



COMINCO

320126W0133 63.4993 GARRISON

010

EXPLORATION

EASTERN DISTRICT

GARRCON PROPERTY

REPORT OF WORK

NOV. 1986 TO FEB. 1987

FEBRUARY 18, 1987

W.M. LITTLE

SUMMARY

Between November 1986 and February 1987, seven diamond drill holes, totalling 5389', were drilled on the Garrcon property, located 25 miles east of Matheson, Ontario, under a Joint Venture agreement between Cominco Ltd. and Jonpol Explorations Ltd.

Six of the holes, GAR-20 to 25, were located in the southern part of the property, mainly to test the "South Zone", previously intersected in 5 holes over a strike length of 1300'. In the present program, only GAR-22 (drilled to test the 600' gap between two earlier holes) gave a definite South Zone intersection, and its grade and width are marginal (core length 4.2' @ .103 oz/ton). Two holes 300' and 600' west of the previous holes and three holes 300, 600 and 900' to the east gave negative results.

In the southern holes, attention was also given to fairly broad zones of low grade mineralization in previous drilling, suggesting possibilities for open pit mining and heap leaching. Several of the present holes intersected this type of material in their upper parts, but in all cases, they appear to be outside the main concentrations of this type of mineralization.

The final hole, GAR-26, was drilled in the northern part of the property, to investigate the Munro Shear, which has recently given encouraging intersections on the Linton property, 1 mile to the east. Shearing was intersected over a width of 230', with rock types including talc-chlorite schist, green to buff carbonate rock, and sericite-chlorite schist. Assays are not as yet available.

PROPERTY

The property consists of 12 patented claims, nos. L26120-22, L26341-46, and L38949-51.

Under the Cominco-Jonpol Joint Venture agreement, the property is owned 51% by Cominco Ltd., 49% by Jonpol Explorations Ltd.

LOCATION, ACCESS, HISTORY

The property is in Garrison Twp., Larder Lake M.D., Ontario, Lat. 48° 31'N, Long. 79° 54'W. It is 25 miles east of Matheson, Ontario - access is by a 3/4 mile bush road south of Hwy. 101.

The property was acquired by Cominco in 1933, and between 1934 and 1939 extensive surface trenching, surface and underground drilling, and underground development on two levels was carried out. Eleven additional surface drill holes were put down by Ken Addison under an option agreement in 1982. Under the Cominco-Jonpol Joint Venture agreement of October 1985, there have been two previous diamond drill programs, 2030' in 5 holes in 1985 and 8849' in 14 holes in early 1986.

OM86-6 -P-24



GAR-26:	4+00'E, 9+00N 0-28' 28-505 505-738  738-800	Drilled - 45 <sup>0</sup> grid N. Overburden Alternating pink (slightly altered) to grey (unaltered) arkose. Munro Shear  505-606 Talc-chlorite schist 606-634 Diorite intrusive (fresh) 634-704 Green to buff carbonate (altered ultramafic) 704-738 Sericite-chlorite schist (altered basic volcanic) Basic volcanic, relatively unaltered and unsheared.
---------	--	--

Assays - Not Available.

Submitted by: \_\_\_\_\_

*W.M. Little P-Eng.*  
W.M. Little  
Senior Geologist  
Exploration, E.D.



Distribution:

Jonpol Explorations.....(3) ✓  
Vancouver Office.....(1)  
Toronto Office.....(1)



Drawn by:	MMX	Traced by:	
Revised by:		Revised by:	
Date:		Date:	

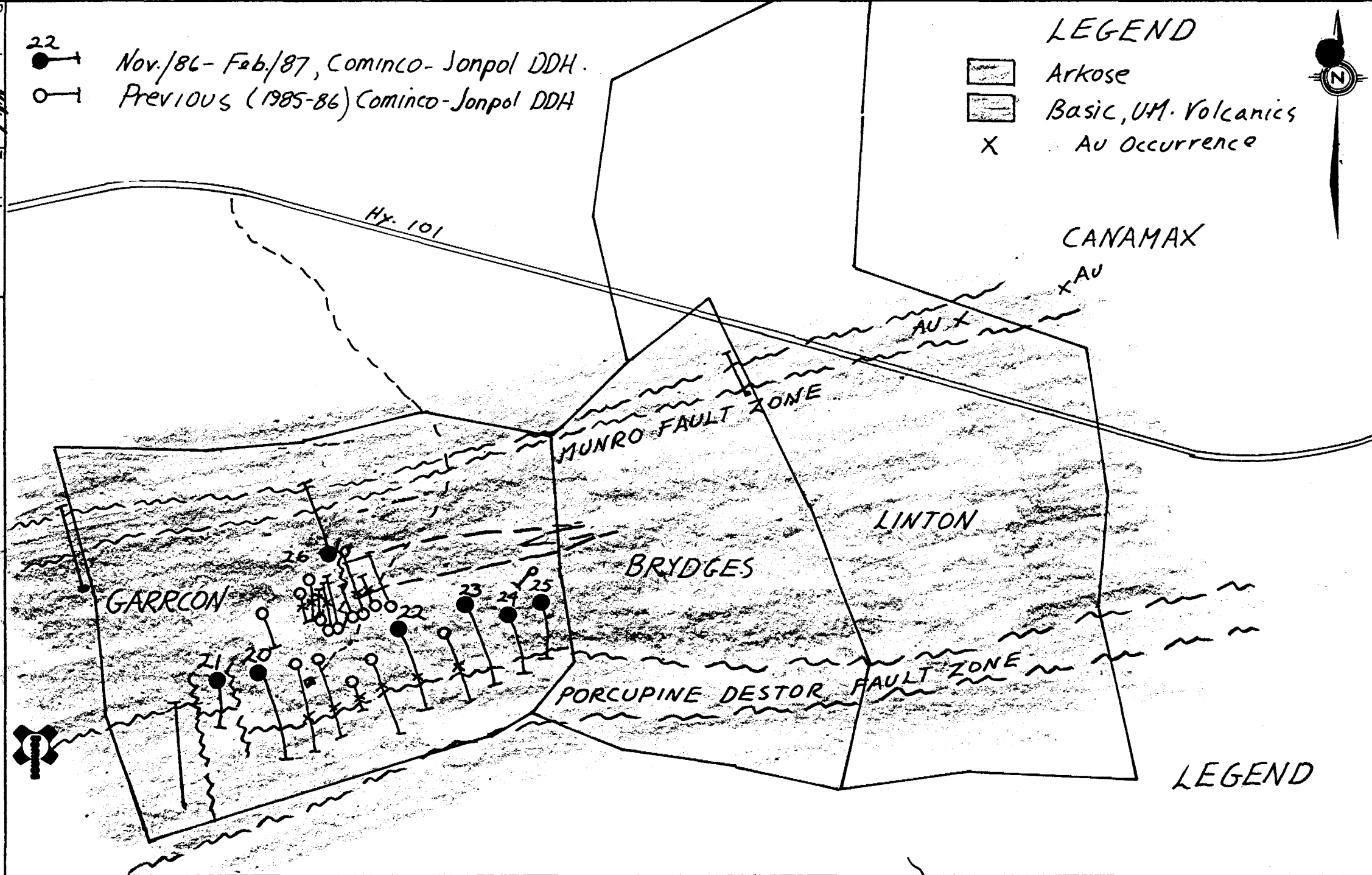
Scale: 1" = 1000' Date: Plate: 1

GARRCON PROPERTY  
GARRISON TWP., ONT  
LOCATION

22  
 Nov./86 - Feb./87, Cominco-Jonpol DDH.  
 Previous (1985-86) Cominco-Jonpol DDH

LEGEND

 Arkose  
 Basic, UM. Volcanics  
 X Au Occurrence



LEGEND

# Drill Hole Record



Property GARRCON District COLLIERANE Hole No. GAR-20  
 Commenced NOV 25/86 Location GARRISON TWP. Tests at 0 200 400 600 800 Hor. Comp.  
 Completed DEC 10/86 Core Size BQ Corr. Dip 45° 43' 42 42.5 39 Vert. Comp.  
 Co-ordinates 6400 W 1136 N True Brg. 147° 35' 34"/164' Logged by J.H. HEIJEMA  
 Objective EXTENDING GARRCON SOUTH MINERALIZED ZONE WESTWARD % Recov. 100% Date DEC 12/86

Claim  
 T Brg.  
 Collar Dip  
 Elev.  
 Length  
 Hole No.

Footage From	To	Description	FROM (FC)	TO (FT)	Sample No.	Length	Analysis Au (ppb)
			34	38.4	62415		36
0-34		CASING (0-32 → OVERBURDEN)	38.4	42	16		10
			42	46.33	17		26
34-38.4		TAN (PINK TINT) ARKOSE - MASSIVE TO V.F.GR., ARGILLACEOUS, = 15% FRAC. - MICROFRACS. MAG CHL. NETWORK, VARIABLE ATTITUDE (≈ 10% CA. DOMINANT), < 5% QCB FRACT. SYSTEMS + BLOTCHY CONCS, UP TO 10% PY LOCALLY (FRACT. CONC. DOM.) TR. CPY. PO, GRAD ↓, MOD SILICIFIED APPEARANCE	46.33	50	18		14
			50	53.75	19		24
			53.75	60	62420		410
38.4-113.25		MEDIUM-DARK GREY ARKOSE - F.-M. GR., ARGILLACEOUS, + FRAC. MAG CHL ↓ ⇒ MN RELATED + UNRELATED QCB FRACT., < 1% BLOTCHY HEM CONCS, UP TO 2% PY. PO DISSEM. + FRACT. CONC, POSSIBLE WAGVE BANDING ≈ 30° BCP, SOME QCB RECRYST. IN FRACT. GRAD ↓					
		42.00-46.33 > TAN ↓, MN COARSER GR. ZONES, TR PY DISSEM, AT 45.5' QZ BRECCIA GRAD ↓					
		45.7-46.33 > DISSEM + FRACT FILL PY (≈ 2%)					
		46.33-53.75 AS ORIGINAL FRACT PY LOCALLY TO 5%					
		53.75-59.5 CAMP. DYKE, ALT ⇒ CARB RICH LENSES ≈ 20% MAG. TEND, FOL ≈ 56°, ONE MN REDDISH QZ STR, CHL + BLD RICH THROUGHOUT					

## Drill Hole Record

Property GARCON District \_\_\_\_\_ Hole No. GAR-20

Commenced \_\_\_\_\_ Location \_\_\_\_\_ Tests at \_\_\_\_\_ Hor. Comp. \_\_\_\_\_

Completed \_\_\_\_\_ Core Size \_\_\_\_\_ Corr. Dip \_\_\_\_\_ Vert. Comp. \_\_\_\_\_

Co-ordinates \_\_\_\_\_ True Brg. \_\_\_\_\_ Logged by \_\_\_\_\_

Objective \_\_\_\_\_ % Recov. \_\_\_\_\_ Date \_\_\_\_\_

Footage From To	Description	From (FT)	To (FT)	Sample No.	Length	Analysis			
						Av	(gph)		
38.4-113.25	MEDIUM-DARK GREY ARKOSE (CONTIN.)	60	65	62421	410				
	58.5-88.4 AS ORIGINAL, MN PINK TINT IN PLACES	65	70	22	12				
	61.5-64.25 BRECCIA - <sup>6%</sup> SIL CARB. UP TO 2% DISSEM PY	70	75	23	12				
	75-76' BRECCIA - SIL ARG. HOSE	75	80	24	20				
	84-86' - WAVY ARG CONCS → REMNANT SOFT SED DEF?	80	85	25	75				
	AT 87.25 PATCHY DISSEM PY CONC.	85	90	26	24				
	88.4-91.6 AS ORIGINAL BUT V.F. GR + DARK GREY (MN MED GR)	90	95	27	12				
	4% PY, MN SIL + LARA MICROFRACS - RANDOM, MN ZONES	95	100	28	410				
	OF FAINT REMNANT BRECCIA	100	105.6	29	10				
	81.6-105.6 AS ORIGINAL, MINOR PINK TINT IN PLACES	105.6	110	62430	10				
	105.6-110 LAMP DYKE RELATIVELY UNALTERED, MED. - C. GR BD.	110	115	31	10				
	OR HOAN. ZONE (20%), MN CARB VEINLET - → NEAR CENTER	115	120	32	21				
	110-113.25 AS ORIGINAL, MN PINK TINT IN PLACES	120	125	62433	12				
	AT 111 EVIDENCE OF AT LEAST TWO SEP MILKY QTZ SYSTEMS								
113.25-132.25	TAN - PINK (CRIMSON) ARKOSE - MASSIVE TO V.F. GR., <10% QTZ CARB + CHL MICROFRACS. + STR. ≈ 2% PY DISSEM, SIL.								
	113.25-115.5 AS ABOVE								
	115.5-117 MN PY STR CONCS (45%), SOME HEM HALOES (QTZ STR)								
	117-118.4 AS ORIGINAL								
	118.4-122.5 BRECCIA ZONE, TAN-LIGHT RED FRACS (60%), AMPHIB - 1% GRAY SILICA GROUNDMASS, TR PY, ? LOCALLY UP TO 5%								

## Drill Hole Record



Property		District	Hole No.				Claim	T Brg.	Collar Dip	Elev.	Length
Commenced		Location	Tests at		Hor. Comp.						
Completed		Core Size	Corr. Dip		Vert. Comp.						
Co-ordinates		True Brg.		Logged by							
Objective		% Recov.		Date							
Footage From	To	Description	From (Ft)	To (Ft)	Sample No.	Length	Analysis				
							Av	(ppb)			
113.25	132.25	TAN - PINK (CARMON) ARKOSE (CONTIN.)	125	128	62434		16				
		120-120.5 LAMP	128	132.25	35		24				
		120-122.5 MN LT-OK GY QZ STR	132.25	134.5	36		18				
		122.5-125.2 NON-BRECCIATED	134.5	136	37		25				
		125.2-128 ALTERATION (COLOUR) L ↓	136	139.5	38		25				
		128-132.25 BRECCIA, DEEP RED COLOUR, 5-10% PY DISSEM &	139.5	144	39		26				
		PATCHY CONCS, MN HEM & DK QZ FRAGS, FRAGS BRECCIATED	144	148.5	62440		27				
		ED IN PLACES, PY L ↓	148.5	154	41		30				
			154	160	62442		150				
132.25	139.5	PINK TINGED ARKOSE - MED-F GR., MN BRECC. ZONES, SIL.									
		133.4-133.9 ALT LAMP, MN QZ FRAGS									
		134.5-136 COARSE HEM, PY TO 5%, MN HEM FRAGS CONC.									
		136-139.5 L PY L HEM GENERALLY									
139.5	144	FAULTY ZONE - RUBBY, GOUGE, HIGHLY CHL, MN EPI.									
		STRONGLY FOLDED QZ LENSES THROUGHOUT, MN CARB, TALL? ARKOSE									
144	160	RED ARKOSIC BRECCIA - STRETCHED HEM FRAGS (90%), DK GY ARK.									
		MASSIVE ≈ 5% DISSEM PY, MN MAE CHL FRAGS FILL									
		148.5-154 WEAKLY ALT LAMP, ALICULAR PINND, FOL ≈ 55°									
		154-160 TAN & RED L ↓, MN SER CONCS (3N) PY CONCS TO 10%									
		AT 156' 159'-160' EVIDENCE OF FRAG SULPH CONC.									

# Drill Hole Record



Property GARRCON District \_\_\_\_\_ Hole No. GAR-20

Commenced \_\_\_\_\_ Location \_\_\_\_\_ Tests at \_\_\_\_\_ Hor. Comp. \_\_\_\_\_

Completed \_\_\_\_\_ Core Size \_\_\_\_\_ Corr. Dip \_\_\_\_\_ Vert. Comp. \_\_\_\_\_

Co-ordinates \_\_\_\_\_ True Brg. \_\_\_\_\_ Logged by \_\_\_\_\_

Objective \_\_\_\_\_ % Recov. \_\_\_\_\_ Date \_\_\_\_\_

Footage From To	Description	From (FT)	To (FT)	Sample No.	Length	Analysis		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet	
						Au (ppb)									
160 - 196	MEDIUM - DARK GREY (MN TAN, PINK) <sup>(CRIMSON)</sup> ARKOSE - LOCALLY ARG, VF. - 160 164.7	160	164.7	62443		18									
	MEDIUM GR, SIL, VAGUE FRAG TEXT, BEDDING 10-65° B.C.A., 164.7 167.2	164.7	167.2	44		24									
	≈ 2% DISSEM PY, TR SPEC HEM, > 1% CARB STR, PY DISSEM 167.2 169	167.2	169	45		410									
	IN MN BRECCIA ZONES 167.2-169, 173-173.2, 179.75-182.5, 186.169 175	169	175	46		410									
	183.9, 1/2" MILKY QZ STR AT 177' → 70° C.A. 5-10% MAX CHL FRAGS 175 179.75	175	179.75	47		16									
	177.9-196 AS ABOVE, FGR, DARK GR	179.75	182.5	48		10									
	VAGUE BRECC. APPEARANCE LOCALLY	182.5	185	49		10									
		185	190	62850		10									
196-197.7	LAMP. DYKE - UNALTERED, CHLORITIC PHENO? <sup>MM</sup> HEM RICH KEND	190	195	51		410									
		195	200	52		410									
197.7-256.6	PINK-RED MINOR TAN ARKOSIL BRECCIA - LOCALLY FRAGS	200	204	53		410									
	ARE STRETCHED MN SER ALT, DISSEM PY ≈ 2% LOCALLY TO 204 206.25	204	206.25	54		10									
	10% SIL, MN CARB, CHL MICROFRACT UP TO 20%, QTZ ONLY 206.25 210	206.25	210	55		24									
	5% MN F-MED GR. OVERPRINTS, MN-TR SPEC HEM 210 215	210	215	56		20									
	Lamp - 202', 227.5' → > PY ↓ 1'	215	220	57		16									
	10% py → 204-206.25	220	225	58		20									
	212.7-218.5 - > ALT	225	230	59		453									
	239-244 - SYSTEM OF WIDELY SPACED 0.05' QTZ STR ≈ 1/1' = 10% <sup>py</sup>	230	235	62860		18									
	C.A. → 65°	235	239	61		150									
		237	244	62		24									
		244	250	63		150									
		250	253.1	62864		125									



## Drill Hole Record

Property GARLON District \_\_\_\_\_ Hole No. GAR-20

Commenced \_\_\_\_\_ Location \_\_\_\_\_ Tests at \_\_\_\_\_ Hor. Comp. \_\_\_\_\_

Completed \_\_\_\_\_ Core Size \_\_\_\_\_ Corr. Dip \_\_\_\_\_ Vert. Comp. \_\_\_\_\_

Co-ordinates \_\_\_\_\_ True Brg. \_\_\_\_\_ Logged by \_\_\_\_\_

Objective \_\_\_\_\_ % Recov. \_\_\_\_\_ Date \_\_\_\_\_

Footage From To	Description	From To	Sample No.	Length	Analysis		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
					Au (ppm)								
197.7-256.6	PINK-RED, MINOR TAN ARKOSIL BRECCIA (CONTIN.)	253.1-255.7	64865		120								
	253.1-255.7 QZ STR (=2%) CARRY ~5% SPEC HEM, MN PY	255.7-260	66		409								
		260-265	67		49								
256.6-261.5	BRECCIATED IRON FORMATION - HIGHLY MAGNETIC, ≈ 30° B.C.A.?	245-270	68		210								
	DARK GR, MINOR CRIMSON TINT, MASSIVE APPEARANCE, MN QZ MICRER,	270-273.5	69		92								
	PY - UP TO 5% - PATCHY + FRACT FILL.	273.5-275	64870		410								
	275-277.5 ← MAG, HEM FRAG RICH ZONE	275-280	71		45								
		280-285	72		290								
261.5-273.5	DARK GREY ARGILLACEOUS ARKOSE - WEAKLY MAG, SIL, VALUE	285-290	73		35								
	HEM FRAG OUTLINES, FOL WELL PRONOUNCED (≈60° LA), ← 5% BLOTCHY	290-295	74		75								
	+ FRACT FILL PY, MN SIL. FRACT CONC	295-300	75		26								
	266.8-267.2 WELL PRONOUNCED SER HALOES (SIL FRACT)	300-305	76		18								
	267.2-273.5 HEM RICH ZONE, ←, FRAG TEXT. > DISTING.	305-310	77		24								
		310-315	64878		65								
273.5-309.2	LAMP. DYKE - ALT (CARB, SIL), WELL FOL, LOCALLY HEM, ← 2% PY												
	280.35-284.8 XENOLITH? 280.25-281.75 OIF												
	281.75-284.8 HEM RICH ARK												
	BRECCIA, 10% PY,												
	293.5-294.7 XENOLITH - DARK GREY HEM ARK BRECCIA												
	294.7-309.2 ← ALT. (HEM)												
309.2-397.5	DARK GREY ARGILLACEOUS ARKOSE - SIL, F-M.G.R., LOCALLY												

## Drill Hole Record

Property GARRLON District \_\_\_\_\_ Hole No. GAR-20

Commenced \_\_\_\_\_ Location \_\_\_\_\_ Tests at \_\_\_\_\_ Hor. Comp. \_\_\_\_\_

Completed \_\_\_\_\_ Core Size \_\_\_\_\_ Corr. Dip \_\_\_\_\_ Vert. Comp. \_\_\_\_\_

Co-ordinates \_\_\_\_\_ True Brg. \_\_\_\_\_ Logged by \_\_\_\_\_

Objective \_\_\_\_\_ % Recov. \_\_\_\_\_ Date \_\_\_\_\_

Footage From To	Description	From To (m) (ft)	Sample No.	Length	Analysis				
					Av	(ppb)			
309.2 - 397.5	DARK GREY ARGILLACEOUS ARKOSE (CONFIN)	315 320	64879		170				
	HEM RICH BRECCIA APPEARANCE, RANDOM CHL + QTZ-C FRACTS	320 325	64880		175				
	(~5%) - QTZ WITH HEM INNER & SER OUTER HALOS & 2% PY	325 330	81		287				
	DISSEMS. - UP TO 10% LOCALLY → (HEM + SIL ENRICHED ZONES)	330 335	82		250				
	- 317-317.5 - IRREGULAR MILKY QTZ BRECCIA ≈ 45° C.A.	335 340	83		24				
	- 347.2-353.7 - FINE GRAINED 70-90° C.A. QTZ STR (~2%)	340 345	84		40				
	- 353.7-355.6 - → ALT, FRAG TEXT, ≈ 2% PY LUBES, ≈ 10% IF FRAGS	345 350	85		30				
	- 359-363 - → MILKY QTZ BRECCIA PATCHY PY CONCS ≈ 5%	350 355	86		72				
	- 366.5-370.5 - ≈ 15% MILKY QTZ STR (MN DK LENTERS) STRONG HEM	355 360	87		32				
	ALT. ≈ 5% DISSEM PY THROUGHOUT	360 366.5	88		36				
	- BRECCIAS-396-397, 374-375, 392-392.5	366.5 370.5	89		40				
		370.5 375	64890		40				
397.5 - 459.4	MEDIUM GREY ARGILLACEOUS ARKOSE - MGR, MINOR HEM	375 380	91		211				
	TINY THROUGHOUT. MN QTZ + CHL STR THROUGHOUT. ~2% PY	380 385	92		42				
	- 377.5-408.1 - → HEM + SER ALT QTZ-C FRACT	385 390	93		30				
	- 404-405.2 SIL MATRIX BRECCIA	390 395	94		40				
	- 408.1-425 MODERATELY SIL SER HEM ALTERED (BAND CONC)	395 400	95		30				
	- 411-414.7 - SIL BRECCIA, → SER HEM, ≈ 2%	400 405.2	96		60				
	PY, 1% SPEC. - (IN QTZ STR)	405.2 411	97		30				
		411 414.7	98		339				
		414.7 420	99		32				
		420 423	64900		14				

## Drill Hole Record



Property	GARRLOW	District		Hole No.	GAR-20
Commenced		Location		Tests at	
Completed		Core Size		Corr. Dip	
Co-ordinates				True Brg.	
Objective				% Recov.	
				Date	

Footage From To	Description	From To (ft)	Sample No.	Length	Analysis			
					Av	(ppb)		
377.5 - 459.4	MEDIUM GREY ARGILLACEOUS ARKOSE (CONTIN.)	423	426.7	64909	89			
	423 - 459.4 AS ORIGINAL, < SER, HEM ALT	426.7	430	2	231			
	426.7-436.7 ↓ SIL RICH BRECCIA BANDS, > HEM, > SER,	430	436.7	3	69			
	= 5% PY, MN SPCL HEM	436.7	439.2	4	471			
	439.2-441.8 HIGHLY SER, 2 DR GR QTZ STR - HEM	439.2	441.8	5	30			
	RIMS, 10° CA, = 2% PY	441.8	445	6	108			
		445	448.2	7	24			
459.4 - 498	MEDIUM GREY ARGILLACEOUS ARKOSE - F-MD GR, ONLY WEAKLY	448.2	455	8	46			
	SIL TR HEM-SER DIMMED QTZ-G FRACT, = 2% QTZ-L FRACT	455	460	9	85			
	< 2% CHL FRACT.	460	465	64910	40			
	AT 472 → MN BRECCIA, AT 473.7 → QTZ-CARP. ALT.	465	470	64911	410			
	472.1-479 SIL ARK ZONE, BROWN RED TINT, ≈ 20% QTZ-L FRACT	470	475	64913	10			
	+ STR (MURKY + GY), > CHL FRACT	475	480	14	66			
	482.7-483.6 + 487.1-488.2 LAMP. DYKES - WEAKLY ALT.	480	485	15	42			
		485	490	16	36			
498 - 503.6	DARK GREY-RED-BROWN ARGILLACEOUS ARKOSE - SIL, MASSIVE TO	490	495	17	32			
	V.F. GR., VAGUE BRECCIA APPEARANCE, ≈ 2% PY TO 5% (WHERE HEM >)	495	498	18	16			
	≈ 2% QTZ-L FRACT.	498	503.6	19	410			
		503.6	510	64920	10			
503.6 - 511.7	MEDIUM GREY ARGILLACEOUS ARKOSE - SIM TO 459.4 - 498	510	513.1	64921	18			
	506.6-507.8 UP TO 5% PY IN HEM, ALT CHL FRACT.							

# Drill Hole Record



Property	GARRCON	District		Hole No.	GAR-20
Commenced		Location		Tests at	
Completed		Core Size		Corr. Dip	
Co-ordinates				True Brg.	
Objective				% Recov.	
				Date	

Claim	
T Brg.	
Collar Dip	
Elev.	
Length	
Hole No.	

Footage From To	Description	From To	Sample No.	Length	Analysis	
					Av	(ppb)
511.7 - 536	DARK GREY ARGILLACEOUS ARKOSE → ARGILLITE - F.G.R., MN MED GR	513.1 514.2	64922		444	
	MED GRAINED ZONES (>HEM), MOD SIL, MN CHL FRACT., MN PY	514.2 520	23		90	
	513.1-514.2 >HEM ALT, ≈30% VARIABLE ALT QTZ-C SFR	520 525.3	24		30	
	(UP TO 1/4"), ≈5% PATCHY PY CONCS (SOME LUBIC)	525.3 527	25		57	
	MN SER HALOES, VARIABLE TEST THROUGHOUT	527 530	26		66	
	516.5-517.2 MINOR SHEAR - LENTICULAR CONCS SILICA	530 532	27		64	
	+ DARKER FRAG MAT. (II) ≈2% DISSEM PY	532 540	28		68	
	POSSIBLY A HIGHLY ALT LAMP.	540 545	29		62	
	AT 518' ≈ALT SIL FILL BRECCIA ZONE (≈0.5')	545 549.2	64930		57	
	AT 523.1 ARG BAND, >PY, BRECCIA BY CONTACTS	549.2 552	31		112	
	526.3-532.8 - ≈5% PY THROUGHOUT, MN PATCHY CONCS.	552 555	32		124	
		555 560	33		48	
536 - 650.9	MEDIUM GREY ARGILLACEOUS ARKOSE - MED-F.G.R., TO HEM +	560 565	34		136	
	SER ALT. ≈5% QTZ-C + CHL FRACT → LOCALLY, 2-5%	565 570	35		50	
	MED. GR. PY THROUGHOUT POSSIBLE BEDDING (≈30° BCA)	570 575	36		410	
	MILKY QTZ SFR - MN PY 15-25° CA AT	575 580	37		410	
	566-566.5 - BROKEN CORE	580 586.4	38		410	
	566.4-578 - >ALT (HEM), MN SER, 3 TYPES QTZ SFR.	586.4 588	39		10	
	605.5 - 606.6 - MN ARG FRAGS	588 590	64940		40	
	607.5-610.1 - FRAG TEST → ≈65% MED. BN - BIFFE ARG	590 595	41		22	
	FRAGS, ≈20% SIL IMPLUX, ≈15% QTZ + CHL FRACT.	595 600	42		62	
	OVERPRINT OF MED GR. TEST SEEN LOCALLY	600 605.5	64943		22	

# Drill Hole Record



Property	GARRCON	District		Hole No.	GAR-20
Commenced		Location		Tests at	
Completed		Core Size		Corr. Dip	
Co-ordinates				True Brg.	
Objective				% Recov.	
					Hor. Comp.
					Vert. Comp.
					Logged by
					Date

Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
						G

Footage From To	Description	From To (FT)	Sample No.	Length	Analysis	
					Av (ppb)	
536 - 650.9	MEDIUM GREY ARGILLACEOUS ARGOSE (CONTIN.)	650.5 606.6	64944		22	
	612-614.5 - CLEAR, MN MILKY QTZ-L STR, ALSO AT 620.1, 629.4	606.6 610	45		18	
	630.8 - 0.3' WELL FOL(40° CA) CARB ZONE (MN SHAER)	610 612	46		14	
		612 614.5	47		20	
650.9 - 658	DARK GREY ARGILLACEOUS ARGOSE ⇒ ARGILLITE - F. GR., SIL, ⇒ CHL	614.5 620	48		28	
	+ QTZ-L FRACT.	620 625	49		<10	
		625 630	64950		<10	
658 - 725	MEDIUM GREY ARGILLACEOUS ARGOSE - MED GR, MN HEM	630 635	51		<10	
	TINT (ANK) ~10% SIL & QTZ-L STR ⇒ FRACT, MN THIN BREC BANDS	635 640	52		66	
	663.1-664.9 - ≈ 50% SIL STR.	640 645	53		36	
		645 648	54		136	
	666.2-667.3 - F.GR, DARK GREY, SIL, ≈ 5% GREY QTZ CONCS	648 651	55		64	
	<2% PY	651 654	56		64	
	673-673.8 - RECRYST QTZ-CARB ZONE, MN BRECCIATED W/R	654 657	57		205	
	682.3-684.9 - ⇒ SER-HEM FRACT ALV HALDES	657 660	58		73	
		660 663	59		66	
		663 666	64960		<10	
		666 669	61		112	
		669 672	62		160	
		672 675	63		36	
		675 678	64		20	
		678 681	65		61	
		681 684	66		<10	
		684 687	64967		<10	

## Drill Hole Record



Property	GARRCON	District		Hole No.	GAR-20
Commenced		Location		Tests at	Hor. Comp.
Completed		Core Size		Corr. Dip	Vert. Comp.
Co-ordinates				True Brg.	Logged by
Objective				% Recov.	Date

Footage From To	Description	From (FT)	To (FT)	Sample No.	Length	Analysis			
						Av (ppb)			
658-725	MEDIUM GREY ARGILLACEOUS ARKOSE (CONTIN.)	637	690	64968		20			
	638.3-691.1 BRECCIA ZONE 70% FRAGS IN FLAT GREY	690	693	67		15			
	SILICA MATRIX, <2% PY	693	696	64970		36			
	AF 706.4 - ↓ & LHL FRACT.	696	699	71		182			
	711.3 ↓ > PY ⇒ PATCHY FGR CONCS (UP TO 5%)	699	702	72		580			
	718.1-719 LAMP DYKE - ALK. STRETCHED SIL-CARB PODS	702	705	73		328			
	≈ 20° CA	705	708	74		143			
		708	711	75		30			
725-745.4	TRON FORMATION - MODERATELY MAGNETIC, 95% VF GR -	711	714	76		70			
	APHANITIC, DARK GREY-BLACK, VAGUE THIN BANDS (LIGH TER-LIERS)	714	718	77		20			
	HIGHLY VARIABLE BLA - SMALL SCALE FOLDS PARALLEL FOLDS	718	720	78		18			
	↑ MIRRORING - FAULTING COMMON (MOST CONSISTENT ⇒ 30° BLA)	720	723	79		16			
	727-722.4 - MN HEM TINT	723	726	64980		73			
	≈ 5% PATCHY LURE CONCS PY THROUGHOUT	726	729	81		42			
	GRADATIONAL LOWER BOUNDARY	729	732	82		1,100			
		732	735	83		226			
745.4-765.4	VARIABLELY GREY ARGILLACEOUS ARKOSE - F-MED GR, ≈ 5%	735	738	84		215			
	QFZ FRACT, TR SER, MN SIL ZONES, <2% PY THROUGHOUT	738	741	85		119			
		741	744	86		114			
		744	747	87		40			
		747	750	88		38			
		750	753	64989		30			

# Drill Hole Record



Property GARRLON District \_\_\_\_\_ Hole No. GAR-20

Commenced \_\_\_\_\_ Location \_\_\_\_\_ Tests at \_\_\_\_\_ Hor. Comp. \_\_\_\_\_

Completed \_\_\_\_\_ Core Size \_\_\_\_\_ Corr. Dip \_\_\_\_\_ Vert. Comp. \_\_\_\_\_

Co-ordinates \_\_\_\_\_ True Brg. \_\_\_\_\_ Logged by \_\_\_\_\_

Objective \_\_\_\_\_ % Recov. \_\_\_\_\_ Date \_\_\_\_\_

Footage From To	Description	From To (FT. FT.)	Sample No.	Length	Analysis		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.
					A <sub>0</sub>	(ppb)						
745.4-765.4	VARIABLELY GREY ARGILLACEOUS ARGOSE (CONTIN)	753 756	64990		20							
	759.3 - V → PATCHY SER ALY. ≈ 2% PY (SOME PATCHY F.G.R. LONCS), MN HEM ALY - 1 THIN STONE UNIT	756 759	91		20							
	761.5-763 ≈ 6-1" MILKY QTZ VEIN SYSTEM	759 761.5	92		22							
	763-764.1 → CHL FRACT	761.5 763	93		410							
		763 766	94		410							
		766 769	95		410							
765.4-804.5	MEDIUM GAY ↓ DARK GREY ARGILLACEOUS ARGOSE - T.M.D	769 772	96		410							
	GRADATIONAL SEQUENCES → TO DARK F.G.R. (765.4-772.4 + 772 775)		97		24							
	775.4-804.5, ≈ 20% QTZ-C FRACT, MN SIL SER. HEM ALY	775 778	98		28							
	BLA = 45°? SER → ↓ IN BOTH SEQUENCES (STR W/R CONC)	778 781	99		16							
	783-789.6 - MILKY QTZ STR + CHL + SER ALY	781 784	65000		22							
	792.2-792.3 - → SER	784 787	62051		410							
	≈ 2% PY DISSEM THROUGH SECTION	787 790	52		20							
		790 793	53		22							
804.5-817	MEDIUM GREY ARGILLACEOUS ARGOSE - F-MED GR., MN HEM.	793 795	54		28							
	TINT, ≈ 5% CHL FRACT, TR QTZ-C FRACT, RARE SER.	795 798	55		410							
	RIMS, ≈ 2% PY	798.1 799.6	56		30							
		799.6 803	57		410							
		803 806	58		410							
		806 809	59		410							
		809 812	62060		P <sub>12</sub>							
		812 815	62061		P <sub>12</sub>							

## Drill Hole Record



Property	GARRCON	District		Hole No.	GAR-20
Commenced		Location		Tests at	Hor. Comp.
Completed		Core Size		Corr. Dip	Vert. Comp.
Co-ordinates				True Brg.	Logged by
Objective				% Recov.	Date

