

DIAMOND



42A14SW0134 54 REID

010

REPORT NO: # 54

TOWNSHIP: REID TWP.

WORK PERFORMED FOR:
COMSTATE RESOURCES LTD.

RECORDED HOLDER: SAME AS ABOVE

: OTHER

<u>CLAIM NO.</u>	<u>HOLE NO.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
952140	R-90-03	346.34 M	AUG/90	(1)

NOTES: (1) W 9006.60568, FILED FEBRUARY 8TH, 1991

LUCKY EAGLE MINES LTD.

REID PROPERTY

1990 DIAMOND DRILLING PROJECT

RESULTS

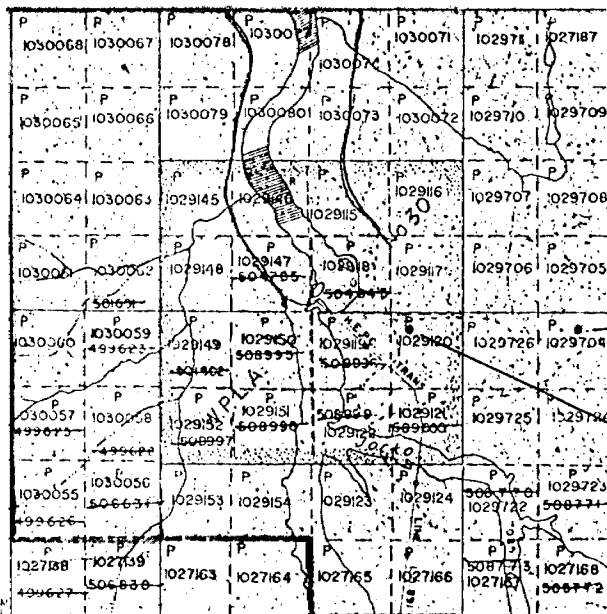
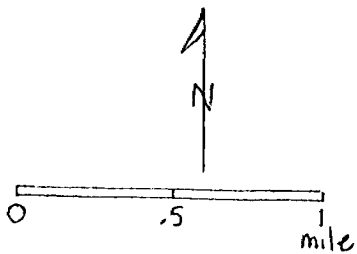
PREPARED BY

W. A. HUBACHECK CONSULTANTS LTD.

D. W. CHRISTIE, B.Sc.

October 10, 1990.

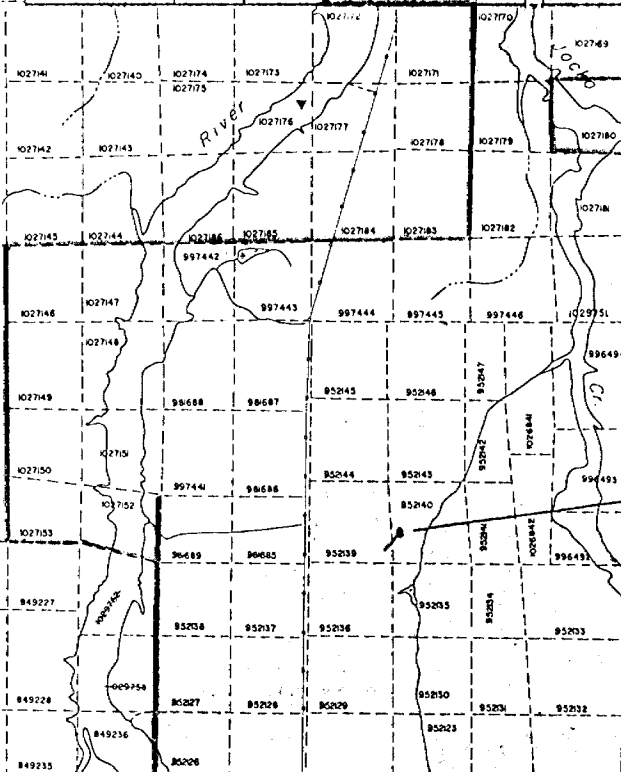
DRILL HOLE LOCATION MAPS



DDH R-90-2

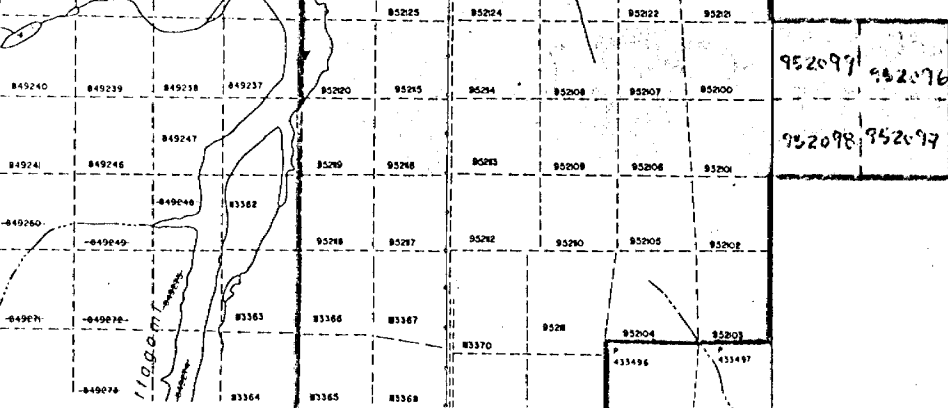
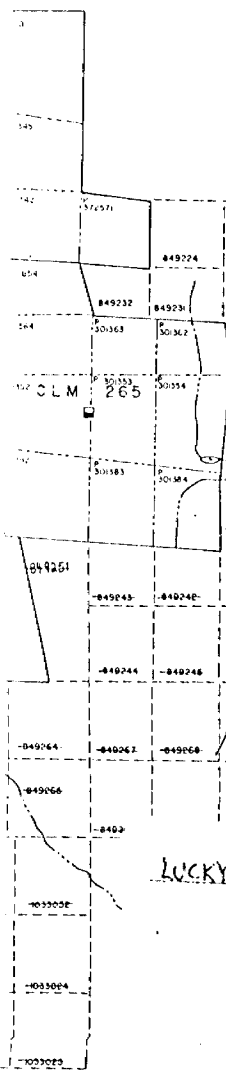
DDH R-90-1

3M MAHAFFEY TWP
REID TWP.



CARNegie TWP

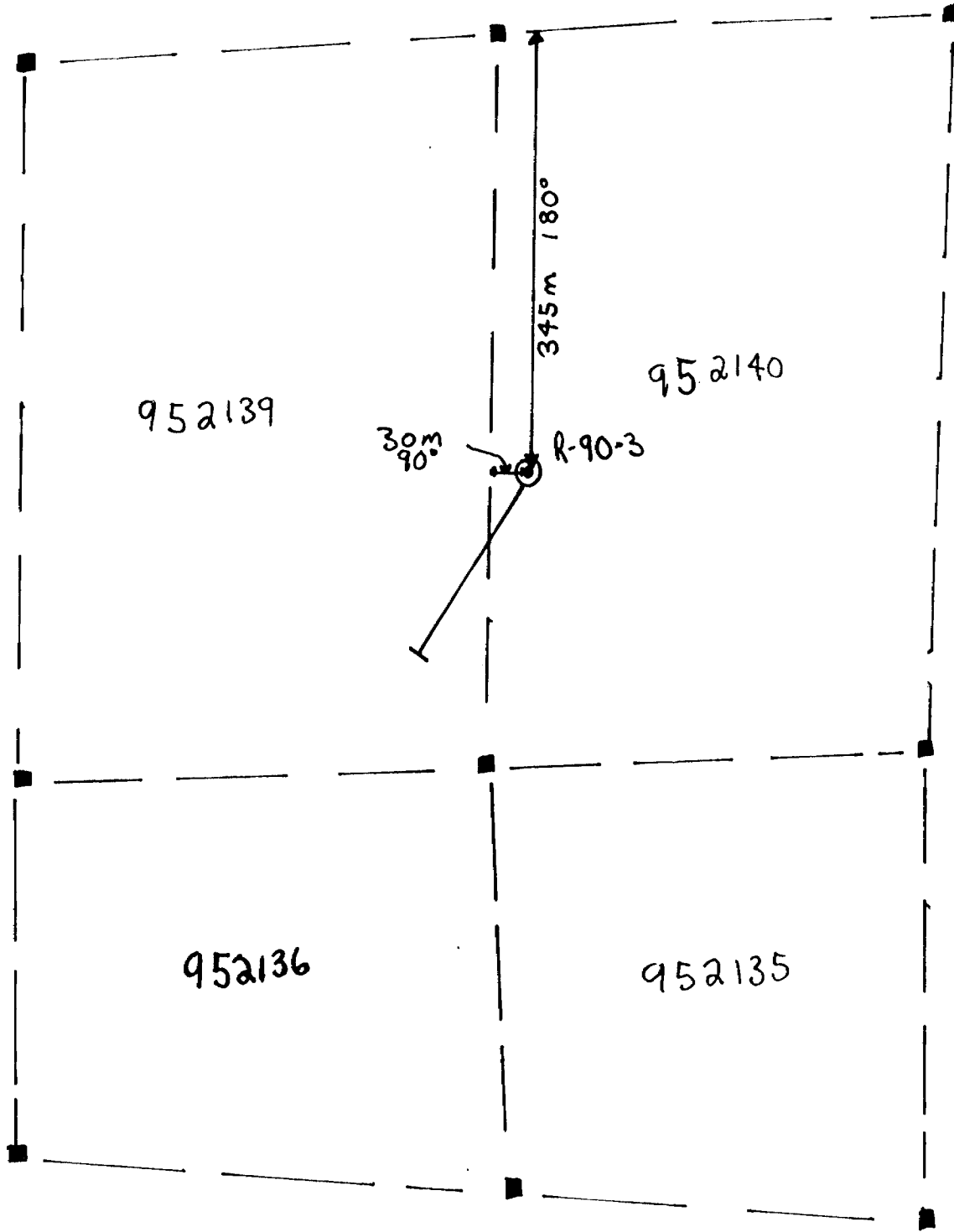
DDH R-90-3



LUCKY EAGLE MINES LTD - REID TOWNSHIP PROPERTY

- PROPERTY OUTLINE/AREA
- CLAIMS TO WHICH ASSESSMENT IS APPLIED

952097 952096
952098 952097

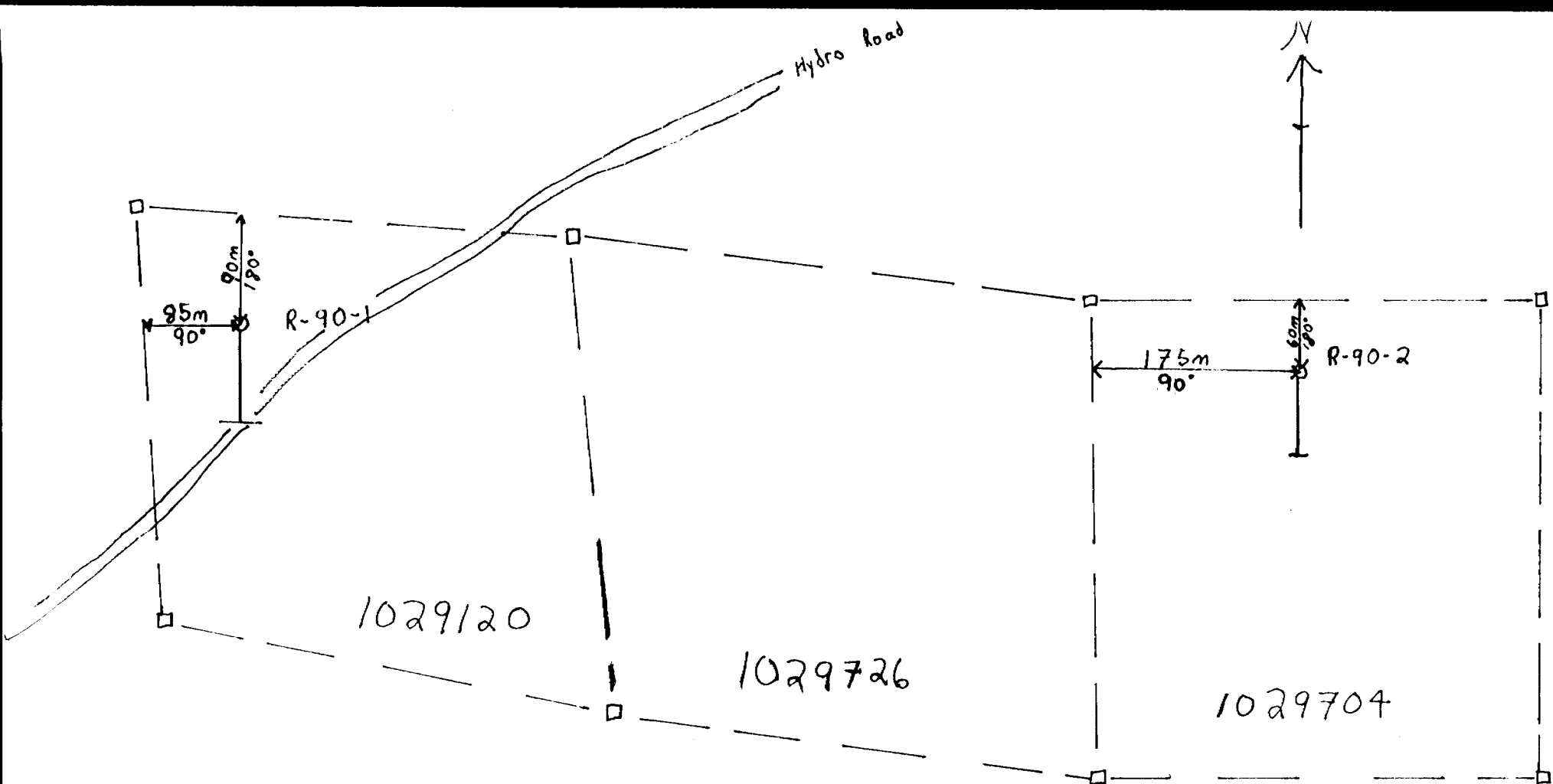


DDH R-90-3
claim 952140
L400E, 200S
Az 212°, Dip -56°
Depth 346.34 metres

W.A. Hubcheck
Lucky Eagle Mines Ltd.
Reid Township Property,
Porcupine Mining District
Reid Township
Hole Location Map
1990 Drilling
1:5000, Oct 1990

DWC.

