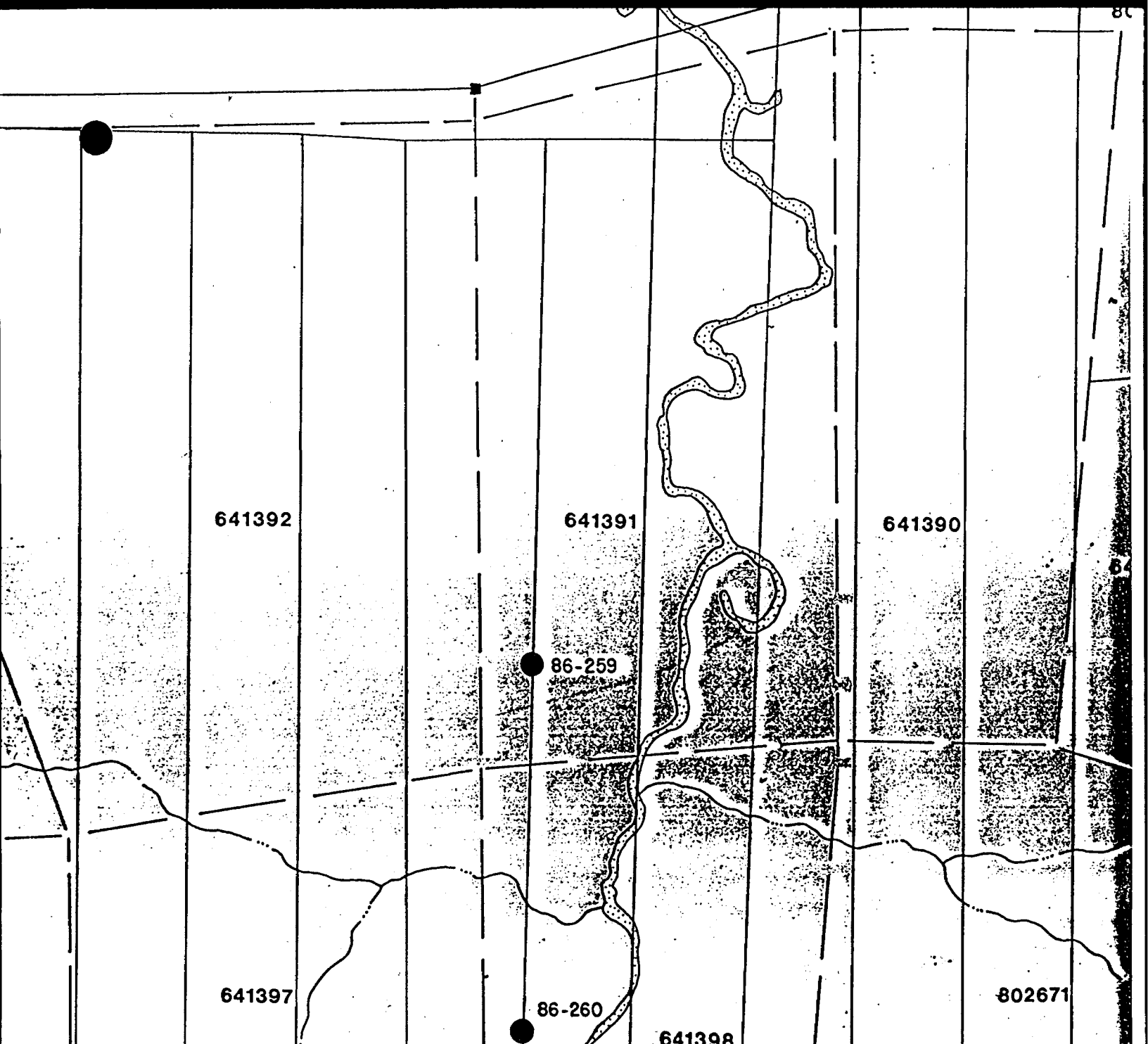
R. Brian Alexander.