Footage		Description	From	To	From To (FT) (FT)	Sample No.	Length	Analysis	Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.
From	To													
817	876.3	DARK GREEN-GREY ARBILLITE - ARBILLACEOUS ARKOSE - SIL, > V BANDS	815	817	815	817	62062	40						
		SIL MATRIX BRECCIA (+ MN DARK GY QTZ) > DISSEM PATCHY PY,	817	820	817	820	63	10						
		PATCHY VAGUE HEM ALT, MN MED GR DARK GY ZONES,	820	823	820	823	64	16						
		822-822.4 BRECCIA - DARK SIL GROUNDMASS	823	824.5	823	824.5	65	20						
		822.4-824.5 < CHL FRACT + OVERALL ALT.	824.5	827	824.5	827	66	18						
		824.5 - < UP TO 10% DISSEM PY	827	830	827	830	67	18						
		SER + HEM HALO QTZ SER CONE ZONES	829.5	831	829.5	831	68	10						
		AT 833 + STRETCHING & ORIENTATION OF CHL FRACT + HEM	833	836	833	836	69	12						
		RLN FRAGS ≈ 30°	836	840.2	836	840.2	62070	12						
		840.2-843.2 HIGHLY SER ALT ZONE (YELLOW-BEIGE), EX-	840.2	843.2	840.2	843.2	71	22						
		TENSIVE QTZ FRACT NETWORK, MN HEM ALT, BRECCIATED	843.2	846	843.2	846	72	30						
		LOCALLY (CHERT MATRIX), < SER > BRECC AT BASE, VAGUE ≈ 30°	846	849	846	849	73	26						
		STRETCH FOLIATION NOTED ON CHERT SPARDS + CONCS OF SER	849	851	849	851	74	24						
		ALT ≈ 2% PY	851	854	851	854	75	410						
		843.2-866.4 SER BANDS ≈ 20% (< V) ≈ 30° CA, DARK	854	857	854	857	76	410						
		+ LIGHT GREY XCUT QTZ FRACT (10%) ≈ 30°-50° CA. → CUT	857	860	857	860	77	410						
		860-863 SER ZONES BUT NOT SOME INTERIOR RELATED QTZ FRACT.	860	863	860	863	78	410						
		MN HEM - PATCHY + SER CONCS, MN BRECCIATED, AT 849 1/2"	866.4	870	866.4	870	62080	12						
		ORANGE MILKY QTZ STR, ≈ 30° CA, MN BRECC <sup>UP</sup> SER HALO	870	875	870	875	62081	410						
		866.4-871.5 - << ALT SER BANDS, ≈ 5% VFG PY DISSEMS, STRETCH												
		-RD TRXT (CHL OR ARG BANDS) → 20°-40° CA												
		871.5-876.3 - SIM. TO 840.2-843.2 < INTENSITY, + PY												



Scale

Colour Plot  
& Dips

## Drill Hole Record

Property GARRCON District \_\_\_\_\_ Hole No. GAR-20

Commenced \_\_\_\_\_ Location \_\_\_\_\_ Tests at \_\_\_\_\_ Hor. Comp. \_\_\_\_\_

Completed \_\_\_\_\_ Core Size \_\_\_\_\_ Corr. Dip \_\_\_\_\_ Vert. Comp. \_\_\_\_\_

Co-ordinates \_\_\_\_\_ True Brg. \_\_\_\_\_ Logged by \_\_\_\_\_

Objective \_\_\_\_\_ % Recov. \_\_\_\_\_ Date \_\_\_\_\_

Footage From To	Description	FROM TO (FT) (FT)	Sample No.	Length	Analysis	Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.
876.3-881.8	TRANSITION ZONE - > QTZ STRY VEINS (SCISSORING) ↓	875 880	62032		<10						
		880 885	33		<10						
881.8-890	DARK GR BLACK QTZ-CARB-SHL SCHIST, -WELL FOLIATED (30°-50°)-	885 890	84		<10						
	-(885'→), LENTICULAR LENSES STR, ≈ 2% PY // STR CONC, TALC	890 895	85		<10						
	S-20%	895 900	36		<10						
		900 905	62037		<10						
890-905	MEDIUM-LIGHT GREEN SCHIST - MOD FOLIATED QTZ CARB										
	THROUGHOUT + STRY LENSE CONCS, AN HEM IN QTZ										
	CARB ZONES (ALT), VUGGING COMMON, HIGHLY CAL LOCALLY,										
	OVERALL F-MED GR TEXT, MAJOR DE FROM ZONE ABOVE										
	> SIL FLOUR, 55-10% PATCHY CURIL CONC LENSES										
905	EOH										

Sheet 13 of 17

## Drill Hole Record



Property GARRLOW District COLLIHANE Hole No. GAR-21  
 Commenced DEC 13/86 Location GARRISON TWP. Tests at 0 200' 400' 460' Hor. Comp.  
 Completed DEC 15/86 Core Size BQ Corr. Dip 45° 49° 48° 43° Vert. Comp.  
 Co-ordinates 8+80 W 200 N True Brg. 152° 130° Logged by J.H. HEIDEMA  
 Objective EXTENDING GARRLOW SOUTH MINERALIZED % Recov. 100% Date DEC 17/86  
ZONE WESTWARD

Footage From To	Description	From (FT)	To (FT)	Sample No.	Length	Analysis			
						Fe	Pb	Zn	Cu
0-8	CASING (7' OVERBURDEN)	8	10	62088	32				
		10	15	89	20				
8-60.5	MASSIVE - FINE GRAINED ARGILLITE - DARK - MEDIUM GREY -	15	20	62090	16				
	GREEN, WELL DEV FOL - ≈ 70° CA, IRREG BANDED, MN DARK SILIC	20	25	91	29				
	BANDS, RARE BANDS OF VALUE ERG-LIKE BIEGE CONCS. ≈ 5%	25	30	92	10				
	QTZ STR + QZ + CHL FRACT, VARIABLY WEAKLY MAG + MN	30	35	93	22				
	MAGNETITE RICH BANDS (FRAGS?) - MIN PY PATCHY UNIL PY.	35	40	94	20				
	≈ 10% DISSEM PY THROUGHOUT, MN DEEP RED HEM QZ STR	40	45	95	16				
	ALT.	45	50	96	20				
25-29.7	STRONGLY MAGNETIC OXIDE IRON FORMATION	50	55	62097	29				
	2" BANDING - (EXTENSIVE FRACT + FOLDING) ≈ 30-45°								
	MN MED GREY ARG-ARK BAND 27.8-23.8								
29.7-51.4	A) ORIGINAL + ≈ ARK COLOUR + GRANULAR								
	TEXT NEAR CENTER OF ZONE, IRREG PY CONCS								
	+ STR FRACT ≈ 5% OVERALL, MN PATCHY IRREG								
	SHAPED DARKER ZONES (OVERPRINTING GRANUL TEXT)								
	42.3-43.1 ARG-ARK SIL INFILL BRECCIA								
	QTZ STR - GV, SEVERAL ALT, ≈ 15% PY W/R AT 50.2								
	- MILKY AT 48								
	AT 48.9 ≈ ALT. BIEGE BRCK CHL INFILL 5-10% PY								
51.4-55.9	STRONGLY MAGNETIC OXIDE IRON FORMATION								
	SIM TO 25-29.7, ≈ FRACT + FOLD, MN ARG FRAGS								
	≈ ARG CHARC. ↓								

## Drill Hole Record



Property		District	Hole No.												
Commenced		Location	Tests at		Hor. Comp.										
Completed		Core Size	Corr. Dip		Vert. Comp.										
Co-ordinates		True Brg.		Logged by											
Objective		% Recov.		Date											
Footage		Description	From	To	Sample No.	Length	Analysis	Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet	
From	To		(FT)	(FT)											
3	60.5	MASSIVE - FINE GRAINED ARGILLITE (CONVN.)	55	57.5	62098		70								
		55.9-60.5 → SIL, VAGUE LIBERTY BRECCIA NEAR TOP	57.5	60.5	99		10								
		57.5-60.5 ≈ 5% DARK GREY QTZ STR + 5% PYRIM PY	60.5	65.7	62000		210								
		STR → RED-BN ALV HALOES (230-45' CA.)	65.7	70	101		16								
			70	75	2		16								
60.5	65.7	LAMP DYKE - ALV, HIGHLY CARB THROUGHOUT (MN STR),	75	80	3		32								
		MEDIUM GREEN, ≈ 25% CHL? PHENO, < 1% PY, GRANULAR	80	86.1	4		<10								
		TEXT GROUNDMASS (GR → ←)	86.1	90	5		<10								
			90	95	6		<10								
65.7	76.4	MASSIVE - FINE GRAINED ARGILLITE - SIL, PRK?, DARK GREY GREEN	95	100	7		12								
		MN QTZ + CHL FRAGS, < 5% DISSEM PY	100	103.4	62107		20								
		65.7-69.5 → ALV SIM, TO 55.9-60.5													
		73.5-74 → HEM OVERALL, → QTZ STR + ASSO., PATCHY PY LINGS.													
26.4	86.1	DARK-MEDIUM GREY ARGILLACEOUS ARKOSE, F-MED. GR, FAIRLY													
		UNIFORM TEXT, MN HEM ALV → PY, MN URIF. CARB (+STR), < 2% QTZ													
		+ CHL FRAGS, → PY NEAR TOP,													
		AT 83 MILKY QTZ + STR. ↓ → HEM → SIL													
86.1	101	LAMP DYKE - ALV, - CARB THROUGHOUT, ≈ 20% CHL PHENO.													
101	105.4	DARK-MEDIUM GREY ARGILLACEOUS ARKOSE - SIM TO 76.4-86.1													

# Drill Hole Record



Property GARCON District \_\_\_\_\_ Hole No. GAR-21

Commenced \_\_\_\_\_ Location \_\_\_\_\_ Tests at \_\_\_\_\_ Hor. Comp. \_\_\_\_\_

Completed \_\_\_\_\_ Core Size \_\_\_\_\_ Corr. Dip \_\_\_\_\_ Vert. Comp. \_\_\_\_\_

Co-ordinates \_\_\_\_\_ True Brg. \_\_\_\_\_ Logged by \_\_\_\_\_

Objective \_\_\_\_\_ % Recov. \_\_\_\_\_ Date \_\_\_\_\_

Footage From To	Description	From (FT)	To (FT)	Sample No.	Length	Analysis		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.
						Moisture	Py						
101-105.4	DARK-MEDIUM GREY ARGILLACEOUS ARGOSE (CONTIN.)	105.4	110	62109		20	40						
	= 15% QTZ + MAG CHL STR, - IRREG. HEM. SEP. HALOES	110	115	62110		30	20						
	= 5% PY (OFTEN QTZ STR CONC), MN IF FRAGS	115	120	11		20	30						
		120	125	12		20	20						
105.4-132.1	ARGILLITE - ARGILLACEOUS LEAN IF - DARK GREY, FINE GRAINED,	125	130	13		40	20						
	SIL, WEAK-MOD MAG, MN LOCAL STRONG BANDS (30°-90° CA.)	130	135	14		30	40						
	110 & HEM SEP. QTZ + CHL STR TO MN LOCAL	135	140	15		20	30						
	GRADATIONAL BASAL CONTACT	140	145	16		10	20						
		145	151.7	17		40	8						
132.1-145.9	IRON FORMATION - MODERATELY-STRONGLY MAGNETIC SS BANDING	151.7	153.8	18		10	10						
	= 70% B.C.A., PY CURES + PART CONC 2-10% - LOCALLY 40%	153.8	156.7	62119		10	12						
	139.5-136 BLOOD RED CONCS IN IF, VAGUE GRADING												
	SHARP LINES AT 137.5, 142.9, 144.9												
	AT 140.1 3 // QTZ STR (MILKY) = 1/2" - MN PY, SPEC												
145.9-149.6	ARGILLITE - ARGILLACEOUS LEAN IF - SIM TO 105.4-132.1												
	145.9-149.6 GRADATIONAL CONTACT - < MAG ↓												
	149.6-151.7 > BRECCIA ↓, HEM ALT. SIL GROUNDMASS, ≈ 5% VEG PY												
151.7-153.8	FAULT ZONE - CHL-QTZ-LARG SCHIST - VARIABLE FOL.												
153.8-182.7	Q.F.P. - MED GR, 20% PHENO, MN QTZ-C STR → MN SPEC, < 2% PY												

## Drill Hole Record



Property		District	Hole No.				
Commenced		Location	Tests at	Hor. Comp.			
Completed		Core Size	Corr. Dip	Vert. Comp.			
Co-ordinates		True Brg.		Logged by			
Objective		% Recov.		Date			
Footage		Description	From To	Sample No.	Length	Analysis	
From	To					Phos	
153.8	182.7	QFP. (CONTIN) - MN HEM ALY	156.7	161.6	62120		<10
		156.7-161.6 LAMP DYKE - RELATIVELY UNALTERED, EQUILIB. NEAR MARGINS, TR KENOLITHS, TR QTZ-C STR	161.6	165	21		14
			165	170	22		13
		161.6 $\nabla$ HEM ALY (in along CHL + QTZ FRACT ZONES), $\approx$ 5% QTZ-C STR, $\approx$ 2% PAREN PY CONCS (MN DISSEM)	170	175	23		18
			175	180	24		12
		170.2-182.7 CONTACT ZONE - DARK GREY $\rightarrow$ LIGHT GREY, $\approx$ 10% QTZ-C STR, GRANULAR TEXT NEAR BASE	180	182.9	25		<10
			182.9	186	26		180
			186	190	27		30%
182.9	212.9	INTERMEDIATE - FELSK DYKE? - LIGHT OLIVE GREEN ( $\nabla$ SIL) TO LIGHT GREEN $\nabla$ , MN V-FE FELD PHENO, MED GREY-GREEN - COARSER GRAINED NEAR BASE, TOP - MASSIVE, APHANITIC, $\approx$ 5-10% QTZ-C FRACT, $\approx$ 5% PY THROUGHOUT (FRACT-CONC)	190	195	28		28
			195	200	29		22
			200	205	62130		54
			205	210	31		33
		182.9-187.7 - HIGHLY SEP, MN HEM TONE $\nabla$ QTZ STR, $\approx$ 10% PY	210	212.9	32		20
		$\nabla$ TO 186 - SIM. MN TONE AT 201.8	212.9	215	33		16
		210.2-212.9 - SIM. TO ORIGINAL, SIL, DARK GR-VERMILION RED, 10% QTZ STR	215	219.5	34		<10
			219.5	224.2	35		<10
			224.2	230	36		40
212.9	236	FAULT ZONE $\rightarrow$ CHL - QTZ - CARB - SCHIST $\rightarrow$ WAXY FOL $\approx$ 35° = 5-10% FRACT CONC PY, MN FAULT GOUGE	230	236	62137		40
		219.5-224.2 - LARGE SIL BANDS (MN ARELLIA), $\approx$ 5% PAREN PY CONCS AT 221.3 MILKY QTZ VEIN (1") $\rightarrow$ 25' CA.					

# Drill Hole Record



Property	GARRDM	District		Hole No.	GAR-21
Commenced		Location		Tests at	Hor. Comp.
Completed		Core Size		Corr. Dip	Vert. Comp.
Co-ordinates				True Brg.	Logged by
Objective				% Recov.	Date

Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.
-------	--------	------------	-------	--------	----------

Footage From To	Description	From (FT)	To (FT)	Sample No.	Length	Analysis	
						Phos	
236-242.2	ARGILLACEOUS ARKOSE - DARK GREY GREEN, FINE-MED GRAINED, MN	236	240	62138		60	
	CHERTY BANDS, ≈2% QZ SER, <5% ALV, >MAG, ≈5% PY	240	245	39		<10	
		245	250	62140		12	
242.2-257.5	MASSIVE IRON FORMATION - MN CHERTY BANDS, VARIABLE SS	250	255	41		26	
	BCA, MN ARG, ≈5% LUBES (DISSEM) PY	255	260	42		16	
	248.2-251.1 WEAKLY MAG ARG	260	265	43		14	
	251.1-252.9 CHL-QZ-CARB SCHIST, MN PATCHY	265	270	44		<10	
	PV (SHEAR)	270	275	45		12	
		275	280	46		<10	
257.5-332.8	MEDIUM - DARK GREY ARGILLACEOUS ARKOSE - FINE TO MEDIUM	280	285	47		<10	
	GRAINED, VARIABLY WEAKLY MAGNETIC (RARE FRAGS), MN FL TAN SER	285	290	48		<10	
	ALV + HEM ALV, 5-10% QZ-C SER, <5% CHL-MAG FRAGS, ≈5% PY	290	293	49		<10	
	DISSEM PY (MN FRAGS + PATCHY CONC)	293	296	62150		16	
	276.5-277 IF - 1" MILKY QZ SER - 25" BCA	296	299	51		<10	
	278.9-280.2 SILICIFIED ≈20% PY, MOD MAG.	299	302	52		<10	
	287-288.4 >SER, SIL ALV, MN HEM	302	305	53		<10	
	296.2-297.5/300.4-301.9 - DISTINCT BRECCIA ZONES, MED CLAY	305	307	54		<10	
	GREY SILICA INFILTR - MATRIX	308	311	55		<10	
		311	314	56		<10	
		314	317	57		<10	
		317	320	58		<10	
		320	323	62157		<10	

## Drill Hole Record



Property		District	Hole No.								
Commenced		Location	Tests at								
Completed		Core Size	Corr. Dip								
Co-ordinates		True Brg.		Logged by							
Objective		% Recov.		Date							
Footage		Description	From	To	Sample No.	Length	Analysis				
From	To		From	To			Dhal				
257.5	332.8	MEDIUM-DARK GREY ARGILLACEOUS ARKOSE - (CONTIN.)	323	326.4	62167		10				
		326.4 - 328.1 = SIL. IN FOLDS VARIABLY SHAPED	326.4	328.1	61		<10				
			328.1	331	62		<10				
332.8	344.7	TRANSITION ZONE - IREG. LENSES CHL-QTZ-CARB SCHIST (MED	331	335	63		<10				
		FOLIATED) INTERBANDS WITH DK GY (B.N. TINT) ARG. ARK. (ALSO AS	335	340	64		<10				
		FRAGS), > FOL ↓, > CHL ALT ↓, MN PARALLEL PY (DISSEM + PARTLY)	340	345	65		12				
			345	350	66		<10				
344.7	450.9	DPFZ - CHL-QTZ-CARB SCHIST STRONG FOL (=30°-50° CA) DIPPING	350	355	67		12				
		WELL BY QTZ + CARB BANDS + LENSES (PARTLY PYLIMONITE), FREQUENT	355	360	68		12				
		MED-DK GY-GN, VUGGING COMMON, VARIABLE WEAK MAG., MARK	360	365	69		<10				
		364.2 - 364.2 = ↓ MN ALT ARG ZONES, = FOL INTENSITY	365	370	62170		16				
		364.2 - 372.5 ARG ARK - MED GY, MED GR, MN CHL	370	375	71		<10				
		BANDS, ≈ 5% QTZ + STR, < 2% DISSEM PY, NEAR	375	380	72		<10				
		= MED MAG ↓	380	385	73		<10				
		372.5 ↓ 3 FT' TRANSITION TO CHL-QTZ-CARB SCHIST	385	390	74		10				
		(AS ORIGINAL - VARIABLE INTENSITY ALT.)	390	395	75		<10				
		395.1 - 400.2 ARKOSE - GRAYW - RELATIVELY UNALTERED, DK	395	400.2	76		40				
		MED GY-GN, GRANULAR TEXT → ≈ 55° GRAIN SIZE	400.2	405	77		10				
		BANDING, MN DISSEM PY	405	410	78		14				
		410.1 - 411.3 AS ABOVE	410	415	79		<10				
			415	420	62180		40				
			420	425	62181		<10				

# Drill Hole Record



Property GARRLON District \_\_\_\_\_ Hole No. GAR-21

Commenced \_\_\_\_\_ Location \_\_\_\_\_ Tests at \_\_\_\_\_ Hor. Comp. \_\_\_\_\_

Completed \_\_\_\_\_ Core Size \_\_\_\_\_ Corr. Dip \_\_\_\_\_ Vert. Comp. \_\_\_\_\_

Co-ordinates \_\_\_\_\_ True Brg. \_\_\_\_\_ Logged by \_\_\_\_\_

Objective \_\_\_\_\_ % Recov. \_\_\_\_\_ Date \_\_\_\_\_

Claim \_\_\_\_\_ T Brg. \_\_\_\_\_ Collar Dip \_\_\_\_\_ Elev. \_\_\_\_\_ Length \_\_\_\_\_ Hole No. \_\_\_\_\_ Sheet 7 of 7

Footage From To	Description	FROM FT	TO FT	Sample No.	Length	Analysis			
						pphm			
	<u>DPFZ (CONTIN.)</u>	<u>425</u>	<u>430</u>	<u>62132</u>		<u>&lt;10</u>			
	<u>439.8-450.9 ≈ INTENSIVE SCHISTOSITY, 7 TALC?, ≈ 30%</u>	<u>430</u>	<u>435</u>	<u>83</u>		<u>12</u>			
	<u>FAULT GOUGE</u>	<u>435</u>	<u>440</u>	<u>84</u>		<u>12</u>			
		<u>440</u>	<u>445</u>	<u>85</u>		<u>16</u>			
<u>450.9-467.</u>	<u>FELDSPAR PORPHYRY - ≈ 30% FELD LATHS IN VARIABLY GRAIN</u>	<u>445</u>	<u>450</u>	<u>86</u>		<u>10</u>			
	<u>SIZED (MED-APHAN), MED BY GROUNDMASS, ≈ 2% FRAGT FILL</u>	<u>450</u>	<u>455</u>	<u>87</u>		<u>12</u>			
	<u>+ CONC PY (22 462.2, 466.2), MN FOL - LATH ORIENTATION.</u>	<u>455</u>	<u>460</u>	<u>88</u>		<u>10</u>			
		<u>460</u>	<u>465</u>	<u>89</u>		<u>10</u>			
		<u>465</u>	<u>467</u>	<u>62170</u>		<u>&lt;10</u>			
<u>467</u>	<u>E.O.H.</u>								



## Drill Hole Record



Property GARRCON District COCHRANE Hole No. GAR-22  
 Commenced DEC 16/86 Location GARRISON TWP. Tests at 0 100 300 500 700 937 Hor. Comp.  
 Completed JAN 8/87 Core Size BQ Corr. Dip 75° 43.5 43.5 26.5 32 37.5 Vert. Comp.  
 Co-ordinates 200 E, 100 N True Brg. 150° 11.5° Logged by J.H. HEIDEMA  
 Objective FILL-IN HOLE BETWEEN G0-36-10 + % Recov. \_\_\_\_\_ Date \_\_\_\_\_  
G0-36-15 (TARGET SOUTH ZONE)

Footage From To	Description	From To (FT) (FT)	Sample No.	Length	Analysis		
					TSR	TSR	Vene
0 - 6	CASING (3' OVERBURDEN)	0 6.5	62491	20			
		6.5 12.6	92	100			
6 - 6.5	MEDIUM GRAY ARGILLACEOUS ARKOSE - MEDIUM GRAINED, RELATIVELY UNALTERED	12.6 14	93	22			
		14 20.6	94	276			
		20.6 25	95	211			
6.5 - 18	TAN - LIGHT GREEN ARGILLACEOUS ARKOSE - HIGHLY ALTERED, OFFEN IRREG. BREGCIATED CONCS, MN ORANGE COLOUR, FGR. - ADHANTIC ≈ 2% DISSEM CONCS PY, ≈ 20% DK GY (SIL HEM?) STR - WITH MN MILKY QTZ CONCS (IRREG), < 2% MILKY QTZ STR - X FRACT COMMON 11.6 ↓ > HEM, > ORANGE COLOUR 12.6 ↓ > ORANGE 14 46.8 17.8 15.9 ↓ > LT GN COLOUR < ↓ 18	25 30	96	91			
		30 35	97	40			
		35 40	98	18			
		40 46.8	99	29			
		46.8 47.8	62500	30			
		47.8 51.6	1	364			
		51.6 55	2	217			
18 - 162.7	MEDIUM - DARK RED TINT ARKOSE - ARGILLACEOUS ARKOSE - FINE - MEDIUM GRAINED, MN BROWN - (SER) + ORANGE TINT, < ↓ BREG ZONES ≈ 5% DARK GY STR + FRACT. GEN < ↓ ALT TO MN SER + HEM. 58.8 63 20.5-23.1 KAMP - LT GN, ADHANTIC GROUNDMASS, ≈ 30% CORRODED PHENO. OTHER MN LAMPS AT 35.8, 39 (> 4/R PY) AT 42.2 1/2" MILKY QTZ STR, 15° LD, 5% CPY PATCHES 46.8-51.6 > ALT (SER, DK GY STR, ORANGE) ≈ 6 MILKY QTZ STR (1/4"-1/2") ≈ 10% PY THROUGHOUT - DISSEM, FRACT + PYCHA CONCS 57.5-58.8 ≈ 1 IRREGULAR QTZ VEIN SYSTEM, ≈ 10% PY + CUBE IN QTZ 63-66.2 > SER + ORANGE ALT, ≈ 15% IRREG QTZ STR ≈ 2% FRACT PY	55 57.5	3	84			
		57.5 58.8	4	4,000	110	122	
		58.8 63	5	79			
		63 66.2	62506	194			

## Drill Hole Record



Property	GARRLON	District		Hole No.	GAR-22
Commenced		Location		Tests at	Hor. Comp.
Completed		Core Size		Corr. Dip	Vert. Comp.
Co-ordinates				True Brg.	Logged by
Objective				% Recov.	Date

Footage From To	Description	From (FT)	To (FT)	Sample No.	Length	Analysis			
						pphm			
13-162.7	MEDIUM-DARK RED TINT ARKOSE (CONTINUED)	66.2	72.3	62507		18			
	70.7-72.2 LT GN SIL LAMP DYKE, APHAN GROUNDMASS, DK GN P/END	72.3	74.9	8		16			
	72.3-74.9 QTZ VENO - TANGY TEST (MOSTLY MILKY), BARREN JUST FOR	74.9	78.9	9		24			
	MINOR PY 72.2-72.3 (CONTACT) + CHL FRACT WITH MN CPY	80	85	62510		16			
	76-77 > ALF (MORE PRONOUNCED FL SER + ORANGE STAIN)	85	90	11		54			
	90-91 > FL SER + FRACTS OF LT RED BREC FRAGS.	90	91	12		231			
	93.3-95.4 MN > SER + HEM + > CHL FRACT (=15%) > QTZ-L = 95'	91	93.8	13		22			
	103-115.2 > HEM + SER ALV BREC APPEARANCE (UP TO 20% CHL + DK QTZ (HEM) SER + FRACT, 5-10% PY - DISSEM + FRACT	93.8	95.4	14		36			
	115.5-117.2 DK GY QTZ-HEM STR = 20% (=1/8") 40' CA, ~ 5-10% FRACT + PATCHY CONC PY, AT 117 > MCHY PY	95.4	100	15		47			
	119-120.5 > FL SER	100	103	16		40			
	AT 126 - MASSIVE CPY IN QTZ STR	103	106	17		45			
	130-131 - > DISSEM PY	106	109	18		136			
	AT 126 - MASSIVE CPY IN QTZ STR	109	112	19		130			
	130-131 - > DISSEM PY	112	114.2	62520		54			
	131.3, 135.9 1" MILKY QTZ VEINS	114.2	115.5	21		20			
	134.8 - 1" GY QTZ STR, SER ALV RIM WITH FRACT PY	115.5	117.5	22		89			
	136.4 - PATCH OF CPY	117.5	120	23		<10			
		120	125	24		50			
		125	130	25		35			
		130	135	26		523			
		135	140	27		34			
		140	142.8	62528		87			

# Drill Hole Record



Property	GARCON	District		Hole No.	GAR-22
Commenced		Location		Tests at	Hor. Comp.
Completed		Core Size		Corr. Dip	Vert. Comp.
Co-ordinates				True Brg.	Logged by
Objective				% Recov.	Date

Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.
					30711

Footage From To	Description	From (FT)	To (FT)	Sample No.	Length	Analysis			
						Moist	Py	Bit	Py
17-162.7	MEDIUM-DARK RED TINT ARKOSE (CONTINUED)	142.3	146	62529		75			
	142.3-150.1 - MED-LT. GY. F.G.P. ARK, ALF. BANDS BRIGHT	146	150.1	62530		75			
	RED + LT GN-BEILE (BOTH APPEAR) @ 10% DK GY QTZ-HEM	150.1	151.5	31		87			
	FRACT, <math>2\%</math> QTZ-C STR, 5-10% PY - DISSEM, PATCH + FRACT	151.5	155.9	32		1500	1000		.030
	(> PY ASSOC. > HEM)	155.9	157	33		10000		.290	.212
	157-162.7 > ALF, VARIABLE BLOOD RED + LT GN BANDS (ALSO STR CONC)	157	159.6	34		2200		.064	.078
	<math>5-10\%</math> PY - DISSEM, PATCH + FRACT LONCS (> PY > HEM), <math>2\%</math> QTZ-C	159.6	162.7	35		425			
	STR, <math>10\%</math> DK GY STR + FRACT.	162.7	169.5	36		538			
	155.9-157 > HEM ALF, >> SER, <math>30\%</math> QTZ STR, <math>10\%</math> PY STR	169.5	174.3	37		54			
	AT 161.5 BRECCIA IN BK GY QTZ.	174.3	180.3	38		50			
		180.3	185.3	39		75			
162.7-195.9	LIGHT GREY-GREEN MEDIUM GRAINED ARGILLACEOUS ARKOSE - MN BAND	185.3	190	62540		20			
	> HEM, SER ALF (+ QTZ STR RIM ALF + > PY), <math>2\%</math> QTZ STR, <math>5\%</math>	190	193.1	41		16			
	DK GY FRACT + STR, <math>2\%</math> DISSEM PY, <math>5\%</math>	193.1	195.9	42		20			
	(169.5-174.3 > QTZ STR + DK GY QTZ STR + FRACT. > HEM + SER	195.9	200	43		10			
	(180-185.3) ALF (ALSO AS HALDES), + > PY, SPEC HEM, CHL AT BASE	200	203	62544		40			
	185.3-190 AS ORIGINAL + IARRED DK GN WAVY BANDING								
	190-195.9 LT GY-GN, 193-194.6 > SIL								
195.9-462	RELATIVELY UNALTERED DARK-MEDIUM GREY ARGILLACEOUS ARKOSE - <math>5\%</math> SIL,								
	FINE-MEDIUM GRAINED, <math>2\%</math> MILKY QTZ-C STR (GEN 0-35in) - MN LARGE SER.								
	HALDES, UP TO <math>2\%</math> PY, POSSIBLE REMNANT BEDDING (25° B.C.A)								

# Drill Hole Record



Property	GARRLON	District		Hole No.	GAR-22
Commenced		Location		Tests at	
Completed		Core Size		Corr. Dip	
Co-ordinates				True Brg.	
Objective				% Recov.	
				Date	

Claim	
T Brg.	
Collar Dip	
Elev.	
Length	
Hole No.	

Footage		Description	FROM	TO	Sample No.	Length	Analysis			
From	To		(FT)	(FT)			Pbb	PTL	ISL	Venc
195.9	462	RELATIVELY UNALTERED ARGILLACEOUS ARGOSE (CONTINUED) MN ARG.	205	210	62545	-1	50			
		205 ↓ COARSER, LIGHTER, >CHL, UP TO 5% QZL STR, >PY NEAR STR.	210	215	45	-2	23			
		SOME STR HAVE ALT HALOES.	215	220	46		44			
		AT 220 - MN LAMP DYKE	220	225	47		20			
		225-236.4 > SIL ↓, UP TO 10% QZL STR (MN HEM, SER ALT RIMS >), GRAN.	225	230	48		26			
		TEXT, REDDISH TINGE THROUGHOUT	230	235	49		16			
		238-239.7 > SER HEM ALT, > BLACK QZL, > PY (LAMP CONTACT ALT)	235	239	62550		20			
		239.7-240.8 LAMP DYKE - ALT, LV BN, = 60% CHL PHENO, GRAN GROUNDMASS	238	239.7	51		22			
		261.3-266.1 >> BLOOD RED ALT, > SER IN BANDS + STR RIM CONC, ≈ 5% PY PREDOM FRACT CONC.	239.7	245	52		20			
			245	250	53		16			
		276.3-280.9 S-10% QZL-C STR + ASSOC HEM + SER ALT RIMS	250	255	54		110			
		285-287 AS ABOVE	255	261.3	55		217			
		288.9-289.9 BARREN MILKY QZL VEIN ≈ 30' CA. 292-1" PYRPHL SER	261.3	266.1	56		1900			
		297.5-301.7 LAMP DYKE LV GY-BN, 10-20% QZL CHL PHENO BAND	266.1	270	57		6)			
			270	275	58		67			
			275	280	59		36			
			280	285	62560		156			
			285	289.9	61		2200	1900		064
			289.9	289.9	62		1500			
			289.9	295	63		900			
			295	300	64		46			
			300	305	62565		50			



## Drill Hole Record



Property	GARRLON	District		Hole No.	GAR-22
Commenced		Location		Tests at	Hor. Comp.
Completed		Core Size		Corr. Dip	Vert. Comp.
Co-ordinates				True Brg.	Logged by
Objective				% Recov.	Date

Footage From To	Description	FROM (FT)	TO (FT)	Sample No.	Length	Analysis			
						Claim	T Brg.	Collar Dip	Elev.
195.7-462	RELATIVELY UNALTERED ARGILLACEOUS ARGOSE (CONTINUED)	415	420	62583	28				
	422.5 - 3" QTZ STR SYSTEM, SER, MN HEM RIM, ≈ 5% FRACT PY	420	425	89	26				
	428.8 2" GRANULAR TYPE MILKY QTZ VEIN.	425	430	62590	40				
	433.2-435.4 DK GY-GN FRACTS - > PY CONCS, WAVY ARG LENSES (20'-30' B/LA), MN HEM-SER FRACT CONC	432	435	71	22				
		435	440	72	30				
		440	445	73	69				
462-485.8	462 ↓ > GENERAL HEM ALT SIM TO 195.9-462	445	450	74	<10				
	463 - 1/2" LT GY QTZ SER, 20'-90° CA, MN PLAG?, VALVE > HEM HALO	450	455	95	<10				
		455	460	76	16				
	478 ↓ > SER ALT, UP TO 10% QTZ SER, UP TO 5% VEG PY	460	465	97	<10				
		465	470	98	20				
485.8-536.5	MED-DARK GREY ARGILLITE - ARGILLACEOUS ARGOSE - > DISTINCTION PROMINENCE OF ARG BANDS, VF-MED GR, 20'-40' B/LA, ≈ 5% QTZ-C SER, ≈ 2% DISSEM PY.	470	475	99	20				
		475	480	62600	10				
		480	485	1	<10				
	487-488.5 MASSIVE ARG	485	490	2	10				
	490-492.8 F.GR, MD GN, SIL, > FRACT CONC PY ≈ 5% WITH SER ALT RIMS, MN CPY?, MN RECRYST SIL ZONE - CER. PY, HEM 492.8-494.8 HALO	490	492.8	3	125				
		494.8	497	4	<10				
		494.8	497	5	10				
	492.8-494.8 SHEAR? - BANNED CONCS CHL PHEND, EPARTIC CONCS PY CURE ≈ 2%, > FOL ↓, CHERTY BANDS DK GY- LT GY.	497	497.5	62606	26				
	497-497.5 > HEM ALT FRACT, > PY - PATCHY & DISSEM								



## Drill Hole Record



Property	GARRLON	District		Hole No.	GAR-22
Commenced		Location		Tests at	
Completed		Core Size		Corr. Dip	
Co-ordinates				True Brg.	
Objective				% Recov.	
					Hor. Comp.
					Vert. Comp.
					Logged by
					Date

Footage From To	Description	From (FT)	To (FT)	Sample No.	Length	Analysis	
						ppb	ppm
556.5-618.4	MEDIUM GREY ARGILLACEOUS ARKOSE (CONTIN.)	575	600	62629		28	
	608.5-612 >> SIL, LT GREY, (RED TINGE), = 5% VFG FRAGT PY,	600	605	62630		<10	
	MN SSR, FEW CARB RILI BANDS, PRONOUNCED FOL (STR)	605	608.5	31		14	
	= 60° CR, POSSIBLE VAGUE REMNANT DREL. TRKT.	608.5	612	32		10	
	612 << HEM ALT	612	615	33		10	
		615	620	34		<10	
618.4-724.2	MEDIUM-DARK GREY GREEN ARGILLITE-ARGILLACEOUS ARKOSE - F GR,	620	625	35		18	
	> PROMINENT DISTINCT ZONES OF THIN ARG BANDS (BLP. 25°-40°)	625	630	36		97	
	= 2% FRAGT CONC PY, MN MD GR ZONES - 12 632.5	630	635	37		515	
	641.6-642.8 = 5% DK GR QSZ SSR - SER + HEM ALT THROUGHOUT, 635 641.6			38		14	
	= 15% PY IN ALT - F GR => CLR FRAGT +/OR CUBES	641.6	642.8	39		10	
	647.4-667 MAJOR BANDS MED GR, MED GR ARK WITH LT GR - VN 642.8 645			62640		32	
	SSR-ARL BANDS, < 2% WT - C STR	645	650	41		16	
	679.6-680 SIL, CARB, HEM BAND + SER RIMS, = 5% PY	650	655	42		22	
		655	660	43		285	
		662	665	44		<10	
		665	670	45		<10	
		670	675	46		<10	
		675	680	47		<10	
		680	685	48		<10	
		685	690	49		<10	
		690	692	62650		<10	



## Drill Hole Record



Property	GARRLON	District		Hole No.	GAR-22
Commenced		Location		Tests at	
Completed		Core Size		Corr. Dip	
Co-ordinates				True Brg.	
Objective				% Recov.	
					Hor. Comp.
					Vert. Comp.
					Logged by
					Date