W.A. Hubcheck Consultants LTD



R-90-1
 L 500E 4185N
 Az 180° Dip -55°
 T.O. 129.85 metres

R-90-2
 L 1400E 4165N
 Az 180° Dip -55°
 T.O. 111.56 metres

David [Signature]

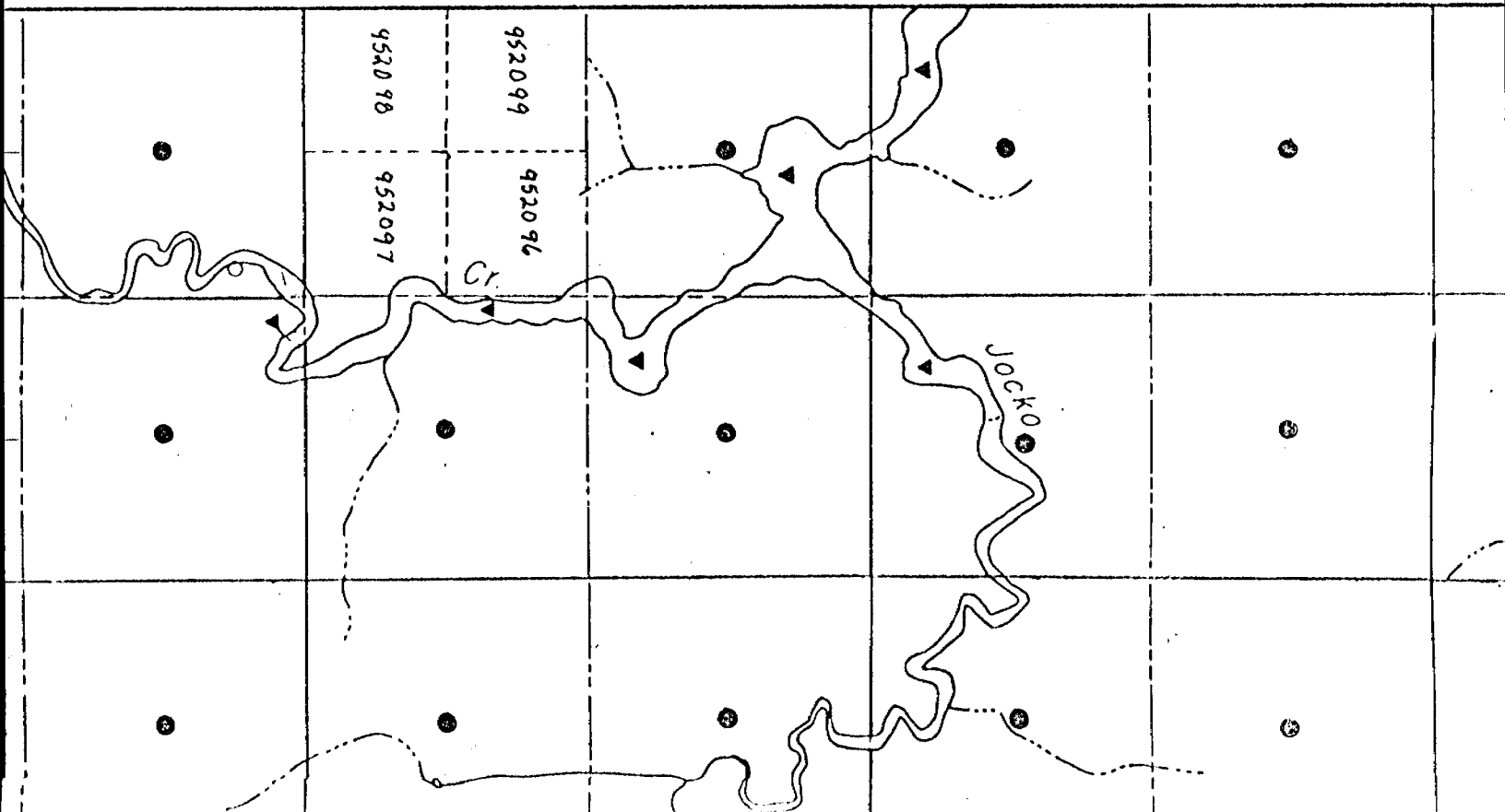
Lucky Eagle Mines Ltd.
 Reid Township Property
 Porcupine Mining District
 Hole Location Map.

1990 Drilling
 1:5000 Oct. 1990

NTS 42-A-1
 W.A. Hupachek Consultants Ltd

CHANCE
TRP.

REID TOWNSHIP



1027901 1027876 1027875

1033728 1033727 1033726 1033193 1033192

P	P	P	P
508219	508218	508213	505065
P	P	P	P
508220	508217	508214	505090
P	P	P	P
508221	508216	508215	505091

MAHAFFY
TWP.

81' ←
← 81'

River

P	P	P	P	P
539935	539934	499662	499661	
P	P	P	P	P
539936	539933	499664	499663	499660
P	P	P	P	P
539937	539932	499666	499665	499662
P	P	P	P	P
987344	987343	987342	987339	987338
P	P	P	P	P
987345	987340	987337	987336	987335
P	P	P	P	P
987346	987341	987338	987337	987336
P	P	P	P	P
987347	987342	987339	987338	987337
P	P	P	P	P
987348	987343	987340	987339	987338
P	P	P	P	P
987349	987344	987341	987340	987339
P	P	P	P	P
987350	987345	987342	987341	987340
P	P	P	P	P
987351	987346	987343	987342	987341
P	P	P	P	P
987352	987347	987344	987343	987342
P	P	P	P	P
987353	987348	987345	987344	987343
P	P	P	P	P
987354	987349	987346	987345	987344
P	P	P	P	P
987355	987350	987347	987346	987345
P	P	P	P	P
987356	987351	987348	987347	987346
P	P	P	P	P
987357	987352	987349	987348	987347
P	P	P	P	P
987358	987353	987350	987349	987348
P	P	P	P	P
987359	987354	987351	987350	987349
P	P	P	P	P
987360	987355	987352	987351	987350

P	P	P	P	P	P	P
1030060	1030067	1030070	1030073	1030074	1029711	1029707
P	P	P	P	P	P	P
1030065	1030066	1030079	1030080	1030073	1030072	1029710
P	P	P	P	P	P	P
1030064	1030066	1029145	1029146	1170309	1029116	1029707
P	P	P	P	P	P	P
1030061	1030062	1170307	1170308	1029115	1170810	1029708
P	P	P	P	P	P	P
1030061	1030062	1029148	1029147	1029118	1029117	1029706
P	P	P	P	P	P	P
1030069	1030069	1029149	1029150	1029119	1029120	1029705
P	P	P	P	P	P	P
1030062	1030068	1029152	1029151	1029121	1029121	1029704
P	P	P	P	P	P	P
1030065	1030066	1029153	1029154	1029122	1029122	1029703
P	P	P	P	P	P	P
1030056	1030056	1170366	1029154	1029123	1029124	1029702
P	P	P	P	P	P	P
1027138	1027139	1027163	1027164	1027165	1027166	1027166
P	P	P	P	P	P	P
1170362	1170363	1170363	1170364	1170365	1170367	1170367

CRAWFORD TP. M. 457



48° 47' 52"

81° 26' 02"

4

3

2

DIAMOND DRILL LOGS

GRAPHIC LOG

LITHOLOGY
STRUCTURE
MINERALIZATION
ALTERATION

DIAMOND DRILL LOG

AGNICO-EAGLE MINES LIMITED

David Christie

PROPERTY RE:ID
 COMMENCED Aug. 14/90
 COMPLETED Aug. 18/90
 OBJECTIVE Conductor H
 and Sturgeon Falls Fault

NTS 42-A-14
 DISTRICT Porcupine District
 TWP /LAT LONG Mahaffy Twp.
 CLAIM 1029120
 CO ORDINATES L500E 4185N

CORE SIZE BQ
 CONTRACTOR Dominik Drilling
 DATE LOGGED Aug. 17/90
 LOGGED BY D.W. Christie
 DDH COMMENTS Water above dam on
 on Mattagami River

SURVEY DEPTH 30.5
 DIP 51°45'
 60.98 50°30'
 121.95 47°15'

Hole No. R-90-1 Page 1 of 4
 COLLAR AZIMUTH 180°
 COLLAR DIP -55°
 ELEVATION
 LENGTH 129.85m

METRES		% REC	LITHOLOGY	DESCRIPTION	SAMPLE No	FROM	TO	TOTAL	% SUL	ASSAYS
0	40.1		Overburden	Casing Removed						
40.1	78.03	95%	Silicified Amygdular Andesite (pillowed?)	<ul style="list-style-type: none"> - dk. to med. green - fn. grained - Silicification throughout, varying in intensity, with some cherty brecciated bands (ie 51.33m) - carbonated within matrix (CaCO₃) strongly except in moderate to strongly silicified bands and pillow selvages. - v. blocky 44.15-46.12 into centimetric and decimetric pieces. - bands of chlorite - CaCO₃ alteration over 1030cm seen throughout. - Amygdules increase in intensity after 53m where they range up to 1cm long (ave 3/4cm) and 5mm wide (Ave 3mm) showing a local 2:1 elongation to foliation. - most amygdules are qtz, altering to CaCO₃ epidote and can be as small as 1mm, with 10% after 53m with bands of concentrations of amygdules. Amygdules often have bleached alteration halos. - between 49-5337 there are round to equigranular grey qtz eyes <3mm up to 25% - CaCO₃ Qtz veinlets 3-5% seen throughout often parallel to foliation. - massive to mildly foliated, with intensified foliation over narrow widths, but less prevalent in silicified amygdular sub-units, and stronger in sericitic chloritic (weak to moderate alteration) sub-units - foliation at 50° to CA at 40.6m, 49m and 58m, lighter green. cherty bands (bleached) possibly silicified pillow selvages, these selvages and areas associated with them often have 5-10% grey qtz. eyes. - tr-1% po, tr cpy, fn (<1mm) diss. and in diss. pods (<3cm wide) often associated with CaCO₃, -Qtz amygdules and veins or within amygdules. 						

DIAMOND DRILL LOG

REID	NTS	CORE SIZE	SURVEY DEPTH	DIP	AZIMUTH	Hole No. R-90-1	2 of 4
PROPERTY	DISTRICT	CONTRACTOR	COLLAR AZIMUTH				
COMMENCED	TWP / LAT LONG	DATE LOGGED	COLLAR DIP				
COMPLETED	CLAIM	LOGGED BY	ELEVATION				
OBJECTIVE	CO ORDINATES	DDH COMMENTS	LENGTH				

FOOTAGE		% REC	LITHO TYPE	DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO	ROD		GEOLOGY (colour, grain size, texture, minerals alteration etc.)	SAMPLE No	FROM	TO	TOTAL	% SUL	Au g/t	Au oz/t
78.03	88.23	85%	Foliated Carbonated Pillowed Andesite	-light green grey, fn. grained -v. strongly carbonated in both matrix and veining and local amygdules (<1cm, ave 3mm, 2%) elongated 2:1 to foliation (locally 10%) - Qtz - CaCO ₃ -Silicified cherty pillow selvages?, with minute (<1mm) qtz eyes and po within them. -pillow selvages often display brecciation, as well as the pillow interior. -several blocky zones, 85.09-85.86m, 86.15-86.37m, and 87.88-88.23m -CaCO ₃ veinlets at many angles (<5mm, 5%) but most commonly parallel to foliation, with local boudinaged sections of coarse grains -foliation moderately developed at 30° to CA at 79m, 50° to CA at 84m, 50° to CA at 88m -tr po, tr cpy, fn. diss in bands and in amygdules as pods of fn. gr. po.	8151	86.37	88.23	1.86	tr	nil	
88.23	90.85	90%	Amygdular interbanded andesite and graphitic tuff carbonated	-grey green light, fn. grained -strongly foliated at 50° to CA with graphitic bands (millimetric) marking the foliation in the andesite -v. strongly carbonated (CaCO ₃) throughout -qtz-CaCO ₃ amygdules elongated 3:1 parallel to foliation varying in size 1mm-1cm, locally 10:1 -qtz CaCO ₃ (grey) veinlets parallel to foliation two types of pyrite, cubic golden coloured coarse to med. grained pyrite (1mm-5mm) and v. fn. grained browner pyrite in bands with graphitic tuff bands, 2% pyrite total. -90.66-90.85m pitted with pyrite and CaCO ₃ pitted out of rock.	8152 8153	88.23 89.30	89.30 90.85	1.07 1.55	1-2%py	nil	
90.85	96.56	90%	Intercalated graphitic tuff and graphitic feldspathic (CaCO ₃) tuff	- dk. grey to black, fn. grained - broken down into the interbedded sub units 90.85-91.14, 91.90-92.05, 93.49-95.72, 95.98-96.56 - black graphitic tuff with coarse nodular pyrite - black, fn. grained	8154 8155 8156 8157	90.85 92.05 93.46 95.0	92.05 93.46 95.0 96.56	1.2 1.41 1.54 1.56	3-5%py	0.04 0.03 0.04 0.05	0.001 0.001 0.001 0.001