From	To	Description	Sample	From	To	Length	% Sul	Au	GW
0.00	19.55	OVERBURDEN							
19.55	66.12	BASALT							
		Dark green grey, very fine grained to fine grained chloritized massive and pillowed flows. Locally quartz-carbonate filled fractures are noted with associated epidotized and minor pyrite.	20344	43.00	44.00	1.00	TR-1	tr	tr
			20345	44.00	45.00	1.00	3-5	tr	tr
			20346	45.00	46.00	1.00	1-2	tr	tr
			20347	46.00	47.00	1.00	2-3	tr	tr
			20348	47.00	48.00	1.00	1-2	tr	tr
		27.45 27.55 Tectonically foliated at 60 degrees to the core axis associated with minor pyrite.	20349	48.00	49.00	1.00	TR	tr	tr
			20350	65.10	66.12	1.02	TR	tr	tr
		34.35 Weakly sheared at 40 degrees to the core axis with syenitic veinlet associated.							
		44.00 48.35 Fault zone. Upper 3 cm foliated 60 degrees to the core axis with flow top filling pyrite up to 5% locally. Strongly foliated and weakly sheared at 45.1 meters at 55 degrees to the core axis. Locally pale grey silica dumping is noted with increasing pyrite content associated. 48.15 shearing at 60 degrees to the core axis.							
		49.75 63.90 Pillowed flow. Dark green grey, very fine grained to fine grained chloritized basalt with weakly to moderately developed selvages up to 3 cm wide. Selvages are chloritized and epidotized.							
		63.90 64.23 Is. Orange brown, phaneritic sericitized intermediate intrusive. Orange brown colouring is due to hematite alteration.							
66.12	69.45	SYENITE							
		Pale to orange brown, locally Pegmatitic, weakly sericitized intermediate intrusive. Rock composition is 80 to 90% quartz and feldspar with 10 to 20% mafic mineral. Upper contact is sheared at 60 degrees to the core axis. Lower contact is sheared and weakly chloritized.	20351	66.12	67.12	1.00	TR	tr	tr
			20352	68.50	69.45	.95	TR	tr	tr
69.45	109.32	HIGH MAG BASALT							
		Very fine grained to fine grained dark green grey weakly chloritized pillowed flow. Narrow selvages are weakly developed chloritized and epidotized. Vesicle noted locally. Strongly magnetic increasing down section.	20353	69.45	70.45	1.00	TR	tr	tr
			20354	92.32	93.24	.92	TR	tr	tr
			20355	93.24	94.04	.80	1-2	tr	tr
			20356	94.04	94.80	.76	TR	tr	tr
		93.24 94.04 Dark green zone of with silicification and carbonate alteration adjacent fractures.							

From	To	Description	Sample	From	To	Length	% Sul	Au	GW
		1 to 2% pyrite. Purple colour is developed locally.							
105.05	105.45	Strongly epidotized selvage with carbonate-quartz filling. 1 to 2% pyrite.							
108.73	108.77	Pink syenite intense. Reactive to HCl.							
109.32	180.74	DIORITE							
		Dark green fine grained to medium grained massive intense. Chloritized mafic laths to 4 mm in a felsic matrix. Moderate to strongly magnetic. Top contact is indistinct appears to grade to a vesicular zone. Fines at base.	20357	115.35	116.09	.74	TR-1	tr	tr
		Numerous stringers and veinlets of pink pegmatitic felsic intrusives with hematite stain are noted at -.	20358	116.09	116.71	.62	TR-1	tr	tr
			20359	179.84	180.74	.90	TR-1	tr	tr
		111.73 111.79 White mica to 5 mm.							
		112.60 112.93 White mica and feldspar to 5 mm.							
		114.39 114.43 White mica to 12 mm.							
		114.77 115.24 White mica to 2 mm.							
		116.20 116.52 Strongly magnetic.							
		138.57 138.72 White mica to 5 mm.							
		138.93 139.02 White mica to 5 mm.							
		152.25 152.33 White mica to 4 mm.							
		152.45 152.53 White mica to 5 mm.							
		152.68 153.16 Feldspar to 8 mm.							
		156.82 157.10 White mica to 3 mm.							
		162.70 162.79 0.							
		164.63 164.72 0.							
		167.14 1167.53 Feldspar to 20 mm.							
180.74	190.65	VARIABLY SILICIFIED BASALT							
		70% silicified. Very fine grained grey to pale green massive rock. Often 'cherty'. Non-magnetic. Possibly a basalt. Alteration along fractures gives a banded look. Includes fine grained feldspar porphyritic zones.	20360	180.74	181.90	1.16	1-2	1.03	1.19
		180.74 183.14 90% silicified. Grey very fine grained basalt. Locally up to 2% pyrite.	20361	181.90	183.14	1.24	1-2	.34	.42
		183.14 184.94 60% silicified. Grey to buff grey-green. 30% feldspar phenocrysts.	20362	183.14	184.05	.91	TR-1	.34	.31
		184.94 186.35 90% silicified. Very fine grained grey basalt. 1 to 2% pyrite.	20363	184.05	184.94	.89	TR-1	.34	.30
		186.35 187.45 50% silicified. Grey fine grained intense. Feldspar phenocrysts to 2 mm. Trace to 1% pyrite.	20364	184.94	185.70	.76	1-2	tr	tr
		187.45 190.65 90% silicified grey to grey-green basalt. 1 to 2% pyrite. Section at 188.74 to 188.83 meters is pink porphyritic SYENITE. 1% pyrite.	20365	185.70	186.35	.65	1-2	tr	tr
			20366	186.35	187.45	1.10	1	tr	tr
			20367	187.45	188.59	1.14	2	tr	tr
			20368	188.59	189.67	1.08	1-2	tr	tr
			20369	189.67	190.65	.98	1	tr	tr