Footage From To	Description	From FT)	To (FT)	Sample No.	Length	Analysis	
						Ph	Q
612.4 - 724.7	MEDIUM - DARK GREY GREEN ARGILLITE - ARGILLACEOUS ARKOSE (CONTIN)	694.2	694.2	701		14	
	694.2 - 694.8 SIM TO 611.6 - 642.8	694.8	700	2		<10	
	205' $\nabla$ $\angle$ $\neq$ + DISTINCTION OF ARG BANDS	700	705	3		<10	
	722.7 - 723.2 SIM TO 641.6 - 642.8	705	710	4		40	
		710	715	5		<10	
724.2 - 774.3	ALTERED LAMPROPHIRE DYKE - MED GY-GN, VARIABLELY HEM STAINED	715	720	6		32	
	THROUGHOUT - MN UNALT ZONES, MN DISTINCT HEM GRANS, MN CARB, 720	720	724.2	7		<10	
	ACICULAR GN PHEND (SOME ALT TO LT GN) - MN BLD PHEND	724.2	730	8		50	
	730.4 - 743.1 DARK GY F.GR, ARG ARK - HIGHLY SER (	730	732.4	9		56	
	FRACT + BANNED (CONCS), MN DK GY VEINS - AREC, MN SER	732.4	733.6	710		<10	
	732.4 - 733.6 SER STR CONC ZONE, $\approx$ 5% PY CUBES	733.6	740	11		50	
	752.4 - 753.1 SHEAR - SIL - SIL + MN EPIDOTE	740	745	12		52	
		745	750	13		12	
774.3 - 786.6	DARK GREY ARGILLACEOUS ARKOSE - F + MED GR, MN THIN ARG	750	755	14		18	
	BANDS, $\approx$ 10% QTZ-C STR WITH SER RIMS (5-10% PY CUBES IN	755	760	15		<10	
	R.M), $\angle$ GEN ALT + $\neq$ OF STR	760	765	16		<10	
	785 - 786.6 LT BN - BEIGE IREG ALT THROUGHOUT	765	770	17		10	
		770	775	18		<10	
786.6 - 803	MEDIUM GREEN ARGILLACEOUS ARKOSE - F.GR., ALMOST MASSIVE,	775	777	19		12	
	$\angle$ 1% QTZ-C STR	777	780	720		40	
		780	785	721		42	
	793' $\nabla$ = QTZ-C STR (SER RIMS), ARG BANDING MN - VARIABLE	785	790	22		<10	
	(20-45% B.C.A.) $\nabla$ $\neq$ SIL, $\nabla$ $\neq$ L.GR.	790	795	723		<10	

## Drill Hole Record



Property	GARRLON	District	Hole No.	GAR-22
Commenced		Location	Tests at	Hor. Comp.
Completed		Core Size	Corr. Dip	Vert. Comp.
Co-ordinates			True Brg.	Logged by
Objective			% Recov.	Date

Footage From To	Description	From (FT)	To (FT)	Sample No.	Length	Analysis		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.
						Phos	SO <sub>4</sub>						
803-815.4	MEDIUM GREY (WEAR RED TINT) ARGILLACEOUS ARKOSE - MED GR	795	800	724		<10							
	814.7-815.4 QTZ-C STR WITH ALT SER-HEM RIM, ≈ 5% PY	800	803	25		<10							
		803	805	26		10							
815.4-862.2	MEDIUM GREY GREEN ARGILLACEOUS ARKOSE - MED-C GR (GRANITE)	805	808	27		<10							
	≈ 5% DISSEM PY, LT BN ARG OR VF G SER BANDS (≈ 35° PCA)	808	810	28		16.6	1900						
	AT 826.7 1/2" QTZ STR, ≈ 20% DISSEM PY IN HEM SER ALT	810	813	29		46							
	RIM, ≈ 35° CA.	813	817	730		40							
	831.8-835.3 ALT. LAMP DYKE, ≈ 20% PHENO, MN REA	817	835.4	31		700							
	TINT THROUGHOUT	834	838	32		28							
	835.3 6 AS ORIGINAL, > QTZ-C STR, > SIL, > SER RIMS,	838	840	33		<10							
	MN > HEM ALT	840	843	34		<10							
	837.6-840.3 3 MN QTZ-C STR ≈ 3" HEM-SER ALT HALVES	823	826	35		10							
	WITH UP TO 10% PY	826	829	36		16							
	844.9-845.6 TOLY LITH BREL (ALT/LNALT), LT BY SIL	829	832	37		36							
	INFUS MATRIX	832	835	38		20							
		835	836	39		18							
		837.6	840.3	740		418							
		840.3	843	41		140							
		843	846	42		26							
		846	849	43		14							
		849	852	44		48							
		852	855	745		113							

# Drill Hole Record



Property	GARRCON	District		Hole No.	GAR-22
Commenced		Location		Tests at	
Completed		Core Size		Corr. Dip	
Co-ordinates				True Brg.	
Objective				% Recov.	
				Hor. Comp.	
				Vert. Comp.	
				Logged by	
				Date	

Footage From To	Description	FROM FT	To FT	Sample No.	Length	Analysis		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.
						pphm	ppb						
815.4-862.2	MEDIUM GREY GREEN ARGILLACEOUS ARGOSE (CONTIN.)	855	858	746		900							
	855-862.2 → VARIABLE INT. HEM + SER ALT THROUGHOUT.	858	860	47		1180	4300						
	MDD FRACT CONC LT-GR BY QTZ-L STR, 8-10% PY IN STR	860	862.2	48		3000	2500						
	FRACT + W/R, < 2% CHL PATCHES + SER	862.2	867.2	49		<10							
	855-858 CHR. LATE QTZ STR ~ 11 TO C.A., ABUNDANT	857.2	868.6	750		140							
	CHL	868.6	871	51		<10							
		871	875	52		<10							
862.2-927	<u>DPFE</u> CHL-QTZ-CARB SCHIST (+/- TALC) MED-DR GREEN,	875	880	53		<10							
	VERY SOFT, MDD WELL FOL (35-50° LA) QTZ IN LENSE,	880	885	54		<10							
	BAND + ROD CONCS (S-40°), ~ 5% PY - PATCHY CONCS	885	890	55		<10							
927 EOH.	863-863.3 SIM FB 860-862.2	890	895	57		<10							
	867.2-868.6 " " " "	895	900	58		<10							
	897.3-898.5 LAMP DYKE - DR GR-BN, MDD CARB.	900	905	59		<10							
		905	910	60		<10							
	EOH.	910	915	761		<10							
		915	920	62		<10							
		920	925	63		<10							
		925	927	764		<10							

## Drill Hole Record



Property GARRLON District LOCHANE Hole No. GAR-23  
 Commenced JAN 9/87 Location GARRISON TWP. Tests at 0 200 400 600 800 977' Hor. Comp.  
 Completed JAN 13/87 Core Size BQ Corr. Dip 45 40.5 41 41 41 41 Vert. Comp.  
 Co-ordinates 13+00 E, 0+50 N True Brg. 150 Logged by J.H. HEIDEMA  
 Objective EXTEND GARRLON SOUTH MIN ZONE EAST % Recov. \_\_\_\_\_ Date JAN 15/87

Footage		Description	FROM (FT)	TO (FT)	Sample No.	Length	Analysis			
From	To						PH	SA		
0	10	CASING (OVERBURDEN)	10	15	765		<10			
			15	20	66		<10			
10	131.2	LIGHT-MEDIUM GREY GREEN ARGILLACEOUS ARGOSE - F.G.R., MN	20	25	67		<10			
		MED GR., ±2% QTZ SUR (30-60% CA) SOME WITH SER + PY HALOES,	25	30	68		12			
		VALE COLOUR BANDING (=45% BCA), 2-5% PY DISSEMS - MN FRACT	30	35	69		34			
		MN SER (WEAK BANDS)	35	40	770		18			
		23.6-24.4 MONOLITH BREC IN RECRYST SIL MATRIX	40	45	71		20			
		51.2-52.5 " " " " " "	45	50	72		60			
		64.5-65.8 > OVERALL HEM SIL + PY (≈5%), UNIFORM	50	55	73		87			
		68-76.2 AS ABOVE + FRACT HEM → BREC, 2 MATOR (3")	55	60	74		232			
		QTZ SUR (MILKY)	60	64.5	75		20			
		76.2-84.1 MED SER (BANDS + FRACT CONC) ±2% FRACT PY	64.5	65.8	76		16			
		84.1 ↓ AS ORIGINAL BUT MED-DK GREY GREEN	65.8	70	77		10			
		88-89.3 MN VAGUE SIL INFLU BREC, → PY TO BASE (DISSEM TO 10%)	70	73.2	78		40			
		89.2-101.1 VFG UNIFORM HEM + SER, 5-10% VFG PY (TO 50% LOCAL)	73.2	76.2	79		84			
		≈5% QTZ-C SER	76.2	80	780		30			
			80	85	781		24			
			85	88	82		26			
			88	89.3	83		50			
			89.3	95	84		<10			
			95	99.2	85		<10			
			99.2	101.1	786		32			

## Drill Hole Record

Property GARRLOW District \_\_\_\_\_ Hole No. GAR-23

Commenced \_\_\_\_\_ Location \_\_\_\_\_ Tests at \_\_\_\_\_ Hor. Comp. \_\_\_\_\_

Completed \_\_\_\_\_ Core Size \_\_\_\_\_ Corr. Dip \_\_\_\_\_ Vert. Comp. \_\_\_\_\_

Co-ordinates \_\_\_\_\_ True Brg. \_\_\_\_\_ Logged by \_\_\_\_\_

Objective \_\_\_\_\_ % Recov. \_\_\_\_\_ Date \_\_\_\_\_

Footage From To	Description	From (FT)	To (FT)	Sample No.	Length	Analysis			
						PH	M		
10-131.2	LIGHT-MEDIUM GREY GREEN ARGILLACEOUS ARKOSE (CONTIN.)	121.1	121.5	787		<10			
	101.1-104.5 → STR OF VARIABLE ORIENT, LAMP 104.1-104.2 → RIM	104.5	110	88		10			
	PY HEM CONC	110	115	39		12			
	STR OF INTEREST (≥10% PY IN HEM SER RIMS) AT 109.5, 112,	115	120	790		84			
	121.2, BREC AT 114.5 (<2% PY)	120	125	91		<10			
		125	130	92		29			
131.2-198.5	MEDIUM GREY (HEM TINT) ARGILLACEOUS ARKOSE, <5% Qtz-C STR	130	135	93		24			
	(MN SER ALT), <2% PY	135	140	94		<10			
	136.6-144.1 → STR OF VARIABLE ORIENTATION	140	145	95		16			
	144.1-174 AS ORIGINAL + MOD SER BANDS + 5-10% CHL FRACT.	145	150	96		30			
	AT 145.5 <1/8" MASSIVE PY IN Qtz STR	150	155	97		<10			
	AT 154.3 1/4" BAND 40% PY	155	160	98		14			
	157.8-161 Qtz STR SET (≈20%), MN PY, Q-35 (A)	160	165	99		18			
	AT 165 4" HEM ALT (5% PY) AROUND Qtz STR	165	170	800		10			
	174-172.4 LAMP DYKE → MED-DK GREEN, F-MED GR, ≈30% DARK <sup>GN</sup> BN PHENO (POSSIBLY BIOTITE), ≈5% Qtz	170	174	1		14			
	172.4-172.5 < SER, V WEAK HEM THROUGHOUT, MN SPEC	174	180	2		<10			
		180	182.4	3		14			
		182.4	185	4		259			
		185	190	5		41			
198.5-231.2	MEDIUM GREY ARGILLACEOUS ARKOSE - MED GR, IRREG	190	195	6		30			
	WEAK HEM, V. WEAK TEST, <2% PY	195	198.5	7		32			
		198.5	202	808		<10			

Claim

T Brg.

Collar Dip

Elev.

Length

Hole No.

Sheet 2 OF 11

# Drill Hole Record



Property GARRCON District \_\_\_\_\_ Hole No. GAR-23  
 Commenced \_\_\_\_\_ Location \_\_\_\_\_ Tests at \_\_\_\_\_ Hor. Comp. \_\_\_\_\_  
 Completed \_\_\_\_\_ Core Size \_\_\_\_\_ Corr. Dip \_\_\_\_\_ Vert. Comp. \_\_\_\_\_  
 Co-ordinates \_\_\_\_\_ True Brg. \_\_\_\_\_ Logged by \_\_\_\_\_  
 Objective \_\_\_\_\_ % Recov. \_\_\_\_\_ Date \_\_\_\_\_

Claim \_\_\_\_\_ T Brg. \_\_\_\_\_ Collar Dip \_\_\_\_\_ Elev. \_\_\_\_\_ Length \_\_\_\_\_ Hole No. \_\_\_\_\_

Footage		Description	From To (FT)	Sample No.	Length	Analysis	
From	To					pH	
198.5	231.2	MEDIUM GREY ARGILLACEOUS ARGOSE (CONTIN.)	202	225.7	809		32
		205.7 - 223.3 LT QY ZONE, HEM > 1/2" / 1/4" - STRONGEST HEM SECTION	205.7	220.4	810		14
		210.4 - 215.7 → 5-10% DISSEM + PATENT PY, ≈ 5-10% QFZ - C STR,	210.4	213	11		44
		≈ 5% CML + DK QY QFZ STR	213	25.7	12		30
		202 → MN SHEAR 1/2" CML SLIPS	215.7	220	13		22
		223.3 ↓ MN-MDQ SER + HEM ALT THROUGHOUT	220	223.3	14		46
		MED QY QFZ STR (1"-2") 226.9, 223.7, 225.6, 229.3	223.3	228.5	15		10
			228.5	231.2	16		24
231.2	235.8	MEDIUM GREY GREEN ARGILLACEOUS ARGOSE - RELATIVELY UNALY,	231.2	235	17		<10
		MED GR, 4-2% QTZ - C STR, 4-2% CML FRACT, ≈ 2% DISSEM PY, MN	235	240	18		40
		SER STR ALT	240	245	19		16
		245 - 245.7 QFZ VEIN INHOM, 45° C.A	245	245.7	820		<10
		AT 262 - MN PATCH OF QPY IN QFZ CML STR	245.7	250	21		16
		271.3 - 236.5 = BANDS HEM, SER, SIL, UP TO 5% DISSEM PY,	250	255	22		10
		2-5% QTZ - C STR	255	260	23		10
		231 → 3" INHOM QFZ CML VEIN, TR PY	260	265	24		<10
			265	270	25		14
			270	275	26		<10
			275	280	27		<10
			280	285	28		16
			285	290	29		10
			290	295	830		<10

## Drill Hole Record


 Property GARLEN District \_\_\_\_\_ Hole No. GAR-23

Commenced \_\_\_\_\_ Location \_\_\_\_\_ Tests at \_\_\_\_\_ Hor. Comp. \_\_\_\_\_

Completed \_\_\_\_\_ Core Size \_\_\_\_\_ Corr. Dip \_\_\_\_\_ Vert. Comp. \_\_\_\_\_

Co-ordinates \_\_\_\_\_ True Brg. \_\_\_\_\_ Logged by \_\_\_\_\_

Objective \_\_\_\_\_ % Recov. \_\_\_\_\_ Date \_\_\_\_\_

Footage From To	Description	From (FT)	To (FT)	Sample No.	Length	Analysis	
						pphm	
295.8-400.1	MEDIUM - DARK GREY ARGILLACEOUS MARGOSE - F-MED GA, WEAK-MYD	295	300	31		10	
	HEM + SER BANNED CONES, = 2% QTR - C SER, = 5% CHL FRACT, WEAK	300	304.6	32		30	
	FRACT + SER SER-HEM ALT, = 5% PY	304.6	306.8	33		34	
	298.5-304.6 > INTENSITY SER ALT	306.8	310	34		26	
	304.6-306.3 > " SER + HEM ALT, > PY	310	315	35		32	
	303.4-324.5 = 10 BARREN QTR VEINS (MILKY) 50-90 CA.	315	320	36		10	
	347.6-351.4 = HEM ALT + > ASSOC. FRACT CONC PY, > CHL FRACT	320	325	37		10	
	360-363.9 SER + HEM ALT ARG BAND	325	330	38		171	
	391.2-400.3 = HEM + SIL, MN SER	330	335	39		12	
		335	340	340		10	
		340	345	41		10	
		345	347.0	42		72	
		347.6	350	43		10	
		350	355	44		<10	
		355	360	45		22	
		360	363.9	46		69	
		363.9	370	47		<10	
		370	375	48		10	
		375	380	49		<10	
		380	385	50		<10	
		385	390	51		18	
		390	395	52		10	

Claim

T Brg.

Collar Dip

Elev.

Length

Hole No.

Sheet 11 of 11

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	GARRCON	District		Hole No.	GAR-23
Commenced		Location		Tests at	Hor. Comp.
Completed		Core Size		Corr. Dip	Vert. Comp.
Co-ordinates				True Brg.	Logged by
Objective				% Recov.	Date

Claim

T Brg.

Collar Dip

Elev.

Length

Hole No.

Sheet

50F11

Footage From To	Description	From To (FT) (FT)	Sample No.	Length	Analysis	
					A <sub>0</sub>	pph
295.3-465.1	MEDIUM-DARK GREY ARGILLACEOUS ARKOSE (CONTIN.)	395 400.3	853		84	
	400.3- LAMP DYKE - MED GR-6N, WEAK RED HEM T.I.V.S, MOD	400.3 405	54		<10	
	-412.3 CARB THROUGHOUT, ≈5% CIL FRACT, ≈2% CARB STR, ≈20% HORNBL. PHENO	405 410	55		<10	
		410 415	56		10	
	415.3-415.9 LAMP DYKE - SIM TO ABOVE	415 420	57		<10	
	LAMP DYKES 430.2-435.5, 437.3-440.5, 444.5-445.7, 449.4-450.2	420 425	58		16	
	452.7-465.1 NUMEROUS STRONG HEM ALT BANDS WITH SIL CIL-QTZ	425 430	59		14	
	SCHIST MN MILKY QTZ-L STR, ≈5% DISSEM PY, ≈5% CIL FRACT	430 435	860		18	
		435 440	61		<10	
		440 445	62		10	
465.1-512.8	MEDIUM GREY ARGILLACEOUS ARKOSE - F-MED GR, ≈5% QTZ STR + FRACT WITH STR ALT. - MN HEM - (≈DISSEM PY TO 5%), MN BAND CONGS PY	445 450	63		<10	
		450 455	64		12	
		455 458.7	65		<10	
	474 & MEDIUM-DK GR, TR QTZ-L STR, ≈2% PY, REL. UNALT.	458.7 461	66		412	
	477-499.3 1"-2" QTZ VEIN, INTRON, LT+DK, 10' CA., MN HEM + PY	461 465.1	67		95	
		465.1 470	68		433	
		470 475	67		522	
		475 480	870		60	
		480 485	71		10	
		485 490	72		<10	
		490 495	73		33	
		495 499	874		<10	



## Drill Hole Record



Property	GARLON	District		Hole No.	GAR-23
Commenced		Location		Tests at	
Completed		Core Size		Corr. Dip	
Co-ordinates				True Brg.	
Objective				% Recov.	
					Date

Footage From To	Description	From (FT)	To (FT)	Sample No.	Length	Analysis		
						Au	ppb	
465.1-512.8	MEDIUM GREY ARGILLACEOUS ARKOSE - REL UNALT (CONTIN.)	465.1	472.8	75		210		
	507.4-511 HIGHLY ALT LAMP DYKES - CARB THROUGHOUT, ≈ 20% QZ PDS + VEINS	472.8	507.4	76		70		
		507.4	511	77		210		
512.8-529.6	DARK GREY ARGILLACEOUS ARKOSE - MED GR, ↓ HEM = ↓ C, WEAK CARB THROUGHOUT, SIL, ≈ 5% CHL STR	511	514.5	77		210		
	514.5-529.6 STRONGEST HEM ≈ 5-10% DISSEM + FALTY PY IN ROCK + QZ - C STR	514.5	529.6	80		210		
		529.6	530	82		210		
		530	535	83		210		
529.6-548.1	MEDIUM GREY ARGILLACEOUS ARKOSE - REL UNALT, MD GR, MN QZ - C STR - (RARE SER + HEM RIM ALT), ≈ 2% DISSEM PY	535	540	84		20		
		540	545	85		210		
		545	550	86		22		
548.1-633.5	MEDIUM - LIGHT - RED - GREY - ARKOSE - ARGILLACEOUS ARKOSE - MOD - STRONG HEM, FGR, SIL, ≈ 5% DISSEM PY, ≈ 5% QZ & STR, ≈ 5% CHL FRACT, 555-557.6 ALT ↓	550	555	87		91		
		555	557.6	88		159		
		557.6	559.4	89		22		
	549.6-550.6 LAMP DYKE	559.4	560.7	89		110		
	554.1-558 BAND OF VAR. SER, STRONGEST NEAR CENTER	560.7	565	91		226		
	562.5-576 ALT MORE VARIABLE - SER + HEM MOSTLY AS RIM ALT MED GR, MED LY, LAMP 571-571.5	565	570	92		28		
		570	576	93		49		
	576-578.6 HIGHLY SIL, HEM	576	578.6	94		40		
	578.6-633.5 SIM TO 562.5-576	578.6	585	95		30		
	589.3-591.8 DARK LY-GN ARG BAND	585	590	896		20		

## Drill Hole Record



Property	GARRON	District		Hole No.	GAR-23
Commenced		Location		Tests at	
Completed		Core Size		Corr. Dip	
Co-ordinates				True Brg.	
Objective				% Recov.	
					Date

Claim

T Brg.

Collar Dip

Elev.

Length

Hole No.

Sheet 7 of 11

Footage From	To	Description	From (FT)	To (FT)	Sample No.	Length	Analysis	
							Av	ppb
542.1	633.5	MEDIUM-LIGHT GREY RED ARGOSE ARGILLACEOUS ARGOSE (CONTIN)	590	595	897		74	
		603.4 - 606.4 MN THIN ARG BANDS	595	600.1	78		60	
		611.4 > F.L.R.	600.1	602	79		5400	
		613-615 > GEN ALT	602	605	900		36	
			605	610	1		46	
633.5	664.5	MEDIUM-DARK GREY ARGILLACEOUS ARGOSE - MED GR. REL. UNALT.	610	615	2		314	
		22% DTR-C STR, 22% PY, MN ZONES LT GY, MN THIN	615	620	3		50	
		ARG BANDS (0-20" BCA)	620	625	4		44	
		644.9-645.5 4% C STR WITH SER + HEM ALT Q.M.S. = 10%	625	630	5		200	
		PY, STR. = 70% LA.	630	635	6		28	
		ARGILLITE RICH BANDS 647, 649	635	640	7		410	
		650.4 > GRAN = SER + HEM ALT (MOSTLY STR AND ALT)	640	644.7	8		46	
			644.9	645.5	9		12	
664.5	693.4	MEDIUM GREY-RED ARGOSE - ARGILLACEOUS ARGOSE, F MED GR, > SIL,	645.5	650	910		410	
		MED HEM ALT THROUGHOUT, WEAK SER - MOSTLY STR ALT, 25% DTR-C	650	655	11		22	
		STR, = 5% CAL STR, 22% PY	655	660	12		22	
		GEN ALT 2 >	660	665	13		14	
		675-676.4 > FRAGILE LINE SER, UP TO 10% VARIABLE CONC PY	665	670	14		410	
		679.3-680.9 = 10% PY	670	675	15		410	
			675	679.3	16		410	
			679.3	680.9	17		188	
			680.9	683.5	918		372	

## Drill Hole Record



Property GARRLON District \_\_\_\_\_ Hole No. GAR-23  
 Commenced \_\_\_\_\_ Location \_\_\_\_\_ Tests at \_\_\_\_\_ Hor. Comp. \_\_\_\_\_  
 Completed \_\_\_\_\_ Core Size \_\_\_\_\_ Corr. Dip \_\_\_\_\_ Vert. Comp. \_\_\_\_\_  
 Co-ordinates \_\_\_\_\_ True Brg. \_\_\_\_\_ Logged by \_\_\_\_\_  
 Objective \_\_\_\_\_ % Recov. \_\_\_\_\_ Date \_\_\_\_\_

Claim

T Brg.

Collar Dip

Elev.

Length

Hole No.

Sheet 3 of 11

Footage From To	Description	From To (ft) (ft)	Sample No.	Length	Analysis				
					Av	ppb			
664.5-692.4	MEDIUM GREY-RED ARKOSE - ARGILLACEOUS ARKOSE (CONTIN.)	664.5 684.8	919		410				
	683.5-684.8 MILKY QTZ VEIN <10% BREL CHL FRACT. = 30% C.P.	684.8 688.4	920		410				
	STRONG SIL LAMPS 685.9-689.5 (<10% C.G.R. PY)	685.4 689.1	21		105				
		689.1 692	22		36				
692.4-742.8	LIGHT-DARK GREY ARGILLACEOUS ARKOSE - F-MED GR, MN BANDS WEAK	692 695	23		30				
	SER CONZ, MN HEM + SER FRACT ALT, 2-5% QTZ-C STR, 2% PY	695 700	24		185				
	714.2-715.3 SIL LAMP DYKE	710 715	25		36				
	725.6 LESS ALT	705 710	26		410				
	732.3-733.4 LT GN LAMP DYKE	710 715	27		410				
		715 720	28		28				
742.8-774.5	MEDIUM GREY-RED ARKOSE - C.G.P. MOD HEM ALT THROUGHOUT, SIL	720 725	29		410				
	742.3-747 22% FLG CHL PHENO (ALT LAMP?)	725 730	930		410				
	754.3-757.9 HEM + SER THROUGHOUT UP TO 5% DISSEM	730 735	31		410				
	PY, 2 5% QTZ-C STR (NO HALOES), 5% CHL FRACT.	735 740	32		410				
	762.7-771.6 = SIL (LT GN), MN + PY	740 745	33		410				
		745 750	34		410				
774.5-804.8	MED-DARK GREY ARGILLITE - ARGILLACEOUS ARKOSE - F.G.R. VAGUELY	750 754.3	35		20				
	COLOR BANNED - CHL CONS RELATED, <2% PY, 5% QTZ-C STR	754.3 757.9	36		747				
		757.9 762	37		36				
		762 765	38		410				
		765 769.7	39		10				
		769.7 771.6	940		410				

# Drill Hole Record



Property	GARRLOW	District		Hole No.	GAR-23
Commenced		Location		Tests at	
Completed		Core Size		Corr. Dip	
Co-ordinates		True Brg.		Logged by	
Objective		% Recov.		Date	

Claim  
T Brg.  
Collar Dip  
Elev.  
Length  
Hole No.

Footage From To	Description	From FT	To FT	Sample No.	Length	Analysis					
						Av	ppb				
774.5 - 804.8	MEDIUM-DARK GREY ARGILLITE - ARGILLACEOUS ARKOSE (CONTIN.)	774.6	775	941		10					
	785.5-787 SIL-LAMP CIL SCHIST	775	780	942		<10					
	791.3 > SER+HEM ALT BTH BAND + TRACT, SWONSEY 792-796.5	780	785	943		24					
	SHARP CONTACT	785	790	944		20					
804.8 - 865.4	MEDIUM-LIGHT GREY-TAN (HEM INT) ARKOSTE - MED-L GR, RARE THIN	790	795	945		23					
	ARG BANDS, ~5% QZ-L STR + DK GR STR - 20% SER+HEM HALOES,	795	800	946		46					
	5-10% CIL FACET, ~2-5% PY, TR CPY	800	804.8	947		18					
	821.3-832 LALT, MORE PROMINENT THIN ARG BANDS, LSIL,	804.8	808	948		14					
	FGR,	808	811	949		51					
	844-849 MILKY QZ STR WITH UP TO 5% PY LENSE	811	814	950		46					
		814	817	951		51					
		817	820	952		52					
		820	823	953		4200					
		823	826	954		46					
		826	829	955		14					
		829	832	956		126					
		832	835	957		66					
		835	838	958		194					
		838	841	959		44					
		841	844	960		11,000					
		844	847	961		86					
		847	850	962		30					

## Drill Hole Record



Property	GARLON	District		Hole No.	GAR-23
Commenced		Location		Tests at	
Completed		Core Size		Corr. Dip	
Co-ordinates		True Brg.		Logged by	
Objective		% Recov.		Date	

Footage From To	Description	From (FT)	To (FT)	Sample No.	Length	Analysis				
						Av	ppb			
804.8 - 865.4	MEDIUM-LIGHT GREY TAN (HEM TINT) ARKOSE (CONTIN.)	850	853	963		40				
		853	856	64		26				
865.4 - 921	MEDIUM-DARK GREY ARGILLITE-ARGILLACEOUS ARKOSE - F-MED GR, ARG	856	859	65		4,100				
	BANDING COMMON (=45' B.L.A. BUT VARIABLE) MN FRACT SEP ALT. ≈ 5%	859	862	66		68				
	QTZ-C STR, MN DISTINCT BANDS ARG(≈ 6%), > FGR, ↓ WEAKLY	862	865.4	67		892				
	MAC (LEAN RE?)	865.4	870	68		42				
	865.4 - 870 SEP ALT FRACT.	870	875	69		410				
	877.2 - THIN ARG BANDS BECOME PROMINENT	875	880	970		18				
	887.9 - 891.1 ≈ 20% QTZ-C STR	880	885	71		410				
	915.9 - 917.9 ALT LAMP-LT CYCN RED TINT, UP TO 20% CHL PHEN	885	890	72		38				
		890	895	73		10				
921 - 931.1	MEDIUM-LIGHT GREY GREEN ARGILLACEOUS ARKOSE - F GR, MN MED GR,	895	900	74		40				
	SIL, ≈ 2% PY ≈ 5% QTZ-C STR + RECVST SIL	900	905	75		410				
	921 - 922.6 ≈ HEM ALT, ≈ 5% PY	905	910	76		410				
	925.9 QTZ-C STR - MASON RIMS, 45' CR	910	915.9	77		14				
	928.6 QTZ STR ALT RIM ≈ 2% PY	915.9	917.9	78		410				
		917.9	921	79		20				
931 - 935.7	HIGHLY ALT LAMP DYKE - LIGHT-MED PINK ≈ 2% PATCHY PY, ≈ 5% CHL	921	922.6	980		111				
	FRACT, ≈ 2% QTZ-C STR.	922.6	925	81		37				
		925	928	82		10				
		928	930.6	83		83				
		930.6	933	984		14				

# Drill Hole Record



Property	GARRION	District		Hole No.	GAR-25
Commenced		Location		Tests at	
Completed		Core Size		Corr. Dip	
Co-ordinates				True Brg.	
Objective				% Recov.	
				Date	

Claim  
T Brg.  
Collar Dip  
Elev.  
Length  
Hole No.

Footage From	To	Description	From (ft)	To (ft)	Sample No.	Length	Analysis								
							As	ppb							
935.7	948.2	DARK GREY-GREEN ARGILLACEOUS ARKOSE - F.L.R., ≈ 5% QZ - L STR + PLAG, BREC IN PLACES ≈ 10% LHL + HPM FRAGS. - UP TO 20% LOCALLY, ≈ 2% V.F.G. PY - MN FRAGS CONC, ≈ CHL BREC NEAR BASE	933	935.7	925		46								
			935.7	937	86		58								
			937	942	87		54								
			942	945	88		56								
948.2	997	DPFE CHL-TALL-QZ-CARB SCHIST - DK GY-GN, ≈ 2% PATELY CONCS UNAL PY, MN GRK FRAGS & BANDS, FOL WELL DEV, ≈ 45° CA.	945	948.2	89		46								
			948.2	951	990		10								
			951	955	91		14								
			955	960	92		<10								
			960	965	93		<10								
			965	970	94		12								
997			970	975	95		12								
E.O.H.			975	980	96		43								
			980	985	97		14								
			985	990	98		10								
			990	995	99		<10								
			995	997	1000		<10								

## Drill Hole Record



Property GARRCON District CUCHANE Hole No. GAR-24  
 Commenced JAN 14/87 Location GARRISON TWP Tests at 0' 200' 400' 600' 767' Hor. Comp.  
 Completed JAN 18/87 Core Size T3 G Corr. Dip 45' 42.5' 42' 35.5' 36' Vert. Comp.  
 Co-ordinates 16100 E, 1450 S True Brg. 150° 165° Logged by J.H. HEIDEMA  
 Objective EXTEND GARRCON SOUTH MIN. ZONE EAST. % Recov. Date JAN 20/87

Claim  
T Brg.  
Collar Dip  
Elev.  
Length  
Hole No. Sheet 1 of 2

Footage		Description	From To		Sample No.	Length	Analysis							
From	To		From (FT)	To (FT)			Av	ppb						
0'-27'		CASING (OVERBURDEN)	27	30	69151	23								
			30	33	52	16								
27'-57'		MEDIUM GREY TAN ARKOSE - FGR, SIL, 5-20% CNL FRACT, <5% QZC	33	36	53	330								
		STR, <2% IRREG DISSEM PY / NEAR STR	36	38.8	54	1,572								
		QZC VEINS WITH MN ALT HALVES - 36-36.7 1/2" 30' MN CRY	38.8	43	55	33								
		37.2-38.8 - 1" x 30" MN PY	43	46.3	56	269								
		46.3-54.2 > INTENSITY ALT, (MN RUBBLY ZONES), INTRO OF	46.3	50	57	2,400								
		IRREG HEM ALT, 5-10% CNL FRACT, <5% QZC-L STR.	50	54.2	58	12,300								
		AT 52.3 > ALT & CNL SHEAR (25-35° CA) BOUNDED BY	54.2	57	59	1,100								
		QZC SILARDS & RECRYST SH.	57	60	69160	289								
		54.2-55.7 LT GN <2% PI, DARK GR WISPS + 4-1/2" QZC-L	60	64.5	61	152								
		STR (55° CA.)	64.5	66.3	62	678								
		55.7-57 AS ABOVE, 7-10 STR, > SER, = HEM, ≈ 10-15% PATCHY	66.3	70	63	52								
		+ DISSEM PY NEAR STR	70	73.8	64	312								
			73.8	77.6	65	1,800								
57-168		DARK-LIGHT GREY-GREEN ARGILLACEOUS ARKOSE - F-MED GR, MN	77.6	80	66	443								
		BANDS SER + HEM ALT + FRACT ALT, ≈ 5% FRACT + DISSEM PY	80	85	67	16								
		64.5-66.3 > HEM, MN SER > QZC-L STR, 10-20% PY PATCHY + FRACT	85	90	68	28								
		73-74.2 DK GR ARG BAND, PATCHY + FRACT SER, HEM, <2% PY	90	95	69	74								
		73.8-77.6 5-1/4" QZC-L STR (25° CA.), ≈ 10% DISSEM PY (MN FRACT)	95	100	69170	16								
		23.4 ↓ RELATIVELY UNALT, NUMEROUS MAJOR ARG BANDS, <2%	100	105	71	14								
		QZC STR, <2% DISSEM PY - FRACT CRNL	105	110	69172	12								

## Drill Hole Record



Property GARRLON District \_\_\_\_\_ Hole No. GAR-24  
 Commenced \_\_\_\_\_ Location \_\_\_\_\_ Tests at \_\_\_\_\_ Hor. Comp. \_\_\_\_\_  
 Completed \_\_\_\_\_ Core Size \_\_\_\_\_ Corr. Dip \_\_\_\_\_ Vert. Comp. \_\_\_\_\_  
 Co-ordinates \_\_\_\_\_ True Brg. \_\_\_\_\_ Logged by \_\_\_\_\_  
 Objective \_\_\_\_\_ % Recov. \_\_\_\_\_ Date \_\_\_\_\_

Claim \_\_\_\_\_ T Brg. \_\_\_\_\_ Collar Dip \_\_\_\_\_ Elev. \_\_\_\_\_ Length \_\_\_\_\_ Hole No. \_\_\_\_\_ Sheet 2 of 8

Footage From To	Description	FROM (FT)	To (FT)	Sample No.	Length	Analysis				
						Au	ppb	TSL <sub>py</sub>	TSL	g/t Vane
57'-168	DARK-LIGHT GREY GREEN ARGILLACEOUS ARKOSE (CONTIN.)	110	115.2	69173		10				
	115.2 ↓ 2LTGN, 2 MED GR, UP TO 15% QTZ STR	115.2	119.3	74		61				
	119.3 > CONC PY	119.3	121.2	75		6100				
	126.6-130.9 1/4 MED GY QTE STR ≈ 5% PY ASSOC., 0-5' CA., CHL SER	121.2	126.6	76		310				
	7 HEM ALT THROUGHOUT	126.6	129.1	77		978				
	130.9 ↓ SIM TO 83.4 WITH MN SER ALT BANDS (≈ PY)	129	130.9	78		6500	7900		198	
	145.5-146 MILKY QTZ STR SYSTEM, SER ALT ≈ 5% DISSEM PY	130.9	135	77		165				
	146 ↓ UP TO 10% STR TO BASE	135	140	69180		37				
		140	145	81		28				
168-181.7	ALTERED ARGILLACEOUS ARKOSE - MED-L GR, VARIABLE CARB TSL	145	150	82		275				
	HEM BANDS, SIDERITE, ≈ 5% CHL SER, 5-10% DISSEM PY, ≈ ALT ↓	150	155	83		35				
	HEM BRECCIA 174-177 RUBBLY CORE LOSS-2' 167-177	155	160	84		43				
	WEATHERED -1' 177-187	160	165	85		169				
		165	168	86		122				
181.7-264.9	MEDIUM-DARK GREY ARGILLACEOUS ARKOSE - FGR, MN LT-MD GY SER	168	171	87		1000				
	ARK BANDS, < 5% QTZ STR - ≈ 1/2 WITH HEM ALT HALOES +	171	174	88		2400	2400		.076	
	> LUBIC CONCS PY, MN BAND CONCS HEM	174	177	89		4000	3200		.094	
	177.3-188 CONC OF HEM RICH SER	177	180	69190		1393				
		180	181.7	91		111				
		181.7	185	92		210				
		185	187.3	93		19				
		187.3	188	69194		210				



## Drill Hole Record



Property GARRLON District \_\_\_\_\_ Hole No. GAR-24

Commenced \_\_\_\_\_ Location \_\_\_\_\_ Tests at \_\_\_\_\_ Hor. Comp. \_\_\_\_\_

Completed \_\_\_\_\_ Core Size \_\_\_\_\_ Corr. Dip \_\_\_\_\_ Vert. Comp. \_\_\_\_\_

Co-ordinates \_\_\_\_\_ True Brg. \_\_\_\_\_ Logged by \_\_\_\_\_

Objective \_\_\_\_\_ % Recov. \_\_\_\_\_ Date \_\_\_\_\_

Claim

T Brg.