DIAMOND DRILL LOG

LITHOLOGY
STRUCTURE
MINERALIZATION
ALTERATION

PROPERTY **REID** NTS CORE SIZE
DISTRICT CONTRACTOR
TWP / LAT / LONG DATE LOGGED
CLAIM LOGGED BY
COORDINATES DDH COMMENTS

SURVEY DEPTH DIP AZIMUTH Hole No. R-90-1 3 of 4
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

FOOTAGE % REC LITHOTYPE DESCRIPTION SAMPLE ASSAYS
FROM TO ROD GEOLOGY (colour, grain size, texture, minerals, alteration, etc.) SAMPLE No FROM TO TOTAL % SUL

96.56	99.0	98%	Carbonated brecciated silicic mudstone	<ul style="list-style-type: none"> -v. strong CaCO₃ veinlet presence (5%) and tension gash veinlets, CaCO₃ vein 93.54-93.74, often parallel to foliation * - 96.32-96.56 graphitic fault gauge -5% botryoidal (nodular) pyrite, with growth rings round to oval in shape, often with tension fractures and brecciation in CaCO₃ veins and CaCO₃ halos around them, (5mm-4cm in length) locally elongated to foliation. 91.14-91.90, 92.05-93.46, 95.72-95.98 graphitic - feldspathic (CaCO₃) tuff. -fn. grained med grained, grey in colour. -granular, sand like texture -strong CaCO₃ tension gash veins usually perpendicular to foliation direction, millimetric and often associated with fn. grained pyrite -foliation at 58° to CA at 90.85m, 55° to CA at 95.72m. -v. fn. grained pyrite, finely diss. 4% cubic (<1mm, max 2mm), v. little botryoidal pyrite, fn. pyrite often in bands as well as diss. with total 5% fn. diss and coarse nodular pyrite. -beige, fn. to v. fn. grained starts very hard, strongly silicic with intense CaCO₃ veining and moderate brecciation and graphitic bands, becomes progressively softer and has increased CaCO₃ alteration. -brecciation of mudstone strong with centimetric fragments with movement and elongation parallel to foliation with graphite and CaCO₃ filling in brecciation voids, first graphite then CaCO₃. -Strong tension gash CaCO₃ veining at 115° to CA cutting foliation, ptymatically folded, CaCO₃ veinlets. -foliation strong at 50° to CA -mild sericite alteration of silica-mudstone fragments fn. to med. grained euhedral to anhedral pyrite up to 5mm (2%) 	8158	96.56	97.60	1.04	2-3%py nil
					8159	97.60	99.0	1.40	2-3%py nil

GRAPHIC LOG

DIAMOND DRILL LOG

AGNICO-EAGLE  MINES LIMITED

LITHOLOGY
STRUCTURE
MINERALIZATION
ALTERATION

PROPERTY	REID	NTS	CORE SIZE
COMMENCED		DISTRICT	CONTRACTOR
COMPLETED		TWP./LAT LONG	DATE LOGGED
OBJECTIVE		CLAIM	LOGGED BY
		COORDINATES	DDH COMMENTS

SURVEY DEPTH	DIP	AZIMUTH	Hole No.	R-90-1	4 of 4
			COLLAR AZIMUTH		
			COLLAR DIP		
			ELEVATION		
			LENGTH		

FOOTAGE		% REC	LITHO TYPE	DESCRIPTION GEOLOGY (colour, grain size, texture, minerals, alteration etc.)
FROM	TO	RQD		

SAMPLE No.	SAMPLE			% SUL	Au g/t	ASSAYS
	FROM	TO	TOTAL			

99.0	121.46	99%	Chlorite sericitic amygdular qtz. eye int. volcanic	<ul style="list-style-type: none"> - yellow-green (light) fn. grained - strong sericitic chlorite alteration, v. soft - strongly carbonated with 10-15% qtz CaCO₃, veinlets, parallel and crosscutting foliation and tensional expansional veinlets. - 5% Qtz-CaCO₃, amygdules, milk white, elongated to foliation 5:1-10:1 (5mm-25mm) - 15-25% qtz CaCO₃, in total with veinlets, bands and amygdules. - strong foliation, millimetric to centimetric banding, often showing compositional banding (CaCO₃/Chl./Ser) - foliation at 60° to CA at 102.41m and 108.51m at 62° to CA at 111.52m, and at 63° to CA at 120.70m - bands of fn. pyrite, cubic (<2mm) 1% 	8160	99	100.50	1.5	1%py	nil
121.46	129.85	99%	Feldspathic- qtz clastic int. tuff (lithic)	<ul style="list-style-type: none"> - light green grey, fn. grained - feldspar and qtz clasts (euhedral to shard like, < 2mm, ave. (mm, all different shapes, well sorted, 5-6%, matrix supported) - sometimes feldspar phenocrysts or clasts are fragmented and brecciated. - CaCO₃, veinlets with altered bleached halos at angles of 20, 30°, and 70° to CA and some parallel to foliation also tensional gash veinlets between (normal to) slightly larger veinlets parallel to foliation. - massive to v. weakly foliated, ie 42° to CA at 124.50m, and 55° to CA at 122m. - tr. pyrite as euhedral cubes (<5mm) seen altered by CaCO₃, (pitted) 						
129.85			E.O.H.							



GRAPHIC LOG

LITHOLOGY
STRUCTURE
MINERALIZATION
ALTERATION

DIAMOND DRILL LOG

David Christie

AGNICO-EAGLE MINES LIMITED

PROPERTY REID NTS 42-A-14 CORE SIZE BQ SURVEY DEPTH 30.5m DIP 54° AZIMUTH Hole No. R-90-2 1 OF 6
 COMMENCED Aug. 18/90 DISTRICT Porcupine CONTRACTOR Dominik Drilling COLLAR AZIMUTH 180°
 COMPLETED Aug. 21/90 TWP./LAT LONG Mahaffy Twp. DATE LOGGED August 26/90 COLLAR DIP -55°
 CLAIM 1029704 LOGGED BY D.W. Christie ELEVATION
 OBJECTIVE HLFM Conductor I and Sturgeon Falls Fault CO ORDINATES L1400E 4165N DDH COMMENTS water to south 300 metres LENGTH 111.56 metres

METRES FROM	TO	% REC RQD	LITHOTYPE	DESCRIPTION GEOLOGY (colour, grain size, texture, minerals, alteration etc.)	SAMPLE				ASSAYS (ppm)					
					SAMPLE No	FROM	TO	TOTAL	% SUL	Au g/t	Cu	Pb	Zn	
0	48.25		Overburden	0-47.31m sand and clay and boulders 47.31-47.55m grind 0.24 metres of boulders 47.55-48.25m. cored boulders of diabase, basalt and andesite casing removed										
48.25	66.23	60%	Chloritic blocky andesite (basalt)	-dk. green, fn. grained-med grained -v. blocky, poor recovery with decimetric to centimetric fragments -salt and pepper texture locally; chl-amph.plag. -pitted due to ground water circulation and weathering out of amphiboles and CaCO ₃ -moderate to strong chlorite alteration, and moderate to weak CaCO ₃ alteration -local CaCO ₃ -qtz veining, mostly parallel to foliation, up to 3cm wide. -foliation moderately developed at 34° to CA at 55.0m, 45° to CA at 60m -tr py in CaCO ₃ veins and fractures.										
66.23	71.70	85%	carbonated (CaCO ₃) andesite (basalt)	-light to dk. green -fn. to med. grained (<2mm) locally porphyritic with plagioclase feldspar <2mm (white) -CaCO ₃ in matrix - strong, CaCO ₃ also in veinlets and pods -5-6% CaCO ₃ veinlets, parallel to foliation and crosscutting at irregular angles -local amygdules of CaCO ₃ , (ie 68.30-68.89m) often pitted or weathered out. -progressive silica-sericite alteration down hole, with a gradual contact and increase in foliation intensity. -tr-1% diss. cubic fn. pyrite -becomes v. fissile at unit end (poker chips) -foliation at 70.0m at 50° to CA 69.90-70.56 metres strongly foliated, v. strongly carbonated mafic volcanic (andesite) -bleached appearance, due to CaCO ₃ alteration	8161	69.58	71.08	1.5	2%py	nil	49	14	106	

GRAPHIC LOG

DIAMOND DRILL LOG

AGNICO-EAGLE MINES LIMITED

LITHOLOGY
STRUCTURE
MINERALIZATION
ALTERATION

PROPERTY	REID	NTS	CORE SIZE
COMMENCED		DISTRICT	CONTRACTOR
COMPLETED		TWP./LAT/LONG	DATE LOGGED
OBJECTIVE		CLAIM	LOGGED BY
		COORDINATES	DDH COMMENTS

SURVEY DEPTH	DIP	AZIMUTH	Hole No.	R-90-2	2 of 6
			COLLAR/AZIMUTH		
			COLLAR/DIP		
			ELEVATION		
			LENGTH		

FOOTAGE		% REC	LITHOLOGY	DESCRIPTION	SAMPLE		ASSAYS									
FROM	TO	ROD		GEOLOGY (colour, grain size, texture, minerals, alteration, etc.)	SAMPLE No	FROM	TO	TOTAL	% SUL	Au g/t	Au oz/t	Cu	Pb	Zn (ppm)		
71.7	75.11	99%	sericitized carbonated (CaCO ₃) rhyolitic fragmental to lapilli tuff	<ul style="list-style-type: none"> -CaCO₃, amygdules -2% py, 1% po, (fn. grained) overgrowths on py, cubic (<3mm) -foliation at 45° to CA. -yellow smoky, grey colour, fn. grained matrix and clast interior. -clasts are milky white rhyolitic composition with elongation to foliation (3,4:1), and clast supported, clasts <3cm, ave. 2cm long, 1/2cm wide -round to sub angular clasts -sericite alteration of fragments along foliation and grain boundaries (yellow sericite) -CaCO₃ alteration of fragment interiors -minor qtz - CaCO₃, veining parallel to foliation and cross cutting at many irregular angles. -foliation well developed at 55° to CA at 73.5 metres -1% po, 1% py, fn. diss. in thin bands, parallel to foliation but discontinuous (<1cm long). 												
75.11	77.80	90%	laminated intermediate tuff	<ul style="list-style-type: none"> -light green and smoky grey, fn. grained -minor coarse fragments of rhyolitic material. -compositional banding of strongly chloritic-sericitic material (green) and white and grey feldspar-qtz bands millimetric to centimetric. -weakly carbonated, locally local qtz. eyes with CaCO₃ alteration on rims and fractures (<2mm, ave <1mm) <1%. -local CaCO₃ veinlets parallel to foliation -foliation at 45° to CA at 76.50m -2% fn. diss. py in v. thin mm bands, parallel to foliation and in dendritic patterns 												
77.80	82.04	90%	foliated carbonated chloritic porphyritic mafic tuff	<ul style="list-style-type: none"> -dark green, fn. grained -fn. gr. except 25% sericitized feldspar porphyries (<2mm, ave. <1mm) subhedral to euhedral -strong CaCO₃ and chlorite banded alteration. -strong foliation giving chloritic/CaCO₃ banding at 45° to 	8162	81.35	83.0	1.65		tr sph	2% py	0.03	0.001	28	11	77

GRAPHIC LOG

DIAMOND DRILL LOG

AGNICO-EAGLE  MINES LIMITED

LITHOLOGY
STRUCTURE
MINERALIZATION
ALTERATION

PROPERTY	REID	NTS	CORE SIZE
COMMENCED		DISTRICT	CONTRACTOR
COMPLETED		TWP / LAT / LONG	DATE LOGGED
OBJECTIVE		CLAIM	LOGGED BY
		CO ORDINATES	DDH COMMENTS

SURVEY DEPTH	DIP	AZIMUTH	Hole No. R-90-2	3 of 6
			COLLAR AZIMUTH	
			COLLAR DIP	
			ELEVATION	
			LENGTH	

FOOTAGE		% REC	LITHO TYPE	DESCRIPTION	SAMPLE No	SAMPLE			ASSAYS		
FROM	TO	ROD				FROM	TO	TOTAL	% SUB	Au g/t	Au oz/t
				CA at 81.08m							
				-CaCO ₃ veinlets at many different angles, also as crackle brecciation.							
82.04	82.22	99%	foliated int-mafic volcanic tuff	-78.03-78.83 strongly broken up into mm-cm fragments -tr pyrite, cubic diss. (<3mm) -grey green, fn. grained -chloritic, strongly carbonated (CaCO ₃) -cherty bands interbedded with int-mafic chloritized carbonated (CaCO ₃) bands -tr. pyrite							
82.22	82.70	99%	bleached rhyolitic tuff	-grey yellow, cherty very fn. grained appearance -grey smoky band on upper section contact -very sharp contacts -moderately well developed foliation at 40° to CA often marked by sericite alteration -some local CaCO ₃ alteration -1-2% fn. diss. pyrite along foliation and fractures							
82.70	89.05	99%	int-mafic lithic tuff	-dk. green to dk. green grey, fn. to v. fn. gr. -at 85.44 becomes greyer as more carbonaceous (graphitic) material mixes with tuffaceous material, also increase in carbonate (CaCO ₃) due to CaCO ₃ (calcite) veining intensity increase to 5% from 2% -qtz shards round to v. angular seen disseminated and in concentrated bands. -qtz-CaCO ₃ amygdules 1-2% (<5mm) round to slightly elongate to foliation (1:2) -qtz-CaCO ₃ veining parallel to foliation and at 135° to CA and pygmatically folded qtz CaCO ₃ and 3mm wide veins at 0° to CA -minor sub units of rock similar to 77.80-82.04m (<10cm) -epidote alteration in silicified zone 85.79-86.0m -foliation moderately strong at 40° to CA at 85.44m and at 40° to CA at 89m	8163	88.30	89.83	1.53	tr-1%py	0.01	0.001

