Assess. Lib. Harker twp. File L 512907 #441

Ministry of Natural Resources
Ontario

Report of Work

Instructions – Supply required data on a separate form for each type of work to be recorded (see table below).

W8508-4441 The Mir

010

Name and Postal Address of Recorded Holder

Barrick Resources Corporation

Ste. 3001, South Tower, Royal Bank P

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed: 839

for Performance of the following work. (Check one only)

- ☐ Manual Work
- ☐ Shaft Sinking Drifting or other Lateral Work.
- ☐ Compressed Air, other Power driven or mechanical equip.
- ☐ Power Stripping
- ☒ Diamond or other Core drilling
- ☐ Land Survey

Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.
L	512907	8	L	633311	21			
	633301	21		628520	21			
	633303	21		628533	21			
	633305	21		628534	21			
	633306	21		802663	200			
	633308	21		802666	200			
	633309	21		802667	200			
	633310	21						

All the work was performed on Mining Claim(s): L-512907

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.85-257
Drilled from September 9-12, 1985

LARDER LAKE MINING DIV. RECEIVED NOV 1 1985 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

RECORDED NOV 18 1985 REC. No.

ONTARIO GEOLOGICAL SURVEY ASSESSMENT FILES RESEARCH OFFICE DEC 3 1985 RECEIVED

Date of Report: Oct. 28/85

Recorded Holder or Agent (Signature): M.E. Holt

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

M.E. Holt Address Above

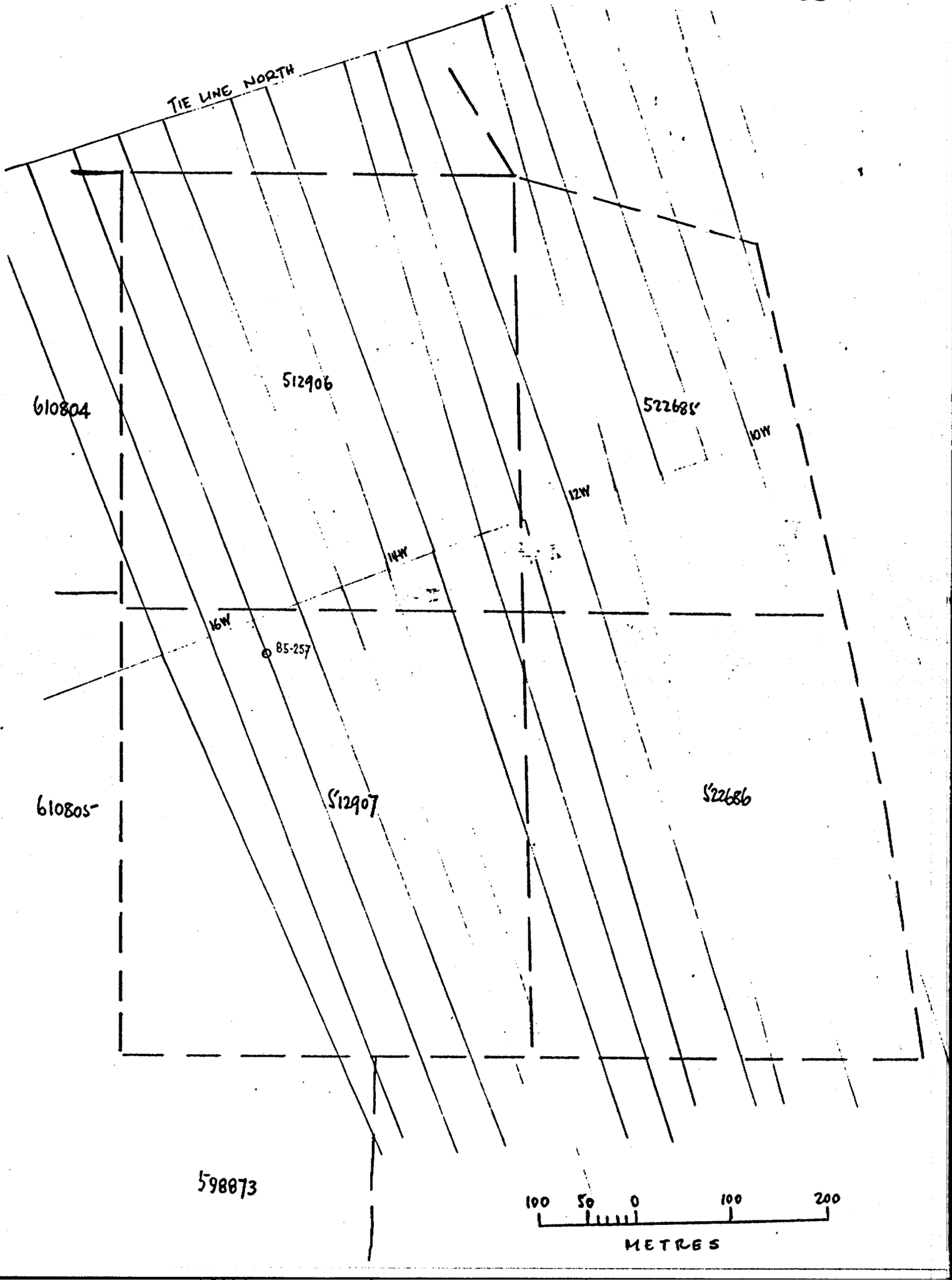
Date Certified: Oct. 28/85

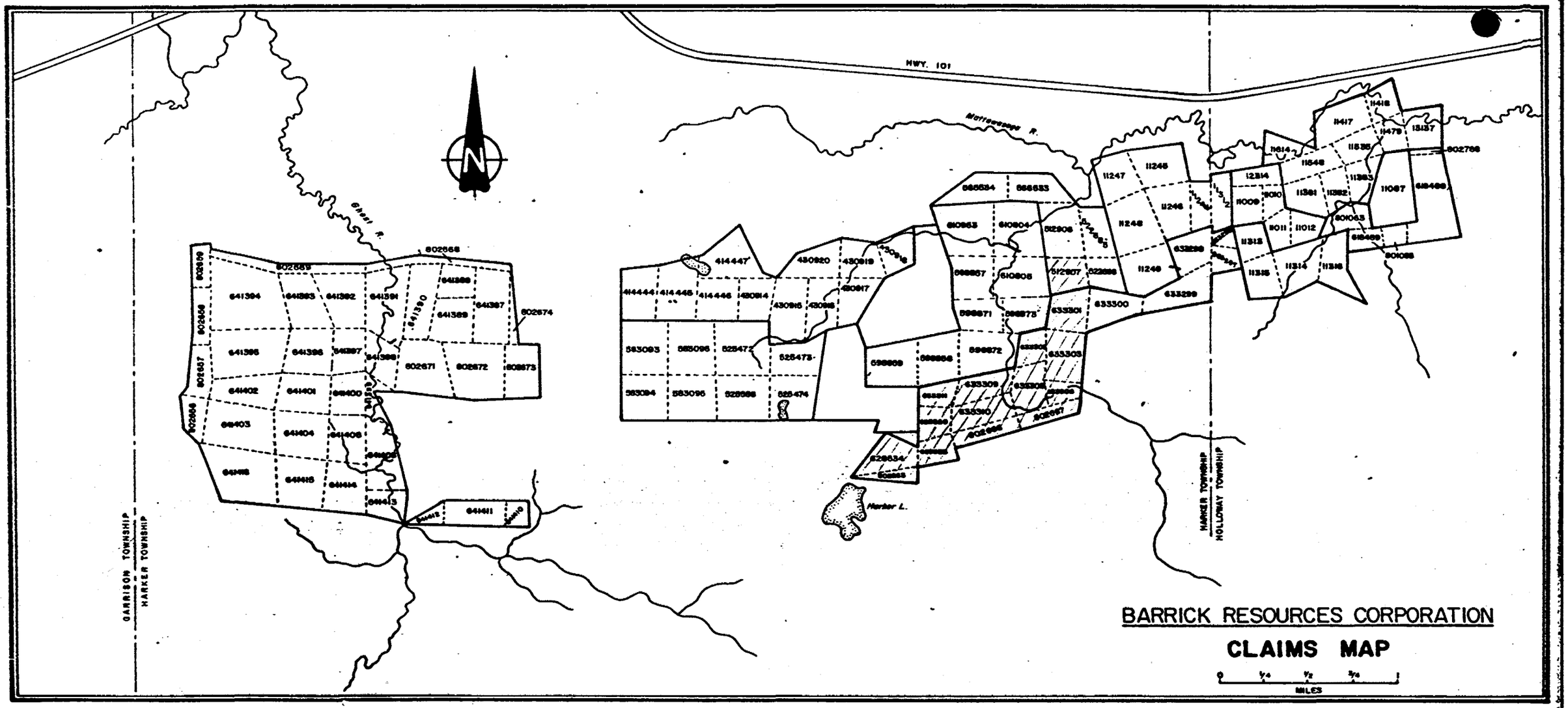
Certified by (Signature): M.E. Holt

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		
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping done.	
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.		Work Sketch (as above) in duplicate
Land Survey	Name and address of Ontario land surveyer.	Nil	Nil

900




HWY. 101
Mattagami R.
Gibbet R.
GARRISON TOWNSHIP
HARKER TOWNSHIP
HARKER TOWNSHIP
HOLLOWAY TOWNSHIP
Harker L.
BARRICK RESOURCES CORPORATION
CLAIMS MAP
0
1/4
1/2
3/4
1
MILES

BARRICK RESOURCES CORPORATION

DIAMOND DRILL RECORD

Co-ords: 9919.8 7478.4
Azimuth: 342.0 Deg.
Dip: -60.0 Deg.
Elevation: 4993.5
Length: 255.7
Measurement: Metric
Comments: Casing left in hole

Section: 1550W
Core Size: BQ