Collar Dip

Elev.

Length

Hole No.

Sheet 3 of 8

Footage From To	Description	From (FT)	To (FT)	Sample No.	Length	Analysis	
						Av	ppb
181.7-264.9	MEDIUM-DARK GREY ARGILLACEOUS ARKOSE (CONTIN.)	182	190	69195		<10	
	191.6-192.3 CONC OF HEM RRH STR	190	191.6	96		<10	
	> MED GR ↓, > HEM FRACT + BAND ↓, MICRO FAULTS COMMON-DISPL.	191.6	192.3	97		10	
	OF MN ARG BANDS, 252' ↓ = 2% CARB STR	192.3	195	98		10	
		195	200	99		<10	
264.9-334.1	MEDIUM GREY ARGILLACEOUS ARKOSE-ARKOSE (RED TINT) - MED GR,	200	205	69300		<10	
	VARIABLE, BUT CONSIST HEM ALT THROUGHOUT, = 2/3 CORE BELOW.	205	210	1		<10	
	(BROKEN UP), < 2% QTZ-C STR, WEAK MAG THROUGHOUT, < 2%	210	215	2		<10	
	PY DISSEM + MN FRACT CONC	215	220	3		<10	
		220	225	4		10	
		225	230	5		<10	
		230	235	6		<10	
		235	240	7		<10	
		240	245	8		<10	
		245	250	9		<10	
		250	255	69210		<10	
		255	260	11		<10	
		260	265	12		12	
		265	270	13		<10	
		270	275	14		<10	
		275	280	15		<10	
		280	285	69216		10	

# Drill Hole Record



Property GARRLON District \_\_\_\_\_ Hole No. GAR-24

Commenced \_\_\_\_\_ Location \_\_\_\_\_ Tests at \_\_\_\_\_ Hor. Comp. \_\_\_\_\_

Completed \_\_\_\_\_ Core Size \_\_\_\_\_ Corr. Dip \_\_\_\_\_ Vert. Comp. \_\_\_\_\_

Co-ordinates \_\_\_\_\_ True Brg. \_\_\_\_\_ Logged by \_\_\_\_\_

Objective \_\_\_\_\_ % Recov. \_\_\_\_\_ Date \_\_\_\_\_

Claim \_\_\_\_\_ T Brg. \_\_\_\_\_ Collar Dip \_\_\_\_\_ Elev. \_\_\_\_\_ Length \_\_\_\_\_ Hole No. \_\_\_\_\_

Footage From To	Description	From (FT)	To (FT)	Sample No.	Length	Analysis		Collar Dip	Elev.	Length	Hole No.
						Ar	ppb				
264.9-334.1	MEDIUM GREY (OK RED) ARGILLACEOUS ARKOSE - ARKOSE (CONTIN.)	285	290	69217		<10					
	325 ↓ CORE NO LONGER RUBALY 317.7-323 LAMP?	290	295	18		<10					
	337-340 - BROKEN CORE	295	300	19		12					
	340.9-355.3 DARK MED. GN ARGILLITE - FLA, MN MED GR,	300	305	69220		<10					
	≈45° BLD, MN HEM FRACT ALT, <2% QTZ-C SVR,	305	310	21		<10					
	<2% PY - MOSTLY FRACT + SED CONC. <	310	315	22		<10					
	AT 353 4" HEM BAND - CLT MILKY QTZ SVR WITH MN RUBAL	315	320	23		10					
	PY	320	325	24		<10					
	355.3 ↓ MN ALT LAMP	325	330	25		16					
		330	335	26		<10					
334.1-393.8	LAMP DYKE - HIGHLY ALT (CARB), ≈30% OK GN PHENO, LT GY-GN MN	335	340	27		<10					
	HEM ALT THROUGHOUT, <1% QTZ-C SVR.	340	345	28		12					
		345	352	29		26					
		350	355	69230		12					
		355	360	31		14					
		360	365	32		16					
		365	370	33		18					
		370	375	34		65					
		375	380	35		10					
		380	385	36		<10					
		385	390	37		<10					
		390	395	69238		16					

Scale

Colour Plot  
& Dip

## Drill Hole Record



Property	GARLON	District	Hole No.	GAR-24
Commenced	Location	Tests at	Hor. Comp.	
Completed	Core Size	Corr. Dip	Vert. Comp.	
Co-ordinates		True Brg.	Logged by	
Objective		% Recov.	Date	

Claim  
T Brg.  
Collar Dip  
Elev.  
Length  
Hole No.

Footage From To	Description	From (FT)	To (FT)	Sample No.	Length	Analysis			
						Av	ppb		
393.8 - 467.1	MEDIUM-DARK GREY ARGILLACEOUS ARKOSE - F-MED GR, SIL (<SIL ↓), 5-2	395	400	69239	210				
	5% QZ STR + SMALL VEINS, TR LOCAL + FANCY HEM + SER ALT. - PY 75	400	403	69240	12				
	5%, ≈ 5% DK GR QZ-HEM STR, MN CARB STR	403	405.4	41	210				
	ZONES OF ZALT + PY 403-405.4	405.4	412	42	210				
	412-421.6	412	415	43	210				
	436.7-442.1 LT CY, MED GR, MN HEM ALT THROUGHOUT, 2-5% PY	415	419	44	210				
	442.1-446.5 LT CY GN, F.G.R.	419	421.6	45	210				
	446.5-453 SIM TO 436.7-442.1 BUT DK GR	421.6	425	46	210				
	453-467.1 <SIL ↓, <PRONOUNCED ARG BANDS ↓, PATCHY PY CONCS	425	430	47	210				
	460 + 465.6	430	435	48	210				
		435	440	49	210				
467.1 - 495.9	LIGHT GREY ARKOSE - MED GR, REL. UNALT, ≈ 2% C-QZ STR, MN	440	445	69250	210				
	VAGUE ARG BANDING (≈ 40° BLA)	445	450	51	10				
		450	455	52	210				
		455	460	53	210				
		460	465	54	10				
		465	470	55	210				
		470	475	56	210				
		475	480	57	210				
		480	485	58	10				
		485	490	59	210				
		490	495	69260	210				

# Drill Hole Record



Property	GARRCON	District		Hole No.	GAR-24
Commenced		Location		Tests at	
Completed		Core Size		Corr. Dip	
Co-ordinates				True Brg.	
Objective				% Recov.	
				Date	

Claim		T Brg.		Collar Dip		Elev.		Length		Hole No.	
-------	--	--------	--	------------	--	-------	--	--------	--	----------	--

Footage From To	Description	From (FT)	To (FT)	Sample No.	Length	Analysis					
						Au	ppb				
495.9-524.9	DARK-MEDIUM GREY GREEN ARGILLITE-ARGILLACEOUS ARKOSE, F.G.P., REL UNAST, ARG BANDING-THIN VAGUE (≈50° B.C.A.), <2% L-QTZ STR, ca 1% PY → FRACT CONE-MN DISSEM.	495	500	69261		410					
		500	505	62		410					
		505	510	63		410					
		510	515	64		10					
524.9-540.7	MEDIUM-LIGHT GREY ARGILLACEOUS ARKOSE-ARKOSE-MED G.P., REL UNAST, PITTED TEXT, CHL FRACT IN ARG BANDS → ≈45° B.C.A., MN CARB THROUGHOUT, <2% PY, <2% L-QTZ STR	515	520	65		410					
		520	525	66		410					
		525	570	67		10					
		530	535	68		410					
540.7-591.6	DARK GREY-GREEN ARGILLITE-ARGILLACEOUS ARKOSE - SIM TO 495.9-524.9	535	540	69		410					
		540	545	69270		410					
551.6-555.6	MEDIUM-LIGHT GREEN ARKOSE - MN CARB STR - TR HEM RIMS	545	550	71		410					
		550	555	72		410					
555.6-572.2	ALTERNATING SEQUENCES OF ABOVE UNITS	555	560	73		410					
		560	565	74		410					
572.2-603.6	MEDIUM-LIGHT GREY-TAN ARGILLACEOUS ARKOSE - F.G.P., >5% SIL, P SER, ALT, UP TO 20% DK GR QZ-HEM STR, <5% QZ-L STR, SER RIM CONCS, PY 5% TO 20% LOCALLY - (IN >ALT ZONES) IN 573.5-579.6	565	570	75		410					
		570	572.2	76		410					
		572.2	575	77		410					
		575	578	78		410					
		578	581	79		18					
		581	584	69280		410					
		584	588.5	81		410					
		588.5	589.6	69282		410					

## Drill Hole Record



Property	GARRLOW	District		Hole No.	GAR-24
Commenced		Location		Tests at	Hor. Comp.
Completed		Core Size		Corr. Dip	Vert. Comp.
Co-ordinates				True Brg.	Logged by
Objective				% Recov.	Date

Claim

T Brg.

Collar Dip

Elev.

Length

Hole No.

Sheet 7 of 8

Footage		Description	FROM TO		Sample No.	Length	Analysis								
From	To		FT	FT			A <sub>1</sub>	A <sub>2</sub>	A <sub>3</sub>	A <sub>4</sub>	A <sub>5</sub>	A <sub>6</sub>			
572.2	603.6	MEDIUM-LIGHT GREY TAN ARGILLACEOUS ARKOSE (CONTIN.)	589.6	593	69283		12								
		589.6-593.7 ALT	593	596	84		45								
		593.7-603.6 IRREG ALT INTENSITY, PY TO 10% DISSEM PATINY + FRACT	596	598.7	85		42								
		CONC, <5% QTZ-C STR	598.7	601	86		130								
			601	603.6	87		110								
603.6	614	MEDIUM-LIGHT GREY ARGILLACEOUS ARKOSE - MED LG FR. FGR V, <SIL,	603.6	606	88		22								
		5-10% DISSEM PY LOCALLY, 5-20% DK GR FRACTS, MN BANDS	606	608.8	89		16								
		SEA CONC., DK LY TO BASE	608.8	609.5	69290		56								
		609.5-614 SET OF MILKY QTZ STR -> SEA, 7PY	609.5	614	91		24								
			614	620	92		40								
614	767	D.P.F.Z. CHL-ITAC-CARB QTZ SCHIST - DARK GREY-GREEN,	620	625	93		410								
		VARIABLE INTENSITY OF FOL (* + SHAPE OF QTZ-L LENSES &	625	630	94		410								
		BANDS), FOL @ 50-60° CA., ERRATIC CUBIC PY LONCS ~5%	630	638	95		410								
			638	640	96		410								
			640	645	97		410								
			645	650	98		10								
			650	655	99		410								
			655	660	69300		410								
			660	665	1		410								
			665	670	2		22								
			670	675	3		26								
			675	680	69304		16								

Scale

Colour Plot  
& Dip

## Drill Hole Record



Property	GARRON	District		Hole No.	GAR-24
Commenced		Location		Tests at	
Completed		Core Size		Corr. Dip	
Co-ordinates		True Brg.		Logged by	
Objective		% Recov.		Date	

Footage From To	Description	From (FT)	To (FT)	Sample No.	Length	Analysis		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.
						Av	ppb						
614-767	D.P.F.Z. (CONTIN.)	680	685	69305		40							
	CORE LOSS 2.5' 682-687	685	690	6		18							
	" " 2.0' 732-737	690	695	7		14							
767 EDH.		695	700	8		40							
		700	705	9		40							
		705	710	69310		10							
		710	715	11		40							
		715	720	12		40							
		720	725	13		40							
		725	730	14		40							
		730	735	15		12							
		735	740	16		40							
		740	745	17		10							
		745	750	18		40							
		750	755	19		40							
		755	760	69320		40							
		760	765	21		14							
		765	767	69322		40							

Sheet 8 of 8

# Drill Hole Record



Property GARRLON District COLLIANE Hole No. GAR-25 B  
 Commenced JAN 20/87 Location GARRISON TWP. Tests at 0 200 400 537 Hor. Comp.  
 Completed JAN 25/87 Core Size B10 Corr. Dip 45' 40.5 40.5 37.5' Vert. Comp.  
 Co-ordinates 19+00 E, 1+55 S True Brg. 155' 132' Logged by JH. HEIDEMA  
 Objective EXTEND GARRLON SOUTH MIN. ZONE EAST % Recov. Date JAN 26/87

Claim  
 T Brg.  
 Collar Dip  
 Elev.  
 Length  
 Hole No. Sheet 1 of 7

Footage		Description	FROM	TO	Sample No.	Length	Analysis	
From	To		(FT)	(FT)			PROX	
0	18'	CASING (OVERBURDEN)	18	22	69323		12	
			22	22.4	24		<10	
18	150	MEDIUM GREY ARGILLACEOUS ARKOSE - MED GA, REL UNAST., MN BANDS	25.4	30	25		<10	
		WEAK HEM THROUGHOUT (7 PY), PY TO 5% NEAR LAMPS & SHEAR,	30	35	26		210	
		GEN <2% PY, <2% QTZ-CNL FRACT F-SFR	35	40	27		32	
		LAMP DYKES 19-21, 22-25.4 (SHEARED), 25.4-27, 29.4-29.7, 30.9-32.1,	40	45	28		<10	
		AT 37.1, 38.6-39, 60-60.5	45	50	29		<10	
		72.6-87.1 > HEM ALY THROUGHOUT	50	55	69330		<10	
		101.2-113.4 LT GR LN, SOFTER THAN ABOVE, MN UBIQUITOUS	55	60	31		<10	
		CARB. MOSTLY MASSIVE	60	65	32		<10	
		114.3-115.5 SYSTEM OF 30' 1/4" CLEAR QTZ STR	65	70	33		<10	
		WITH MOD SER HEM ALY → PY TO 5-10% PARTLY	70	75	34		<10	
			75	80	35		<10	
			80	82.6	36		<10	
			82.6	87.1	37		<10	
			87.1	90	38		<10	
			90	95	39		10	
			95	100	69340		12	
			100	105	41		<10	
			105	110	42		12	
			110	114.3	43		14	
			114.3	115.5	69344		691	

# Drill Hole Record



Property	GARRLON	District		Hole No.	GAR-25B
Commenced		Location		Tests at	Hor. Comp.
Completed		Core Size		Corr. Dip	Vert. Comp.
Co-ordinates				True Brg.	Logged by
Objective				% Recov.	Date

Claim  
T Brg.  
Collar Dip  
Elev.  
Length  
Hole No.

Sheet 2 of 7

Footage		Description	FROM (FT)	TO (FT)	Sample No.	Length	Analysis		
From	To						ppm Pb	ppm Zn	ppm Cu
12	150	MEDIUM GREY ARGILLACEOUS ARKOSE (CONTIN.)	115.5	120	69345		69	42	
		119.4-120.2 INSITU BRECC = 50% WITH RECRYST SIL MATRIX	120	125	46		42	3A	
		123.4 ↓ AS ORIGINAL, MN SIL	125	129	47		3A	10	
		129.-130.1 DK GR W/TE CHL STR FRACT SYSTEM, WIDE WEAK	129	130.1	48		10	10	
		HEM ALT HALO, UP TO 5% PY	130.1	135	49		10	150	
		143.4-145.9 LT GR, MED-L GR	135	140	69350		150	410	
			140	145	51		4K	152	
150	348	DARK-MEDIUM GREY ARGILLACEOUS ARKOSE - FGR, MN MED GR,	145	150	52		152	93	
		SIL, MN BANDS SER HEM ALT. (CONTINUE TO 187.2), <5% QZ-C	150	155	53		93	512	
		SER, <2% PY, 2-5% CHL FRACT	155	160	54			700	
		153.7-157.9 LT TAN, MED GR, MASSIVE	160	166	55			290	
		166-169.1 MOD SER MN HEM ALT BAND, 7 SIL, ≈10%	166	169.1	56			1900	
		PATCHY PY CONCS	169.1	173	57			1380	
		179.7-180.5 = ALT INTENSITY	173	176	58			3000	
		AT 181.7 4" LAMP	176	178.1	59			3800	4010
		206.6-212.3 LAMP DYKES CENTRE A CORE OF SED BRECC	178.1	181	69360			742	
		HEM SER ALT, ≈30% CHL FRACT, ≈5% PATCHY PY	181	185	61			52	
			185	190	62			22	
			190	195	63			<10	
			195	200	64			342	
			200	204	65			16	
			204	206.6	69364			139	



# Drill Hole Record



Property	GARRCON	District		Hole No.	GAR-25B
Commenced		Location		Tests at	
Completed		Core Size		Corr. Dip	
Co-ordinates				True Brg.	
Objective				% Recov.	
				Date	

Footage		Description	From	To	Sample No.	Length	Analysis			
From	To		(FT)	(FT)			GRA			
150	348	DARK-MEDIUM GREY ARGILLACEOUS ARGOSE (CONTIN.)	206.0	209	69367		859			
		237-239.2 LAMP DYKE, MN MEM A-E, TR XEND	209	212.3	68		52			
		262.4-274.3 LT GNGY, FGR, SIL, IRREG SER HEM CONCS - 5-10% PATCHY PY, GRADES TO ORIGINAL AT BASE	215	220	69370		12			
		> ALT 264-268.5	220	225	71		<10			
		283.2-285 V. WEAK SER, HEM STR ALT - UP TO 5% PATCHY PY	225	230	72		10			
		343-348 > ALT (SER + HEM)	230	235	73		<10			
			235	240	74		10			
348	365.7	MEDIUM-DARK GREY-GREEN ARGILLACEOUS ARGOSE	240	245	75		<10			
			245	250	76		<10			
			250	255	77		<10			
			255	260	78		<10			
			260	264	79		<10			
			264	268.5	69380		119			
			268.5	272	81		10			
			272	275	82		385			
			275	280	83		14			
			280	283.2	84		<10			
			283.2	285	85		16			
			285	290	86		164			
			290	295	87		<10			
			295	300	69388		20			

Claim  
T Brg.  
Collar Dip  
Elev.  
Length  
Hole No.

Scale  
 Colour Plot  
 & Dip

# Drill Hole Record



Property GARRLOW District \_\_\_\_\_ Hole No. GAR-25B

Commenced \_\_\_\_\_ Location \_\_\_\_\_ Tests at \_\_\_\_\_ Hor. Comp. \_\_\_\_\_

Completed \_\_\_\_\_ Core Size \_\_\_\_\_ Corr. Dip \_\_\_\_\_ Vert. Comp. \_\_\_\_\_

Co-ordinates \_\_\_\_\_ True Brg. \_\_\_\_\_ Logged by \_\_\_\_\_

Objective \_\_\_\_\_ % Recov. \_\_\_\_\_ Date \_\_\_\_\_

Claim \_\_\_\_\_ T Brg. \_\_\_\_\_ Collar Dip \_\_\_\_\_ Elev. \_\_\_\_\_ Length \_\_\_\_\_ Hole No. \_\_\_\_\_

Sheet 40F7

Footage From To	Description	From (FT)	To (FT)	Sample No.	Length	Analysis			
						pph			
348-365.7	MEDIUM-LIGHT GREY-GREEN ARGILLACEOUS ARGOSE - MED GR SIL, UP TO	300	305	67387		40			
	5% PY IN SER-HEM ALT BANDS, ≈ 5% QTZ-C STR, ≈ 5-10% DKGY	305	310	67390		42			
	QTZ-HEM + GR CAL MICROFRACT (CUT QTZ STR), FOL ≈ 50° CA.	310	315	91		38			
	PATCHY PY CONCS 353.2, 356.3	315	320	92		<10			
		320	325	93		38			
365.7-381.6	MEDIUM-DARK GREY-GREEN ARGILLACEOUS ARGOSE - FGR, REL UNALY,	325	330	94		23			
	V WEAK HEM ALT THROUGHOUT, ≈ 2% QTZ-C STR, ≈ 2% PY, VAGUE	330	335	95		101			
	FRAG FEAT IN PLACES	335	340	96		10			
		340	345	97		80			
381.6-402	DEEP RED GREY ARGILLACEOUS ARGOSE - FGR, V STRONG HEM ALT, > 1% HCL	345	348	98		120			
	FRACT. APHAN IN PLACES, ≈ 2% PY IN FRACT + PATCHY CONCS, ≈ 2% QTZ	348	351	99		14			
	C-QTZ STR - VUGGING COMMON	351	354	69400		10			
		354	357	1		<10			
		357	360	2		<10			
		360	363	3		10			
		363	367	4		<10			
		367	370	5		<10			
		370	375	6		10			
		375	380	7		<10			
		380	385	8		<10			
		385	390	9		<10			
		390	395	69410		<10			

# Drill Hole Record



Property	GARRLON	District		Hole No.	GAR-2513
Commenced		Location		Tests at	
Completed		Core Size		Corr. Dip	
Co-ordinates				True Brg.	
Objective				% Recov.	
					Date

Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.
					Sheet 5 of 7

Footage From To	Description	From (Ft)	To (Ft)	Sample No.	Length	Analysis	
						ppm	
402-417.7	LAMP DYKE - MED-LT GN, ±15% HOAR PHEND (EQUIGRAN), MOD CARB, -	395	398	69411		<10	
-414.7	-UBIQUITOUS, MN HEM STAIN, WEAK-MOD MAG THROUGHOUT	398	402	12		<10	
	412.7-414.7 ALT CONTACT ZONE - MOD-HIGHLY CARB	402	405	13		<10	
		405	410	14		10	
414.7-456.9	DARK GREY ARGILLACEOUS ARKOSE - FGR MN THIN ARG BANDS, MN	410	412.7	15	1	<10	
	V WEAK SER + HEM TINGES, 2-5% PY VFB DISSEM, - PATCHY + FRAG	412.7	414.7	16	2	<10	
	CONC. - (OFTEN ASSOC. WITH HEM ALT.) 2-5% Qtz-L STR	414.4	420	17	3	<10	
	MN LAMP DYKELETS AT 445.5, 446.7, 448.4, 450.2, 450.6	420	425	16	4	14	
		425	430	17		<10	
456.9-467	SEQUENCE OF ALT LAMP DYKES + MN DARK GREY-RED ARG ARK	430	435	69428		<10	
	±2% PATCHY PY VARIABLE INTENSITY OF FOL	435	440	19		<10	
		440	445	69420		<10	
467-519.4	VARIABLY BANDED LIGHT-DARK GREY ARGILLACEOUS ARKOSE - FGR,	445	450	21		12	
	NON-MOD HEM ALT, MN THIN ARG BANDS (50' B.C.A.) 2-5% PY	450	455	22		<10	
	LN HEM SECTIONS, MN Qtz-L STR	455	458.9	23		22	
		458.9	460	24		<10	
		460	463	25		50	
		463	466	26		90	
		466	469	27		<10	
		469	472	28		<10	
		472	475	29		<10	
		475	478	69430		<10	

# Drill Hole Record



Property	GARRCON	District		Hole No.	GAR-25B
Commenced		Location		Tests at	
Completed		Core Size		Corr. Dip	
Co-ordinates				True Brg.	
Objective				% Recov.	
				Date	

Claim  
 T Brg.  
 Collar Dip  
 Elev.  
 Length  
 Hole No.

Footage		Description	From	To	Sample No.	Length	Analysis	
From	To		(FT)	(FT)			pphm	
467	519.4	VARIABLY BANDED LIGHT-DARK GREY ARGILLACEOUS ARGOSE (CONTIN.)	478	481	69431		<10	
		492.8-501 SAND SEAM	481	481	32		<10	
		522.5-524.8 LAMP - DK GN, SLIGHTLY AL	484	487	33		<10	
		AT 511.7 AS ABOVE (DYKELET)	487	490	34		<10	
			490	493	35		<10	
519.4	525.7	DARK STEELY GY ARGILLITE - VFG, GRADES TO 522.6, MASSIVE, MN	493	496	36		<10	
		- MOD CARB (UBIQUITOUS + MN LENSES)	496	499	37		<10	
			499	502	38		<10	
525.7	537	D.P.F.Z. - TALC - CHL - QTZ - CARB SLTIST MED-DK GYGN,	502	505	39		<10	
		VARIABLE TEXTURE (QZ + CARB BANDS LENSES + IRREG FODS)	505	505	69440		<10	
		INTENSITY OF FOL DEVELOPMENT VARIES NIL - STRONG, FOL	508	511	41		<10	
		VARIES 40-70°, PATCHY BY CONCS - 22%	511	514	42		<10	
		527-537 - 2' CORE LOSS	514	517	43		22	
		547-557 - 3' CORE LOSS	517	520	44		14	
			520	523	45		24	
			523	525.7	46		14	
			525.7	530	47		<10	
			530	535	48		14	
			535	540	49		18	
			540	545	69450		<10	
			545	550	51		<10	
			550	555	69452		<10	

Scale  
 Colour: Plot  
 & Dips

# Drill Hole Record



Property <i>GARRCON</i>	District	Hole No. <i>GAR-25B</i>	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet <i>7 of 7</i>
-------	--------	------------	-------	--------	----------	---------------------

Footage From	To	Description	From (FT)	To (FT)	Sample No.	Length	Analysis			
							pph			
<i>527.7-537'</i>		<i>DPFL. (CONTN.)</i>	<i>555</i>	<i>560</i>	<i>67453</i>		<i>&lt;10</i>			
			<i>560</i>	<i>565</i>	<i>54</i>		<i>&lt;10</i>			
			<i>565</i>	<i>570</i>	<i>55</i>		<i>14</i>			
			<i>570</i>	<i>575</i>	<i>56</i>		<i>&lt;10</i>			
			<i>575</i>	<i>580</i>	<i>57</i>		<i>&lt;10</i>			
<i>587'</i>			<i>580</i>	<i>585</i>	<i>58</i>		<i>&lt;10</i>			
<i>EQH.</i>			<i>585</i>	<i>587</i>	<i>69459</i>		<i>&lt;10</i>			

## Drill Hole Record



Property GARRISON District COCHRANE Hole No. GAR-26  
 Commenced JAN 26/87 Location GARRISON TWP Tests at 0 200 400 600 800 Hor. Comp.  
 Completed JAN 30/87 Core Size BQ Corr. Dip 45° 42.5° 35.5° 33° 31° Vert. Comp.  
 Co-ordinates 4+00 E 9+00 N True Brg. 346° 345° Logged by J.H. HEIDEMA  
 Objective % Recov. 100% Date FEB 5/87

Claim

T Brg.

Collar Dip

Elev.

Length

Hole No.

Sheet  
10F3

Footage		Description	From (FT)	To (FT)	Sample No.	Length	Analysis				
From	To										
0	27.8	CASING (OVERBURDEN)	27.8	31.5	69460		<10				
			31.5	35	61		<10				
27.8	68	MEDIUM GRAY (MOD RED TINT) ARGILLACEOUS ARKOSE - MED GR, MN SER, IRREG CONCS BLACK "HEM" STR (PAGM FOL 40-70" CR.)	35	40	62		45				
		10% VERY THIN DISCONTINUOUS LIGHT GR QTZ STR (15%) - AVIS-DES	40	45	63		28				
		LOCALLY CONSISTENT, <2% PY, SIL	45	50	64		18				
		31.5-68 HEM ALT VARIES W-V.S. (STRONGEST = MIDSECTION)	50	55	65		14				
		HEM-15 GR SER = 5% - LOCALLY >, PY TO 5% - DISSEM PATCHY + FRACT -	55	60	66		80				
		> HEM ALT. RECRYST MED GR QTZ AT 44'	60	64	67		<10				
		64-65.8 PINK C-QTZ STR 5%, MN FL PY	64	65.8	68		<10				
			65.8	70	69		<10				
			70	75	69470		34				
68	194	MEDIUM GREY - GREEN ARGILLACEOUS ARKOSE - MED GR, MN	75	80	71		55				
		BANDS HEM ALT, RELATIVELY UNALT THROUGHOUT, MN SER + HEM	80	85	72		18				
		FRACT ALT, <5% PY - MOSTLY DISSEM, 2-5% DK HEM + QTZ STR, V. ALP	85	90	73		14				
		BEDDING 20°?, <HEM ↓	90	95	74		70				
		AT 100.8 BROKEN ROCK	95	100	75		16				
		AT 103.5 1" 40' QTZ VEIN MN PY	100	105	76		18				
		111-156 VERY WEAK HEM TINT THROUGHOUT, <2% PY, <2% QTZ	105	110	77		20				
		STR, ≈ 5% CHL STR	110	115	78		<10				
		BROKEN CORE 112-114, 121.5, 127	115	120	79		<10				
			120	125	69480		20				
			125	130	69481		16				

## Drill Hole Record



Property	GARRCON	District		Hole No.	GAR-26
Commenced		Location		Tests at	Hor. Comp.
Completed		Core Size		Corr. Dip	Vert. Comp.
Co-ordinates				True Brg.	Logged by
Objective				% Recov.	Date

Footage From	To	Description	From (FT)	To (FT)	Sample No.	Length	Analysis		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.
							Wt. %	Gr. %						
68-194		MEDIUM GREY-GREEN ARGILLACEOUS ARGOSE (CONTIN.)	130	135	69472		<10							
		156-194 ↓ ARG BANDS + GEN COMP TO DK GY-GM FGR.	135	140	83		<10							
		AT 176', 176' ↓ NO HEM ALT, <2% PY = 5% IRREG QZ-C	140	145	84		<10							
		STR + THIN ARG BANDS, <2% FRACT BLACK HEM, BGA AT 35'	145	150	85		<10							
			150	155	86		12							
194-290.5		LIGHT-MEDIUM GREY ARGILLACEOUS ARGOSE - WEAKLY-MOD SIL +	155	160	87		10							
		HEM (BAND CONES), MN ARG BANDS, <2% QZ-C STR, <2% DISSEM PY	160	165	88		10							
		TO 5% WITH HEM ALT. TR STR SER ALT, MN VEG DK GY QZ SAND	165	170	89		<10							
		UNITS 5-10% BROKEN CORE 197'	170	175	69490		<10							
		(OVERALL HIGHLY VARIABLE TEXT + COLOUR THROUGHOUT)	175	180	91		<10							
		STRONG HEM ALT ZONE 198.3-201.2 WEAR TO 205.1	180	185	92		<10							
		WITH PATCHY PY	185	190	93		16							
			190	194	94		<10							
			194	198.8	95		16							
			198.8	201.2	96		10							
			201.2	205.1	97		12							
			205.1	210	98		<10							
			210	215	99		10							
			215	220	69505		14							
			220	225	8001		<10							
			225	230	2		<10							
			230	235	8003		14							

# Drill Hole Record



Property	GARRLOW	District		Hole No.	GAR-26
Commenced		Location		Tests at	Hor. Comp.
Completed		Core Size		Corr. Dip	Vert. Comp.
Co-ordinates				True Brg.	Logged by
Objective				% Recov.	Date

Claim	
T Brg.	
Collar Dip	
Elev.	
Length	
Hole No.	30FZ

Footage From	To	Description	From (FT)	To (FT)	Sample No.	Length	Analysis			
							PP56			
194	290.5	LIGHT - MEDIUM GREY ARGILLACEOUS ARKOSE (CONTIN.)	235	240	8004		12			
	243.4	243.4-245 HEM ALT ZONES + MN PATCHY PY	240	243.4	5		12			
	249.4	249.4-251.1 " " " " " " " "	243.4	245	6		12			
	255.2	255.2-259.6 " " " " " " " "	245	249.4	7		<10			
	259.6	259.6 & 44 HEM + SIL INTENSITY + # OF ZONES (GRADATIONAL)	249.4	251.1	8		<10			
			251.1	255.2	9		<10			
290.5	398.5	MEDIUM - DARK GREY - GREEN ARGILLACEOUS ARKOSE - ARGILLITE - MDSKY	255.2	259.6	8010		16			
		FGR, RELATIVELY UNALT., = 2% QTZ - C STR. X 30-45° - STAIN REL?,	259.6	265	11		<10			
		= 2% DISSEM PY (> NEAR SUR), TR HEM ALT.	265	270	12		16			
		AT 326' 1" CLEAR - MILKY QTZ STR 45°, SHEAR REL, FOL W/R CHL-QTZ-L-HEM	270	275	13		16			
		AT 329.4' 1/16" QTZ STR 50°, = 1" SER ALT, 5% DISSEM PY, > 14 W/R	275	280	14		22			
		326-349 > 9% M.D.GR.	280	285	15		<10			
			285	290	16		<10			
			290	295	17		12			
			295	300	18		20			
			300	305	19		14			
			305	310	8020		<10			
			310	315	21		<10			
			315	320	22		<10			
			320	325	23		<10			
			325	330	24		24			
			330	335	8025		<10			



## Drill Hole Record



Property GARRLON District \_\_\_\_\_ Hole No. GAR-26  
 Commenced \_\_\_\_\_ Location \_\_\_\_\_ Tests at \_\_\_\_\_ Hor. Comp. \_\_\_\_\_  
 Completed \_\_\_\_\_ Core Size \_\_\_\_\_ Corr. Dip \_\_\_\_\_ Vert. Comp. \_\_\_\_\_  
 Co-ordinates \_\_\_\_\_ True Brg. \_\_\_\_\_ Logged by \_\_\_\_\_  
 Objective \_\_\_\_\_ % Recov. \_\_\_\_\_ Date \_\_\_\_\_

Claim \_\_\_\_\_ T Brg. \_\_\_\_\_ Collar Dip \_\_\_\_\_ Elev. \_\_\_\_\_ Length \_\_\_\_\_ Hole No. 4057 Sheet 4057

Footage From To	Description	From (FT)	To (FT)	Sample No.	Length	Analysis									
						ppb	ppm	ppm	ppm	ppm	ppm				
290.5-393.5	MEDIUM-DARK GREY GREEN ARGILLACEOUS ARKOSE-ARGILLITE (CONTIN.)	335	340	3026		<10									
	352.6-358.7 QTZ-C CHL ALT ZONES, WELL FOL, ≈ 5% PY	340	345	27		14									
	359.4-360.7 " " " " " " " "	345	350	28		<10									
		350	355	29		<10									
393.5-414.8	LIGHT-DARK GREEN WAVY LAMINATED ROCK, WISPY + CREN IN PLACES	355	357.6	3030		<10									
	VEGR, LIGHT MAT IS SOFTER, FOL 570', MN CARB, ≈ 2% PY	357.6	360.7	31		32									
? SHE. 11	411-414.8 ≈ 30% CARB → MASSIVE - PDS UP TO 5% PY	360.7	365	32		14									
ZONE	411-412.7 ≈ CARB, ≈ PY	365	370	33		<10									
		370	375	34		90									
414.8-494	MEDIUM-LT GREY-RED ARKOSE - SIL, MOD-WEAK HEM, ≈ 5% DISSEM	375	380	35		12									
	PY, 5-10% QTZ FRACT + STR, ≈ 2% CHL FRACT, ALT < 6	380	385	36		<10									
		385	390	37		16									
		390	394	38		<10									
		394	398.5	39		<10									
		398.5	401	3040		60									
		401	406	41		40									
		406	411	42		125									
		411	412.7	43		374									
		412.7	414.7	44		318									
		414.7	418	45		<10									
		418	421	46		<10									
		421	425	3047		<10									

# Drill Hole Record



Property	GARRION	District		Hole No.	GAR-26
Commenced		Location		Tests at	
Completed		Core Size		Corr. Dip	
Co-ordinates				True Brg.	
Objective				% Recov.	
				Date	

Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.