GRAPHIC LOG

DIAMOND DRILL LOG

AGNICO-EAGLE MINES LIMITED

LITHOLOGY
STRUCTURE
MINERALIZATION
ALTERATION

PROPERTY REID
COMMENCED
COMPLETED
OBJECTIVE

NTS
DISTRICT
TWP /LAT LONG
CLAIM
CO ORDINATES

CORE SIZE
CONTRACTOR
DATE LOGGED
LOGGED BY
DDH COMMENTS

SURVEY DEPTH
DIP
AZIMUTH
Hole No. R-90-2 4 of 6
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH

FOOTAGE		% REC	LITHOLOGY	DESCRIPTION (GEOLOGY, (colour, grain size, texture, minerals, alteration, etc.)	SAMPLE No	SAMPLE				ASSAYS				
FROM	TO	ROD				FROM	TO	TOTAL	% SUL	Au g/t	Au oz/t	Cu	(ppm) Pb Zn	
89.05	89.83	95%	Intermediate tuff with thin interbedded bands of argillitic tuff	- tr-1% pyrite in qtz CaCO ₃ veoms and disseminated fn.-med. grained (<3mm) and as smears on foliation planes. - green grey, fn. grained with coarse smokey grey qtz clasts possibly from rhyolitic fragmental found above (younging south?) with CaCO ₃ alteration on rims and fractures. - Clasts are round to oval with elongation to foliation 2:1 - 3:1 and up to 2cm in diameter - pitting of weathered out clasts - augen textures around qtz clasts, especially those which show no elongation. - becomes v. fissile, with graphite on foliation planes - foliation at 45° to CA - 1% pyrite as med. grained cubes (<5mm)										
89.83	90.91	95%	Massive to semi-massive botryoidal pyrite with graphitic infilling	- botryoidal (nodular) pyrite with elongation to foliation up to 3:1 - nodules 1mm-3cm, ave. 2cm, nodules annealed together with 5-6% carbonaceous (graphite - CaCO ₃) overgrowth of fine euhedral pyrite also seen in fractures - broken up over short lengths, blocky - foliation poorly developed at 40° to CA.	8164	89.83	90.91	1.08	90%py	0.36	0.011	129	303	187
90.91	91.67	80%	graphitic tuff with nodular pyrite	- black, v. fn. grained - massive graphite with minor banding of qtz CaCO ₃ , (also fn. diss. pyrite in these sections) - nodular pyrite also has qtz CaCO ₃ associated with them. - strong CaCO ₃ - pyrite nodules elongated 3:1 with foliation (3% pyrite) foliation at 45° to CA., with graphite shear surfaces on foliation planes. - blocky	8165	90.91	91.67	0.76	3%py	0.02	0.001			
91.67	95.31	95%	graphitic argillite	- grey to black, v. fn. grained - finely laminated with compositional banding of graphitic, siliceous, chloritic, sericitic, and qtz-carbonate (CaCO ₃)	8166 8167 8168	91.67 92.67 93.46	92.67 93.46 95.31	1.0 0.79 1.85	1-2%py Nil tr-1%py nil 2% py nil					

DIAMOND DRILL LOG

LITHOLOGY
STRUCTURE
MINERALIZATION
ALTERATION

PROPERTY	REFID	NTS	CORE SIZE
COMMENCED		DISTRICT	CONTRACTOR
COMPLETED		TWP /LAT LONG	DATE LOGGED
OBJECTIVE		CLAIM	LOGGED BY
		CO.ORDINATES	DDH COMMENTS

SURVEY DEPTH	DIP	AZIMUTH	Hole No. R-90-2	5 of 6
			COLLAR AZIMUTH	
			COLLAR DIP	
			ELEVATION	
			LENGTH	

FOOTAGE		% REC	LITHOTYPE	DESCRIPTION	SAMPLE				ASSAYS
FROM	TO	ROD			SAMPLE No	FROM	TO	TOTAL	
				<ul style="list-style-type: none"> - compositions (CaCO₃, altering qtz) - locally carbonated strongly (CaCO₃) - brecciation increases near I. contact as mudstone begins to mix with fn. sed., showing fn. sed. textures (ie slumping) - strongly foliated at 50°-60° to C.A. - 1-2% pyrite diss. cubes (<2mm) also nodules in more graphitic sections 92.84-93.46 metres rhyolitic sericitic tuff - grey to yellow, v. fn. grained - sericitic alteration on foliation planes and as thin (mm) bands - smoky grey unaltered sections - tr. py, fn. gr. diss. 					
95.31	107.85	99%	Brecciated carbonated siliceous mudstone	<ul style="list-style-type: none"> - grey beige colour, vn. fn. grained - fine sediment slump brecciation with qtz CaCO₃, breccia infilling and carbonaceous (graphitic) and brecciated mudstone infilling - fragmentation < 10cm ave. 5cm, with brecciated infill banding up to 3cm wide - some crackle qtz veining - weak foliation at 103 metres at 40° T.C.A. seen in brecciated infill bands, not in fragments although fragments are elongate to foliation - tr. euhedral cubic pyrite (<3mm) 					
107.85	109.05	99%	Intermediate ash tuff	<ul style="list-style-type: none"> - beige grey - fn. grained (<1mm) - equigranular, massive, v. poor foliation - qtz CaCO₃, veining, throughout 3% - amphibole, feldspar, qtz and CaCO₃ makeup - weak foliation at 50° to C.A. - at end of unit foliation has graphitic smears - no V.S. 					

GRAPHIC LOG

DIAMOND DRILL LOG

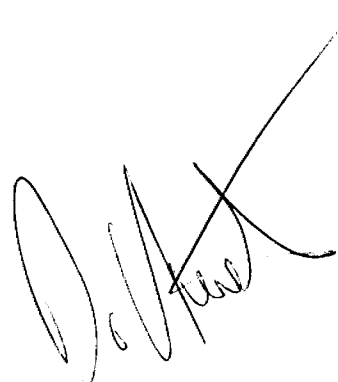
AGNICO-EAGLE  MINES LIMITED

LITHOLOGY
STRUCTURE
MINERALIZATION
ALTERATION

PROPERTY	REID	NTS	CORE SIZE
COMMENCED		DISTRICT	CONTRACTOR
COMPLETED		TWP / LAT / LONG	DATE LOGGED
OBJECTIVE		CLAIM	LOGGED BY
		CO ORDINATES	DDH COMMENTS

SURVEY DEPTH	DIP	AZIMUTH	Hole No.	R-90-2	6 of 6
			COLLAR AZIMUTH		
			COLLAR DIP		
			ELEVATION		
			LENGTH		

FOOTAGE		% REC	LITHO TYPE	DESCRIPTION	SAMPLE				ASSAYS
FROM	TO	RQD		GEOLOGY (colour, grain size, texture, minerals, alteration, etc.)	SAMPLE No	FROM	TO	TOTAL	% SUL
109.05	111.56	99%	fine carbonated sediments (CaCO ₃)	- grey green to black and beige, fn. grained, interbedded argillite, mudstone and other fine sediments and felsic tuffaceous sediments - well foliated and strongly carbonated - strong laminated character - sericite alteration in mudstone and felsic tuffs is moderate - CaCO ₃ veinlets and pods 2-3% - foliation at 55% to CA at 109.60 m, and 50° to CA at 111.56 m - graphitic smears on foliation planes - 1% pyrite as diss. cubes (<3mm) and fn. grained pods (<3mm) - tr po in CaCO ₃ pods					
111.56			E.O.H.						



David Christie

GRAPHIC LOG
LITHOLOGY
STRUCTURE
MINERALIZATION ALTERATION

DIAMOND DRILL LOG

AGNICO-EAGLE MINES LIMITED

PROPERTY *Red*
 COMMENCED *Aug 25, 1990*
 COMPLETED *Aug 27, 1990*
 OBJECTIVE *As - Pb zone (80-D-6) and HLEN "A"*

NTS *A-A-14*
 DISTRICT *Porcupine*
 TWP./LAT LONG *Red Twp*
 CLAIM *952110*
 CO-ORDINATES *2400E 200S*

CORE SIZE *BQ*
 CONTRACTOR *Dominik Drilling*
 DATE LOGGED *Aug 29, 1990*
 LOGGED BY *D.W. Christie*
 DDH COMMENTS *water drain to SE*

SURVEY DEPTH	DIP	AZIMUTH

Hole No. *R-90-3* *8/19/90*
 COLLAR AZIMUTH *-212°*
 COLLAR DIP *-56°*
 ELEVATION
 LENGTH *346.34 metres*

FOOTAGE		% REC	LITHOLOGY	DESCRIPTION GEOLOGY (colour, grain size, texture, minerals, alteration etc.)	SAMPLE No	SAMPLE			% SUL	ASSAYS																											
FROM	TO	REC				FROM	TO	TOTAL																													
<p style="text-align: center;"><i>Downhole Survey Measurements</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Depth</th> <th style="width: 30%;">Dip</th> <th style="width: 40%;">Azimuth</th> </tr> </thead> <tbody> <tr> <td><i>30.5 m</i></td> <td><i>-52° 15'</i></td> <td></td> </tr> <tr> <td><i>91.46 m</i></td> <td><i>-53° 15'</i></td> <td></td> </tr> <tr> <td><i>152.44 m</i></td> <td><i>-53° 15'</i></td> <td></td> </tr> <tr> <td><i>184.45 m</i></td> <td><i>-54°</i></td> <td><i>230.5°</i></td> </tr> <tr> <td><i>213.41 m</i></td> <td><i>-54° 30'</i></td> <td></td> </tr> <tr> <td><i>274.39 m</i></td> <td><i>-54°</i></td> <td></td> </tr> <tr> <td><i>335.37 m</i></td> <td><i>-50°</i></td> <td></td> </tr> <tr> <td><i>346.34</i></td> <td><i>-51°</i></td> <td><i>240°</i></td> </tr> </tbody> </table>											Depth	Dip	Azimuth	<i>30.5 m</i>	<i>-52° 15'</i>		<i>91.46 m</i>	<i>-53° 15'</i>		<i>152.44 m</i>	<i>-53° 15'</i>		<i>184.45 m</i>	<i>-54°</i>	<i>230.5°</i>	<i>213.41 m</i>	<i>-54° 30'</i>		<i>274.39 m</i>	<i>-54°</i>		<i>335.37 m</i>	<i>-50°</i>		<i>346.34</i>	<i>-51°</i>	<i>240°</i>
Depth	Dip	Azimuth																																			
<i>30.5 m</i>	<i>-52° 15'</i>																																				
<i>91.46 m</i>	<i>-53° 15'</i>																																				
<i>152.44 m</i>	<i>-53° 15'</i>																																				
<i>184.45 m</i>	<i>-54°</i>	<i>230.5°</i>																																			
<i>213.41 m</i>	<i>-54° 30'</i>																																				
<i>274.39 m</i>	<i>-54°</i>																																				
<i>335.37 m</i>	<i>-50°</i>																																				
<i>346.34</i>	<i>-51°</i>	<i>240°</i>																																			

DIAMOND DRILL LOG

LITHOLOGY
STRUCTURE
MINERALIZATION
ALTERATION

NTS 42-A-14 CORE SIZE BQ
 DISTRICT Porcupine CONTRACTOR Dominik
 TWP./LAT LONG Reid Twp. DATE LOGGED Aug. 29, 1990
 CLAIM 95 5140 LOGGED BY D.W. Christie
 CO-ORDINATES L 400E 200S DDH COMMENTS water 200m to S.E.