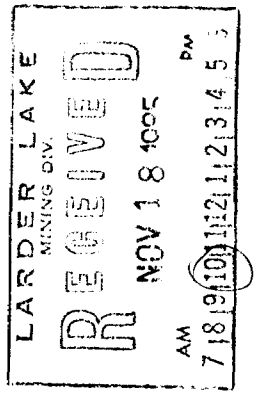
HOLE NO.: MC.85-257
Property: Lenora
Location: 15+50W 0+[redacted]

Date Started: Sept. 9, 1985
Date Completed: Sept. 12, 1985
Logged by: N. Downey

Depth	Azimuth	Dip	Depth	Azimuth	Dip	Depth	Azimuth	Dip
61.00		-59.0	126.20	345.5	-59.0	252.70	344.5	-56.0
121.90		-59.0	182.90		-55.5			

Log Summary

0.00	22.56	OVERBURDEN.
22.56	61.90	BASALT.
61.90	64.15	MONZONITE.
64.15	131.30	BASALT.
131.30	132.71	MONZONITE.
132.71	162.73	BASALT.
162.73	172.51	MAIN MINERALIZED ZONE.
162.73	172.51	TRANSITIONALLY SILICIFIED ZONE.
172.51	179.23	FOLIATED ZONE.
179.23	200.45	BASALT.
200.45	206.55	DIORITE.
206.55	237.45	BASALT.
237.45	242.83	MONZONITE.
242.83	255.73	BASALT.
255.73		END OF HOLE.



From	To	Description	Sample	From	To	Length x Sul	Au	GW
0.00	22.56	OVERBURDEN						
22.56	61.90	BASALT						

Dark green to pale grey; fine grained with both coarse and very fine grained to aphanitic phases. Massive flows are occasionally flow brecciated with rounded, reaction rimmed fragments. Rocks are non-magnetic with a trace locally. Apart from weak to moderate pervasive chloritization, the rocks are essentially unaltered.