Sheet 5 OF 8

Footage		Description	From	To	Sample No.	Length	Analysis
From	To		(FT)	(FT)			
414.8	494	MEDIUM-LIGHT GREY-RED ARGOSE (CONTIN)	425	430	8048		<10
		425-435.9 MED GY, WEAK HEM + SER ALT THROUGHOUT, MED GR.	430	435.9	49		<10
		435.9-450.7 AS ABOVE WITH PORPH TEXT → LT GY ANHEDRAL	435.9	440	8050		<10
		FRAGS (FELD, QTZ, CARB) + > CARB STR + VEINS, MN BANDS	440	445	51		<10
		> SIL (POSSIBLY FG DIORITE OR QFP), 2' CORE LOSS 37'-41'	445	450.7	52		<10
		BROKEN CORE 447-449	450.7	454.4	53		<10
		450.7-462 AS ORIGINAL, MED GY-GR, ≈ 5% MAJOR CHL FRACT.	454.4	456.6	54		14
		456.6-459.8 CARB/WIR BRECCIA 40% 60	456.6	460	55		<10
		459.8-468.8 SIM TO 435.9-450.7	460	468	56		<10
		468-474 HIGHLY VARIABLE COLOUR (GREY-RED) + GRANULAR TEXT,	468	470	57		10
		MN PHENO-LIKE CARB LENSES, ≈ 10% BAND LENSES ≈ SIL,	470	475	58		<10
		≈ 5% QTZ-L STR, ≈ 5% CHL SUB-FRACT (SOME S. AUG.)	475	480	59		12
		478 ↓ ≈ SIL, LT PINK-GR COLOUR	480	485	8060		10
		483 ↓ MN THIN VARIOLITE BASALT FLOW (2"-3")	485	489.2	61		<10
			489.2	492.2	62		
494	505.3	MEDIUM GREY GREEN ARGILLACEOUS ARGOSE - MED GR,	492.2	495	63		
		RELATIVELY UNALTERED, ≈ 2% QTZ STR (7 CONC NEAR 499)	495	500	64		
			500	505.3	65		
505.3	605	MUNRO FAULT ZONE → CHL-QTZ-V. L. CARB SLHS ✓ OK -	505.3	510	66		
		MED GR, CARB+QTZ IN LENSES, POOL + BANDS, 2-5% PY-L. LENSES,	510	515	67		
		VARIABLE FOL, FAULT GOUGE COMMON,	515	520	68		
		505.3-514 THINLY BANDED, FOL 30°-60° L.A. ↓, 514 ↓ FOL 20°-0°	520	525	8069		

Scale

Colour Plot  
& Dip

## Drill Hole Record

Property *GARRCON*

District

Hole No. *GAR-26*

Commenced

Location

Tests at

Hor. Comp.

Completed

Core Size

Corr. Dip

Vert. Comp.

Co-ordinates

True Brg.

Logged by

Objective

% Recov.

Date

Claim

T Brg.

Collar Dip

Elev.

Length

Hole No.

Sheet

6 of 8

Footage		Description	From	To	Sample No.	Length	Analysis							
From	To		(FT)	(FT)										
<i>605</i>	<i>610.5</i>	<i>MEDIUM - DK GY ARGILLACEOUS ARKOSE - F.G.P., MASSIVE, MED</i>	<i>525</i>	<i>530</i>	<i>8070</i>									
		<i>MAG. 42% QZ STR</i>	<i>530</i>	<i>535</i>	<i>71</i>									
			<i>535</i>	<i>540</i>	<i>72</i>									
<i>610.5</i>	<i>614.4</i>	<i>SIM TO MFZ, NO WELL DEVELOPED FABRIC</i>	<i>540</i>	<i>545</i>	<i>73</i>									
			<i>545</i>	<i>550</i>	<i>74</i>									
<i>614.4</i>	<i>638</i>	<i>DIORITE PORPHYRY DYKE - HIGHLY VARIABLE TEXT (% + SIZE</i>	<i>550</i>	<i>555</i>	<i>75</i>									
		<i>OF PHENOCRYSTS), PHENOCRYST 5-60% - MOSTLY ANHEDRAL - POSSIBLY</i>	<i>555</i>	<i>560</i>	<i>76</i>									
		<i>GLOMOPORPHYRITIC, PYROXENE, = 2% QZ - L STR</i>	<i>560</i>	<i>565</i>	<i>77</i>									
		<i>617-617.9 POSSIBLE SHEARS V.F.G. CHL</i>	<i>565</i>	<i>570</i>	<i>78</i>									
		<i>630-632.7 " " " " = 15% QZ - L STR</i>	<i>570</i>	<i>575</i>	<i>79</i>									
			<i>575</i>	<i>580</i>	<i>8080</i>									
		<i>~ 1' CORE LOSS 632-647</i>	<i>580</i>	<i>585</i>	<i>81</i>									
			<i>585</i>	<i>590</i>	<i>82</i>									
			<i>590</i>	<i>595</i>	<i>83</i>									
			<i>595</i>	<i>600</i>	<i>84</i>									
			<i>600</i>	<i>605</i>	<i>85</i>									
			<i>605</i>	<i>610.5</i>	<i>86</i>									
			<i>610.5</i>	<i>614.4</i>	<i>87</i>									
			<i>614.4</i>	<i>620</i>	<i>88</i>									
			<i>620</i>	<i>625</i>	<i>89</i>									
			<i>625</i>	<i>630</i>	<i>8090</i>									
			<i>630</i>	<i>635</i>	<i>8091</i>									

## Drill Hole Record



Property	GARRCON	District		Hole No.	GAR-26
Commenced		Location		Tests at	Hor. Comp.
Completed		Core Size		Corr. Dip	Vert. Comp.
Co-ordinates				True Brg.	Logged by
Objective				% Recov.	Date

Claim

T Brg.

Collar Dip

Elev.

Length

Hole No.

Sheet 7257

Footage From	To	Description	FROM TO (FT) (FT)		Sample No.	Length	Analysis			
							AP	AC		
638	704	BANDED GREEN CARB - QTZ ZONE - ≈ 50% LIGHT-MED BRIGHT GREEN CARB BANDS, ≈ 40% QTZ-C (MILKY + CLEAR) BANDS, + POOS - STRAIGHT-WAVY-PHYGMATIC, ≈ 10% CHL FRAG + STR WITH VARIABLE ORIENTATION (LOCALLY CONSISTENT), BANDING 30°-60° CA, < 2% PY CONCS	635	638	8092					
			638	641	93					
			641	645	94					
			645	650	95					
			652	654	96					
		647-648 RUBBLY	652.4	654.1	97					
		652.4-654.1 DARK-MED GR ALL SECTION, WAVY CHL + QTZ STR	654.1	660	98					
		≈ 5-10% DISSEM + PATCHY PY IN + NEAR VEINS (IRREG ORIENT.)	660	665.2	99					
		660-663.5 ≈ 10% BARREN MILKY QTZ VEINS (50°-70° CA.)	665.2	666.3	8100	145				
		665.2 ↓ LIGHT GREY-OLIVE GREEN, MASSIVE, V-FGR, MOD FDL - EXHIBITED BY CHL, GREEN MILK + TOURMALINE? LATHS ≈ 60°-70°	666.3	668.7	1	30				
		< 5% QTZ EYES (STRETCHED, ≈ 1/8"), < 5% GREEN MILK, < 2% LOCALIZED TOUR. SIL	668.7	670.6	2	36				
			672	675	3	132				
		666.3-668.7/670.6-672 QTZ VEIN ZONES ≈ 10% PY CONCS NEAR VEINS (MILKY-CLEAR), AN ASP, ≈ 5% DK GR-OPAQUE QTZ STR	675	682.6	4	20				
		682.6-695 SIMILAR TO ORIGINAL, > PY (TO 5%) + ASP - MOSTLY FGR, WAVY LAYERED TEXT (QTZ TO 60%)	682.6	685	5	76				
			685	688	6	40				
		695 ↓ SIM TO 665.2 10-15% PY + ASP - PATCHY CONCS (> NEAR QTZ VEINS) ↓ > MED-DK GRAY COLOUR	688	691	7	16				
			691	693	8	44				
			693	695	9	183				
			695	698	10	63				
			698	701	11	32				
					12	255				
					8113	41				

Scale

Colour Plot  
& Dips

## Drill Hole Record

Property GARRCON District \_\_\_\_\_ Hole No. GAR-26

Commenced \_\_\_\_\_ Location \_\_\_\_\_ Tests at \_\_\_\_\_ Hor. Comp. \_\_\_\_\_

Completed \_\_\_\_\_ Core Size \_\_\_\_\_ Corr. Dip \_\_\_\_\_ Vert. Comp. \_\_\_\_\_

Co-ordinates \_\_\_\_\_ True Brg. \_\_\_\_\_ Logged by \_\_\_\_\_

Objective \_\_\_\_\_ % Recov. \_\_\_\_\_ Date \_\_\_\_\_

Claim

T Brg.

Collar Dip

Elev.

Length

Hole No.

Sheet 20 of 28

Footage		Description	FROM	TO	Sample No.	Length	Analysis							
From	To		(FT)	(FT)			pphm							
704	733.2	BANDED LIGHT GREY-GREEN ANDESITE - SIL, SER, COLOUR BANDING	701	704	8114		717							
		- GN WITH LIGHT CLEAR GREY-WHITE (SIL + SER) RICH BANDS +	704	710	15									
		PODS (30%) BANDING 50-70° (POSSIBLY A DALYAN FLOW)	710	715	16									
		AT 727.3 - 1/2" FAULT GOUGE	715	720	17									
		730.7-735 MASSIVE, MED GR, LIGHT-MED GR, ≈5% MED GREEN	720	725	18									
		ACICULAR CRYSTALS (70° C.A.)	725	730.7	19									
		735-733.2 SIMILAR TO ORIGINAL	730.7	735	8120									
			735	740	21									
738.2	800	ANDESITE - MED GREY-GREEN, F GR, ≈5% MILKY BARREN QTZ STR=11	740	745	22									
		TO FOL (70°)	745	750	23									
		AT 246.5 2" PI RICH BLEB (≈ ASSOC SIL)	750	755	24									
		746.8 ↓ MOD - WEAKLY CARB (UBIQUITOUS + IN CLEBS), MED GR,	755	760	25									
		5-10% QTZ + STR, <2% V.F.G. PY, ≈ 2% IDREL CHL	760	765	26									
		FRACT, MN BLE.S PY AT 739.1	765	770	27									
		750 ↓ F GR, < CARB ↓	770	775	28									
		- 700	775	780	29									
			780	785	8130									
			785	790	31									
			790	795	32									
			795	800	8133									

RVE No. 70

RAND TWP. M-383



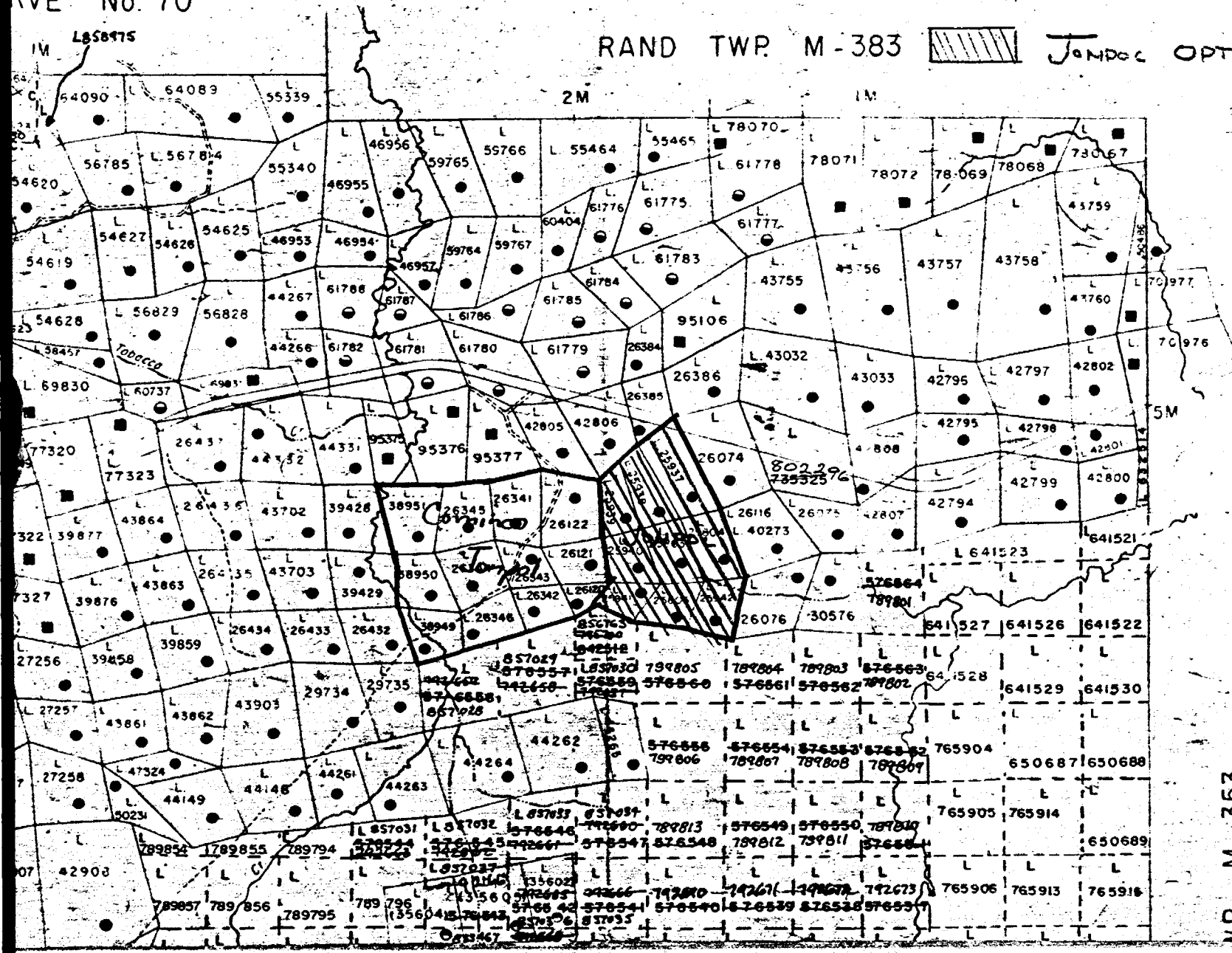
JONPOL OPTION

# GARRISON

DISTRICT OF COCHRANE

LARDER LAKE MINING DIVISION

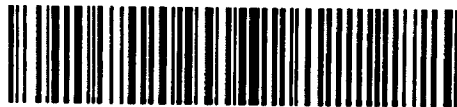
SCALE: 1-INCH = 40 CHAINS



## DISPOSITION OF CROWN LANDS

- PATENT, SURFACE AND MINING RIGHTS ●
- " SURFACE RIGHTS ONLY ○
- " MINING RIGHTS ONLY ◐
- LEASE, SURFACE AND MINING RIGHTS ■
- " SURFACE RIGHTS ONLY ◑
- " MINING RIGHTS ONLY ◒
- LICENCE OF OCCUPATION ▼
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG

MP. M-353



32D12SW0133 63.4993 GARRISON

3

020

**DIAMOND DRILLING PROGRAMME**  
on the  
**Linton and Hobbs Claims**  
**Garrison Township, Ontario**  
by  
**JONPOL EXPLORATIONS LIMITED**

February 13, 1987,  
Timmins, Ontario.

R. J. Bradshaw, P. Eng.,  
Geologist.

OM86-6-P-24



32D12SW0133 63.4993 GARRISON

020C

TABLE OF CONTENTS

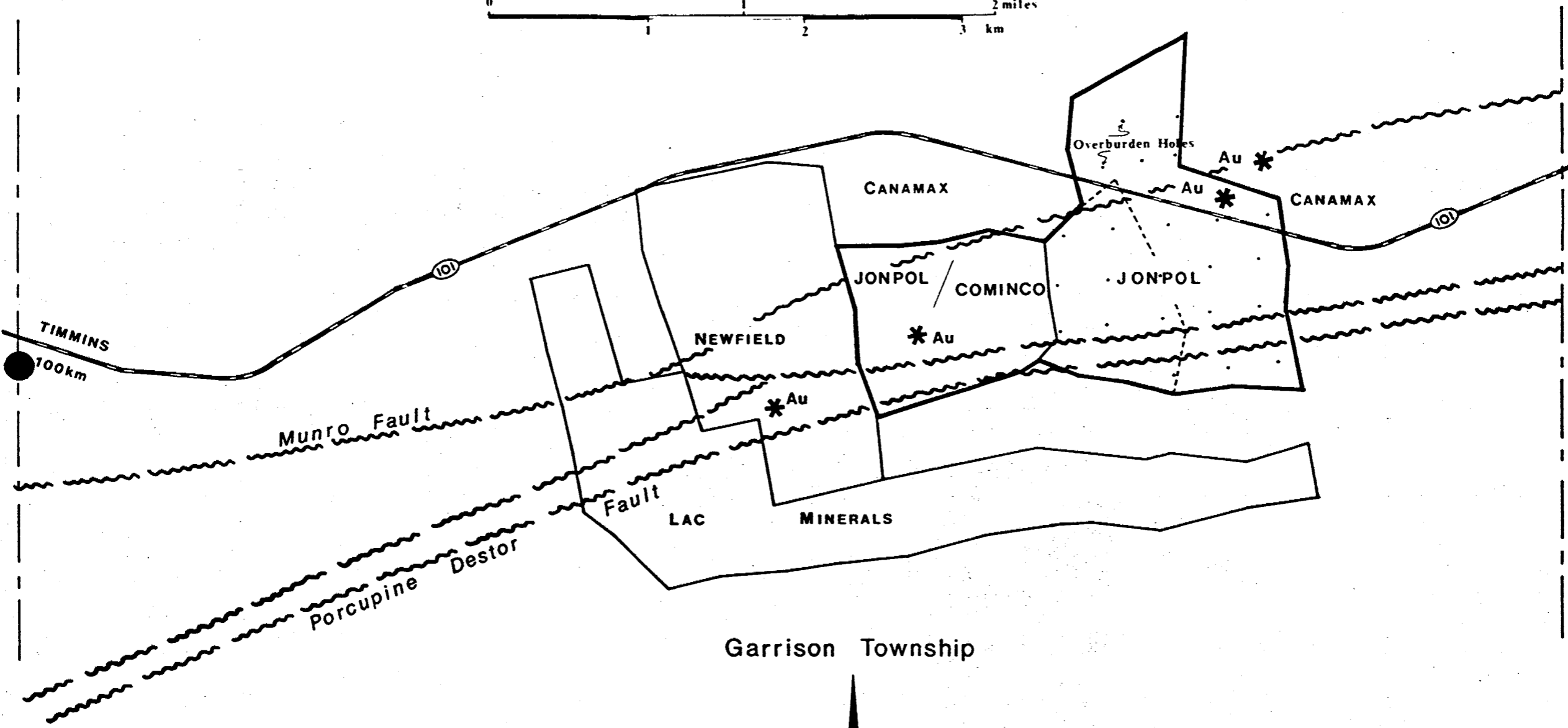
	page
INTRODUCTION -----	0
PROPERTY, LOCATION AND ACCESS -----	0
GENERAL GEOLOGY -----	0
LOCAL GEOLOGY -----	1
SUMMARY OF DIAMOND DRILLING -----	2
GOLD MINERALIZATION -----	3
CONCLUSIONS -----	5
RECOMMENDATIONS -----	6

Diamond Drill Hole Logs  
Holes 86-8 to 86-18 inclusive

Maps and Drawings

Jonpol Holdings - Figure 1  
Data Compilation  
Magnetic Survey  
Electromagnetic Survey  
Sections - 1 to 7 inclusive





Garrison Township



**JONPOL EXPLORATIONS LTD.**

Garrison Township Holdings



Figure 1

## INTRODUCTION

Subsequent to option agreements executed by Jonpol Explorations Ltd. on mining claims in Garrison Township, Ontario, a programme of eleven drill holes has been completed.

Initially, the diamond drill exploration commenced on the Hobbs claim to test for a possible extension of a low grade discovery by Canamax (personal communication), immediately to the east. Eight holes, 86-8 to 86-14 inclusive, were drilled in the fall of 1986. Encouraging but scattered gold values were encountered.

Subsequently, in December, 1986, magnetic and electromagnetic surveys were completed over all of the 10 optioned claims to assist in planning additional drilling which commenced in January, 1987. Four holes, 86-15 to 87-18 were completed.

Maps, including a location plan, a data plan, magnetic and electromagnetic survey plans accompany this report.

## PROPERTY, LOCATION AND ACCESS

The property, subject of this report, consists of nine patented claims known as the Linton Group and one other, L859679, optioned from L. Hobbs. The Hobbs claim was recently surveyed and leased from the Crown by Jonpol.

The adjoining Brydges Group, consisting of nine patented claims, is also held by Jonpol Explorations. Five holes were drilled on this property in 1986.

Highway 101, approximately 100 km from Timmins, Ontario, traverses the claims, thereby providing excellent access.

## GENERAL GEOLOGY

The regional and local geology of the area is well described in government publications, including Ontario Map 1949-1, an excellent depiction of the geology of Garrison

Township.

The 19 contiguous claims held by Jonpol straddle major easterly trending faults associated with gold mineralization. The Porcupine - Destor fault along the south boundary of the claims and the Munro fault parallel to the north, enclose a package of diverse mainly clastic sediments which have been variably altered and fractured. The various classifications for these rocks by government geologists are not pertinent to this report.

Mafic and ultramafic volcanics adjoin the sediments to the north along the Munro fault. Similarly, intermediate to mafic volcanics adjoin the sediments to the south along the Porcupine - Destor fault.

With the exception of diabase and lamprophyre, gold may be found in any of the rocks, associated with shearing, fracturing, alteration and sulphide mineralization. Regional strike faults have formed a conduit for the gold bearing solutions and various forms of structural disruption have caused permeable traps. Locally, the sediments appear to be a particularly favourable host.

#### LOCAL GEOLOGY

The present drilling has been concentrated on the Hobbs claim and several of the holes have intersected the faulted sedimentary - volcanic contact striking easterly and dipping near vertical which represents the main loci or branch of the Munro fault.

The various sedimentary units intersected by the diamond drilling are depicted on the accompanying map and sections. Some of the units are strongly schisted and altered, obviously representing shear zones parallel to the main fault structure.

A nonconforming break was intersected in several holes; it parallels the main fault but dips 65 degrees to the north. There is an obvious spatial relationship between this fault and several gold intersections.

A north trending diabase dyke, crossing the area of diamond drilling, may follow an old fault the significance of which is not readily apparent.

SUMMARY OF DIAMOND DRILLING

<u>Hole No.</u>	<u>Location</u>	<u>Direction</u>	<u>Dip</u>	<u>Depth</u>
86-8	L 60 E S 7 N	Az. 340	50	510
86-9	L 56 E S 7 N	Az. 340	50	525
86-10	L 62 E S 6 N	Az. 340	50	500
86-11	L 22 E S6+50S	Az. 340	50	Hole abandoned in overburden at 250'
86-11A	L 62 E S 5 N	Az. 340	50	500
86-12	L 60 E S 6 N	Az. 340	50	437
86-13	L61+50E S6+15N	Az. 340	50	336
86-14	L62+50E S6+15N	Az. 340	50	287
86-15	L 60 E S 5 N	Az. 340	50	666
87-16	L 62 E S 4 N	Az. 340	50	555
87-17	L 54 E S7+50N	Az. 340	50	506
87-18	L 50 E S7+50N	Az. 160	50	597

Eleven holes, excluding abandoned hole, totalling 5419 feet

GOLD MINERALIZATION

Five different rock types host significant gold mineralization. They include iron formation, quartzite, arkose, and argillite units. More specifically the mineralization in these various rocks is described as follows:

Iron Formation

Initially encountered in hole 86-8, this unit was intersected by two additional holes as shown on the section for Line 60 East. The holes, at approximately 100 foot intervals, intersected a thin bed dipping near vertically having the following gold values.

- in hole 86-8, 9 ft. - 0.04 opt
- in hole 86-12, 6.5 ft. - 0.824 opt
- in hole 86-15, 2 ft. - 0.08 opt

The section in hole 86-12 included 3 feet of 1.53 opt. The gold is associated with 10 per cent pyrite as veins and replacements of magnetite. A lower pyrite content results in lower gold values.

As shown on the accompanying plan a diabase dyke, 200 feet to the west, apparently terminates the iron formation, and to the east, the unit pinches out.

Quartzite

West of the diabase dyke adjacent holes, 200 feet apart, intersected some low values in a quartzite bed. This unit is substantially recrystallized, fractured and contains 1 to 2 per cent disseminated pyrite. Values intersected include the following:

- in hole 86-9, 7.2 ft. - 0.030 opt
- 6.2 ft. - 0.033 opt
- in hole 87-17, 5.5 ft - 0.021 opt
- 5 ft. - 0.01 opt
- 5 ft. - 0.01 opt

Note: opt is equivalent to ounces per ton

Hole 87-18, drilled 400 feet to the west, on Line 50 East failed to encounter significant values.

#### Arkose

A particular section of arkose in hole 86-15 is sheared, chloritized, and silicified with 1 to 4 per cent disseminated pyrite adjacent to an underlying strong fault. This fault, as previously described, strikes easterly and dips 65 degrees north. Over 38 feet the unit averages 0.065 opt, including 0.17 opt over 5 feet. The better values are associated with higher concentrations of pyrite.

As shown on the section for Line 60 East this mineralized unit is not well defined above the adjoining fault. Some low values with similar mineralization were intersected in hole 86-8, but no values were encountered in the intervening hole, 86-12.

On Line 62 East, 200 feet to the east, the arkose unit appears to have been intersected in holes 86-10 and 86-11A. There is less pyrite mineralization which apparently accounts for the lower gold values. Sections of 3 and 2 feet assayed 0.034 and 0.03 opt respectively in hole 86-10.

To the west, on Line 58 East, the arkose unit has been displaced by a diabase intrusion. Further to the west, the favourable rock unit has not been intersected by diamond drilling.

#### Argillite ( Carbonate-Sericite-Schist )

From one hole to another this unit is variably altered and schisted. In hole 86-10 the unit is highly altered, schistose and a pale light green colour.

Near the bottom contact of this unit adjacent to the aforementioned north dipping fault, a two foot section assayed 0.42 opt gold in hole 86-10. A series of quartz stringers, seamed with pyrite and with slight chalcopyrite, chlorite, and graphite forms the mineralization.

Hole 86-11A, 100 feet below 86-10, intersected 3 feet

assaying 0.08 opt; an adjoining 3 feet of core is missing.

Holes 50 feet to the east and west of 86-10 failed to intersect significant values.

#### Canamax Gold Mineralization

Approximately 1300 feet to the east, Canamax hole 46-10 drilled across the faulted volcanic - sedimentary contact and intersected gold mineralization. Assaying 0.07 opt over about 13 feet, the mineralization is similar to the sheared and chloritized arkose intersected in hole 86-15.

#### CONCLUSIONS

Significant, but scattered gold values have been found in the north-central sector of the Hobbs claim. The gold mineralization may be found in a variety of rocks including iron formation, altered argillite, chloritized and sheared arkose and quartzite all of which adjoin one another near the faulted volcanic - sedimentary contact.

The gold values are primarily related to pyrite. The greater the concentration of pyrite, particularly as seams and stringers, the higher the gold value. The pyrite mineralization and associated gold values intersected, so far, lack continuity laterally or vertically.

It is apparent that the better values are spatially related to two geological features; a northerly trending diabase dyke within a few hundred feet of the higher values and a north dipping, easterly striking fault. Wherever this fault has been intersected, there are gold values nearby.

It will be necessary to test this structure further to the west to determine whether or not an apparent genetic relationship exists between the gold mineralization and the fault.

Several old holes have been drilled in the south part of the Brydges claims ( Map 1949-1) along the Porcupine - Destor fault, but except for the Jonpol holes, no other drilling has

been completed on the Linton property and the Hobbs claim.

Based on magnetic surveys, extensive iron formation, which is favourable to gold mineralization elsewhere, underlies the southern part of the Linton property.

Finally, based on the recently completed drilling, it is apparent that gold deposition is influenced by disruption of competent sedimentary rocks by faulting. Within the tested area a permeable trap hosting gold mineralization, with ore dimensions, has not been detected. However, a thorough investigation of the untested sectors of the Jonpol holdings may detect the ideal environment.

#### RECOMMENDATIONS

Although the overburden over much of the property is comparatively shallow, it is widespread, necessitating either extraordinary diamond drilling or some other technique to find drill targets. It is therefore recommended that a programme of overburden drilling be undertaken to acquire bedrock and adjacent till samples. Anomalous gold values in the samples may constitute drill targets. Because of the relatively shallow overburden the use of a light reverse circulation rig is feasible.

It is proposed that approximately 23 holes be drilled at about 300 metre (1000 foot) intervals as shown on accompanying Figure 1. The field work for this project is expected to take about a week and including analytical work, would cost about \$25,000.

Diamond drilling will be required to test positive results from the overburden drilling and follow up encouraging values in the previous drilling on the Hobbs claim. It is estimated that about 4000 feet will be required. Considering the ease of access, and relatively shallow overburden an amount of \$30 per foot or \$120,000 should be allocated for the diamond drilling.

Should a significant gold deposit be discovered, the scope and cost of additional work would be the subject of a secondary



report.



Respectfully submitted,

A handwritten signature in cursive script, appearing to read 'R. J. Bradshaw', written over the printed name.

R. J. Bradshaw, P. Eng.,  
Geologist.

February 13, 1987,  
Timmins, Ontario.

CERTIFICATE

I, Ronald J. Bradshaw, residing at R. R. 2, Airport Road, a consulting geologist with office facilities at R. R. 2, Airport Road, Box 630, Timmins, Ontario, do hereby certify that:

I attended Queen's University, Kingston, Ontario, and graduated with an Honours B. A. degree in Geological Sciences in 1958.

I am a Fellow of the Geological Association of Canada, and a Member of the Association of Professional Engineers of the Province of Ontario.

The report is based on my personal supervision of a diamond drill programme on the property and other geological and geophysical data considered pertinent.

I have no direct or indirect interest in the property, shares or securities of Jonpol Explorations Ltd., or any affiliate nor do I expect to receive any such interest.

February 13, 1987,  
Timmins, Ontario.

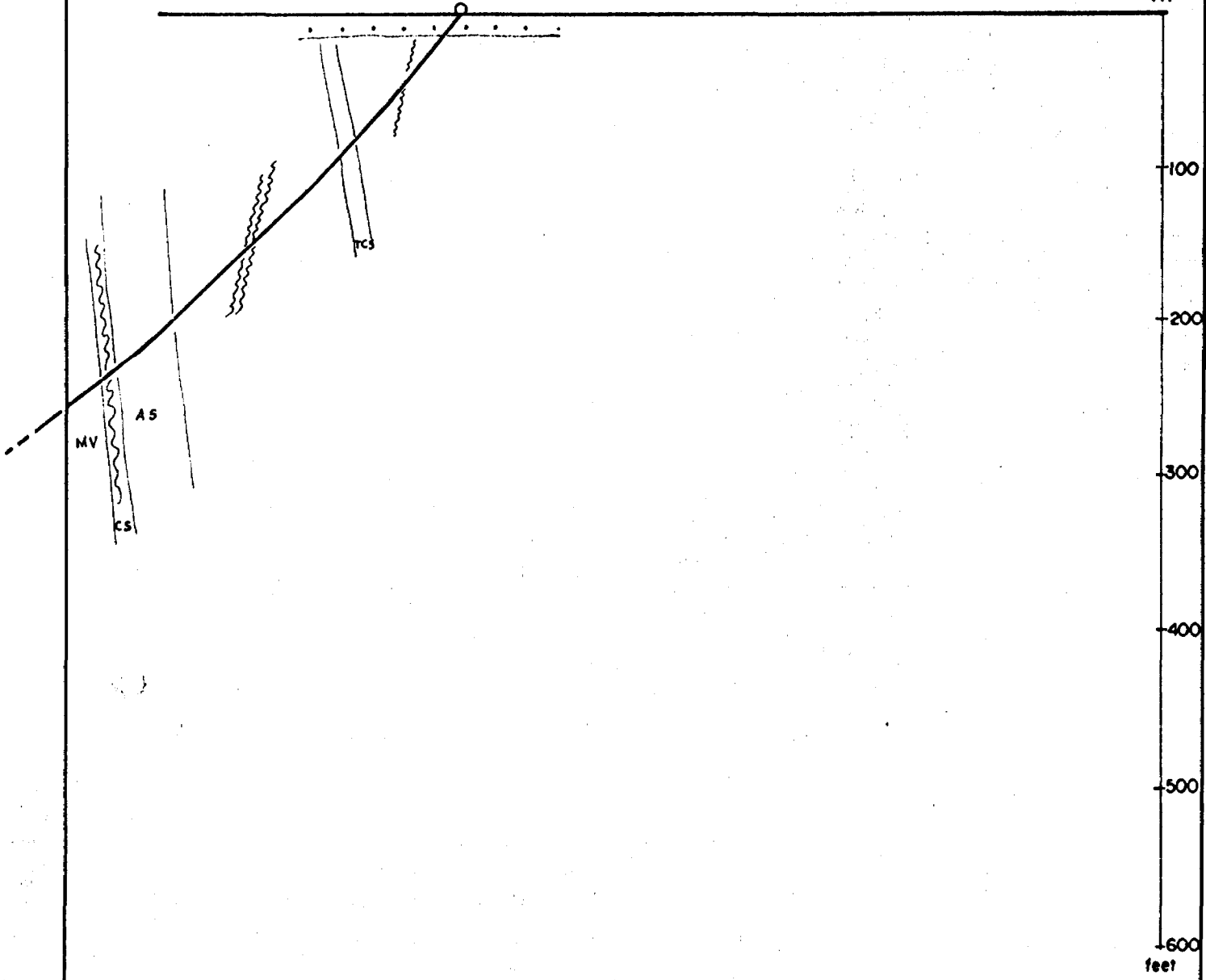


A handwritten signature in cursive script, appearing to read 'R. J. Bradshaw', written over the right side of the professional seal.