From	To	Description	Sample	From	To	Length	% Sul	Au	GW
190.65	209.26	DIORITE	20370	190.65	191.59	.94	1	tr	tr
		Dark grey green fine to medium grained mafic intrusive. Fines at top contact. Silicification invades rock from overlying unit. Chloritic laths to 4 mm in felsic matrix. Top non-magnetic, becomes strongly magnetic down section. Minor quartz-carbonate stringers. Cut by pink pegmatitic felsic intrusive bands at. 192.39 To 192.55, 201.60 to 202.16 with 3 to 5% pyrite, 201.97 to 202.16, 202.48 to 202.65 meters.	20371	201.52	202.72	1.20	1-2	tr	tr
			20372	202.72	203.55	.83	TR-1	.34	.28

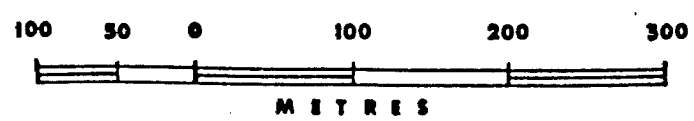
209.26 END OF HOLE.



**AMERICAN BARRICK
RESOURCES CORPORATION**

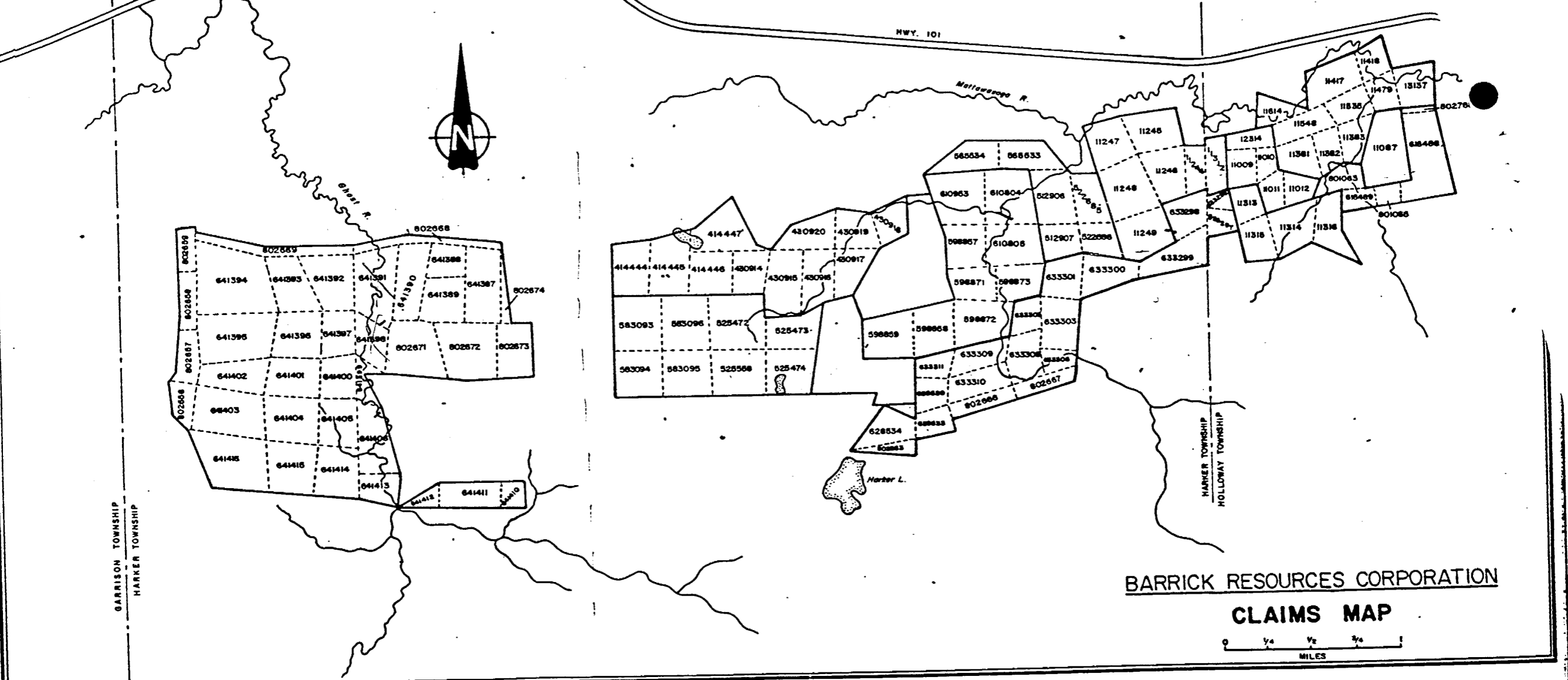
**McDERMOTT PROJECT - WEST BLOCK
Harker Township - Ontario**

D.D.H. LOCATION



641400

DATE	DRAWN BY	CHECKED BY	NTS NO.
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CLAIMS INVOLVED
"WEST BLOCK"



Ministry of
Natural
Resources

Report
of Work

Page 1

#94

The Mining Act



32D05NW0391 45 HARKER

900

Name and Postal Address of Recorded Holder American Barrick Resources Corporation	Prospector's Licence No. T 834
24 Hazelton Avenue, Toronto, Ontario M5R 2E2	

Total Work Days Cr. claimed 1527.50	Mining Claim			Mining Claim			Mining Claim		
	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.