SURVEY DEPTH
DIP
AZIMUTH

Hole No. P-40-3 Rd 16
 COLLAR AZIMUTH 212°
 COLLAR DIP 56°
 ELEVATION
 LENGTH 316.31 meters

PROPERTY Reid
 COMMENCED Aug 25, 1990
 COMPLETED Aug 27, 1990
 OBJECTIVE As - Au - com (800 g) and HLLH "A"

FOOTAGE		% REC	LITHOLOGY	DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO			GEOLOGY (colour, grain size, texture, minerals, alteration etc)	SAMPLE No	FROM	TO	TOTAL	% SUL					
0	12.68		Overburden	- casing removed.										
12.68	42.81	99%	Coarse mafic-chloritic flow	- dk green, c. grained amphiboles, altered to mafic-chloritic chl. - mildly magnetite, fr. pyrite, moderate chlorite alteration, sharp contact, possibly a boulder lying flush with unit below. Intersected this rock thin into rock type below in second piece of core.										
42.81	65.46	99%	Lapilli-Ash Rhyolitic Tuff silicified	- yellow dk.-mod. grey colour, fr. grained matrix with lapilli sized clasts < 2mm up to 64mm, also rare bombs (> 64mm). - 60-80% clasts (fragments), angular to sub rounded, poorly sorted, locally clast supported, majority being matrix supported. - clasts are of rhyolitic composition (creamy white color) ± qtz eyes (< 2mm) of grey smoky qtz, also minor cherty grey clasts, majority being rhyolitic silicified matrix - moderate elongation of clasts to foliation (3:1), with some clasts showing prograde deformation parallel to elongation direction, while others show	8289	42.81	44.50	1.61	tr py	Nil	0.1	6	12	135
					8290	44.50	46	1.50	tr py	Nil	0.1	9	7	112
					8291	46	47.50	1.50	tr py	Nil	0.1	8	7	140
					8292	47.50	49	1.50	tr py	Nil	0.1	7	15	165
					8293	49	50.50	1.5	tr py	0.02/Nil	0.1	7	6	129
					8294	50.50	52	1.5	tr py	Nil	0.1	6	8	95
					8295	52	53.50	1.5	tr py	Nil	0.1	8	10	98
					8296	53.50	55	1.5	tr py	Nil	0.1	7	6	111
					8297	55	56.50	1.5	tr py	Nil	0.1	7	9	156
					8298	56.50	58	1.5	tr py	Nil	0.1	7	6	143
					8299	58	59.50	1.5	tr py	Nil	0.2	5	10	124
					8300	59.50	61	1.5	tr py	Nil	0.1	6	4	155
					8301	61	62.50	1.5	tr py	Nil	0.1	5	8	85

DIAMOND DRILL LOG

LITHOLOGY
STRUCTURE
MINERALIZATION
ALTERATION

PROPERTY **Reid**
 COMMENCED
 COMPLETED
 OBJECTIVE

NTS
 DISTRICT
 TWP /LAT LONG
 CLAIM
 CO-ORDINATES

CORE SIZE
 CONTRACTOR
 DATE LOGGED
 LOGGED BY **D.W. Christie**
 DDH COMMENTS

SURVEY DEPTH
 DIP
 AZIMUTH

Hole No. **R-90-3** *Py 3 of 6*
 COLLAR AZIMUTH **212°**
 COLLAR DIP **-56°**
 ELEVATION
 LENGTH **316.31 metres**

FOOTAGE		% REC	LITHOLOGY	DESCRIPTION	SAMPLE No	SAMPLE				ASSAYS (ppm)				
FROM	TO	REC				FROM	TO	TOTAL	% SUL	Au	Ag	Cu	Pb	Zn
				foliation of a previous deformation episode. - weak sericite alteration halos around porphyroclasts - rusty staining in matrix of some sections - feldspar porphyroclasts, euhedral-anhedra (3-5%) - tr. py., tr. po., finely diss. and in part (4cm) - foliation at 40° to CA at 59m, 40° to CA at 49.8cm 50° to CA at 62.79m, 35° to CA at 65.46m - fission fragments (< 3cm) overlain 4.5m thick.	8302	62.50	64	1.5	tr-1%py	0.01	0.1	7	9	22
					8303	64	65.46	1.46	tr-py	Nil	0.1	8	7	186
65.46	69.90	99%	sericitized carbonated (CaCO ₃) phyllitic lapilli Tuff schist (fault zone)	- green yellow, fn. grained matrix - clasts (1mm-3cm Ave 5mm), majority matrix supported, locally clast supported with elongation of clasts up to 10:1 (Ave 5:1) - Grey Qtz-CaCO ₃ veins (4cm) parallel to foliation, 10%; CaCO ₃ altering Qtz - white Qtz-CaCO ₃ veins crosscutting foliation - gradual contacts, increased sericite alteration towards the fault gouge at 68.55-68.81m also clasts show stronger elongation in proximity to the fault gouge. - U. Strong sericite alteration, continuous ones located, clasts are sericitized - kaolinized (white) - well foliated at 25° to CA.	8170	65.46	67	1.54	tr-py 4% tr-po	0.02	0.1	12	11	129
					8171	67	68.50	1.5	tr-1%py tr-1%tr-po	0.03	0.1	20	20	185
					8172	68.50	69.90	1.71	tr-po	0.03	0.1	8	22	127

DIAMOND DRILL LOG

LITHOLOGY
STRUCTURE
MINERALIZATION
ALTERATION


PROPERTY Road
COMMENCED
COMPLETED
OBJECTIVE

NTS
DISTRICT
TWP /LAT LONG
CLAIM
CO-ORDINATES

CORE SIZE
CONTRACTOR
DATE LOGGED
LOGGED BY D.G. Christie
DDH COMMENTS

SURVEY DEPTH
DIP
AZIMUTH

Hole No. R-903 py Ag 16
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH 346.34 metres

FOOTAGE		% REC	LITHOLOGY	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration etc.)	SAMPLE No	SAMPLE			% SUL	ASSAYS				
FROM	TO	REC				FROM	TO	TOTAL		Ag/g	Ag	Ca	Fe	Zn
64.90	98.71	99%	lapilli-bomb rhyolitic (fragmented) (tuff)	- 1% po, 1% py in Qtz, - calc. veins and finely diss. - Qtz. eyes (1-2%) grey (2mm) seen throughout. - dk grey, fn.-med. grained matrix - strongly silicified throughout - v. similar to 42.92 - 65.46m except more bomb sized fragments/clasts - ash tuff, and like tuff sections with 10% Qtz. slabs, over 1 metre - clasts of rhyolite (cherty creamy white) with or without Qtz. eyes, often have grey Qtz. inner rims (cherty halos) often with po, py associated.  - ch. alteration bands sometimes rimming larger clasts, also local bleaching of clast edges. - fr-1% po, 1% py, minor Qtz-calc. alteration and veining, grey Qtz. veins and veining grey Qtz. veinlets and white calc. veinlets filling fractures. - 95.06 - 97.74m pyrrhotite as fn. diss, and in pods and bands parallel to foliation also increased calc. alteration often associated with	8173	69.90	71.40	1.5	1% po	0.01	0.2	14	14	133
					8174	71.40	72.90	1.5	fr-1% po	Nil	0.1	11	10	93
					8175	72.90	74.40	1.5	fr-1% po	Nil	0.1	22	4	183
					8304	74.90	75.70	1.3	fr-1% po	Nil	0.1	9	6	104
					8305	75.70	77	1.3	1% po	Nil	0.1	11	5	107
					8306	77	78.50	1.5	fr-1% po	Nil	0.1	12	5	98
					8307	78.50	80	1.5	fr-1% po	Nil	0.2	12	5	102
					8308	80	81.50	1.5	1% po	Nil	0.1	12	5	104
					8309	81.50	83	1.5	fr-1% po	Nil	0.1	13	7	105
					8310	83	84.50	1.5	fr-1% po	Nil	0.1	10	7	102
					8311	84.50	86	1.5	fr-1% po	Nil	0.5	10	5	127
					8312	86	87.50	1.5	fr-1% po	Nil	0.2	14	8	143
					8313	87.50	89	1.5	fr-1% po	Nil	0.1	16	5	84
					8314	89	90.50	1.5	fr-1% po	Nil	0.1	13	7	76
					8315	90.50	92	1.5	1% po	Nil	0.1	11	8	83
					8316	92	93.50	1.5	1% po	Nil	0.1	8	5	71
					8317	93.50	95.06	1.56	fr-1% po	Nil	0.1	11	6	95
					8176	95.06	96.50	1.44	fr-1% po	Nil	0.1	25	8	141
					8177	96.50	97.55	1.05	fr-1% po	Nil	0.1	15	4	101

DIAMOND DRILL LOG

LITHOLOGY
STRUCTURE
MINERALIZATION
ALTERATION

PROPERTY *Red*
COMMENCED
COMPLETED
OBJECTIVE

NTS
DISTRICT
TWP./LAT LONG
CLAIM
CO-ORDINATES

CORE SIZE
CONTRACTOR
DATE LOGGED
LOGGED BY *D. W. Christie*
DDH COMMENTS

SURVEY DEPTH
DIP
AZIMUTH

Hole No. *R-90-3 py 5/11*
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH *346.34 metres*

FOOTAGE
FROM TO
% REC
AOD

LITHOTYPE

DESCRIPTION

GEOLOGY (colour, grain size, texture, minerals, alteration etc.)

SAMPLE

SAMPLE No

FROM

TO

TOTAL

% SUL

ASSAYS

Ag

Ag

Cu

Pb

Zn

98.74

101.90

99%

Carbonated
silicified
(bleached)
Pillow Andesite

po. pods
- At 69.90 10190 pod of pyroxenite.
- weak to moderately developed foliation, as
blast elongation (2:1 - 10:1) when present
(blasts angular to weakly rounded).
- foliation at 30° to CA at 75m, 35° to CA
at 85m, 40° to CA at 90.5m.
- light grey green; Fm. grained.
- mottled dark/light bleaching, varying in
intensity.
- Strong CaCO₃ alteration introduces tectonic
breccia bands (24cm wide), amygdules (1-2%)
and as CaCO₃ bladders radiating crystal growth.
overall 15% CaCO₃ alteration.
- otherwise rock is v. hard with strong qtz
content (silicification often to CaCO₃ alteration) - bleaching
- tectonic breccia bands with CaCO₃ rock flour
matrix, matrix supported (30%) and as SiO₂ rock flour
in bleached areas and in pillow selvages, fractures
usually parallel to weak silification.
- white CaCO₃ venules and grey qtz. Ucnlets at many

8178

97.55

98.74

1.19

127%

Nil

0.1

18

3

129

8179

98.74

100

1.26

127%

Nil

0.1

15

1

217

8180

100

101.50

1.5

127%

Nil

0.1

57

2

205

8181

101.50

103.21

1.71

127%

Nil

0.1

83

2

194

GRAPHIC LOG

LITHOLOGY

STRUCTURE

MINERALIZATION ALTERATION

DIAMOND DRILL LOG

AGNICO-EAGLE MINES LIMITED

PROPERTY Raid
 COMMENCED
 COMPLETED
 OBJECTIVE

NTS
 DISTRICT
 TWP./LAT. LONG
 CLAIM
 CO-ORDINATES

CORE SIZE
 CONTRACTOR
 DATE LOGGED
 LOGGED BY
 DDH COMMENTS

SURVEY DEPTH
 DIP
 AZIMUTH

Hole No. R-90-3 pg 6 of 10
 COLLAR AZIMUTH
 COLLAR DIP
 ELEVATION
 LENGTH 346.34 metres

FOOTAGE		% REC	LITHOTYPE	DESCRIPTION GEOLOGY (colour, grain size, texture, minerals, alteration etc.)	SAMPLE No	SAMPLE			ASSAYS		
FROM	TO	REC				FROM	TO	TOTAL	% SUL		
				<p>angry, near 135m, many Qtz-CaCO₃ veinlets parallel to CA - Strongest bleaching in clayey areas - often vesicular at pillow selvages, not in them but adjacent to them (ie 135.70m) vesicles 3mm round white. - only pillow remnants, not possible to get up direction. - 4r-1% py. in CaCO₃ breccias and veinlets, also green chl. alteration in these areas - upper contact to 103.5m shows good foliation 1-2% py. in CaCO₃ veinlets parallel to foliation. Fr. diss. and coarse pads (6cm), also contact zone shows strong green chl. alteration and sericite. - foliation at 99.37m at 30° T.C.A. and at 88° T.C.A. at 103m, remainder of unit shows poor foliation seen by weak chl. ser. - CaCO₃ veins at 45° T.C.A. at 107m, 35° T.C.A. at 161m. - increase in CaCO₃ amygdalae (4cm) in last 10m, also increase in percent of bands of vesicles. - 137.13 - 137.85 metres white Qtz. vein with CaCO₃ alteration and chl. - sericite alteration with foliation at 5° to 10° T.C.A. adjacent to vein. - 4r py, 1r pa in wall rock.</p>							

GRAPHIC LOG

DIAMOND DRILL LOG

AGNICO-EAGLE MINES LIMITED

LITHOLOGY
STRUCTURE
MINERALIZATION
ALTERATION

PROPERTY *Road*
 COMMENCED
 COMPLETED
 OBJECTIVE

NTS
 DISTRICT
 TWP /LAT. LONG
 CLAIM
 CO-ORDINATES

CORE SIZE
 CONTRACTOR
 DATE LOGGED
 LOGGED BY *D.W. Christie*
 DDH COMMENTS

SURVEY DEPTH
 DIP
 AZIMUTH

Hole No. *R-903* *dy* *7/16*
 COLLAR AZIMUTH
 COLLAR DIP
 ELEVATION
 LENGTH *346.34 meters*

FOOTAGE		% REC	LITHOLOGY	DESCRIPTION	SAMPLE				ASSAYS
FROM	TO	REC		GEOLOGY (colour, grain size, texture, minerals, alteration etc.)	SAMPLE No	FROM	TO	TOTAL	% SUL
161.46	162.9	99%	Carb.-chl. Matrix volcanic Biotite (Hydrochlorite)	-dk green. - angular - sub. rounded centimetric (<3cm) fragments of andesite in a green chloritic matrix, matrix supported but locally fragment supported. - very strongly carbonated (CaCO ₃), both matrix fragments - fragments show elongation to foliation (D:1-3:1) with foliation at 27° to 30° to C.A. - Qtz-CaCO ₃ vein (3/4 cm) at 160 to C.A. - no V.S.					
162.9	175.91	99%	Amygduloidal Carbonated Andesite	- dk green, silicified carb matrix, fr. gr. - 3-5% CaCO ₃ , CaCO ₃ -Qtz. and green chlorite amygdulose with ill elongation parallel to weak foliation of some amygdulose, chloritic & CaCO ₃ in composition. - random CaCO ₃ veinlets - bleached bands locally (<10cm), weak epidote alteration of Qtz-CaCO ₃ veins - bleached halos around veins - weak foliation at 30° to C.A. at 161m, 33° to C.A. at 173m - Qtz and Qtz-CaCO ₃ amygdulose for first 3/4 of unit with chl (<3mm) coming in last 1/4 and smaller but more numerous, fr. pr.					