22.56 37.10 Fine - medium grained grey-green massive basalt. Felospar and mafic laths up to 2 mm. Minor carbonate-quartz stringers. Non-magnetic. 35.66 to 35.87 meters : grey-green very fine grained monzonite. Minor chloritic mafics. Sharp contacts.

37.10 40.43 Grey-green fine grained massive glomeroporphyritic flow. White feldspar crystals up to 35 mm, decrease in size and number down section. Grain size decreases down section.

40.43 61.90 Fine grained massive flow, continuation of overlying unit. Scattered white felospar crystals up to 15 mm. Fines to aphanitic base. 41.20 to 41.75 meters : carbonate breccia, angular basalt fragments in a carbonate matrix. 51.05 to 51.25 meters : poorly developed flow breccia. Rounded fragments. 61.15 to 61.75 meters : monzonite along a shear at 10 degrees to the core axis.

61.90	64.15	MONZONITE						

Grey-green to pinkish-green fine grained porphyritic rock. White and pink feldspar up to 8 mm. Phenocrysts generally fractured. Contains less than 5 mm basalt fragments. Biotite noted. Non-magnetic and pervasively carbonatized. 62.87 meters : 15 mm clay-grit seam at 30 degrees to the core axis. 62.89 to 63.09 meters : aphanitic green basalt inclusion. Blocky, highly fractured core throughout.

From	To	Description	Sample	From	To	Length	% Sul	Au	GW
64.15	131.30	BASALT							
		Dark green to pale grey; fine grained with both coarse and very fine grained to aphanitic phases. Finer grained pillowed flows and relatively coarser grained massive flows are found in the section. Vesicular pillowed zones are occasionally found as the uppermost section in otherwise massive flows. Lavas are non-magnetic, locally weakly to moderately magnetic (flow margins, selvages, etc.). This zone contains glomeroporphyritic sections.							
	64.15 70.70	Green fine grained - very fine grained massive flow. Contains rare feldspar phenocrysts up to 12mm. Grades down section to pillowed flow. Carbonate-quartz veinlets with specular hematite.							
	70.70 95.07	Fine grained - aphanitic pillowed flow, continuation of overlying unit. Rare feldspar phenocrysts continue to occur. Selvages well developed with epidote and quartz. Base grades to fine grained massive flow. Minor quartz-carbonate veinlets often with epidote. 78.79 to 79.58 meters : monzonite. Fine grained grey-green - pinkish-green contains biotite and feldspar to 1.5mm. Abundant epidote quartz carbonate veining at top.							
	95.07 125.20	Very fine grained - medium grained grey-green subvolcanic basaltic intrusive. Coarsens rapidly down section. Very rare white feldspar phenocrysts to 25 mm. Base has a sharp intrusive contact but not chilled. Epidote fracture filling. Non-magnetic. Non-reactive to HCl. 106.87 meters : narrow clay-grit seam with limonite at 50 degrees to the core axis. Below 110.80 rock is glomeroporphyritic. White feldspar crystal fragments to 35 mm.							
	125.20 131.30	Very fine grained - aphanitic pillowed flow. Lavas are non-magnetic, locally weakly to moderately magnetic (flow margins, selvages, etc.).							
131.30	132.71	MONZONITE							
		Fine grained grey-green intrusive. 2 mm diameter biotites comprise up to 30% of the rock. Pervasively carbonatized within trace to 1% pyrite as fine disseminations.							
132.71	162.73	BASALT							
			20066	161.80	162.73	.93	TR	.07	.07
		Dark green to pale grey; fine grained with both coarse and very fine grained to aphanitic phases. Flow rocks							