for Performance of the following work. (Check one only) <input type="checkbox"/> Manual Work <input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work. <input type="checkbox"/> Compressed Air, other Power driven or mechanical equip. <input type="checkbox"/> Power Stripping <input checked="" type="checkbox"/> Diamond or other Core drilling <input type="checkbox"/> Land Survey	L	641387	33.4	L	641395	60	L	641403	60
		641388	33.4		641396	60		641404	60
		641389	33.4		641397	60		641405	20
		641390	33.4		641398	20		641406	20
		641391	33.4		641399	20		641410	60
		641392	33.4		641400	60		641411	60
		641393	33.4		641401	60		641412	20
		641394	33.4		641402	60		641413	20

All the work was performed on Mining Claim(s): **L-641391, L-641398** Cont. Page 2

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

Philippon Diamond Drilling Inc.
 C.P. 788
 829 Boul. Quebec
 Rouyn, Quebec
 (819) 762-7731

Hole Mc.86-259 Drilled Jan 27 - Feb 4, 1986
 Hole Mc.86-260 Drilled Feb 10 - Feb 13, 1986

Total footage = 1,527.50

Receipt #	Date of Report Feb. 25, 1986	Recorded Holder or Agent (Signature) <i>[Signature]</i>
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Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying Mr. M.E. Holt, American Barrick Resources Corporation		
24 Hazelton Avenue, Toronto M5R 2E2	Date Certified Feb 25, 1986	Certified by (Signature) <i>[Signature]</i>

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment	Names and addresses of owner or operator together with dates when drilling/stripping done.	Work Sketch (as above) in duplicate
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.	Nil	Nil
Land Survey	Name and address of Ontario land surveyer.		