DIAMOND DRILL LOG

LITHOLOGY
STRUCTURE
MINERALIZATION
ALTERATIONPROPERTY *Reso*
COMMENCED
COMPLETED
OBJECTIVENTS
DISTRICT
TWP /LAT LONG
CLAIM
CO-ORDINATESCORE SIZE
CONTRACTOR
DATE LOGGED
LOGGED BY *D.W. Christie*
DDH COMMENTSSURVEY DEPTH
DIP
AZIMUTHHole No. *R-3 N 51/6*
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH *346.31 metres*

FOOTAGE		% REC	LITHOTYPE	DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO	ROD			GEOLOGY (colour, grain size, texture, minerals, alteration etc.)	SAMPLE No	FROM	TO	TOTAL	% SUL	Ni/g	Ag	Cu (ppm)	Pb
175.71	214	95%	Altered Mafic Volcanics and Qtz-Calc veining	- grey green, light to dark - alteration includes sericitic, chlorite (both black and green), silica, and Calc with varying intensities of each - White to mildly grey qtz. veining makes up 20-25% of rock, qtz veining always has Calc within it, sometimes with chl-ser. altered volcanics as wisps and pods within it. - highest degree of qtz-Calc veining and chl-ser alteration lies in two areas: 191.05-195.40m and 205.47-214m (which is the most spectacular) - many smaller Calc veins and veinlets (8%) often parallel to foliation. - In the two highly altered areas the rock has a compositionally banded appearance, with buff (sericite) and dk green (chlorite) and gross green (chlorite) bands decimetric to centimetric, with these bands showing crenulations, and crenulation cleavage locally with foliation of the bands at 10° to CA, and crenulation cleavage at 35° in opposite direction, but not penetrative over most bands.	8182	175.91	177.50	1.59	tr po	Nil	0.3	7	1	166
					8183	177.50	179.0	1.5	tr po	Nil	0.1	20	1	140
					8184	179	180.5	1.5	tr po	Nil	0.1	19	1	147
					8185	180.5	182.00	1.7	tr po	0.01	0.1	18	1	129
					8186	182.00	183.70	1.5	tr po	Nil	0.1	23	3	104
					8187	183.70	185.00	1.5	tr po	0.01	0.1	19	1	89
					8188	185.00	186.70	1.5	tr po	Nil	0.1	17	1	90
					8189	186.70	188.00	1.5	tr po	Nil	0.1	20	1	100
					8190	188.00	189.70	1.5	tr po	Nil	0.1	69	5	23
					8191	189.70	191.05	1.35	tr po	0.0	0.3	46	3	151
					8192	191.05	192.35	1.3	tr po	0.01	0.2	32	1	109
					8193	192.35	194	1.65	tr po	Nil	0.1	47	1	77
					8194	194	195.40	1.4	tr po	Nil	0.1	10	1	70
					8195	195.40	196.90	1.5	tr po	Nil	0.1	4	1	75
					8196	196.90	198.50	1.6	tr po	Nil	0.1	19	7	109
					8197	198.50	200	1.5	tr po	Nil	0.1	20	1	92
					8198	200	201.50	1.5	tr po	Nil	0.1	13	1	110
					8199	201.5	203	1.5	tr po	Nil	0.1	25	1	95
					2000	203	204.50	1.5	tr po	0.01	0.1	6	1	129
					2001	204.5	205.47	0.97	tr po	Nil	0.1	10	1	112
					2002	205.47	206.70	1.31	tr po	Nil	0.1	2	1	60
					2003	206.70	208.40	1.54	tr po	0.0	0.1	1	1	130

GRAPHIC LOG

LITHOLOGY

STRUCTURE

MINERALIZATION ALTERATION

DIAMOND DRILL LOG

AGNICO-EAGLE MINES LIMITED

PROPERTY Reid
 COMMENCED
 COMPLETED
 OBJECTIVE

NTS
 DISTRICT
 TWP./LAT. LONG.
 CLAIM
 CO-ORDINATES

CORE SIZE
 CONTRACTOR
 DATE LOGGED
 LOGGED BY D.W. Christie
 DDH COMMENTS

SURVEY DEPTH
 DIP
 AZIMUTH

Hole No. R-90-3 p79 of 16
 COLLAR AZIMUTH
 COLLAR DIP
 ELEVATION
 LENGTH 396.34 metres

FOOTAGE		% REC	LITHOTYPE	DESCRIPTION GEOLOGY (colour, grain size, texture, minerals alteration etc.)	SAMPLE No	SAMPLE		TOTAL	% SUL	ASSAYS				
FROM	TO	ROD				FROM	TO			Au g/t	Ag	Cu	Pb	Zn
			Subunits	175.91-177.10, 179.62-179.79, 180.94-181.23, 181.66-182.11, 188.90-189.45, 191.05-191.52, 194.40-195.40, 197.30-197.87, 198.18-198.35, 199-199.42, 205.47-206.86, 207.06-207.44, 208.97-209.76, 210.17-210.45, 211.79-212.85, 213.40-214 metres.	8204	208.90	209.76	1.36	tr py	11.1	0.1	1	1	96
				Qtz - CaCO ₃ veins with black and green chlorite-sericite inclusions - also tr. py. on fractures as thin cuboidal cubes (<1mm) and diss. in greyer Qtz veins; - po. tr-1% as pods (eg 188.90-189.45m) tr cpy in <3mm pods. as with po, py.	8205	209.76	211.25	1.49	tr py	6.03	0.1	3	2	85
				192.35-194.40, 209.76-214 metres. - severely altered Qtz - CaCO ₃ -sericite - black & green chlorite matrix volcanics. & blocky. 212.85-213.40 metres.	8206	211.25	212.50	1.25	tr po	0.02	0.1	4	2	78
				177.10-191.05, 199.42-205.47 metres areas of weaker alteration - CaCO ₃ + Qtz amygdaloids elongated 3:1 with foliation (<4mm) - more CaCO ₃ in matrix due to loss selected, (loss of py veins) although moderately strong ch. alteration.	8207	212.50	214.00	1.5	tr 7% po	Nil	0.1	4	3	57

GRAPHIC LOG

LITHOLOGY

STRUCTURE

MINERALIZATION ALTERATION

DIAMOND DRILL LOG

AGNICO-EAGLE MINES LIMITED

PROPERTY *Pond*
 COMMENCED
 COMPLETED
 OBJECTIVE

NTS
 DISTRICT
 TWP./LAT. LONG.
 CLAIM
 CO-ORDINATES

CORE SIZE
 CONTRACTOR
 DATE LOGGED
 LOGGED BY *D. W. Christie*
 DDH COMMENTS

SURVEY DEPTH
 DIP
 AZIMUTH

Hole No. *R-90-3 p/10/10*
 COLLAR AZIMUTH
 COLLAR DIP
 ELEVATION
 LENGTH *346.34 metres*

FOOTAGE		% REC	LITHOTYPE	DESCRIPTION	SAMPLE No	SAMPLE			% SUL	ASSAYS				
FROM	TO	RQD				FROM	TO	TOTAL		Ag	Ag	Ag	Pb	Zn
214	235.5	99%	Amygduleoidal matic Volcanic (Andesite)	<ul style="list-style-type: none"> minor bands of blocky silicified rock (decimeter) foliation found to be 35° to CA at 184m, 30° to CA at 184m, 30° to CA at 193.50m, 23° to CA at 101m, and 35° to CA at 208.70m grey green (light to dark), fine grained, strongly carbonated (CaCO₃). amygdulae 1mm - 2cm, avg 5mm, mostly CaCO₃, some chlorite and locally absent altogether. 214 - 215.91 metres, tectonic breccia with strong CaCO₃ alteration, fragment supported, with locally matrix supported fragments, elongated parallel to foliation 3:1 - 5:1 (often more similar zones) foliation poorly to strongly developed at 214 to CA at 214.40m. silicified fractures often parallel to foliation with blocky halos. centimetric brecciation bands with silicification and/or carbonatization. 226.90 - 230.80 brecciated, amygdular andesite with weaker moderate carbonatization (CaCO₃), elongated, fragments with foliation at 30° to CA, minor CaCO₃ veining "Pb" fr - 1% ±, tri.py. in CaCO₃ veinlets and on fractures 5mm ±. 	8208	232.42	233.8	1.38	1-2% Pb 18% Ag 1% Pb 1% Ag	0.1	0.1	28	1	131
					8209	233.80	235.5	1.7	Nil	0.1	25	1	106	

GRAPHIC LOG

DIAMOND DRILL LOG

AGNICO-EAGLE MINES LIMITED

LITHOLOGY
STRUCTURE
MINERALIZATION
ALTERATION

PROPERTY *Raid*
COMMENCED
COMPLETED
OBJECTIVE

NTS
DISTRICT
TWP./LAT. LONG
CLAIM
CO-ORDINATES

CORE SIZE
CONTRACTOR
DATE LOGGED
LOGGED BY *D.W. Christie*
DDH COMMENTS

SURVEY DEPTH
DIP
AZIMUTH

Hole No. *R-96-3pg 11 of 16*
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH *346.34 metres*

FOOTAGE		% REC	LITHOTYPE	DESCRIPTION	SAMPLE		ASSAYS							
FROM	TO	RQD		GEOLOGY: (colour, grain size, texture, minerals, alteration etc.)	SAMPLE No	FROM	TO	TOTAL	% SUL	Ag	Ca	Pb	Zn	
235.50	236.94	99%	banded altered Andesite	grey green, fn. grained - compositional banding of chloritic bands, silicified bleached bands, CaO ₃ vein bands, and brecciated cherty bands, centimetric to millimetric - brecciated bands are clast supported with elongation to foliation. - foliation strong at 36° to CA. - many fractures with Qtz or Qtz-CaO ₃ fillings - 1-1.5% po in fractures and CaO ₃ veins - CaO ₃ veins (<5mm) at 110° to CA. - 136.27-236.94 m, Qtz-CaO ₃ veins with 6-8% po, 1-2% py, 1-2% py.	8210	235.50	236.94	1.44	3% m 1% py, 1% py	N.1	0.1	11	2	215
236.94	248.20	99%	bleached (clastic) pillowed Andesite	- grey green beige, fn. grained. 236.94-243.45 metres, strongly silicified, weak down hole, rock becomes greener (Amph.), pillow siltstone with breccia in siltstone, often with strong poly mineralization, 5% diss po & in spots (1mm) and (<3mm) also 1% py, in spots as 1-2% py. Numerous centimetric CaO ₃ veinlets often with associated mineralization.	8211	236.94	238.50	1.56	4% po 3% py 2% py, 1% py	0.02 0.01	0.1	89	2	170
					8212	238.50	240	1.5	5% po 2% py, 1% py	0.01	0.1	90	1	183
					8213	240	241.50	1.5	4% po 3% py	N.1	0.1	87	1	177
					8214	241.50	242.50	1.5	2% po 2% py	N.1	0.1	103	1	111
					8215	242.50	243.45	0.95	2% po 1% py	0.01	0.1	107	1	118
					8216	243.45	245	1.55	1% po 1% py	0.02	0.1	85	1	79
					8217	245	246	1.0	1% po 1% py	N.1	0.1	105	1	109
					8218	246	247.20	1.20	1% po 1% py	N.1	0.1	117	19	136
					8219	247.20	248.20	1.0	1% po 1% py	0.02	0.1	92	2	138


GRAPHIC LOG

LITHOLOGY

STRUCTURE

MINERALIZATION ALTERATION

DIAMOND DRILL LOG

AGNICO-EAGLE  MINES LIMITED

PROPERTY *Roid*
 COMMENCED
 COMPLETED
 OBJECTIVE

NTS
 DISTRICT
 TWP /LAT LONG
 CLAIM
 CO-ORDINATES

CORE SIZE
 CONTRACTOR
 DATE LOGGED
 LOGGED BY *D.W. Christie*
 DDH COMMENTS

SURVEY DEPTH
 DIP
 AZIMUTH

Hole No. *R-90-3 pg 12/16*
 COLLAR AZIMUTH
 COLLAR DIP
 ELEVATION
 LENGTH *346.34 metres*