R. J. Bradshaw, P. Eng.,  
Geologist.

B86-3

4N

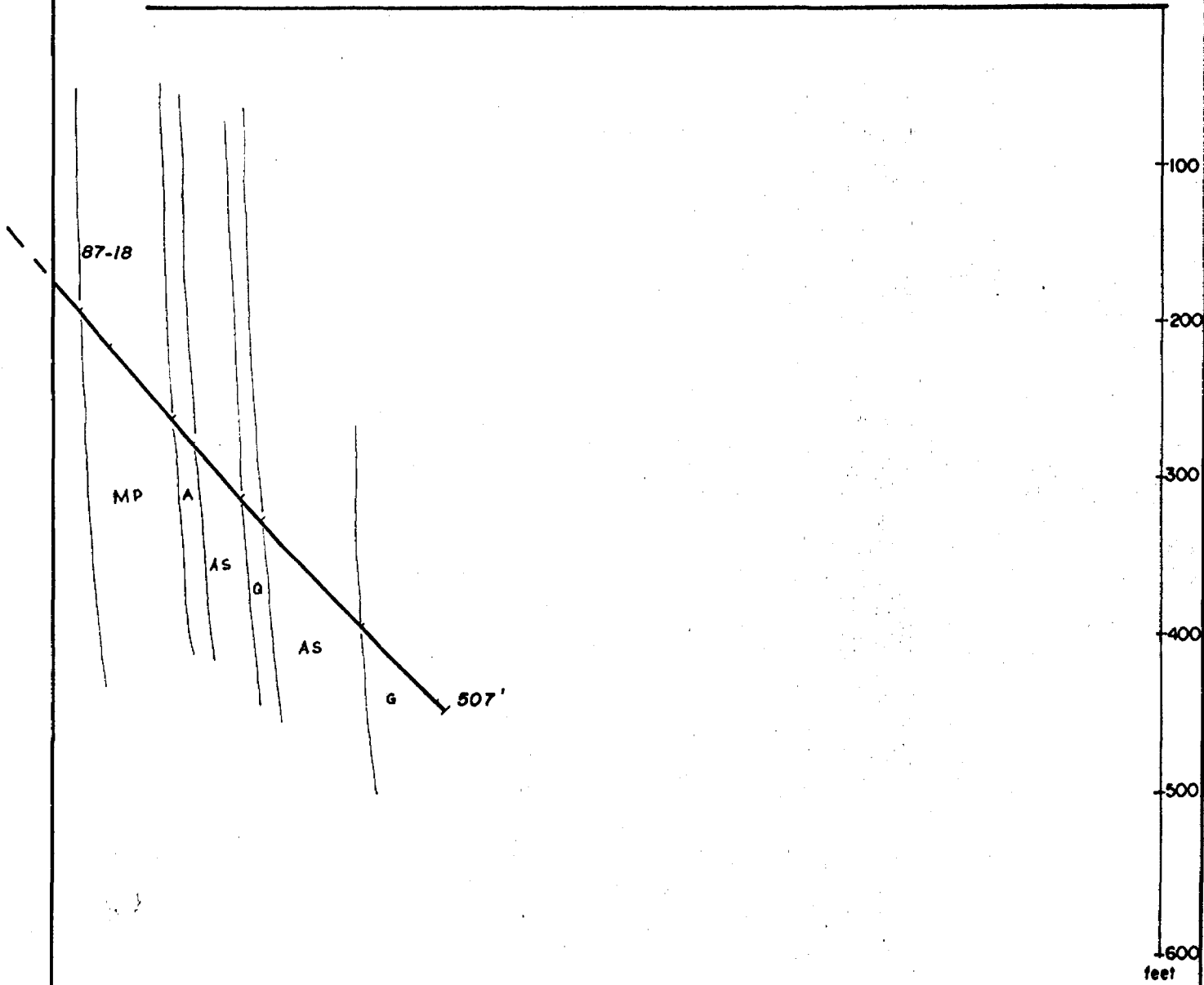


SECTION

HOLE B86-3

LINE 42100E

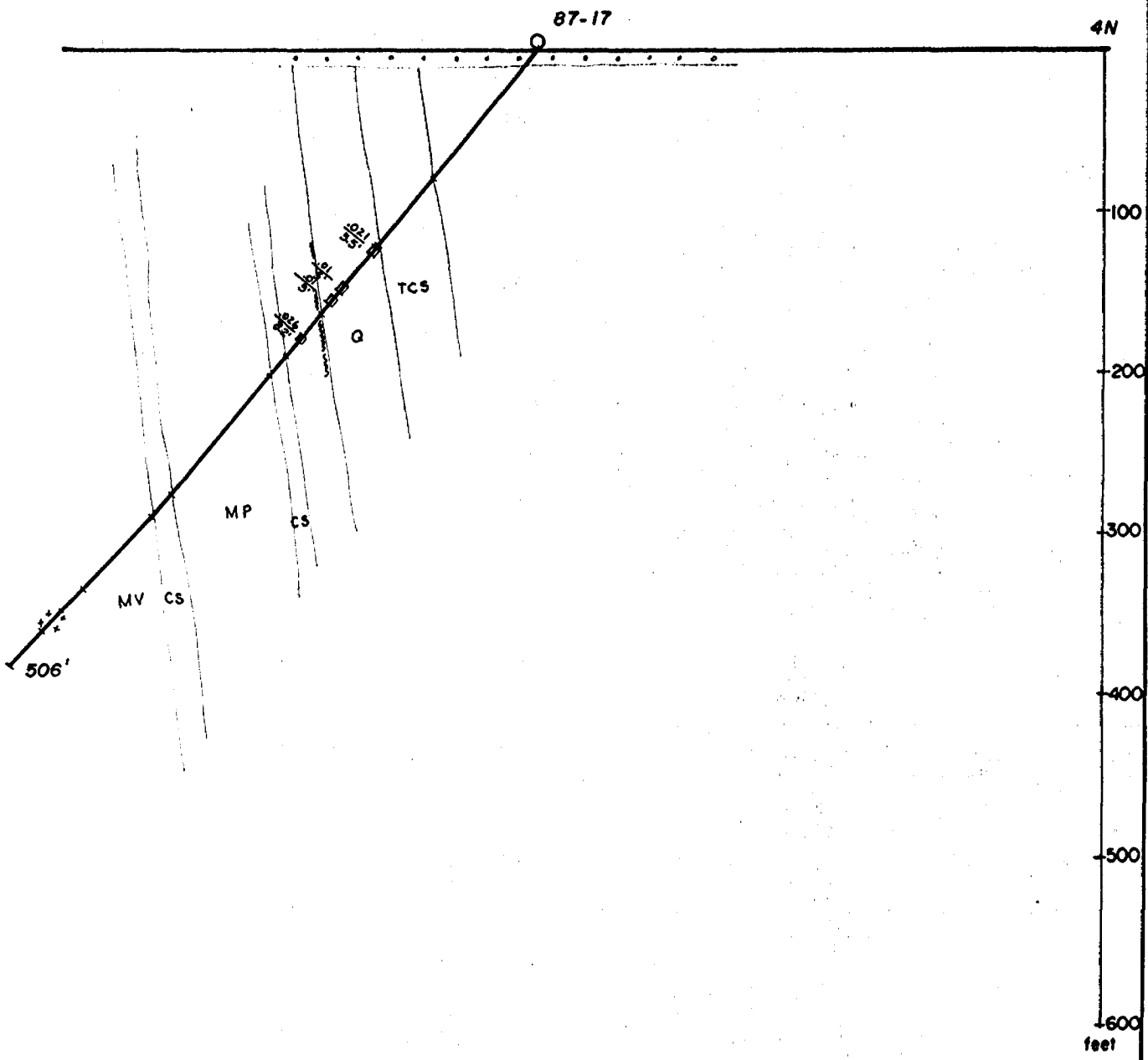
4N



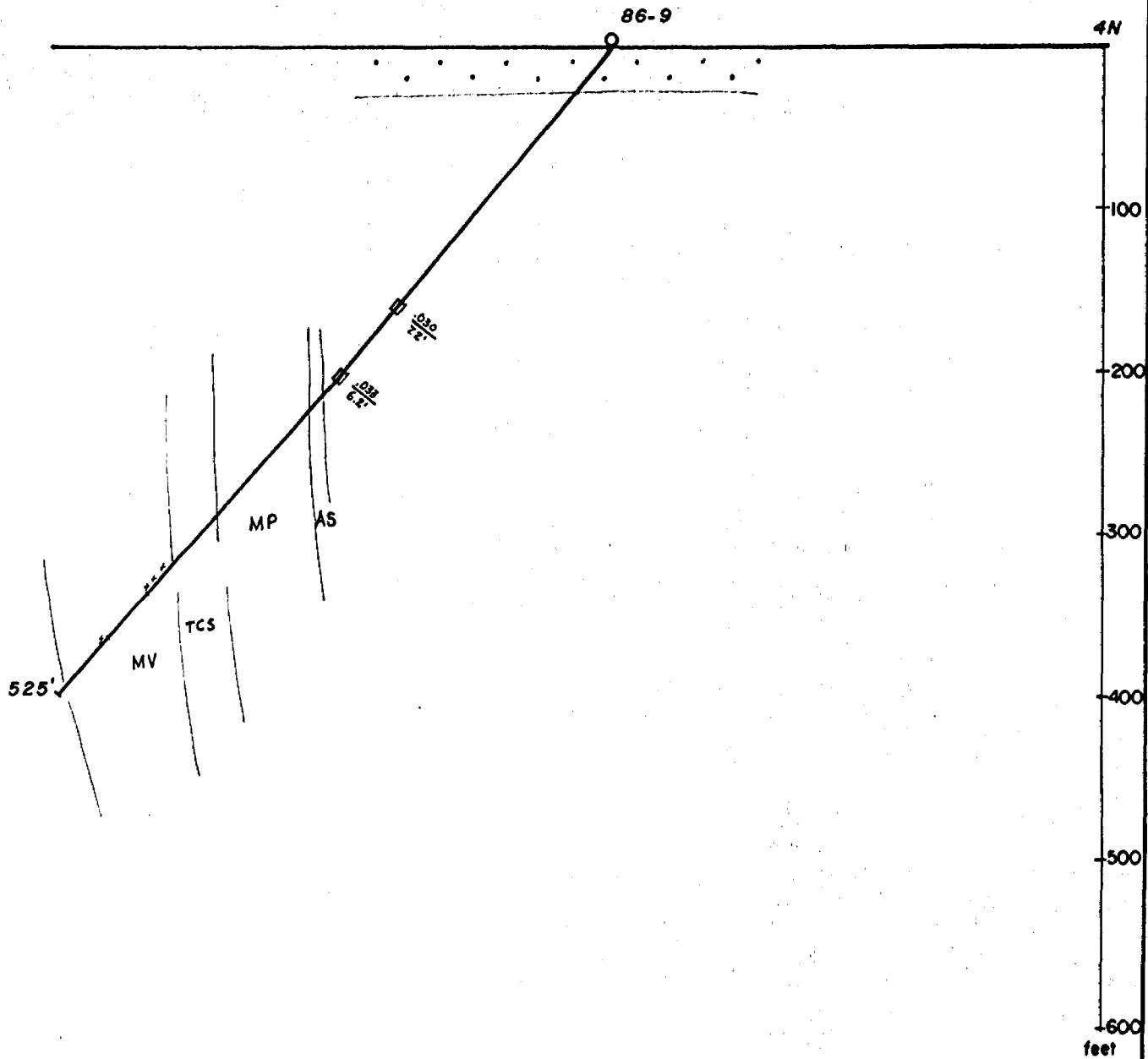
SECTION

HOLE 87-18  
LINE 50+00E

2  
*[Handwritten signature]*



SECTION  
 HOLE 87-17  
 LINE 54+00E

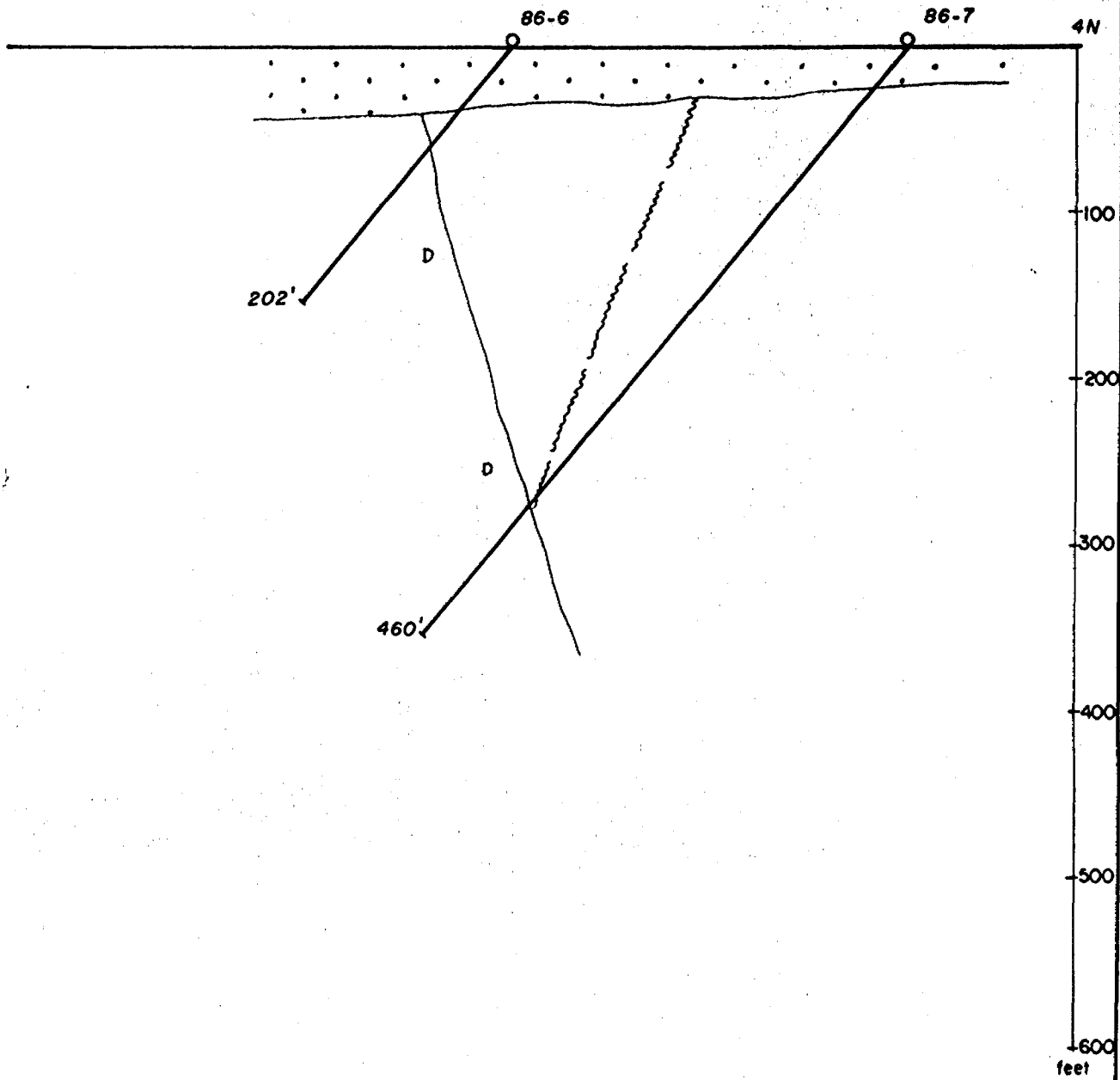


SECTION

HOLE 86-9

LINE 56400E

*[Handwritten signature]*

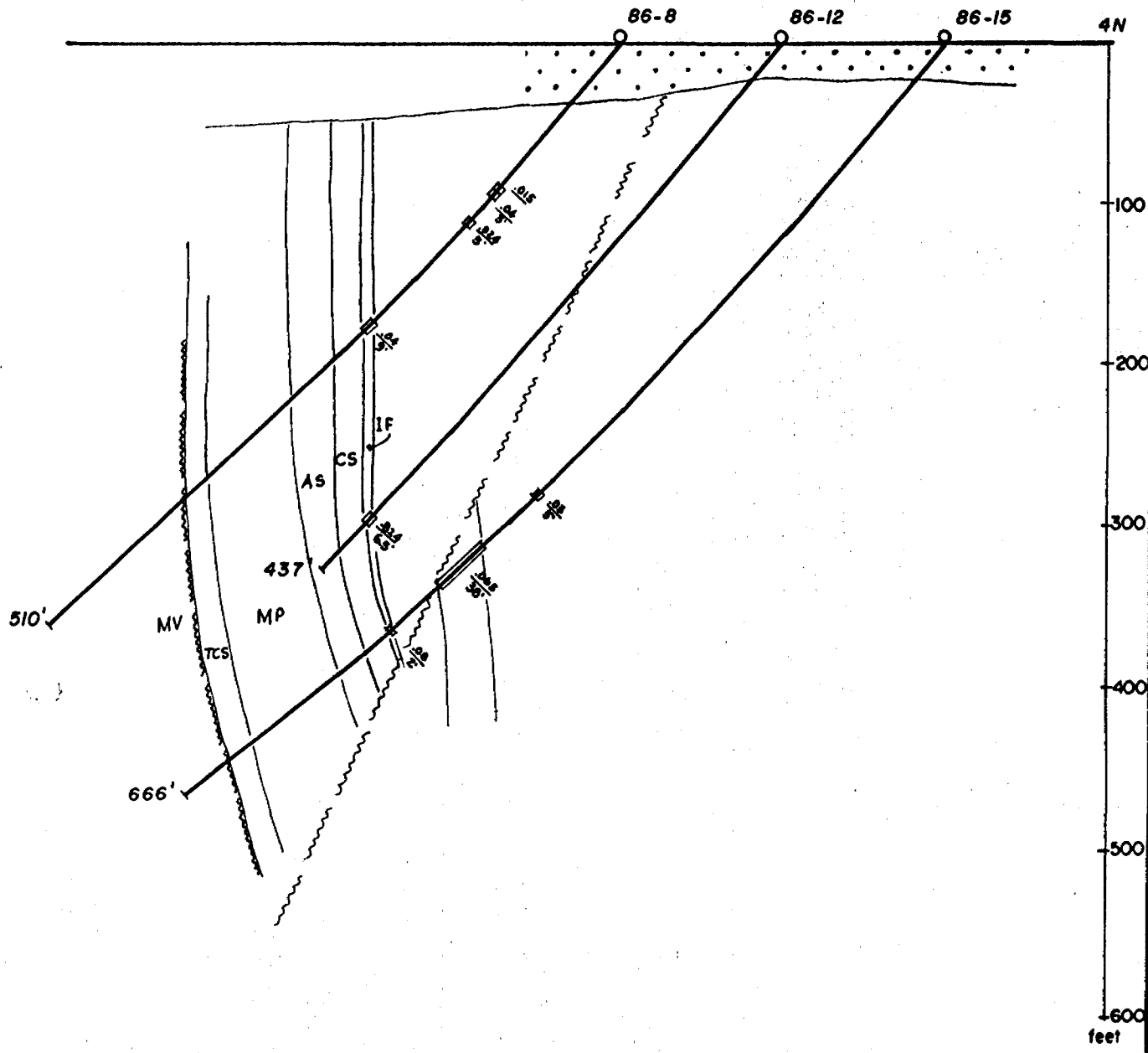


SECTION

HOLES 86-6,7

LINE 58100E

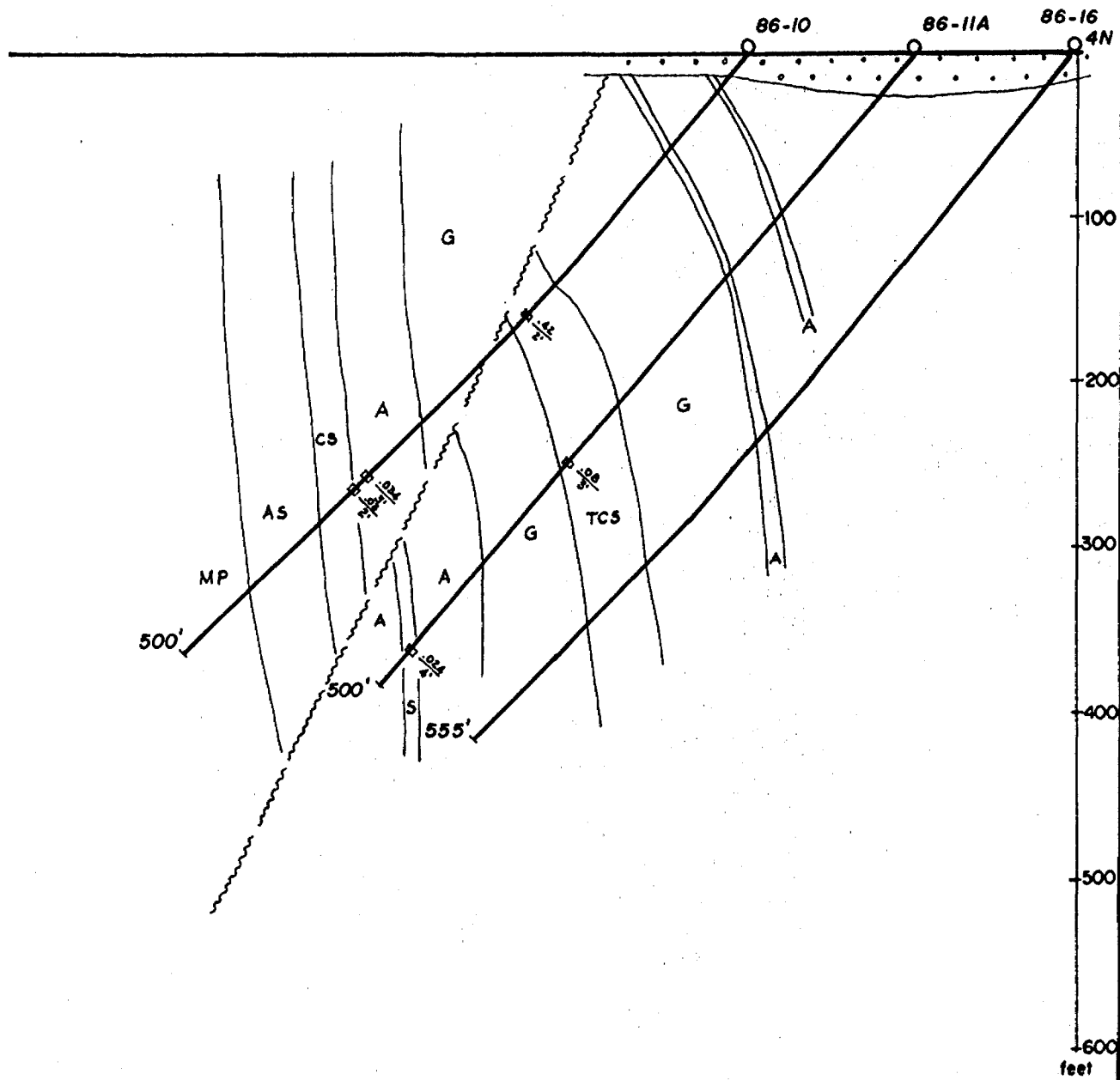
5  
HS



SECTION  
 HOLES 86-8,12,15  
 LINE 60+00E

6





SECTION  
 HOLES 86-10,11A,16  
 LINE 62+00E

*[Handwritten signature]* 7

# DIAMOND DRILL RECORD

PROPERTY JONPOL EXPLORATIONS LTD. (Hobbs option) HOLE NO. 86-8  
 TOWNSHIP Garrison PAGE NO. 1

LOCATION Line 60+00 East  
Station 7+00 North  
 ELEVATION .....

CORE LOCATION .....

DIRECTION N 340°  
 DIP 50°  
 DEPTH 510'

STARTED Oct. 7,  
 COMPLETED Oct. 14, 1986  
 DIPTESTS 250' - 43°  
500' - 41°

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	ppb Au	opt. Au
0 - 50	Casing - overburden				
50 - 167.	<u>Chlorite-Sericite Schist: grey-green with few carbonate str.; schistosity at 70° to c.a.; interbedded with arkose having sericite and arkose partings</u>				
57' - 4"	<u>rusty zone from ground water</u>				
62.5 - 68.0	<u>3' arkosic and buff coloured; minor pyrite &amp; few carbonate str.</u>	8-1	5.5	15	
78. - 83.	<u>25% arkosic, few qtz-carb. str. (upto 1/2") with pyrite seams</u>	8-2	5.0	63	
83 - 88	<u>few gash fractures filled with calcite; 2% pyrite; 6" of 70% buff sugary qtz</u>	8-3	5.0	15	
92.5 - 96.5	<u>4" qtz-carbonate-chlorite-sericite @ 45°</u>	8-4	4.0	34	
96.5 - 101.5	<u>3" &amp; 2" as above at 70°</u>	8-5	5.0	15	
101.5 - 103.0	<u>4" irreg. qtz-carb. with stli. pyrite in sericitized section</u>	8-6	1.5	178	
109.0 - 115.0	<u>1' of rusty seams; 1" qtz. str.</u>	8-7	6.0	30	
115.0 - 120.0	<u>40% qtz str., some carbonate, 3% pyrite slight chalcopyrite, arsenopyrite</u>	8-8	5.0	512	.015

Drilled By Exploration Drilling Inc.  
Stouffville, Ontario

Signed [Signature]  
 SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-8

TOWNSHIP ..... PAGE NO. 2

LOCATION ..... CORE LOCATION ..... STARTED .....

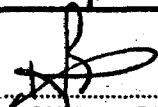
..... DIRECTION ..... COMPLETED .....

..... DIP ..... DIP TESTS .....

ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	ppb Au	opt Au		
	120.-123. 30% qtz. str., some carbonate, 3% pyrite with buff coloured sugary qtz.	8-9	3.0		0.04		
	123-128 5-1" white congl. qtz. str. at 50° to c.a.						
	132-142 lighter coloured, more sericite, some arkose						
	142-147 2-1/2" qtz. str. arkosic, sericitic, sli. pyrite	8-10	5.0	823	0.024		
	161-163 30% arkosic; buff coloured & hard						
	163-167 15% conformable qtz-carbonate str.; 1% pyrite	8-11	4.0	189			
167 - 233	Arkose: fine to med. grained, green to wine or brownish colour; bedding at 50° to c.a. slight pyrite, some specularite						
	214 - 6" of chlorite seams at 45° to c.a.						
233. - 241.2	Iron Formation; very fine grained black magnetite beds at 40° to c.a. with chlorite partings; 5% pyrite						
	233-238. 5-10% diss. crystalline pyrite	8-12	5.0		.056	.04/9'	.051
	238-242. 3% pyrite	8-13	4.0	742	.022		505
241.2-269.0	Mafic Volcanic or Greywacke; dark green, v.f. gr., massive to schistose, chloritic & carbonatized, numerous gash fractures						

Drilled By .....

Signed  .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. B6-8.....

TOWNSHIP ..... PAGE NO. 3.....

LOCATION ..... CORE LOCATION ..... STARTED .....

..... DIRECTION ..... COMPLETED .....

..... DIP ..... DIP TESTS .....

ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	ppb Au	opt Au		
	249 - 1/2" gouge						
	249.8 - 250.8 grey arkose						
	265 - 2" broken carbonate str. in fault?						
	265 - schistosity well developed by carbonate seaming						
269.0-281.5	<u>Syenite</u> : brick red, massive, fine to med. gr. slight pyrite						
	273 - 2" chlorite parting at 45° to c.a.						
	276 - 277.5 chlorite-carbonate schist						
	278.2 3" chlorite at 45°						
281.5 - 292.0	<u>Arkose</u> : green to brown, v.f. to f. grained, massive, colour differences marked by bedding at 60° to c.a.						
	287. 2" white qtz. str. @ 70° to c.a.						
292.0-293.8	<u>Syenite</u> : brick red with qtz. str.; contacts at 40° to c.a.						
	292.-297. 30% qtz. str. in syenite & pyrite seam	B-14	5.0	77			
293.8-303.0	<u>Arkose</u> : in part schistose from sericite partings						
	303-308 2-4" sections of iron stain	B-15	5.0	52			

Drilled By .....

Signed  .....

SHIELD GEOPHYSICS LIMITED

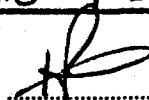
# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-8  
 TOWNSHIP ..... PAGE NO. 1

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	ppb Au	opt Au
303. - 367.	<u>Chlorite - Sericite - Micasite - Carbonate Schist</u> foliation at 45° to c.a.; odd arkose bed up to 6" wide				
313-318	6" brown iron stain; diss pyrite in 3" x 4" arkose beds	8-16	5.0	19	
324.5-329.5	50% irreg. grey qtz. str. with sericite fractures, slipy	8-17	5.0	32	
329.5-333.2	70% irreg. grey qtz with sericite, slipy	8-18	2.7	21	
333.5 - 4"	conformable grey qtz				
334. - 336.5	70% barren grey qtz. str. at 40° to c.a.				
341. - 343.3	arkose or felsic intrusive at 45°; 5% py	8-19	2.3	112	
362 - 367.	50% conf. carbonate at 45° to c.a.	8-20	5.0	71	
367. - 392.	<u>Sericite - Carbonate - Quartz Schist:</u>				
367 - 372		8-21	5.0	15	
372 - 377	erratic bladed structure	8-22	5.0	33	
377. - 382.	2 - 1/2" white qtz. str.	8-23	5.0	10	
382. - 387	colour darkening	8-24	5.0	8	
387-392	some fine pyrite	8-25	5.0	291	

Drilled By .....

Signed  .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86.8

TOWNSHIP ..... PAGE NO. 5

LOCATION ..... CORE LOCATION ..... STARTED .....

..... DIRECTION ..... COMPLETED .....

..... DIP ..... DIP TESTS .....

ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	ppbAu	optAu		
392. - 398.	Mafic Volcanic Flow; in part brecciated, v.f. gr., massive, dark green with chlorite & carbonate fractures						
392.0-393.5	very f. grained, very hard, silicified, with 15% pyrite; probable dyke	8-26	1.5	206			
393.5-397.0	1" graphitic seam at 30" with diss. py.	8-27	3.5	17			
398. - 442.	Mafic Agglomerate & Flow Breccia; rounded & angular fragments at intervals of about 2'; green, v.f. g., generally massive but with flow structure at 45° to c.a.; some pyrite in flow breccia zone						
412-416	Diabase						
442 -	Mafic Volcanic Flow; massive, grey-green, f. to v.f. grained; odd white qtz. str., in places amygdaloidal						
465-466	pyrite-pyrrhotite mineralization with carbonate str.	8-28	1.0	55			

Drilled By .....

Signed  .....  
**SHIELD GEOPHYSICS LIMITED**

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-8

TOWNSHIP ..... PAGE NO. 6

LOCATION ..... CORE LOCATION ..... STARTED .....


DIRECTION ..... COMPLETED .....

DIP ..... DIP TESTS .....

ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE				
	502 - 503.5 carbonate - qtz - chlorite vein						
	500 - 510 tuff.						
510	END						

Drilled By .....

Signed  .....  
**SHIELD GEOPHYSICS LIMITED**

# DIAMOND DRILL RECORD

PROPERTY JONPOL EXPLORATIONS LTD. (Hobbs Option) HOLE NO. 86-9  
 TOWNSHIP Garrison Township PAGE NO. 1

LOCATION Line 56+00 East CORE LOCATION \_\_\_\_\_ STARTED Oct. 14  
Station 7+00 North DIRECTION Az. 340° COMPLETED Oct. 17, 1986  
 DIP 50° DIP TESTS 250' - 48.5°  
 ELEVATION \_\_\_\_\_ DEPTH 525' \_\_\_\_\_ 500' - 47.0°

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	ppb Au	opt Au
0 - 34.	Casing - overburden				
34 - 50	Arkose: grey-green, v.f. gr. thinly bedded at 45° to s.d., moderately fractured & sericitized, few grains of pyrite				
42-43.	brownish quartzite, hard, fractured, 1% pyrite	9-1A	6.0	139	
50. - 56.	Quartzite: light green-brown, v.f. gr. hard, massive, fractured with thin chlorite, carbonate or pyrite fillings.				
50-56	over 7" very rusty, few 1/2" qtz. str. at lower cent.	9-1	6.0	14	
56. - 78.	Arkose: as above but fewer thin beds				
78. - 100.	Quartzite: as above, slightly darker colour than arkose; fractures are generally sericitized				
78-83.	few irreg. thin qtz. - carb. str.; 1% pyrite	9-2	5.0	19	
83-88.	at 86.5 4" rust at chlorite fracture (45°)	9-3	5.0	12	
88-96.	few 1/2" crosscutting qtz. str.; less than 1% py	9-4	8.0	15	

Drilled By Exploration Drilling, Inc.  
Stouffville, Ontario

Signed  SHIELD GEOPHYSICS LIMITED



# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-9  
 TOWNSHIP ..... PAGE NO. 2

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIPTESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	ppb Au	opt Au		
100. - 137.	<u>Arkose</u> ; as above, just a little softer than quartzite; thinly bedded at 45-50° to c.a. moderately fractured ⊥ to beds; light grey-green, sericitized; 1' of iron oxidation at upper contact.						
121-127.	2" brown quartzite; 1" conf. qtz. str. <sup>less than</sup> 1% py	9-5	6.0	55			
135-137.	4" " " with 2" conf. qtz.-carb, 1% py	9-6	2.0	71			
137. - 147.	<u>Greywacke - Arkose</u> : mostly dark green, v.f.g., bedded at 50° to c.a.						
147. - 200	<u>Arkose</u> : light grey-green, v.f.g. hard, thinly bedded, sericitized, few interbedded thin beds of quartzite.						
157-162.	slight pyrite diss.	9-7	5.0	8			
180-184.	6" x 4" of conf. leached chlorite-limonite	9-8	4.0	33			
190 -	1" contorted barren white qtz. str.						
200 - 210	<u>Quartzite</u> : impure mixed with arkose						
200.8 - 205.8	2" barren white qtz. str; 1% diss. py.	9-9	5.0	48			
205.8 - 210.8	slightly fractured, sli. py diss.	9-10	5.0	673	0.02	0.30	
210.8 - 213.0	2' section is light brown-umic colour, 1% py	9-11	2.2		0.054	1.2'	

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-9

TOWNSHIP ..... PAGE NO. 3

LOCATION ..... CORE LOCATION ..... STARTED .....

..... DIRECTION ..... COMPLETED .....

..... DIP ..... DIP TESTS .....

ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	ppb Au	opt Au	
210 - 280.	<u>Arkose</u> : grey-green, f.g. fairly massive, softened with bedding at 60° to 80°.					
222 - 224.1	silicified & hematized over 2', sil. pyrite	9-12	2.1	351		
237. - 242.	20% irreg. grey qtz str. including 2" str. <sup>sil. py.</sup>	9-13	5.0	385		
242. - 247.	recrystallized quartzite or quartz veins; contacts at 60-70°; sericitized fractures throughout at 70°; few secondary qtz. str.; 1% pyrite	9-14	5.0	251		
247-249.5	as above	9-15	2.5	111		
249.5-251.3	1' of syenitization (grey-wine) 1% pyrite	9-16	1.8	25		
251.3 - 257.0	1" grey qtz. str. at 80° in sericitized arkose	9-17	5.7	60		
257. - 262.	10" recrystallized quartzite, as above	9-18	5.0	60		
262 - 265.5	hard, slight pyrite	9-19	3.5	823	0.024	.033/
265.5 - 268.2	3" irreg. grey qtz; 6" recryst. quartzite <sup>cl. ss.</sup> pyrite	9-20	2.7		0.044	16.2'
268.2 - 271.4	chloritic; possible tuff bed	9-21	3.2	307		
271.4 - 275.2	80% v. f.g. chloritic dyke with silicified brown fractures thruout	9-22	3.8	292		
275.2 - 279.0	1' possible tuff bed, as above	9-23	3.8	45		
279.0 - 281.5	conf. fractures at contact zone with 2% py	9-24	2.5	173		

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-9  
 TOWNSHIP ..... PAGE NO. 4

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	ppb Au	opt Au		
280.-291.	<u>Syenite-Chlorite Hybrid Zone</u> : brick red, f.g. syenite mixed with dark green chlorite-carbonate sections which are schistose at 45° to c.a.						
281.5-287.0	80% chlorite-carbonate schist; 1% pyrite	9-25	5.5	63			
287.-292.	1" carbonate-filled fracture at 30°; carbonate-chlorite filled fractures at 50° in syenite; 2% py	9-26	5.0	17			
292.-294.	brick red syenite; sli-pyrite	9-27	2.0	29			
291-299.5	<u>Carbonate-Mariposite-Chlorite Schist</u> : at 50° to c.a.						
299.5-322.	<u>Arkose</u> : light grey, v.f.g. massive and uniform; initially brown-red over 1st foot; sections of arkose very hard						
304 - 7"	of mariposite mineralization at 50° to c.a.						
305.3-307.	grey-white qtz. vein, little smeared pyrite	9-28	1.7	7			
317.5-322.1	5" grey-white qtz; few fractures	9-29	4.6	18			
322.1-324.1	syenite, chlorite, carbonate, qtz, sli-pyrite	9-30	2.0	12			
332-356.	<u>Carbonate-Mariposite Schist</u> :						
332-337	2" graphite-qtz. at 50° to c.a., 1.5' grey carb.	9-31	5.0	86			

Drilled By .....

Signed .....  
**SHIELD GEOPHYSICS LIMITED**

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-9  
 TOWNSHIP ..... PAGE NO. 5

LOCATION ..... CORE LOCATION ..... STARTED .....  
 DIRECTION ..... COMPLETED .....  
 DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	ppb Au			
	with 20% pyrite, 7% graphite at 50° to 60°, marcasite nodules						
337-342	2% pyrite	9-32	5.0	14			
347	6" quartz porphyry						
351-356	3" white crosscutting carbonate str.	9-33	5.0	10			
356-366	<u>Quartz Porphyry</u> : very hard, grey, massive, with discernible ghosted phenocrysts, sericitized						
356-361		9-34	5.0	67			
361.4	1" crosscutting white qtz. str.						
366-377.3	<u>Carbonate - Marcasite Schist</u> :						
372-377	slight pyrite approaching contact	9-35	5.0	132			
377.3-420.	<u>Chlorite - Carbonate - Talc(?) - Schist - fault zone</u>						
390.5	4" irreg. qtz.						
392-395	core missing						
421.5; 425.5;	3" & 4" conf. inclusions of light brown quartzite						
420-504	<u>Carbonate-Artose Breccia</u> : light green fragments in a matrix of white carbonate, deeper - light brown fairly massive, uniform beds(?) form inclusions in carbonate - marcasite breccia.						

Drilled By .....

Signed .....  
**SHIELD GEOPHYSICS LIMITED**

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-9

TOWNSHIP ..... PAGE NO. 6

LOCATION ..... CORE LOCATION ..... STARTED .....

..... DIRECTION ..... COMPLETED .....

..... DIP ..... DIP TESTS .....

ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	ppb Au			
	420-442 90% carbonate breccia						
	442 - carbonate-filled fracture at 20° to e.o.						
	442.-444.5 2' of light brown felsic intrusive, f.gry.	9-36	2.5	19			
	Very hard, fractured at 30°, 1% pyrite						
	450-453. light brown intrusive, as above						
	456.-459.3 2' light brown porphyritic intrus. sh. pyrite	9-37	3.3	88			
	472.-473. barren carbonate-gtz. str. at 0° to e.o.						
	479.2-484.2 3' of light brown fragmented	9-38	5.0	54			
	carbonatized arkose(?), sh. pyrite						
	484.2-487.0 irreg. gtz-carb. str. along axis; sericite	9-39	2.8	29			
	500.5-501.8 1' of brown int.; chilled contacts	9-40	1.3	14			
504.-522.	Hamphyre; very dark, soft, f. to m. grained, massive, chloritic with pink mineral; first 7' seamed with carbonate-gtz. at 40°						
522-525.	Talc-Chlorite Schist: green soft, schistose at 70°						
525	END						

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY NONPOL EXPLORATIONS LTD. (Hobbs Option) HOLE NO. 86-10  
 TOWNSHIP Garrison PAGE NO. 1

LOCATION Line 62100 East CORE LOCATION \_\_\_\_\_ STARTED Oct. 17, 86  
Station 6100 North DIRECTION Az. 340° COMPLETED Oct. 20, 86  
 DIP 50° DIP TESTS 250' - 45°  
 ELEVATION \_\_\_\_\_ DEPTH 500' 500' - 42.5°

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	ppb Au			
0 - 17	Casing - overburden						
17 - 180	Greywacke - Arkose; v.f. gr. green, rather laminated sections interbedded with light green or pink harder more massive beds at 35° to c.a.						
28.5 - 33.0	4-4" pink quartzite beds with diss. pyrite	10-1	4.5	7			
47 - 56	light green arkose						
55.6 - 61.0	4' pink massive arkose with 1% diss. pyrite	10-2	5.4	107			
74 - 80.5	mostly arkose; 4" of rust, 6" of irreg. qtz-cach. slight pyrite	10-3	6.5	23			
80 - 107	mostly greywacke						
107 - 112	bleached; centred by 2" rusted, leached shears	10-4	5.0	27			
140 - 145	pinkish carbonatization; some pyrite	10-5	5.0	14			
145 - 150	" " ; sli pyrite	10-6	5.0	11			
150 - 155	" " ; 3" quartzite bed; sli pyrite	10-7	5.0	14			
156	6" leaching & rust; bedding at 65° to c.a.						
180 - 219	Carbonate - Sericite Schist; very light green, soft, schistose at 50°; odd conformable qtz str. up to 1/2"; 1/8" seam of pyrite; possible mafic tuff.						