From	To	Description
		are massive with well zoned coarser centres and chilled, brecciated tops. Flows are well structured with vesicular, often angularly brecciated tops and less broken interiors. Rocks are non-magnetic.
132.71	136.20	Green fine grained massive flow. Possible subvolcanic intrusive. Indistinct contacts. Rare feldspar phenocrysts to 15 mm in diameter.
136.20	153.11	Flow top breccia. Angular - rounded fragments, often with chilled margins. Vesicular and variolitic fragments noted. Pinkish-green - grey-green monzonitic intrusives with abundant biotite and pervasive carbonate alteration occur at : 140.73 to 140.80, 144.65 to 144.77, 150.23 to 150.30, 151.90 to 152.00, and 152.21 to 152.37 meters.
153.11	162.73	Fine grained green glomeroporphyritic massive flow. White feldspar to 25 mm. Feldspars are altered pink below 160.00 meters. 1 pervasive carbonate alteration is noted below 160.00 meters, increasing down section. Minor brown dolomitization noted. Abundant carbonate filled tension fractures. Trace pyrite.
162.73	172.51	MAIN MINERALIZED ZONE.
		The zone, based on development of silicification, is composed of only transitional-type alteration. Average pyrite content is thus much less than normal. Minor increases noted in silicified rock. Zone is strongly brecciated with chloritic matrix.
162.73		MCKENNA FAULT PLANE.
162.73	172.51	TRANSITIONALLY SILICIFIED ZONE
		Intensely brecciated with chloritic matrix. Dark green, very fine grained with selective silicification in carbonatized laminations and clasts. Carbonatization is indicated by a cream colouration whereas silicification has a greyer hue. The rock is non-magnetic with a slight trace locally. Silicified rock is reactive to HCl.
162.73	166.68	60% purple green brecciated and silicified rock. Less than 3 mm diameter purple fragments in a green chloritic matrix. Rock has been pulverized. Foliated at 50 degrees to the core axis. Minor leucoxene noted. Pervasive carbonate alteration. 1 to 4% pyrite as disseminations in matrix. 162.73 meters : McKenna Fault plane at 48 degrees to the core axis.

Sample	From	To	Length	% Sul	Au	GW
20067	162.73	163.73	1.00	1-2	4.11	4.11
20068	163.73	164.73	1.00	2-4	2.06	2.06
20069	164.73	165.73	1.00	1-2	.69	.69
20070	165.73	166.68	.95	1-2	1.37	1.30
20071	166.68	167.68	1.00	1-2	.17	.17
20072	167.68	168.68	1.00	2-3	.86	.86
20073	168.68	169.68	1.00	1-2	.69	.69
20074	169.68	170.68	1.00	1-2	.86	.86
20075	170.68	171.68	1.00	1	.69	.69
20076	171.68	172.51	.83	1	1.54	1.28