FOOTAGE		% REC	LITHOTYPE	DESCRIPTION GEOLOGY (colour, grain size, texture, minerals, alteration etc.)	SAMPLE No	SAMPLE			% SUL	ASSAYS						
FROM	TO	RQD				FROM	TO	TOTAL		Au	Ag	Cu (ppm)	Pb	Zn		
				243.45 - 248.20 metres - slightly less silicification, more chloritized and 5% calcs veins and fractures filled - many fractures filled with calc. - possible remnant calc. amygdalae. - calcs in matrix - 2% p, 1% py, 1% cp, in pods & fracture fills often associated with calc, very little diss sulphides												
				246.0 - 248.20 metres - silicified andesitic pillow breccia (green) - bands of brecciated pillow, spherule and bands of massive calcite - 2% diss. p, 1% py, 1% cp - calcitic fragments - calcite at 40° to LA at 238 m, 24° to LA at 243.30 m, 30° to LA at 247 m												
<i>248.20</i>	<i>256.28</i>	<i>99%</i>	<i>massive to brecciated Mesito-Breccia (carbonated)</i>	- dk grey; fn grained - highly carbonated; matrix + veins, veinlets, fracture fills, 28% veins & fracture fills - dk grey calcite possibly carbonaceous material intermixed with volcanic (also possibly black calcite etc) - brecciated throughout with calc. infiltration into	<i>8220</i>	<i>248.20</i>	<i>249.70</i>	<i>1.5</i>	<i>1.2% p, 2% py, 1% cp</i>	<i>Nil</i>	<i>0.1</i>	<i>101</i>	<i>3</i>	<i>178</i>		
					<i>8221</i>	<i>249.70</i>	<i>251.20</i>	<i>1.5</i>	<i>2% p, 1% py</i>	<i>Nil</i>	<i>0.1</i>	<i>98</i>	<i>1</i>	<i>116</i>		
					<i>8222</i>	<i>251.20</i>	<i>252.70</i>	<i>1.5</i>	<i>2% p</i>	<i>Nil</i>	<i>0.1</i>	<i>82</i>	<i>4</i>	<i>129</i>		
					<i>8223</i>	<i>252.70</i>	<i>254.20</i>	<i>1.5</i>	<i>1-2% p, 1% py</i>	<i>Nil</i>	<i>0.1</i>	<i>92</i>	<i>1</i>	<i>93</i>		

GRAPHIC LOG

DIAMOND DRILL LOG

AGNICO-EAGLE  MINES LIMITED

LITHOLOGY

STRUCTURE

MINERALIZATION ALTERATION

PROPERTY *Reid*
 COMMENCED
 COMPLETED
 OBJECTIVE

NTS
 DISTRICT
 TWP./LAT. LONG.
 CLAIM
 CO-ORDINATES

CORE SIZE
 CONTRACTOR
 DATE LOGGED
 LOGGED BY *D.W. Christie*
 DDH COMMENTS

SURVEY DEPTH
 DIP
 AZIMUTH

Hole No. *R-90-3 p. 13/16*
 COLLAR AZIMUTH
 COLLAR DIP
 ELEVATION
 LENGTH *346.34 metres*

FOOTAGE		% REC	LITHOTYPE	DESCRIPTION GEOLOGY: (colour, grain size, texture, minerals, alteration etc.)	SAMPLE No	SAMPLE			ASSAYS	
FROM	TO	ROD				FROM	TO	TOTAL	% SUL	
<i>256.28</i>	<i>288.48</i>	<i>99%</i>	<i>Andesite Pillow Breccia and massive Andesite</i>	<p>Most highly brecciated area, and alteration of some fragments, many siliceous grey fragments</p> <ul style="list-style-type: none"> - fragments elongated D-3il to foliation - fragments <1mm-3cm - foliation at 30° to CA, cross cutting - CaO₃ veining (<5mm) at 60° to CA, common - many phugmatic CaO₃ veins - gradational upper + lower contacts - 1% diss. f.n. pos. in CaO₃ veins and elsewhere - light grey green, bleached, f.n. grained - 80% of unit is brecciated into centimetric (3cm) to mm fragments often with tectonic brecciation - fractures showing CaO₃ infiltration - 10% CaO₃ veining, irregular patterns, often within pillow selvaige remnants - pillow selvaige preservation v. poor - silicification is moderately strong, although later CaO₃ alteration and weak Ankerite (FeCO₃) alteration are marginal with rock matrix - some black chlorite and yellow to orange sericite alteration on fractures and vein walls and in veins parallel to weak foliation 						

GRAPHIC LOG

DIAMOND DRILL LOG

AGNICO-EAGLE MINES LIMITED

LITHOLOGY
STRUCTURE
MINERALIZATION
ALTERATION

PROPERTY *Doid* NTS _____ CORE SIZE _____
 DISTRICT _____ CONTRACTOR _____
 COMMENCED _____ TWP /LAT LONG _____ DATE LOGGED _____
 COMPLETED _____ CLAIM _____ LOGGED BY *D. W. Christie*
 OBJECTIVE _____ CO-ORDINATES _____ DDH COMMENTS _____

Hole No. *R 90-3 pg 4 of 15*
 COLLAR AZIMUTH _____
 COLLAR DIP _____
 ELEVATION _____
 LENGTH *346.34 meters*

FOOTAGE		% REC	LITHOTYPE	DESCRIPTION <small>GEOLOGY: (colour, grain size, texture, minerals, alteration etc.)</small>	SAMPLE No	SAMPLE			ASSAYS					
FROM	TO	ROD				FROM	TO	TOTAL		% SUL	<i>Ag</i>	<i>Pb</i>	<i>Zn</i>	
<i>288.98</i>	<i>313.90</i>	<i>99%</i>	<i>Amygdaloidal Pillowed Andesite</i>	<ul style="list-style-type: none"> - elongation of some fragments parallel to foliation (2:1 → 3:1) - bleached talcs around some fragments, many fragments are bleached more strongly than surrounding rock. - fr - 1% po. in CaO₃ veins and diss. - foliation at 265m at 35° to CA, 273.50m at 40° to CA, 285m at 10° to CA. - brecciation gets coarser in last 3m with 1% po and 20% CaO₃ veins in last 1.5m. - bleached, light grey green - beige, fine grained. - strongly silicified (v. hard) especially in strongest (beige) bleached areas, and selective, spotty (< 5mm) bleached spots, gues. amorphous appearance. - often fractured, pillow selvages and veins with bleached siliceous halo's. - strong interstitial calcite alteration, as well as veins in pillow selvages. - large Qtz-CaO₃ veins in pillow selvages. - Amygdules are generally grey Qtz, minor CaO₃, 5% gtn, MnO₂ (4mm, average 2mm) round to angular. - pillow selvages are very well preserved with 										
					<i>8225</i>	<i>288.98</i>	<i>290</i>	<i>1.52</i>	<i>1.2% po</i>	<i>Nil</i>	<i>0.1</i>	<i>73</i>	<i>1</i>	<i>110</i>
					<i>8226</i>	<i>290</i>	<i>291.39</i>	<i>1.39</i>	<i>5% po</i>	<i>Nil</i>	<i>0.1</i>	<i>84</i>	<i>1</i>	<i>101</i>
					<i>8227</i>	<i>306.63</i>	<i>308</i>	<i>1.37</i>	<i>1.2% po</i>	<i>0.01</i>	<i>0.1</i>	<i>80</i>	<i>1</i>	<i>93</i>
					<i>8228</i>	<i>308</i>	<i>309.58</i>	<i>1.68</i>	<i>1% po</i>	<i>Nil</i>	<i>0.1</i>	<i>109</i>	<i>1</i>	<i>103</i>
					<i>8229</i>	<i>309.68</i>	<i>311.20</i>	<i>1.52</i>	<i>1.2% po</i>	<i>Nil</i>	<i>0.1</i>	<i>73</i>	<i>1</i>	<i>115</i>
					<i>8230</i>	<i>311.20</i>	<i>312.73</i>	<i>1.53</i>	<i>1.2% po</i>	<i>Nil</i>	<i>0.1</i>	<i>98</i>	<i>1</i>	<i>87</i>
					<i>8231</i>	<i>312.73</i>	<i>314.26</i>	<i>1.47</i>	<i>1% po</i>	<i>0.05</i>	<i>0.1</i>	<i>97</i>	<i>1</i>	<i>89</i>

DIAMOND DRILL LOG

LITHOLOGY
STRUCTURE
MINERALIZATION
ALTERATIONPROPERTY *Reid*
COMMENCED
COMPLETED
OBJECTIVENTS
DISTRICT
TWP /LAT LONG
CLAIM
CO-ORDINATESCORE SIZE
CONTRACTOR
DATE LOGGED
LOGGED BY *D. W. Christie*
DDH COMMENTSSURVEY DEPTH
DIP
AZIMUTHHole No. *R-70 313 15 of 16*
COLLAR AZIMUTH
COLLAR DIP
ELEVATION
LENGTH *346.31 metres*

FOOTAGE		% REC	LITHO TYPE	DESCRIPTION GEOLOGY (colour, grain size, texture, minerals, alteration etc.)	SAMPLE No	SAMPLE			ASSAYS	
FROM	TO	RQD				FROM	TO	TOTAL		% SUL
				an indication of a South (down to) up direction - selvage remnants "from pillow below out are visible (ie 302.13 m) - selvages, sometimes have carbonaceous (graphitic) and CaO ₃ fillings. While others are silicified - graphite often with sulphides & CaO ₃ + black chlorite seen in fracture, + felation (plagioclase) and in selvages from 288.48 - 312.0 - 288.68 - 288.84 CaO ₃ - chl - po (3%) - 290.34 - 290.39 - graphite - chlorite - CaO ₃ - 1% po band in pillow selvage. - 294.89 - 295.28 Andesite with brecciation bands of graphite + chl + 1% po. * - 302.59 - 302.77, 300.03 - 300.06, 301.35 - 301.43 306.89 - 306.91, 307.57 - 307.70, 309.48 - 309.66 Graphite - black, chlorite - CaO ₃ + mild brecciation and 1-2% po + 1% cpy in pillow selvages. * - 309.79 - 310.69 - foliated graphite and andesite bands at 10 to 15%, 10% graphite - chloritic bands. 1% po, + 1% cpy, finely diss. * 311.90 - 312.00 graphite - chlorite - CaO ₃ 10% po, 3% cpy in a pod - u. conductive (ohmic) full fill.						

GRAPHIC LOG

DIAMOND DRILL LOG

AGNICO-EAGLE MINES LIMITED

LITHOLOGY

STRUCTURE

MINERALIZATION
ALTERATION
 PROPERTY *Raid*
 COMMENCED
 COMPLETED
 OBJECTIVE

 NTS
 DISTRICT
 TWP./LAT. LONG
 CLAIM
 CO-ORDINATES

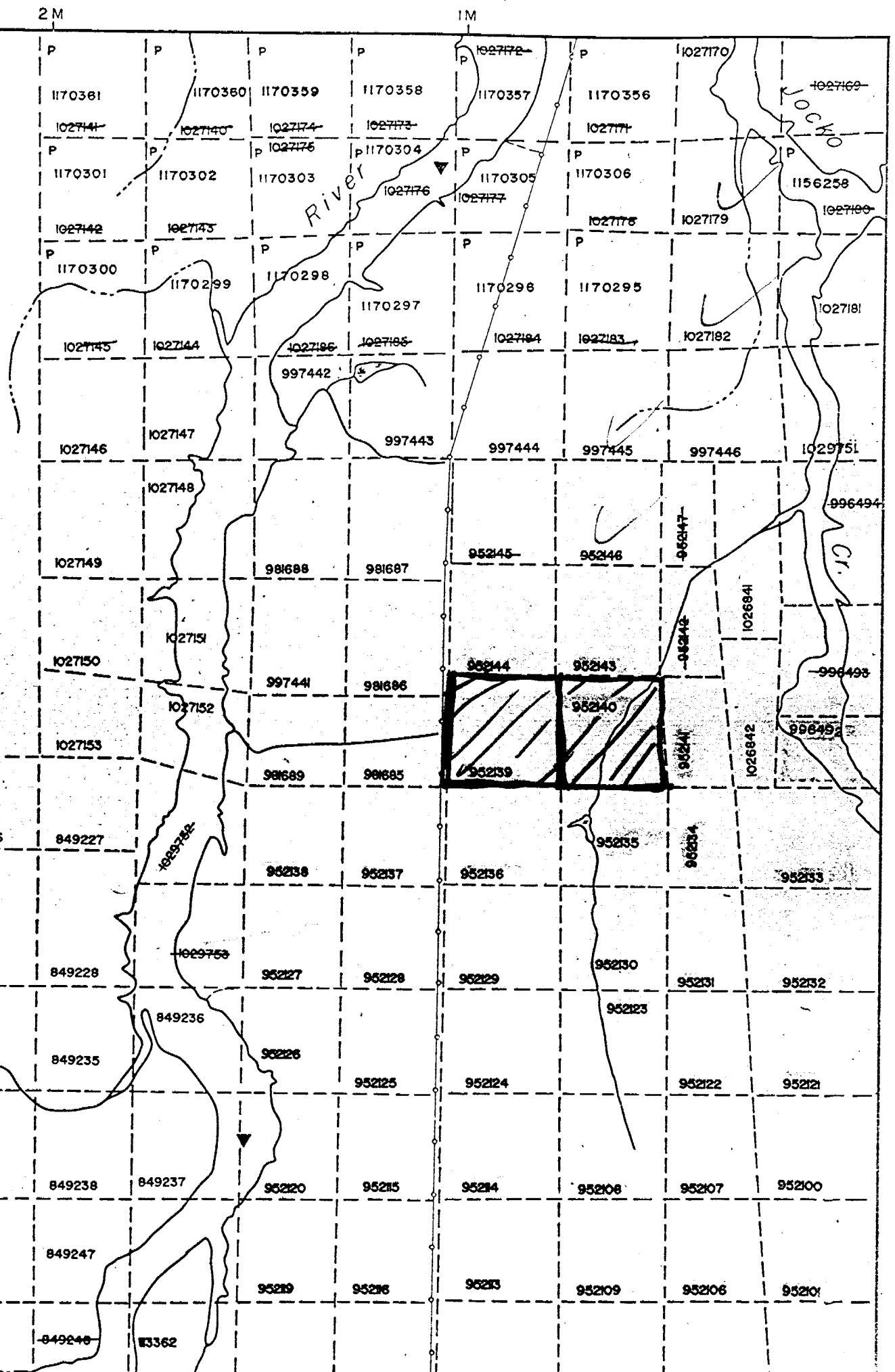
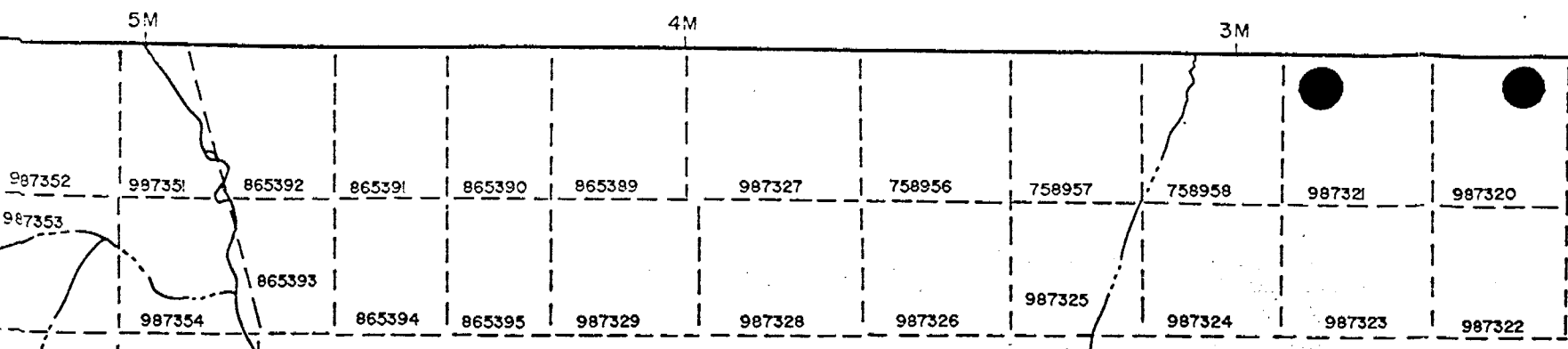
 CORE SIZE
 CONTRACTOR
 DATE LOGGED
 LOGGED BY *D. W. Christie*
 DDH COMMENTS