Drilled By Exploration Drilling Inc.  
Stouffville, Ontario

Signed  SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-10

TOWNSHIP ..... PAGE NO. 2

LOCATION ..... CORE LOCATION ..... STARTED .....

..... DIRECTION .....

..... DIP .....

ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	ppb Au	opt. Au
188.5	3" rust				
189.0	3" rust				
193-198	4" of rust after groundwater; 1' pit calcareous with sli fine pyrite; at 197-2" discont. qtz-carb-str.	10-23	5	47	
198-203	about 1' of chloritic laminations; stretched altered fragments are possible brilli; 2" grey-brown silicified section with sli py-cpx	10-24	5	41	
203-205	10" dark coloured chloritic section	10-25	2	24	
205-207	series of grey to buff-coloured conf. qtz str at 50°, seams with pyrite, sli cpx, chlorite; 2" section is graphitic	10-28	2		0.422
207-209	harder with fewer sericitic partings; sli py-cpx as irreg. ragged clots	10-26	2	335	
209-214	almost massive buff-coloured carbonate, few pyrite seams	10-27	5	5	
214-219	not so massive with 1% pyrite as fine seams, grains & irreg. clots	10-28	5	7	
219-300	Greywacke: dark green, v. f. gr. soft more massive, slightly fractured, bedding at 45° to c.d.				
	236 - 7" conf. med. gr. lamprophyre dyke				
	245 - 1' of conf. granitization centred by gneiss-				

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-10

TOWNSHIP ..... PAGE NO. 3

LOCATION ..... CORE LOCATION ..... STARTED .....

..... DIRECTION ..... COMPLETED .....

..... DIP ..... DIP TESTS .....

ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	ppb Au	o.p.t. Au
	filled fault at 45° to c.o.				
	266.5 - 1" qtz. str. at 30° to c.o.				
	280. - 2" qtz. str. at 20° to c.o.				
300 - 358.5	Arkose: gradational to lighter colour, more granular & massive with pink feldspar deeper.				
	343-346 sericitized, fractured with 2" qtz. str	10-9	3.		0.034
	346-347 graphitic, fractured, broken, 1" gouge at 30°				

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED



# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-10

TOWNSHIP ..... PAGE NO. 4

LOCATION ..... CORE LOCATION ..... STARTED .....

..... DIRECTION ..... COMPLETED .....

..... DIP ..... DIPTESTS .....

ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	ppb Au	opt Au
347. - 348.5	1% pyrite	10-10	1.5	114	
348.5 - 354.5	moderately fractured, few 1/2" qtz str. 1% py	10-11	6.0	184	
354.5 - 356.5	1/2" barren qtz str at 0°				
356.5 - 358.5	strongly fractured, broken, sericitized, few qtz str; 10% pyrite	10-12	2.0		0.030
358.5 - 370.0	<u>Chlorite-Sericite Schist</u> ; few qtz str, some carb. str				
370. - 386.7	<u>Chlorite-Carbonate Schist</u> ; irreg. quartz str				
	385-387 mariposite, carbonate, quartz				
386.7 - 421.	<u>Arkose</u> ; grey-pink to greenish, f to v. fig. massive rock with inclusions of carbonate-mariposite				
386.7 - 391.7	3-1" qtz str; 3% diss pyrite	10-13	5.0	64	
391.7 - 396.7	2' carbonate-mariposite, 3' brownish arkose; 2% crystalline (up to 1/4") pyrite	10-14	5.0	41	
396.7 - 401.7	2.5' carb.-mariposite; 1% pyrite in arkose	10-15	5.0	66	
401.7 - 406.7	2-1" qtz str; last 4' quartzitic, 1% py	10-16	5.0	23	
406.7 - 412.0	2" qtz str. sil. pyrite	10-17	5.3	19	
412. - 417.	slight pyrite, becoming darker wine color	10-18	5.0	8	

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-10  
 TOWNSHIP ..... PAGE NO. 5

LOCATION ..... CORE LOCATION ..... STARTED .....  
 DIRECTION ..... COMPLETED .....  
 DIP ..... DIPTESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	ppb Au	o.p.t Au
421.-426.5	<u>Syenite: med. grained, brown to pink, granular, massive</u>				
426.5-446.5	<u>Arkose: as above &amp; sericitized with some inclusions of carbonate-mariposite</u>				
427-428.5	<u>3" barren gtz str</u>	10-19	1.5	14	
428.-429.	<u>Carbonate-mariposite</u>				
435-436.5	" "				
444-444.5	<u>rusty seams @ 45° to c.a. - fault</u>				
446.5-461.	<u>Carbonate-Mariposite Schist: at 45°</u>				
456-457	<u>5% pyrite in irreg gtz in arkose</u>	10-20	1.0	19	
461.-467.	<u>Quartz-Sericite Schist:</u>				
461-467		10-21	6.0	114	
467-472.5	<u>Quartz-Feldspar Porphyry: grey, massive, slightly ghosted phenocrysts</u>				
472.5-500.0	<u>Carbonate-Mariposite-Chlorite Schist: at 70° to c.a.</u>				
482	<u>4" of felsic intrusion</u>				
486-488.5	<u>fractured grey quartzose intrusion, 1" gouge at bottom, 1% pyrite</u>	10-22	2.5	92	
500.	<u>END</u>				

Drilled By .....

Signed .....  
**SHIELD GEOPHYSICS LIMITED**

# DIAMOND DRILL RECORD

PROPERTY Jonpal Explorations Ltd. (Hobbs Option) HOLE NO. 86-11A  
 TOWNSHIP Garrison PAGE NO. 1

LOCATION Line 62+00 East CORE LOCATION ..... STARTED November 2, 1986  
Station 5+00 North DIRECTION Az 340° COMPLETED November 4  
 DIP 50° DIPTESTS 250' - 52'  
 ELEVATION ..... DEPTH 500' ..... 500' - 53'

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb			
0 - 35	Casing - overburden						
35 - 71	Greywacke: v. f. grained, green-grey, uniform sediment with bleached-sericite zones, locally a trace of pyrite. halage blocks @ 46', 52', 61' & 66', 100% recovery limonite on fractures to 72' 42-46 bleached zone, qtz-chlorite, pyrite veinlets at 43.5'; 40° to c.a. (1/8" wide), at 45'; 50° to c.a. (1/4" wide) at 49' bedding at 40° 57-60' contorted 80° to 60° to c.a. 68', bedding at 45° 66-71 bleached zone; qtz-chl-py. veinlets at 70'; dislocated veins at 50° to c.a., fine diss py	11A-1	4.	59			
71 - 73	Greywacke: fine to med. gr., lighter grey, feldspathic sandstone with aligned chl(?) flakes; bedding at 50° to c.a.	11A-2	5	14			
73 - 96	Massive Greywacke: f. gr. dense, massive, uniform, hard, dark grey with green tinge; scattered euhedral pyrite cubes up to 1/8" 73-74 bleached zones on hairlines up to 1/2" wide						

Drilled By Exploration Drilling Inc.  
Stouffville, Ontario

Signed A. D. Drummond  
 for **SHIELD GEOPHYSICS LIMITED**

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-11A  
 TOWNSHIP ..... PAGE NO. 2

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb		
	70' - 1/2" qtz. @ 55° to c.o.					
	fracture blocks @ 71', 77, 83, 93, 96, 107, 117, 127, 137					
	89' qtz-py veinlet + bleached zone (1/2") @ 20°					
	93-96 transition zone, interlayered chlorite schist, soft & hard greywacke					
96-114.	<u>Chlorite-Carbonate Schist</u> - well laminated with qtz carbonate, chlorite, minor pyrite parallel to foliation at 50° to c.o.					
	96-97 several 1/2" qtz-carb.-chl.-minor py veins at 50° to c.o.					
	105-106 many carb.-qtz. hairlines at 50° to c.o. minor py					
	112' irreg. qtz-carb (feldspar hard) gash type veinlets cutting bedding					
114-122	<u>Greywacke</u> : green-grey, hard, sharp contact at 70° to c.o. uniform, dense, minor diss. py (<1%), scattered irreg. veinlets of qtz-minor chl.-py					
	117 - 3/4" qtz-feldspar (?) (hard white) vein with selvage of 1/16" chlorite-py on either side at 40° to c.o.					
115-119		11A-13	4	8		

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-11A  
 TOWNSHIP ..... PAGE NO. 4

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb			
	154 - 157 1.5' qtz at aver. 60° to c.a. but could be shatter zone; 157 - qtz 1.5" wide at 65° to c.a. at 159.5 & 162. limonite at 60° to c.a.	11A-5	3	11			
	159 - 162 light green laminated sed. v.f.gr. 50° to c.a. fine diss. py						
	162-171 dark green, dense, hard, uniform greywacke						
	163-168 scattered qtz-chl-py at 50° to c.a.	11A-6	5	17			
	168-171 at 170.5 1/8" qtz-chl-py with diss. py. in 1" hole	11A-7	3	8			
171-177	<u>Arkose</u> : contact overall at 40° to c.a., fine grained, grey, red, brown.						
	174-175 zone of qtz & foliation surfaces, no apparent py but has a hematitic tinge; otherwise arkose is unaltered						
	Footage blocks - 147, 157, 167, 177, 187, 197, 207, 216, 223, 229, 237, 246, 254, 259, 267, 277, 282, 292, 297, 305, 312, 315, 322						
177-209	Greywacke: v.f.gr., grey-green, mostly hard, a few chloritic patches, minor diss. py.						
	183 - qtz-corb-chl-py hairlines at 45° to c.a.						

Drilled By .....

Signed ..... SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-11A  
 TOWNSHIP ..... PAGE NO. 5

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb			
	195-201 lighter green more pronounced laminations with relatively more diss. py & qtz-carb veinlets at 55° to c.o.	11A-8	6				
	202-202.5 6" laminated zone with increased py, lighter green						
	207.5-209.0 lt. green; more pronounced laminations						
209 - 216	<u>Arkose</u> : pink orange, & stronger development of foliation planes than in above; increased shattering → deeper local irreg. qtz.-feld. patches (veins)						
	214-216 well laminated & bleached to light pink-tan with soussurite green; includes 1" qtz-carb at 30° to c.o. with trace of py						
216 - 240	<u>Greywacke</u> : v.l.g., green-grey, hard, dense, minor diss. py, uniformly veined with qtz-carb: hairlines & some gash types						
	223-227 225.5' 6" pink tinged zone centered on 1/2" qtz-chl.-py & diss. py in adjacent rock	11A-15	4	59			
	233-237 dark, green-brown to pinkish zone & irreg. veinlets, maybe actinic bed, no inc. in py						
240 - 247	<u>Talc Schist</u> : tan, to light green, laminated, sediment, soft						
	240-241 foliation at 50° to c.o., minor pyrite						

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-11A  
 TOWNSHIP ..... PAGE NO. 6

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au/ppb	Au/oz/T		
247-249.5	Arkose: - foliated						
249.5-264.	Greywacke: dark green, hard, uniform, dense, scattered qtz-carb. hairline, minor pyrite						
	259 locally light green laminations at 55° to c.a.						
264-278	Arkose: greenish red, shattered; with scattered pink (potassic alt'n.) adjacent to hairlines 264.5 specularite on late fractures						
	272-273 bleached zone at 55° to c.a., minor py						
278-312	Talc-Chlorite Schist: well laminated, soft, in lighter coloured bands, pink tinge with saussurite green; only scattered qtz-py hairlines, increasing hardness as rock becomes dark green. (transition from talc schist to laminated greywacke?), scattered but minimal pyrite, laminated strong at 50° to c.a.						
312-323	Talc-Carbonate Schist: soft, light tan with pale greenish tinge; well laminated at 40° to c.a., minor py						
323-328	Silicified Talc Schist: same rock but harder						
	323-325 qtz, py, grey chl. as hairlines & vein fragments	11A-9	2	59			
	325-328 as above, more intense; 327 becomes pink tinged	11A-10	3	2736	.079		

Drilled By .....

Signed .....  
**SHIELD GEOPHYSICS LIMITED**

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 06-11A  
 TOWNSHIP ..... PAGE NO. 7

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb				
	320 - 331 core missing (blocks misplaced)							
	fringe blocks @ 331, 346, 356, 366, 376, 386, 397, 407, 417, 427, 437, 447, 450, 465, 470, 480, 490, 500							
331 - 404	Greywacke; dark green, med. hard, v.f. gr, mostly uniform, locally laminated up to 1' lengths; shattered veinlets of qtz-carb.							
	335', 340' bedding at 40° to c.a.							
	374' fractures, qtz-chl-py veinlet (1/16") at 30° to c.a.							
	382' 4" bleached light-tan zone at 45°; 1-2% diss. py							
	387' 1/16" qtz-chl-py at 50° to c.a.							
	hairlines w. py    to bedding; qtz-carb veinlets mostly crosscut bedding (tension fractures)							
404 - 460	Arkose; chloritized, green with weak red-brown tinge							
	bleach halo common, f. gr. uniform, ~ 1% diss. py							
	405 foliation at 40° to c.a.							
	qtz-py hairlines at 40° to c.a. cut by qtz-carb veinlets							
	412-417 increase in hairlines, py to 2%	11A-11	5	56				
	413 1" qtz-chl. + py vein at 50° to c.a.							
	416.5 bleached zone (3") with hairline qtz-chl.-py cut by qtz-carb; 1% diss py in host rock							

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED



# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. B6-11A  
 TOWNSHIP ..... PAGE NO. 8

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	ppb Au	opt		
	435' 1/4" py zone at 40° to c.a.						
460-464	Arkose: pink tinged; same texture as above, ~ 1% diss. py						
464-476	Greywacke: chloritized						
	465' qtz-py hairlines @ 70° to c.a.						
	465-468 alternating bleached (tan-green chl - pink potassic)						
	with scattered qtz-py hairlines						
460-464	464-469 at 466 2" qtz-chl-carb-py, bleached betw.	11A-16	4	177			
	465-466.5 with diss. py	11A-12	5	308	.01		
	same between 467-469						
	py is very fine; foliation at 50° to c.a.						
	470 3" qtz-ser-py @ 70° to c.a.						
	469-473	11A-17	4	842	.024		
476-500	Arkose: f. gr. red-brown, uniform, < 1% py, becomes greenish between 480-486						
500	END						

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY JONPOL EXPLORATIONS LTD (Hobbs Option) HOLE NO. 86-12

TOWNSHIP GARRISON PAGE NO. 1

LOCATION Line 60+00 East

Station 6+00 North

CORE LOCATION .....

STARTED November 4,

DIRECTION Az 340°

COMPLETED November 7, 1986

DIP 50°

DIP TESTS 250° - 48°

ELEVATION .....

DEPTH 437'

437' - 46°

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Ppb Au		
<del>0 - 30</del>	Casing - overburden					
30 - 51	Greywacke; chloritized, dark green, f. to v.f. grained, medium hard, to soft chloritic schist; locally well laminated at 55° to c.a., limonite to 60'; numerous irreg. qtz. hairlines; pyrite with qtz-chl. veinlets at 33', 33.5', 43'					
	fracture blocks at 30, 43, 50, 57, 67, 77, 87, 97, 107, 112, 115, 117, 125, 130, 137, 140, 143					
	47.5 - 50 recovered only 6" core					
	47.5(?) - 51 1.5" white hull qtz ll to core, locally vuggy & limonite stained rx adj. to qtz is broken & bleached					
51 - 69.5	Talc Chlorite Quartz Schist; silicified alteration zone pale tan green to light green, hard, laminated at 50° to c.a. many qtz. miner. chl.; trace py veinlets; some cantaxtion, shattering; most qtz veinlets cut foliation, pyrite veinlets cont. to foliation at 53, 56.5, 60.5					
	diss. pyrite at 60 to 69.5; limonite stained broken core between 59-60					
58 - 64		12-1	05504 6.	234		

Drilled By Exploration Drilling  
Stouffville, Ontario

Signed A. D. Drummond  
SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-12

TOWNSHIP ..... PAGE NO. 2

LOCATION ..... CORE LOCATION ..... STARTED .....

..... DIRECTION ..... COMPLETED .....

..... DIP ..... DIP TESTS .....

ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	ppb Au			
	64-69.5	05505 12-2	5.5	53			
69.5 - 76.	Arkose: pink, f.g., hard, foliated, contact at ss° to c.a., cut by late qtz at 20° to c.a.						
76 - 91	Arkose alternating with Tale Chlorite Schist: alteration zone, equigranular f to v.f. grained, pink, arkose as thin beds alternate with leuse-like v.f.g. sediment - new talc-qtz to chlorite-rich, well bedded at 60° to c.a., hard; color alternates from red brown to light green						
	77-82. at 78.5 3" qtz-chl-py ± carb @ 60° to c.a., at 81 - 1/2" late qtz vein cuts foliation at 50°, scattered qtz-chl-py at 60° cut by late qtz	05506 12-3	5.	50			
	82-88 at 87.5 - specularite	05507 12-4	6	38			
91 - 158	Schist (greywacke): chloritized, well bedded, dark green, laminated, locally contorted, mostly hard, (sediments v.f.g. & appear to be low energy sed. environment) foliation at 60° to c.a. except for contortions - soft sed. slumping? minimal py-diss. or as veinlets						

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-12

TOWNSHIP ..... PAGE NO. 3

LOCATION ..... CORE LOCATION ..... STARTED .....

..... DIRECTION .....

..... DIP .....

ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	ppb Au		
	115-117 brecciated with qtz-py	5508 12-5	2	46		
	contorted bedding at 92, 95, 98, 125.5, 130'					
	footage blocks at 157, 167, 177, 187, 197, 205, 217, 227, 237, 247, 257, 267, 277, 287					
158-187	<u>Arkose &amp; Chloritic Schist</u>					
	158-167 light green bedded & bands of pink					
	167-172 mostly pink, massive					
	172-187 light green bedded & bands of pink - talc schist & arkose					
	bedding at 55° to c.a.; minor qtz-py hairlines, qtz-py at 178					
	185-187 darker green & more contorted					
	183 - 3" zone of inc. pyrite					
187-210	<u>Graywacke: chloritized &amp; carbonate filled - fault zone</u>	197- breccia				
	dark green, generally soft, contorted, well banded, v.f. to f.gr.					
	scattered pyrite - minor to abundant; 187 - breccia					
	187-192 late qtz vein at 20° to c.a., broken, limonite	5509 12-6	5	56		
	cuts foliation at 55° to c.a.					
	192-197	5510 12-7	5	38		
	197-202	5511 12-8	5	59		
	202-205	5512 12-9	3	48		
	205-210	5513 12-10	5	32		

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. B6-12  
 TOWNSHIP ..... PAGE NO. 4

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	ppb Au			
	204 - 210 pinkish tinge						
210 - 217	Chlorite Tale Schist; transition zone light green, bedded at 55° to c.a.						
217 - 237	Syenite Sill or Chloritized, Carbonatized Arkoses massive, f. gr., mod. hard, green with with red cast nil to trace pyrite						
237 - 341	Chloritized Arkose; dark green, with few argillite-type lenses, chloritized sediment - v.f. gr. dense, uniform, relatively hard. 252 bedding against lenses at 35° to c.a. late carbonate veins scattered thruout in irreg directions to c.a. 2-4% diss pyrite thru rock						
	247 - 250 up to 5% pyrite	5514 12-11	3	22			
	253 - 257	5515 12-12	4	22			
	260 - 261.5						
	265 - 266 - trace epy						
	273 - 275 " "						
	282 - 286 pinkish tinge	5516 12-13	4	114			

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-12

TOWNSHIP ..... PAGE NO. 5

LOCATION ..... CORE LOCATION ..... STARTED .....

..... DIRECTION ..... COMPLETED .....

..... DIP ..... DIP TESTS .....

ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb		
	footage blocks - 297, 305, 314, 323, 327, 347, 357, 267, 377, 384, 397, 405, 417, 427, 437					
	326 - 337 ground 5'					
	294 - 297 diss. py-spec. in veins					
	307 - 341 pink arkose with specularite veinlets					
	diss. pyrite & qtz-spec. veinlets					
	318 - 322 py-spec. bleached with qtz flooding	12-14	4	78		
	322 - 327	12-18	5	96		
	341 contact at 25° to c.o					
341 - 389	Chloritized Greywacke: schistose, dark to pale green; variable beds of v. gr to dense to 3 to m. gr. granular all well foliated & laminated bedded sequence; some bleached silic. zones, some soft sericitic or talcose					
	356 5" late qtz L to c.o					
	363 - 367 1' variable 1/2" qtz str. down core cuts 40° bedding	12-15	4	59		
	pyrite at 345-348, 349-352, 355-356, 363-367					
	377.5 2" chl. carb qtz slip @ 35° to c.o					
	385 - 389 siliceous					

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-12

TOWNSHIP ..... PAGE NO. 6

LOCATION ..... CORE LOCATION ..... STARTED .....

..... DIRECTION .....

..... DIP ..... COMPLETED .....

ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	ppb Au	opt. Au		
389 - 395	<u>Iron Formation: contact at 40° to ca.</u> banded magnetite ± specularite with qtz & block cherty material						
389 - 392	3% pyrite	12-16	<sup>65517</sup> 3	523	0.015	.824	
392 - 395.5	minimum - 10% pyrite as veins & replacement of magnetite	12-17	<sup>65518</sup> 3.5	52849 51819	1.53	6.5'	
395 - 419.5	<u>Chlorite - Carbonate - Quartz Schist, dark green,</u> well foliated with carb.-qtz.-py-spec. relatively soft; foliation 40° to ca. 406.5 - 408 porphyritic syenite dyke? 406-408	12-19	2	54			
419.5 - 437	<u>Arkose: dense, hard, v.f.gr. 1-2% pyrite,</u> occasional hairlines 432-437 lacking py with 3% micasite on foliation could be different rock						
437	END						

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY JONPOL EXPLORATIONS LTD. HOLE NO. 86-13

TOWNSHIP GARRISON PAGE NO. 1

LOCATION 61+50 E

CORE LOCATION .....

STARTED Nov. 10

6+15 N

DIRECTION Nz. 340°

COMPLETED Nov. 13. 1986

DIP 50°

DIP TESTS 250' - 40°

ELEVATION .....

DEPTH 336'

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb			
0 - 34	Casing - overburden						
34 - 42	Quartzite(?): hard, tan to light green, v.t. gr., faint foliation at 40° to c.o.; 1-2% fine diss pyrite						
34-37	odd 1/4" qtz str ⊥ to foliation, 1" mariposite at start	13-1	3	22			
37-40	2" qtz-limonite breccia ⊥ to foliation; 1/2" qtz-limonite breccia at 20°; 1/16" qtz along fractures at 35° ⊥ to bedding, terminates bedding; 2" qtz-carb. str ⊥ to bedding	13-2	3	7			
42 - 49	Greywacke: soft, v.t. gr. light to med. green, laminated at 40° to c.o. 46 - 1" limonite along bedding planes						
49 - 60	Arkose: med to c. gr. grey to maroon; maroon colored grains up to 1/8" & mariposite, bedding at 45° to c.o., 1" irreg. qtz-carb str. at 57'						
60 -	Greywacke - Slate: v.t. gr. soft, light green beds alternate with softer chloritic dark green beds at 50° to c.o., qtz. filled gash fractures ⊥ to bedding.						

Drilled By Exploration Drilling  
Stouffville, Ontario

Signed  SHIELD GEOPHYSICS LIMITED



# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-13 .....

TOWNSHIP ..... PAGE NO. 2 .....

LOCATION ..... CORE LOCATION ..... STARTED .....

..... DIRECTION ..... COMPLETED .....

..... DIP ..... DIP TESTS .....

ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au. ppb		
	64.-66.5 starts with 1" qtz-pyrite str. at 50°, 3" of limonite	13-3	2.5	12		
	conf. to bedding; 1/2" qtz str. slipy at 50° with adj. bleaching					
	83.5-87. series of conf. qtz-carb str. up to 1" wide, minor py	13-4	3.5	26		
	91-211 core is broken & fragmented					
	91-7" limonite alteration & vuggy					
	103-108 broken core is mostly yellow-brown after limonite	13-5	5	59		
	or pink-brown after carbonate? alteration; 1/4" fine py,					
	odd narrow crosscutting irreg. qtz str. in dark green					
	chloritic greywacke					
	113 - 1/2" qtz str at 30°					
	108-140 occasional sections of pink-brown conf. carbonate					
	with diss. py up to 2" & seams of hematite or magnetite					
	127-128.5 tan to light green carbonatized? zone					
	130 - 2" limonite alteration					
140 - 143	<u>Arkose</u> : light grey-green, hard, broken, sh schistose					
	140-143 light green, harder, slightly schistose, feldspathic	13-6	3	12		

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-13

TOWNSHIP ..... PAGE NO. 3

LOCATION ..... CORE LOCATION ..... STARTED .....

..... DIRECTION ..... COMPLETED .....

..... DIP ..... DIP TESTS .....

ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb			
143 - 157.5	Chlorite - Carbonate - Talc Schist: grey-green to dark green, very soft, laminated at 50°, occ. parting is limonite stained; similar to greywacke-slate; odd pink carbonate section - up to 2"						
157.5 - 161.	Chlorite - Carbonate Schist: transition zone, thin chloritic plates alternate with thin carbonate plates						
161 - 199	Sericite - Carbonate - Talc Schist: pale green, soft, schistose at 45° to c.d.; 1st' is contorted, maroon-colored with epidote; maroon partings diminish deeper; this rock is best for Au mineralization in hole 86-10; numerous cont. qtz-carb str's ranging from hairline to 1"						
	166 crosscutting raggy fracture ⊥ to foliation						
	169 - 4" dark green-chloritic						
	179-196 core ground - fault						
	196-197 sericite-carbonate-chlorite-qtz breccia, 18ppb	13-7	1	54			
	197-199 core ground - fault						

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-13

TOWNSHIP ..... PAGE NO. 4

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb			
199-212.5	Arkose Breccia: brownish grey f. gr. moderately soft, initially carbonatized, fractures filled with chlorite?, pink qtz-carbonate, sli fine pyrite throuant.						
203-208	highly fractured as above, diss fine pyrite	13-8	5	6			
211-212.5	well developed breccia						
212.5-	Arkose: grey brown, f. to m. gr. massive, fairly uniform, slightly fractured, sli pyrite						
229-232	numerous scattered fragments of salmon-colored syenite, one up to 2"; most less than 1/2"						
232-237	dark green chloritic with carb.-filled fractures at 20°						
239.5-244.5	light pink 1" qtz-carb at 20°, slipy, 2" barren white qtz str at 70°, 1" qtz-carb str at 60°	13-9	5	10			
244.5-249.5	several qtz filled fractures up to 1/4" at 70° with adj. bleaching	13-10	5	15			
237-336	medium green to brownish						

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-13

TOWNSHIP ..... PAGE NO. 5

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb			
	262-267 qtz-filled fractures at var $\angle$ 's up to 1/8" causing adj beige-pink bleaching, slipy	13-11	5	7			
	267-272 as above, up to 1% pyrite, 6" of bleaching in fracture zone	13-12	5	80			
	272-277. numerous irreg. fract. ranging from 1/4" to hairline causing bleaching; 7" salmon bleached section contains numerous qtz-chlorite-py-magnetite <sup>?</sup> -filled fractures at 70°	13-13	5	236			
	277-287 moderate irreg. fracturing with bleaching						
	287.-292 mostly salmon-grey bleached, complex fine fracturing, slipy.	13-14	5	26			
	293.5 sericitized shearing or bedding at 25° to c.d.						
	295.5-297. fault-yellow-white carbonate filled breccia						
	297.6 heavily disc py or 3" grey qtz str at 70°						
	306-311 salmon alteration assoc. with fract., slipy	13-15	5	37			
	312-315 highly fractured & sheared but minor py						
	315-336 moderately fractured & altered.						
336	END						

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

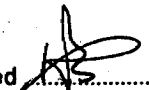
# DIAMOND DRILL RECORD

PROPERTY IONPOL EXPLORATIONS LTD (Hobby Option) HOLE NO. 86-14  
 TOWNSHIP GARRISON PAGE NO. 1

LOCATION Line 62+50 East CORE LOCATION \_\_\_\_\_ STARTED Nov. 17  
Station 6+15 North DIRECTION Az - 340° COMPLETED Nov. 22, 1986  
 \_\_\_\_\_ DIP 50° DIP TESTS \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DEPTH 287'

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb			
0 - 28	Casing - overburden						
28 - 45	Greywacke - Arkose: mostly dark green, soft, chloritic, fine grained with light grey pinkish layers (up to 1/4") of harder mineral (carbonate) at 030° to c.o.						
	33 - 2" pink-brown qtz-carb alteration at 40° with diss. py						
	33.5 6" maroon actolitic bed at 40°						
	34.3 1/2" cont. pink qtz-carb						
	40.5 1" cont qtz-carb at 45°						
	43-45 1' of cont limonitic alteration in bleached section						
45 - 52.8	Sericite Carbonate Schist: slaty cleavage at 45°, pale-green, soft & laminated						
	48-53 2" cont. grey-green quartzite or str; 2-1/2" cont. qtz str, minor py in cont. hair line seams at 40°	14-1	5	10			
52.8 - 57.5	Arkose: light pink, fine to m. gr. moderately hard, granular, with occ. partings at 45°, grains of apple-green sericite orepidote & maroon hematite or jasper scattered throughout						

Drilled By Exploration Drilling  
Stouffville, Ontario

Signed  \_\_\_\_\_  
 SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. B6-14  
 TOWNSHIP ..... PAGE NO. 2

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb			
	56.5 - 7" of barren irreg. white qtz-carb						
	57.0 cont. pink brown qtz str or qtzite beds						
57.5 - 97.0	<u>Greywacke</u> ; generally dark green & chloritic, soft, v.f. gr; however, prominent pale green beds at 95.0' are often centred by conf. qtz-carbonate						
	70-75 initial ft. is hard, cherty, fractured, 60% of balance is brownish conf. carbonate beds; 1% pyrite	14-2	5	10			
97 - 174	<u>Greywacke in part Arkosic</u> ; f. gr. dark grey, granular, harder than above, comparatively massive, irreg. carb.-filled gash fractures & irreg. light brown, bleached carbonate zones with diss pyrite; deeper, interbedded with pale tan or pale green sericitic beds; blacky core assoc. with shears, limonitic stain & some leaching						
	97-102 initial 12' is moderately sheared at 50'; brownish arkose followed by 1" & 2" of grey, pink syenite containing diss. py-cpx	14-3	5	18			

Drilled By .....

Signed .....  
**SHIELD GEOPHYSICS LIMITED**

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-14  
 TOWNSHIP ..... PAGE NO. 3

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb			
	119 sulphide seams assoc. with 1" qtz-carb str. @ 45°						
	122-128.5 pale green to tan and schistose						
	126-131 minor py in seams in part maroon coloured, carbonatized sections	14-4	5.	8			
	131-135 roughly cont. maroon coloured carbonate zone with diss. pyrite	14-5	4.	7			
	155-156 core lost						
	161-162 " "						
	163.5-164 " "						
	156.5 - 4" vuggy limonite staining						
	157-162 predominantly tan to pale green carb. sericite at 45° to c.o.						
	162 as above but with maroon cast after iron, lost						
	5' finely banded with beds at 1/4 & 1/8" at 55°; 4" of broken limonitic core						
174 - 206.5	Carbonate - Sericite - Quartz Schist; pale green, v.f. gr, moderately hard, schistose at 45-50°; add secondary qtz str. becomes harder deeper						

Drilled By .....

Signed .....  
**SHIELD GEOPHYSICS LIMITED**

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 06-14

TOWNSHIP ..... PAGE NO. 4

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb		
170-179.5	4" chloritic & limonitic shear, minor pyrite,	14-6	1.5	19		
179.5-184.5	several 1/2" cont. & unconf. qtz str, few seams of pyrite	14-7	5	18		
187.5	3" of chlorite parting adj. to 1" cont qtz str					
188-192	maroon cast after higher iron					
192-199	more cont. qtz str but no sulphides					
199-203	shearing & schistosity at 45°-55°; cont 1/2" qtz str with minor pyrite	14-8	4	151		
203-206.5	much harder more massive quartz-arkose with few 1/2" irreg. qtz str; last 6" contains 5% pyrite with irreg. qtz str.	14-9	3.5	11		
206.5-207.	<u>Greywacke</u> : dark green, fig. hard, massive with irreg. buff coloured carbonate bleaching; contact at 55° to c.o. carbonate bleaching is centred by random irreg. qtz-chlorite strs up to 1/4"; probably chloritized arkose; no discernible bedding					
206.5-208.0	5% pyrite with carbonate seaming	14-10	1.5	12		
208.-212.	few irreg. qtz str sli pyrite	14-11	4.0	8		

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED



# DIAMOND DRILL RECORD

PROPERTY .....

 HOLE NO. 86-14

TOWNSHIP .....

 PAGE NO. 5

LOCATION .....

CORE LOCATION .....

STARTED .....

DIRECTION .....

COMPLETED .....

DIP .....

DIP TESTS .....

ELEVATION .....

DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb			
212-214.2	2" qtz str at 040° with sheared contact having pyrite diss. then 10" carb. bleaching adj to 020° qtz str & diss py	14-12	2.2	15			
228-232.5	moderate fracturing filled with qtz-chlorite - py str, up to 1/4", with adj buff bleaching	14-13	4.5	47			
232.5-237.0	1" x 1/2" adj grey qtz str at 20° with shearing; limonite after py	14-14	4.5	4			
240	possible mafic dyke for 1' & shearing at 30° to s.e.						
249	- clots of pyrite						
250.5-255.5	1' dirty grey brecciated qtz in large irreg. fracture; few qtz-chl-strs	14-15	5.0	4			
255.5-257.0	1/2" qtz str at 90° with heavy pyrite	14-16	1.5	23			
260	- brecciated fracture filling at 30°						
262-287	massive, few fractures, med. green						
287	END						

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY Jonpel Explorations Ltd. (Hobbs Option) HOLE NO. 86-15

TOWNSHIP Garrison PAGE NO. 1

LOCATION Line 60+00 E  
Station 57.00 N

CORE LOCATION .....

STARTED Jan. 10, 87

DIRECTION Az 340°

COMPLETED Jan. 13, 87

DIP 50°

DIP TESTS 300' - 44°

DEPTH 666'

666' - 35°

ELEVATION .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb	Au opt
0 - 29	Casing - overburden				
29 - 86	<u>Actose / Greywacke?</u> med. to dark green, f. grained, massive without discernible bedding, initially chloritized; deeper - bleached; in first 3' shows irregular buff-coloured bleaching along fractures & carbonate str.				
29-53	white speckling; perhaps carbonate neta-growths				
53-	mostly yellow-green colour after leaching in moderately fractured zone; thin chloritized fractures, occ. with pyrite, carbonate & qtz str up to 1/4".				
53.5 - 58.5	10" fracture zone with 15% qtz-carb filling in part banded, marked by sericite with 4% py.	15-1	5	51	
67-71	bleaching intensities, medium grained, & larger white porphyroblasts				
72-77	10% qtz-carb str in irreg. fracture zone, 2% py	15-2	5	10	
77-82	as above & brown leaching over 2" along fract	15-3	5	10	
82-87	as above	15-4	5	17	

Drilled By Exploration Drilling Inc.  
Stouffville, Ontario

Signed  SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-15  
 TOWNSHIP ..... PAGE NO. 2

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb	Au opt		
86 - 112.8	<u>Quartzite</u> : impure but substantially harder & more siliceous than adjoining rock; fine gr. yellow-brown (bleached), massive except for minor fracturing; no discernible contact or differences from upper unit except for hardness; 1% py						
	87-92 sericitic partings along hard siliceous beds; last ft is fractured, chloritized & rusty	15-5	5.	25			
	92-97 initial 2' quartzite; remainder siliceous, 1% py	15-6	5.	14			
	110.8 - 112.8 irreg. fractures filled by barren qtz-carb. - orthoclase for 5" & 3"						
112.8 - 135.5	<u>Greywacke</u> : dark green, v.f. gr. soft, chloritic, generally massive but deeper, bedding at 45° to S. @ 116 - 1" qtz str @ 45°						
	125 - 126 1/2" grey qtz str @ 40° with pyritic contacts	15-7	1	12			
135.5 - 142.0	<u>Iron Formation</u> : wine-green colour, coarse to f. grained, bedded at 45°, soft, carbonatized & hematized, last few						

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-15  
 TOWNSHIP ..... PAGE NO. 3

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE				
	<i>inches is wine-block chert @ 45°</i>						
<i>142- 278.5</i>	<i>Greywacke: dark green, massive, v.f. gr. chloritic, soft.</i>						
	<i>155-156.5 iron fusi(?) dark chert &amp; brownish carbonate (siderite?)</i>						
	<i>156.5-160. banded at 45°, coarsely cryst. dominantly carbonate</i>						
	<i>160-180. disuniform with concentrations of irreg. carbonate</i>						
	<i>180- carbonate seams generally 45-60° causing some bleaching</i>						
	<i>185-186.5 reddish brown hard quartzite bed</i>						
	<i>204 4" barren white qtz-carbonate</i>						
	<i>204-207 arkose bed, soft altered light green sericitic with foliation at 70°</i>						
	<i>209-210 as above</i>						
	<i>217-278.5 extremely well bedded at 70° &amp; c.a. marked by carbonate, epidote, sericite</i>						
<i>278.5-</i>	<i>Arkose: light green to buff colour, mod. hard, v.f. gr. finely bedded at 70° &amp; c.a. marked by carbonate &amp; sericite partings; occ. fine seam of pyrite</i>						

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-15  
 TOWNSHIP ..... PAGE NO. 4

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb	Au opt
	301.5 - 306.5 1/2" qtz-carb str at 30° E crosscutting foliation; 1% py as seams	15-8	5	47	
306.2 - 323.0	Greywacke/Arkose: chloritic greywacke interbedded with buff to pink arkose beds with qtz & carb str 318-323 c.gr. carbonatized & hematized				
323 - 402	Greywacke or Chloritized Arkose: dark green, v.f. gr. massive, chloritized, fractures with diss. sulphides cause brown bleaching 337-342 bedding planes at 30° to cor. 346 3" of carbonate filled breccia 348-355.5 mostly c.gr. arkose with orthoclase grains; bedding at 30°-50° 356.8 1/8" carbonate-pyrite seams @ 45° with adj. brown carbonatization 360 few chalcopyrite grains in sulphide-fractures with adj brown bleaching over sections of 1' & 1.5"				
	376-381 fracture zone filled with chlorite or carbonate 1% diss pyrite; adjacent brown bleaching	15-9	5		0.031

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-15 .....