From	To	Description	Sample	From	To	Length	% Sul	Au	GW
	166.68	172.51 30% grey - purple silicified breccia in chloritic matrix. Intensely foliated chlorite carbonate schist. Silicification decreases down section. Hematitic streak common. Intense pervasive carbonate alteration. Foliation is 55 to 60 degrees to the core axis, locally contorted. Numerous clay coated foliation planes noted. 167.47 meters : narrow clay-grit seam at 52 degrees to the core axis. 171.39 meters : clay-grit seam in ground core.							
172.51	179.23	CHLORITE CARBONATE SCHIST Fine grained green foliated rock. Pervasively carbonatized with wispy carbonate alteration along foliation. Foliation often crenulated. Foliation generally 58 degrees to the core axis. Foliation decreases down section. Epidote fracture filling near base. Locally magnetic, non-magnetic at base. 173.20 to 173.72 meters : fine grained green massive mafic intrusive. Chloritic laths wrap around brown green blebs. Non-magnetic. 174.17 to 175.26 meters : blocky, highly fractured core. Ground core may be fault zone. 0.2 meters lost core. 176.25 meters : possible epidotic selvage.	20077	172.51	173.51	1.00	1-2	.34	.34
			20078	173.51	174.51	1.00	TR-1	nil	nil
			20079	174.51	175.51	1.00	TR-1	nil	nil
			20080	175.51	176.51	1.00	TR-1	.07	.07
			20081	176.51	177.51	1.00	TR-1	nil	nil
			20082	177.51	178.51	1.00	TR-1	nil	nil
			20083	178.51	179.23	.72	TR-1	.07	.05
179.23	200.45	BASALT Pale green to medium grey-green with few dark green phases and usually fine to very fine grained. The rock in this section is composed of massive flow only. No distinct volcanic structures are observed. Rocks are non-magnetic.							
	179.23	197.90 Green fine grained massive basalt. Gradational to overlying unit. Minor foliated zones. Carbonate-quartz stringers common. Foliated base. 179.73 meters : clay-grit seam at 45 degrees to the core axis. 185.03 to 186.08 meters : monzonite. Massive fine grained pink green intrusive. White feldspar crystal fragments impart a vesicular appearance. Weak pervasive carbonate alteration. Non-magnetic. 192.27 meters : clay-grit seam with limonite at 32 degrees to the core axis. 194.68 to 194.82 meters : monzonite as described above. Feldspar crystal fragments noted at top only. 197.62 to 197.90 meters : foliated contact							

From	To	Description	Sample	From	To	Length	% Sul	Au	GW
		zone. Intense pervasive carbonate alteration. Wispy carbonate alteration along contorted foliation.							
	197.90 198.78	Monzonite. Fine grained pinkish-green massive intrusive rock. Chloritic. Non-magnetic. Pink feldspar crystal fragments to 2 mm. 1 to 2% pyrite crystals up to 2 mm.							
	198.78 200.45	Pale green massive basalt. Foliation developed with epidote fracture filling.							
200.45 206.55		DIORITE							
		Grey-green fine - medium grained massive intrusive. Up to 3 mm diameter chloritized mafics in felsic matrix. Non-magnetic. Rare carbonate-quartz stringers. Sharp top contact, blocky, highly fractured core at base.							
206.55 237.45		BASALT							
		Pale green to medium grey-green with few dark green phases and usually fine to very fine grained. The section is dominantly pillowed flows with few relatively coarser grained massive varieties. Pillowed flows exhibit well developed glassy selvages and interiors with well developed vesicles. Flow top breccia is characterized by highly angular clasts and relative uniformity of alteration. Rocks are non-magnetic. Apart from weak to moderate pervasive chloritization, the rocks are essentially unaltered.							
	206.55 209.21	Very fine grained - aphanitic pale green pillowed flow. Selvages well developed.							
	209.21 209.68	Flow contact zone. Foliated flow base with quartz carbonate epidote veining.							
	209.68 216.30	Flow top breccia. Chloritized fragments up to 20 cm at top. Hyaloclastite matrix in upper portion of zone. Graded down section to flow breccia.							
	216.30 237.45	Very fine grained - fine grained massive flow. Continuation of overlying unit. Epidote fracture filling. Rare carbonate-quartz stringers. Chloritic specks at top give vesicular appearance. 234.69 to 235.11 meters: monzonite. Fine grained pinkish-green massive intrusive. Pervasive carbonate alteration. Non-magnetic. Biotite common.							

From	To	Description	Sample	From	To	Length	% Sul	Au	GW
237.45	242.83	MONZONITE Fine grained pinkish-green massive intrusive. Abundant biotite. Chloritized mafics to 2.5 mm in diameter. Pervasive carbonate alteration. Non-magnetic. Contacts at 30 degrees to the core axis.							
242.83	255.73	BASALT Pale green fine grained massive flow. No distinct volcanic structures are observed. Non-magnetic. Quartz-carbonate veinlets increase down section. 246.88 247.25 Fine grained pinkish-green monzonite as described above. Pervasive carbonate alteration, non-magnetic. Contacts at 20 degrees to the core axis. 255.73 END OF HOLE.							