 SURVEY DEPTH
 DIP
 AZIMUTH

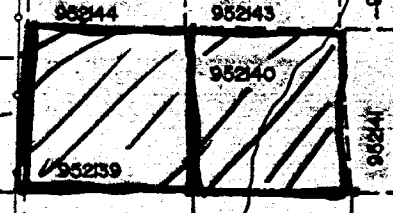
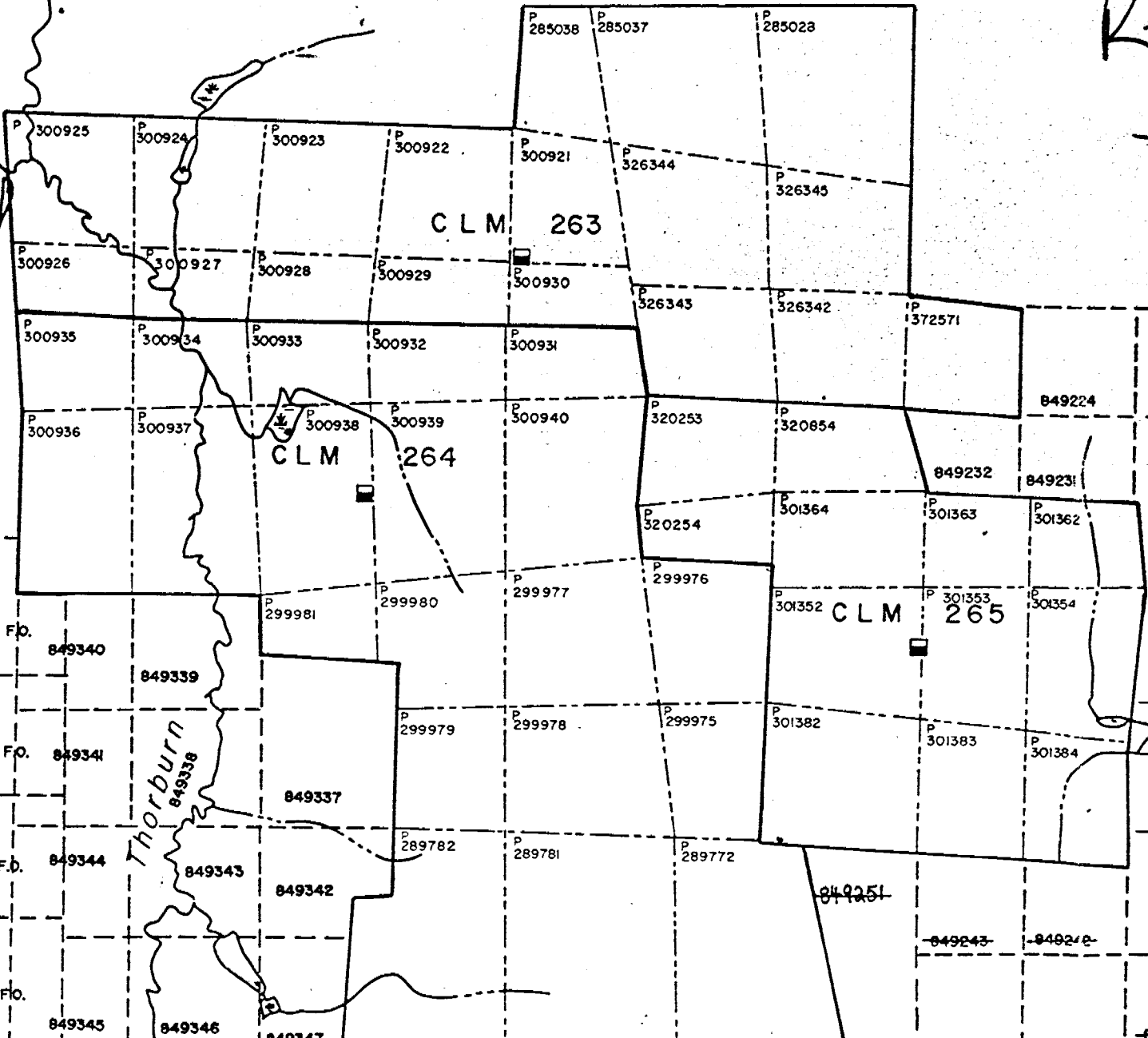
 Hole No. *R-90-3 py 16a/16*
 COLLAR AZIMUTH
 COLLAR DIP
 ELEVATION
 LENGTH *346.34 metres*

FOOTAGE		% REC	LITHOTYPE	DESCRIPTION GEOLOGY (colour, grain size, texture, minerals, alteration etc.)	SAMPLE No	SAMPLE			ASSAYS					
FROM	TO	RQD				FROM	TO	TOTAL	% SUL	As	N ₂	Ca	Pb	Zn
343.97	346.34	99%	Carbonated Angular Andesite Flow	<ul style="list-style-type: none"> with a CaCO₃ vein 311.81 - 312.67 (10cm wide) - overall fine, fine CA - Chlorite v. weak at 90° to CA. at 310m. 	8232	343.97	345	1.03	1.00	Nil	0.1	74	1	73
				<ul style="list-style-type: none"> - dk grey green, fn graind - Strongly carbonated (CaCO₃) and moderately chloritized - 25% CaO₃ amygdular (<1cm, Ave 3mm), 5% Qtz amygdular (<2mm), with CaCO₃ amygdular elongated to foliation (1/1.5) - 5% CaCO₃ veinlets - biotite grains visible (<2mm) - foliation poorly developed at 30° to CA, but irregular - possible pillow structures, with Andesite-Qtz - CaO₃ fillings at 345.80m - 1/10 p 	8233	345	346.34	1.34	1.25p	Nil	0.1	68	1	67
	346.34		EOH											

David Christ



REID
TWP.



DOCUMENT NO.
W 9006-6051-2
60568

Instructions -
- Please type or print.
- For each type of work performed, a separate Report of Work should be completed.



Mining Act

Report of Work

900

Name and Address of Recorded Holder
COMSTATE RESOURCES LTD.

Telephone No. **T-1127**

901-1015 4th ST. S.W. CALGARY ALTA T2R 1J4 **403-265-6973**

Summary of Distribution of Credits and Work Performance

Mining Division PORCUPINE	Mining Claim			Mining Claim			Mining Claim		
	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.
Township or Area REIDMANAHEE & CARNEGIE Assessment Credits Claimed 1,585	P	952096	225	P	952113	40	P	952125	40
	P	952097	220	P	952114	40	P	952126	40
	P	952098	15	P	952115	40	P	952127	20
	P	952099	15	P	952116	20	P	952128	20
	P	952100	20	P	952119	25	P	952129	20
	P	952101	20	P	952120	40	P	952130	20
	P	952106	40	P	952121	20	P	952131	20
	P	952107	40	P	952122	40	P	952132	20
	P	952108	40	P	952123	40	P	952133	20
	P	952109	40	P	952124	40	P	952134	20

Dates when work was performed
From: **AUG. 14/90** To: **AUG. 27/90**

Total No. of Days Performed **1,928.2** Total No. of Days Claimed **1,585** Total No. of Days to be Claimed at a Future Date **343.2**

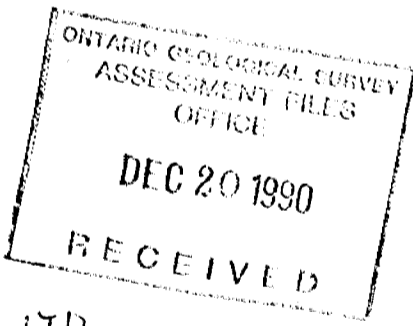
All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim. * (See note No. 1 on reverse side)		Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days
		1029704	366	1029120	426	952140	568.1	952139	568.1

Required Information eg. type of equipment, Names, Addresses, etc. (See Table on reverse side)
If space below is insufficient, attach schedules with required information and location sketches

DIAMOND DRILLING PERFORMED BY DOMINIK DRILLING LTD.
409 KING
PORCUPINE, ONT.

TYPE OF MACHINE : INSPIRATION #3
CORE SIZE : 13q

DRILLING SUPERVISED BY : MR. DAVID CHRISTIE, Geologist
WA. HUBACHECK CONSULTANTS LTD.
603 - 141 ADELAIDE ST WEST
TORONTO, ONT M5H 3L1



Certification of Beneficial Interest * (See Note No. 2 on reverse side)

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.

Date **November 21/90** Recorded Holder or Agent (Signature) **Kimberly M. Cunnison**

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 Address of Person Certifying
KIMBERLY M. CUNNISON APT #2 17 DEANE STREET LONDON, ONT.

Telephone No. **519-432-6936** Date **November 21/90** Certified By (Signature) **Kimberly M. Cunnison**

For Office Use Only

Work Assignments	Received Stamp
<p>RECORDED</p> <p>NOV 26 1990</p>	<p>PORCUPINE DIVISION</p> <p>NOV 26 1990</p> <p>3:10 (P) JA</p>

- Instructions**
- Please type or print.
 - For each type of work performed, a separate Report of Work should be completed.
 - For Geo-technical work, use form no. 1362 "Report of Work (Geological, Geophysical, Geochemical)" and form no. 878 for Expenditures.
 - Refer to Sections 76 and 77, the Mining Act for assessment work requirements and the reverse side of this form for table of information.

Mining Act Report of Work

Name and Address of Recorded Holder	Prospector's Licence No.
	Telephone No.

Summary of Distribution of Credits and Work Performance

Mining Division	Mining Claim			Work Days Cr.	Mining Claim			Work Days Cr.	Mining Claim		Work Days Cr.
	Prefix	Number	Work Days Cr.		Prefix	Number	Work Days Cr.		Prefix	Number	
Township or Area	P	952135	20	P	1027170	45	P	1029151	40		
Total Assessment Credits Claimed	P	952136	20	P	1029118	40	P	1029154	40		
Type of Work Performed (Check one only)	P	952137	20	P	1029119	40					
<input type="checkbox"/> Manual Work	P	952138	20	P	1029120	40					
<input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work	P	952139	20	P	1029121	40					
<input type="checkbox"/> Mechanical equipment	P	952140	20	P	1029122	40					
<input type="checkbox"/> Power Stripping other than Manual (maximum credit allowed - 100 days per claim)	P	952141	20	P	1029123	40					
<input type="checkbox"/> Diamond or other Core drilling	P	952143	20	P	1029124	40					
<input type="checkbox"/> Core Specimens	P	952144	20	P	1029147	40					
	P	996492	60	P	1029150	40					

Dates when work was performed	Total No. of Days Performed	Total No. of Days Claimed	Total No. of Days to be Claimed at a Future Date
From: _____ To: _____			

All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim. * (See note No. 1 on reverse side)									
Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days

Required Information eg. type of equipment, Names, Addresses, etc. (See Table on reverse side)
If space below is insufficient, attach schedules with required information and location sketches

Certification of Beneficial Interest * (See Note No. 2 on reverse side)

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.	Date	Recorded Holder or Agent (Signature)
--	------	--------------------------------------

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 Address of Person Certifying: _____