TOWNSHIP ..... PAGE NO. 5 .....

LOCATION ..... CORE LOCATION ..... STARTED .....

..... DIRECTION ..... COMPLETED .....

..... DIP ..... DIPTESTS .....

ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb	Au opt	Product
402 - 423	Arkose: soft, wine-brown, medium gr, massive except for moderate fracturing filled by carbonate & qtz str; contact undefined					
411 - 416	10% qtz str up to 1"; less 1% pyrite	15-10	5	229		
416 - 423	slightly sheared; less than 1% py seams at 80'	15-28	7	162		
423 - 466	Sheared Chloritized & Silicified Arkose: grey-green, occ. pink colour, strongly sheared at about 70° to c.a. chlorite, carbonate, qtz, sericite seaming; mod. pyrite					
423 - 428	silicified, 2% pyrite	15-11	5		0.051	0.255
428 - 433	softer, green, chloritic, minor pyrite	15-12	5	426	0.01	0.05
433 - 438	10% irreg grey qtz str in chloritic section, 1% py	15-13	5		0.036	0.18
438 - 443	light brown to wine coloured, partially silicif. 2% pyrite with 4" dark grey qtz str	15-14	5		0.051	0.255
443 - 448	reddish brown, soft except for silicif. carbonated (fizz); 4% pyrite	15-15	5		0.066	0.33
448 - 453	2' boudinaged qtz str assoc with heavy pyrite, 5% py overall	15-16	5		0.172	0.86
453 - 456	1" dragged qtz str; 3% pyrite	15-17	3		0.034	0.102
456 - 461	25% irreg grey qtz str including conf. 7" mass vein, 3% cubic pyrite	15-18	5		0.089	0.445
						2.477 ÷ 38

0.065  
38'

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-15

TOWNSHIP ..... PAGE NO. 6

LOCATION ..... CORE LOCATION ..... STARTED .....

..... DIRECTION ..... COMPLETED .....

..... DIP ..... DIP TESTS .....

ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb	Au opt
	461-475 Fault Zone - brecciated with gouge				
466-500	Arkose: contact poorly defined, light green then pink, f. gr. massive, brecciated then fractured with chlorite-gtz filling				
	476-481 few 1/4" gtz str, sli pyrite	15-19	5	55	
	497-500 sheared & chloritized arkose, over 3' irreg. gtz str with sli pyrite	15-20	3		0.004
500-502	<u>Iron Formation</u> : contact at 80°, bands of chert, magnetite, & chlorite, 5% pyrite, 10% cont. gtz str up to 1.5" wide	15-21	2		0.08
502-521	<u>Chlorite-Carbonate Schist</u> : dark green, soft, vuggy with indistinct foliation at 70-80°				
	502-506.5 2" syenite	15-22	4.5	44	
	511-514 c. gr. arkose				
	515-517 somewhat syenitized, 2% pyrite	15-23	2	22	
	519 8" red syenite				
521-543	Arkose: f. to m. grained, massive, pink to grey or light green, granular, up to 1% diss pyrite				

Drilled By .....

Signed .....  
**SHIELD GEOPHYSICS LIMITED**

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-15  
 TOWNSHIP ..... PAGE NO. 7

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb			
	536.7 - 541.7 3 qtz strz (1" to 2"), mariposite over 2', 1% py	15-24	5	259			
543 - 562	Mariposite-Quartz-Carbonate Schist: f. gr. light chrome green, schistose at 60-70°						
	552 - 553.3 1' gray qtz with sli diss pyrite	15-25	1.3	48			
562 - 580	Quartz-Sericite Porphyry: light grey-green, v.f. gr, generally massive, with faint ghosted phenocrysts scattered locally; sericite finely distributed in zones; altered felsic intrusive.						
580 - 622	Mariposite-Quartz-Carbonate Schist:						
	591.3 - 593.3 1.7' sericitized congl. qtz porphyry	15-26	2.	54			
	607. - 611.5 dark grey fractured quartz porphyry with finely diss pyrite; white rounded qtz seams fill fract	15-27	4.5	149			
	616 - 622 softer with much increased carbonate						

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED



# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 86-15  
 TOWNSHIP ..... PAGE NO. 8

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE			
<u>622 - 639</u>	<u>Talc - Carbonate - Schist: grey, soft schistose at 70°</u>					
	<u>628.5 7" limonite stain</u>					
<u>639 - 666</u>	<u>Mafic Volcanic Breccia: green, f. gr. massive; rounded &amp; angular fragments in dark green chloritic matrix; white carbonate seams fill random fractures</u>					
<u>666</u>	<u>FND</u>					

Drilled By ..... Signed ..... SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD


PROPERTY Jonpal Explorations Limited (Abbs Option) HOLE NO. 87-16

TOWNSHIP Garrison PAGE NO. 1

LOCATION Line 62.00 East CORE LOCATION ..... STARTED Jan 13, 1987  
Station 4.00 North DIRECTION Az 340° COMPLETED Jan 16, 1987  
 DIP 50° DIP TESTS 260-50°  
 ELEVATION ..... DEPTH 555' ..... 550-40°

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb	Au opt
0 - 26	Casing - overburden				
26 - 173.	<u>Arkose: grey-pink to grey-green, vit. to f. gr, massive, slipy-spy diss, but initially brecciated</u>				
	<u>28.3 1/8" qtz seams at 30°</u>				
	<u>30-78 fractured &amp; brecciated; seams filled with chlorite, hematite or quartz</u>				
	<u>32-37 moderately fractured @ 30-60°</u>	16-1	5	36	
	<u>37-42 " " &amp; in part brecciated &amp; limonite stained along c.d.</u>	16-2	5	12	
	<u>42-47 well fractured, vuggy, locally limonite stained</u>	16-3	5	11	
	<u>47-53 1.5' &amp; 4" of brecciation with few intervening qtz str</u>	16-4	6	78	
	<u>47.5-49 no core</u>				
	<u>57-62 sheared at 40°, 2" &amp; 1" zones contains pyritic gouge</u>	16-5	5	25	
	<u>62-67 20% qtz seaming at 60° with crosscutting limonite stained fault breccia for 1" @ 28; at 67' leached &amp; limonite stained</u>	16-6	5	84	
	<u>67-72 limonite stained, leached &amp; fractured</u>	16-7	5	18	
	<u>72-77 2" qtz str &amp; fractures forming shear at 70-50°</u>	16-8	5	12	

Drilled By Exploration Drilling Inc.  
Stouffville, Ontario

Signed  .....  
 SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. BT-16

TOWNSHIP ..... PAGE NO. 2

LOCATION ..... CORE LOCATION ..... STARTED .....

..... DIRECTION ..... COMPLETED .....

..... DIP ..... DIPTESTS .....

ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb	Au opt
	78-84 less fracturing, more massive & grey colour				
	84-100 green, mass., with porphyroblasts of kurocoen(?) bedding at 65°				
	96-100 2- 1/2" qtz seams at 40° with heavy py diss.	16-9	4	8	
	100-105 1/8" sulphide-graphite seam at 55° assoc. with 1" & 2" qtz str. at ~ 45° in bleached zone	16-10	5	29	
	116 - bedding at 70°				
	120 - open vuggy fracture at 48°				
	119-154.5 bleached & sericitized; light green-buff colour with grains and fragments of mariposite				
	133-137 50% irreg. white qtz crosscutting bedding with pink feldspar	16-11	4	49	
	154.5-173. moderately sheared & fractured, variably chloritized				
	154.5-159.5 1% diss py, 5% irreg. qtz str. - sheared	16-12	5	12	
	159.5-164.5 as above but less intense	16-13	5	22	
	164.5-167.5 1" qtz-tourm. at 10° with sl. py	16-14	3	21	
173 - 296	Greywacke; grey-green, v. f. gr. sheared, slumped & distorted, irreg. dragged fractures filled with				

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 87-16

TOWNSHIP ..... PAGE NO. 3

LOCATION ..... CORE LOCATION ..... STARTED .....

..... DIRECTION ..... COMPLETED .....

..... DIP ..... DIP TESTS .....

ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb	Au opt
	yellow-white silica				
211.3 - 212.0	2-1/2" qtz stris at 45° conform to shearing & foliation of mineralization				
222	bedding at 50°				
231	qtz str - fract. at 30°				
242-243	3-1/2" conf. qtz seams at 45°				
255-257.4	15" sericitized qtz @ 50° with heavy diss. py	16-15	2.4	15	
284-289	moderately sheared with fine seams of pyrite & qtz stris up to 1/4" generally at 45°	16-16	5	22	
289-294.25	above but less intense	16-17	5	22	
296 - 307.5	Arkose; grey, med to c. grained with granular gneissic texture; foliation at 40-50°, some conf. & irreg. barren white qtz fingering; contacts well defined				
307.5 - 353.	Chloritized Greywacke; soft, green, v. f. gr., somewhat sheared & contorted bedding at 50-60°; fine qtz occ. in b. seaming, often pink colour; perhaps after iron oxide				

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 87-16 .....

TOWNSHIP ..... PAGE NO. 4 .....

LOCATION ..... CORE LOCATION ..... STARTED .....

..... DIRECTION ..... COMPLETED .....

..... DIP ..... DIP TESTS .....

ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb		
	317.6 - 319.6 c.g. arkose followed by 6" of iron form (hematite)					
	333.4 - 334.7 3" yellow-brown conf. qtz injection assoc with bleaching					
353. - 392.5	<u>Arkose</u> : light green to grey-pink, v.f. to m.g bedded & sheared at 50°; v.f. g; dark hematitic partings					
	366.5 - 371.5 60% yellow-brown conf. qtzose intrusion, slipy	16-18	5	34		
	373 - 385 chloritized					
	386.5 - 388.8 fractured at 50° with yellow-brown conf. qtzose intrusion					
	388.8 m. to c. grained					
392.5 - 409.5	<u>Greywacke - Arkose</u> : dark green, v.f. g; light bands often centred by fractures, quartz or sulphide seams, alternate with dominant dark green chloritic beds					
409.5 - 444.0	<u>Argillite</u> : cream to chloritic green, soft, well bedded or banded at 60°; similar to unit above except finer grained & overall lighter colour					

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 27-16 .....

TOWNSHIP ..... PAGE NO. 5 .....

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb			
	434 6" med. gr. arkose						
	443.5 ~ 1' of brownish cont silica (qtzite or injection)						
444 - 456	<u>Argillite</u> ; cream yellow, v.f.g. soft, schistose to slaty, sericitic with irreg. cream-coloured silica injections						
	447-452 moderately fractured, sheared, slipy	16-19		12			
	452-457 well sheared 6" chert-like silica at contact with slipy followed by talcose mineralization	16-20		51			
456 - 550.5	<u>Greywacke</u> ; dark chloritic green, v.f.g. soft, initially sheared for first 4'; then massive with scattered hair-line fractures; bedding at 45-55°						
	468.2 1' grey arkose						
	482-488 arkose						
550.5 - 555	<u>Arkose - Syenite</u> ; dark brownish to wine colour, f. to med. gr altered arkose injected with irreg. wine coloured felsic intrusions						

Drilled By .....

Signed .....

**SHIELD GEOPHYSICS LIMITED**

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 87-16  
TOWNSHIP ..... PAGE NO. 6

LOCATION ..... CORE LOCATION ..... STARTED .....  
..... DIRECTION ..... COMPLETED .....  
..... DIP ..... DIP TESTS .....  
ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb			
	550.5 - 552.0 2" scattered pyrite	16-21	1.5	15			
555	END						

Drilled By .....

Signed ..... SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY Jonpol Explorations Ltd. HOLE NO. 87-17  
 TOWNSHIP Garrison PAGE NO. 1

LOCATION Line 51+00 E CORE LOCATION ..... STARTED Jan 17 87  
Station 7+50 N DIRECTION Az 340° COMPLETED Jan 20 87  
 ELEVATION ..... DIP 50° DIP TESTS 250' - 50'  
 DEPTH 506' estimated 506' - 42°

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb		
0 - 13	Casing - overburden					
13 - 67.5	Greywacke - Argillite: dark green, v.f.g. soft to hard, massive to well bedded at 45°					
14-16	1" & 4" qtz str amongst broken, rusty & vuggy core	17-1	2	106		
26 - 67.5	core is variably bleached to cream colour adj to bedding planes or irreg. qtz-filled fractures					
32	6" vuggy & rusted					
37.6	2" rust along fracture					
38.4	1/8" sulphide seam with adj bleaching					
47	concentration of pyrite over 1"					
47.8	1/8" sulphide seam with adj bleaching					
52-57	3' is hard, bleached, silicified, 6" of rust slipy	17-2	5	11		
62	6" rusty & vuggy					
67.5 - 95.3	Argillite: contact-faulty sharp; bleached dirty cream, soft, bedded at 65° to s.e.					
81-86	4' of bleached hard siliceous fractured qtzite, 1/8" py	17-3	5	14		

Drilled By .....

Signed  .....

SHIELD GEOPHYSICS LIMITED



# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 87-17

TOWNSHIP ..... PAGE NO. 2

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb			
	86-91 80% fractured gteite, sli py	17-4	5	14			
	91-96 20% bleached gteite, 5" x 3" rusty & ruggy sections	17-5	5	7			
95.3-102.	Sheared Argillite-Quartzite; grey-green, soft to hard, highly deformed incl bedded at 80°; 30% buff coloured hard quartzite beds interbedded with soft, extensively fractured argillite						
	97-102 irreg. 1/2" qtz str; sli py	17-6	5	12			
102-156	Chlorite-Sericite-Quartz Schist: grey-green, moderately soft, highly deformed & schistose						
	107.3 1/2" crosscutting qtz str						
	113-117 4-1" to 2" deformed white gte str, sli py	17-7	4	44			
	117-121.5 2-1" x 3" " " "	17-8	4.5	17			
156-211	Quartzite - fractured; grey-buff, very hard, massive, but extensively fractured with secondary white to buff qtz str. diss. py throughout; upper contact marked by rusty limonite bands over 6"						

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 87-17  
 TOWNSHIP ..... PAGE NO. 3

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIPTESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb	Au opt		
156-161.5	50% irreg grey to white partially banded gte. Pspv	17-9	5.5	710	.021		
161.5-167.0	initially sericitic & schistose, then grey fractured	17-10	5.5	121			
167.0-172.0	well fractured, 2% py	17-11	5.	89			
172.-177.	as above	17-12	5.	67			
177-182.	well fractured, 1% py	17-13	5.	156			
181.8-183.3	schistose & chloritic						
182-187.	4" irreg. white gtz; very well fractured, 2% py	17-14	5	163			
187-192	fractured, 1% py	17-15	5	295	.01		
192-197	as above	17-16	5	184			
197-202	fractured, 1% py	17-17	5	390	.01		
202-207	in first ft. thin gtz-chl. fractures, 1% py	17-18	5	85			
207-208.5	as above	17-19	1.5	10			
211-	vuggy, muddy, chloritized <u>fault</u> for 8"						
211-227.4	<u>Quartzite</u> : grey to pink, hard, massive						
227.4-244.	<u>Altered Argillite</u> : med. soft, grey-cream, fairly massive, no discernible bedding, slightly fractured						

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 87-17  
 TOWNSHIP ..... PAGE NO. 4

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb	Au opt		
	228.2 - 231.4 1" rust seam adjacent 7° grey qtz str at 45° with sericitic partings	17-20	3.2	891	.026		
244 - 260	<u>Chlorite Schist &amp; Iron Formation</u> : dark, chloritic, hematized						
	247-252 all but 1 ft in hematized orthose with diss. py (cont)	17-21	5	48			
260 - 355	<u>Mariposite - Carbonate - Quartz Schist</u> : chrome green to light brown, schistose with numerous qtz str - some irreg. others cont. to schistosity at 50°						
	262.7 - 267.1 12' pyritized syenite at 80° with 3% py	17-22	4.3	15			
	267 - 272.4 20% qtz as irreg str, 2" vuggy limon slipy	17-23	5.4	25			
	272.4 - 277.7 ≈ 3' of pink silicified syenite with 1% py	17-24	5.3	37			
	310.5 - 315.5 sericitized & mylonitized quartzite, slipy	17-25	5.0	29			
	315.5 - 319.0 except for 9" as above	17-26	4.5	93			
	325.5 schistosity more intense at 35-40°						

Drilled By .....

Signed .....

**SHIELD GEOPHYSICS LIMITED**

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 27-17

TOWNSHIP ..... PAGE NO. 5

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	As ppb			
355 - 437	Talc - Carbonate (Ultramafic) Schist: gradational contact, black with delimita str, very soft, schistose						
360 - 4"	brown syenite @ 50-60'						
371-375	arkose inclusion, wine-brown, uniform, massive with hematite & specularite, 1% diss. py	17-27	4	7			
397-402	arkose or syenite; wine red, hard, hematized less than 1% py, contacts at 60°	17-27A	5	33			
402-407	as above but less hematite.						
437 - 456.5	Altered Mafic Volcanic; light green, soft, schistose, carbonatized (calcite) talcose						
456.5 - 473.3	Disseminated Mafic Volcanic Tuff initially black, then yellow-grey, soft, finely banded initially then angular fragments in chloritic matrix						
456.5 - 461.5	10% irreg gtz; 5% diss py	17-28	5	51			
461.5 - 466.5	7" gtz-cwb, 2% pyrite	17-29	5	62			

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 87-17

TOWNSHIP ..... PAGE NO. 6

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb		
	471.6 - 473.6 7" qtz-carb v. at 60°	17-30	2	8		
473.3 - 506.	<i>Carbonatized Int. to Mafic Volcanic flow; light grey, v. f. g. mod. soft, massive, fractured with qtz &amp; calcite fillings at irreg angles; granular in places suggesting tuff</i>					
	496.5 - 501.5 20% qtz-carb str in fract; 1% py	17-31	5	21		
506	FND					

Drilled By .....

Signed .....

**SHIELD GEOPHYSICS LIMITED**

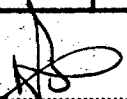
# DIAMOND DRILL RECORD

PROPERTY Vonpol Explorations Ltd. HOLE NO. 87-18  
 TOWNSHIP Garrison PAGE NO. 1

LOCATION Line 50100 E CORE LOCATION ..... STARTED Jan. 21  
Station 12150 N DIRECTION Az 160° COMPLETED Jan. 25, 87  
 ELEVATION ..... DIP 50° DIP TESTS 300' - 49°  
 DEPTH 597' ..... 500' - 42°

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE				
0 - 74	Casing - overburden						
74 -	Ultramafic - Talc Carbonate Rock: light green, very soft, muddy, fairly massive except for occ. white calcite str.						
	103-104 white calcite-gtz str.						
	140-142 muddy gouge						
142-152	Intermediate Volcanic (?) green-brown, v.f.g. mod. hard, massive, except for fine fractures & shearing at 40°						
	143 - 4" black chert						
152-188.5	Sericite-Carbonate Schist: sharp contact at 45° marked by 1" of talc, green-brown sericite alternates with grey-white carbonate, some gtz, schistose at 45°						
	166-168 light green gtz + carbonate iling. ca.						
	176 - sericite changes to green colour						
	184.5 - 7" red brown syenite, fractured, slipy						

Drilled By Exploration Drilling  
Stouffville, Ontario

Signed  .....  
 SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 87-18

TOWNSHIP ..... PAGE NO. 2

LOCATION ..... CORE LOCATION ..... STARTED .....

..... DIRECTION .....

..... DIP .....

ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb		
188.5 - 196.3	Mafic to Intermediate Intrusive; med. grey, f to m. gr. massive, soft to mod. hard, sericitic schistose contact at 45° marked by diss py over 2" over last 2' pink rounded frag. or porphyroblasts suggest sediment					
196.3 - 250.	Altramatic, Talc-Carbonate Schist; black, very soft, talc alternates with grey-white Mg. carbonate, schistosity at 45° ranges from 0° to 55°					
242.4 - 244.5	7" fractured gte, followed by finely fract intermediate calc. & 2" grey gtz at 40-60°, 1% py	18-1	2.1	64		
244.5 -	chrome-green mariposite slips					
250 - 280	Quartz feldspar Porphyry; grey-green, very hard, sericitized, ghosted feldspar phenocrysts; several inclusions					
250-259	15% zndary gte stris are. 70°, less than 1% py	18-2	7	82		
257-262	4' light green int. calc. inclusion?, 10% gtz stris up to 7" at 90° to c.a. slipy	18-3	5	81		

Drilled By .....

Signed .....

**SHIELD GEOPHYSICS LIMITED**

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 87-18 .....

TOWNSHIP ..... PAGE NO. 3 .....

LOCATION ..... CORE LOCATION ..... STARTED .....

..... DIRECTION ..... COMPLETED .....

..... DIP ..... DIP TESTS .....

ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb			
262-267	1.5' incl. of sericitic schist, few qtz str, sli py	18-4	5	117			
267-272	1.5' of irreg. light green incl. rimmed with py	18-5	5	144			
272-277	20% qtz str. ave. 90° to c.a., less than 1% py	18-6	5	43			
277-282	15% qtz str " " " " " " " "	18-7	5	60			
280-342	Mariposite - Carbonate - Quartz Schist; chrome mica alternates with Mg carb, few qtz str; schistosity 0°						
299-315	quartz feldspar porphyry-sericitized; contacts at 45°						
304.6-312	few qtz str, sli py	18-8	7.4	70			
316-317	grey pyritized inclusion at 45° to c.a.						
340-352	no mariposite but chloritic & schistose						
340-346.7	cont. schistose arkosic inclusion						
350	8" as above						
342-363	Red Arkose: red brown, med. hard, massive with sharp contacts at 45°; numerous large (upto 1") red cherty fragments						

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED



# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 87-18  
 TOWNSHIP ..... PAGE NO. 4

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb			
363 - 409	Green Arkose with Syenite Intrusions; grey-green to pink, med hard, med gr., granular, sli pyrite, upper contact sharp at 50°						
363.5 - 368.5	red-brown hard syenite, 15% qtz strs (up to 2")	18-9	5	29			
	less than 1% py, cpy, galena?; crosscutting contacts						
382 - 383.7	syenite						
385 - 386	" 50% qtz strs						
389.5 - 392	talc-carbonate schist						
392 - 398	red-brown arkose						
398 - 399.7	syenite including 2" qtz-carb shear at 40°						
401 - 402.3	cont. red syenite						
403 -	cont. syenite strs with py over 10"						
408.3 - 409	syenite						
409 - 429	Quartzite; yellow-green to pink, very hard, contacts at 50° well fractured - chlorite, sli pyrite						
409 - 414	sli pyrite	18-10	5	59			

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 87-18

TOWNSHIP ..... PAGE NO. 5

LOCATION ..... CORE LOCATION ..... STARTED .....

..... DIRECTION ..... COMPLETED .....

..... DIP ..... DIP TESTS .....

ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb		
	414 - 422 moderately fractured sli py	18-11	8	14		
	422 - 427 " " few qtz str " "	18-12	5	71		
429 - 432	<u>Chloritized Arkose</u> : gradational, little softer but still siliceous, m.g. foliated at 50°; several fragments (up to 1.5") of pink to maroon chert.					
	427 - 432 moderately fractured & bleached to cream colour some seaming of qtz (up to 1/2") sli py	18-13	5	47		
	432 - 437 1.5' maroon syenitic section with diss py	18-14	5	36		
	443 - 447 4" pyritic silicification, 2' of shearing marked by chlorite & silica laminated at 50°	18-15	4	36		
	463.5 1/2" qtz str at 35° with adj maroon (perthite) alt'u					
	463 - 467 20° qtz-chlorite filled fracture with adj perthite alt'u, 1% py	18-15A	4	11		
	470 - 476 fine carbonate fizzes with HCl					
	470.5 fine grained core for 3"					
	477 numerous frags (up to 1/2") in dark wine coloured matrix					

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 87-18

TOWNSHIP ..... PAGE NO. 6

LOCATION ..... CORE LOCATION ..... STARTED .....

..... DIRECTION ..... COMPLETED .....

..... DIP ..... DIP TESTS .....

ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb			
482 - 492	<i>Arkose &amp; Syenite: chloritized foliated arkose with slcs &amp; veins of pyritic, fractured syenite with sharp contacts</i>						
492.3 - 498.	<i>65% pyritized syenite, 2% py</i>	18-16	5.7	19			
498. - 492.4	<i>75% " " with 60 contacts, 1% py</i>	18-17	4.4	74			
492 - 522	<i>Chloritized Arkose: med. green, med. hard, strong with grain foliation at about 50°</i>						
509 - 513.5	<i>8" of pyritized syenite at 50° followed by altered silicic &amp; chloritized zone of 2'</i>	18-18	4.5	180			
522 -	<i>Greywackes med to dark green, v. f. g. massive to shaly bedded marked by chlorite &amp; sericite; numerous fine irreg. qtz &amp; carb. filled fractures</i>						
522 - 527	<i>1" red syenite at 55° contact, followed by 7" of buff silicif. some shearing, 1% pyrite</i>	18-19	5	41			
541 - 547	<i>30% fractured grey silicification at 65-35° with seams of pyrite</i>	18-20	6	36			

Drilled By .....

Signed .....

SHIELD GEOPHYSICS LIMITED

# DIAMOND DRILL RECORD

PROPERTY ..... HOLE NO. 87-18

TOWNSHIP ..... PAGE NO. 7

LOCATION ..... CORE LOCATION ..... STARTED .....  
 ..... DIRECTION ..... COMPLETED .....  
 ..... DIP ..... DIP TESTS .....  
 ELEVATION ..... DEPTH .....

DEPTH FEET/METRES	FORMATION - MINERALIZATION	SAMPLE NO.	WIDTH OF SAMPLE	Au ppb			
	548.5 7" fractured yellow bed with sharp chertic contact; 1/2" pyritized gte at bottom contact						
	568 - 6" of mud						
	578.3-587.6 bleached to irreg. light grey by Mg carbonate injection at 90° & at 60° cont. to bedding, few gte str. slipy						
	582-587 2-1/2", 1" cont. gte str, slipy	18-21	5	78			
	587-592 several brown pyritic altered sections (up to 5")	18-22	5	103			
597	FND						

Drilled By .....

Signed .....  
**SHIELD GEOPHYSICS LIMITED**

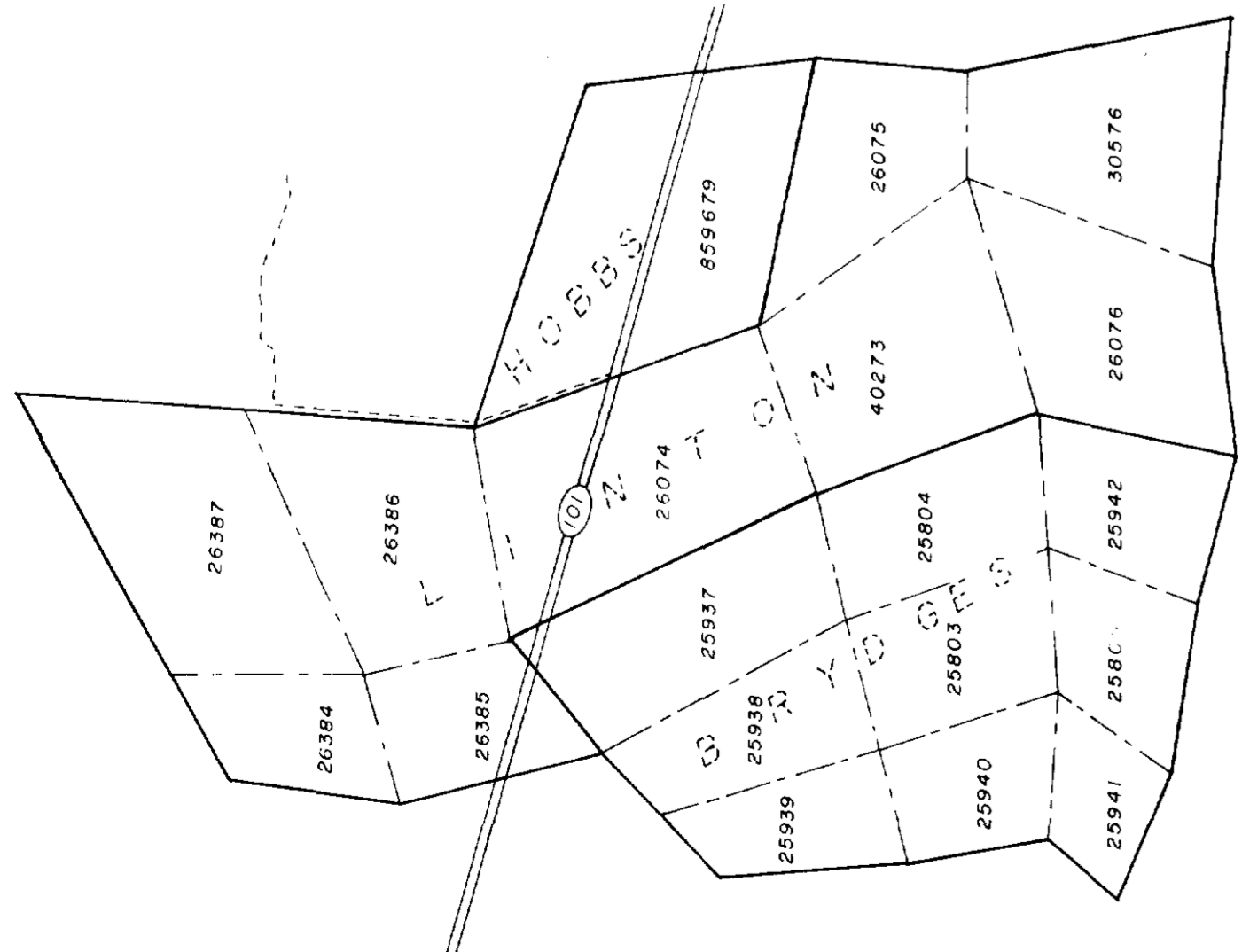
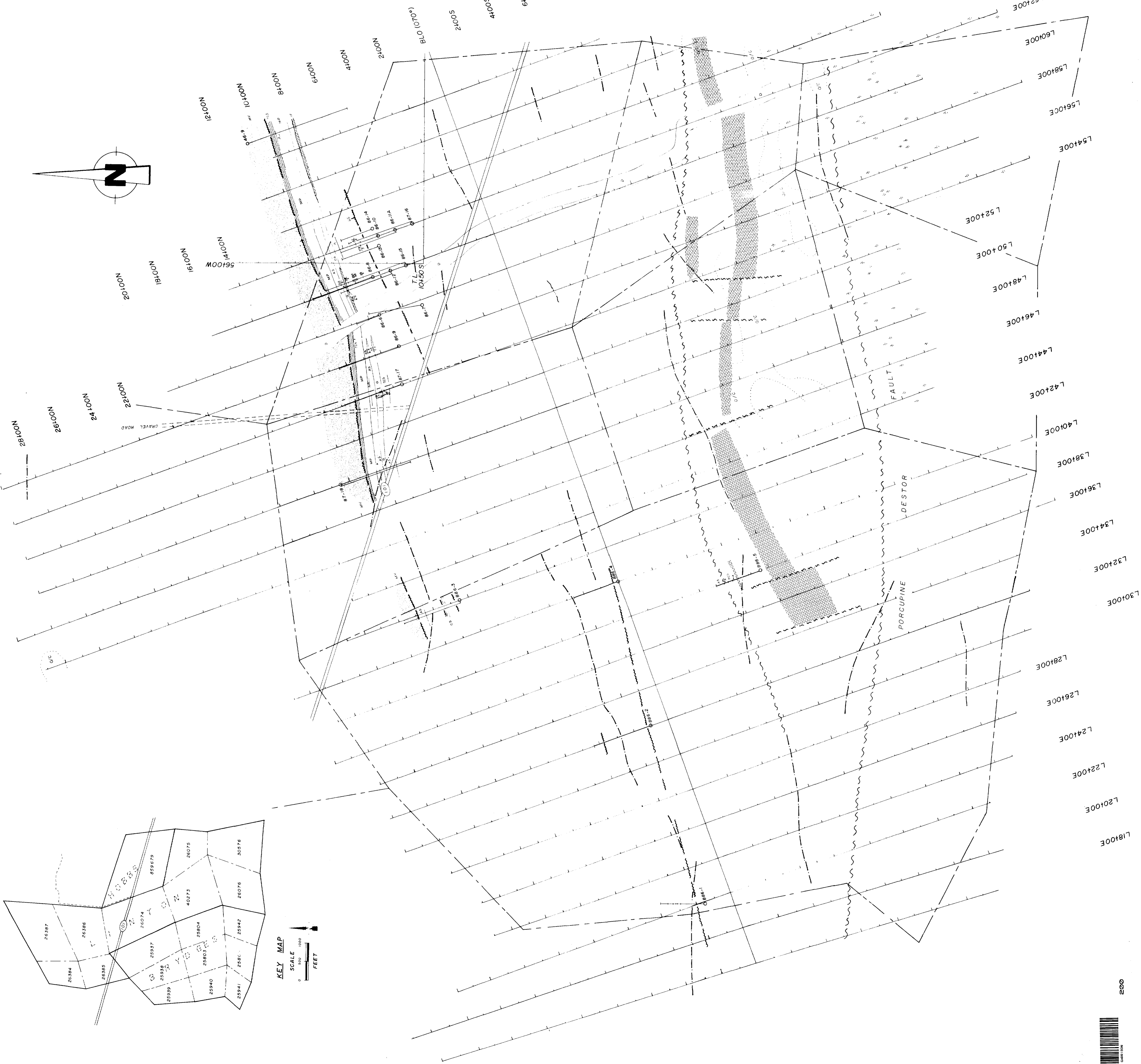
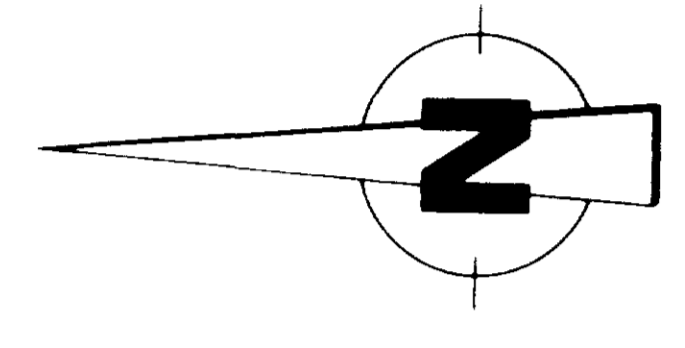
DATA COMPILATION  
ON THE PROPERTY OF  
**JONPOL EXPLORATIONS LTD.**  
GARRISON TOWNSHIP, ONTARIO  
by SHIELD GEOPHYSICS LIMITED

SCALE  
0 200 400 600  
FEET  
JANUARY 1987

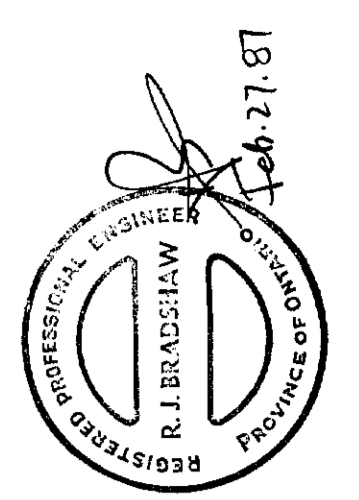
- LEGEND**
- L Lamprophyre
  - D Diabase
  - LC Light Coloured Schist (Biot-carbonate schist, Carbonate-sericite quartz, schist)
  - DC Dark coloured schist (Chlorite schist, etc)
  - MC Monzonite-carbonate-schist with quartz feldspar porphyry inclusions
  - IF Iron Formation
  - A Arkose
  - AS Arkose-syenite
  - Q Quartzite
  - G Greywacke
  - UV Ultramafic & mafic volcanics

**SYMBOLS**

- Vertical projection of drill hole & grid value
- Vertical projection of drill hole with dip
- Fault observed in drill hole with vertical dip
- Fault assumed except where intersected by drill hole
- V.L.F. Conductor which may represent fault
- Breccia



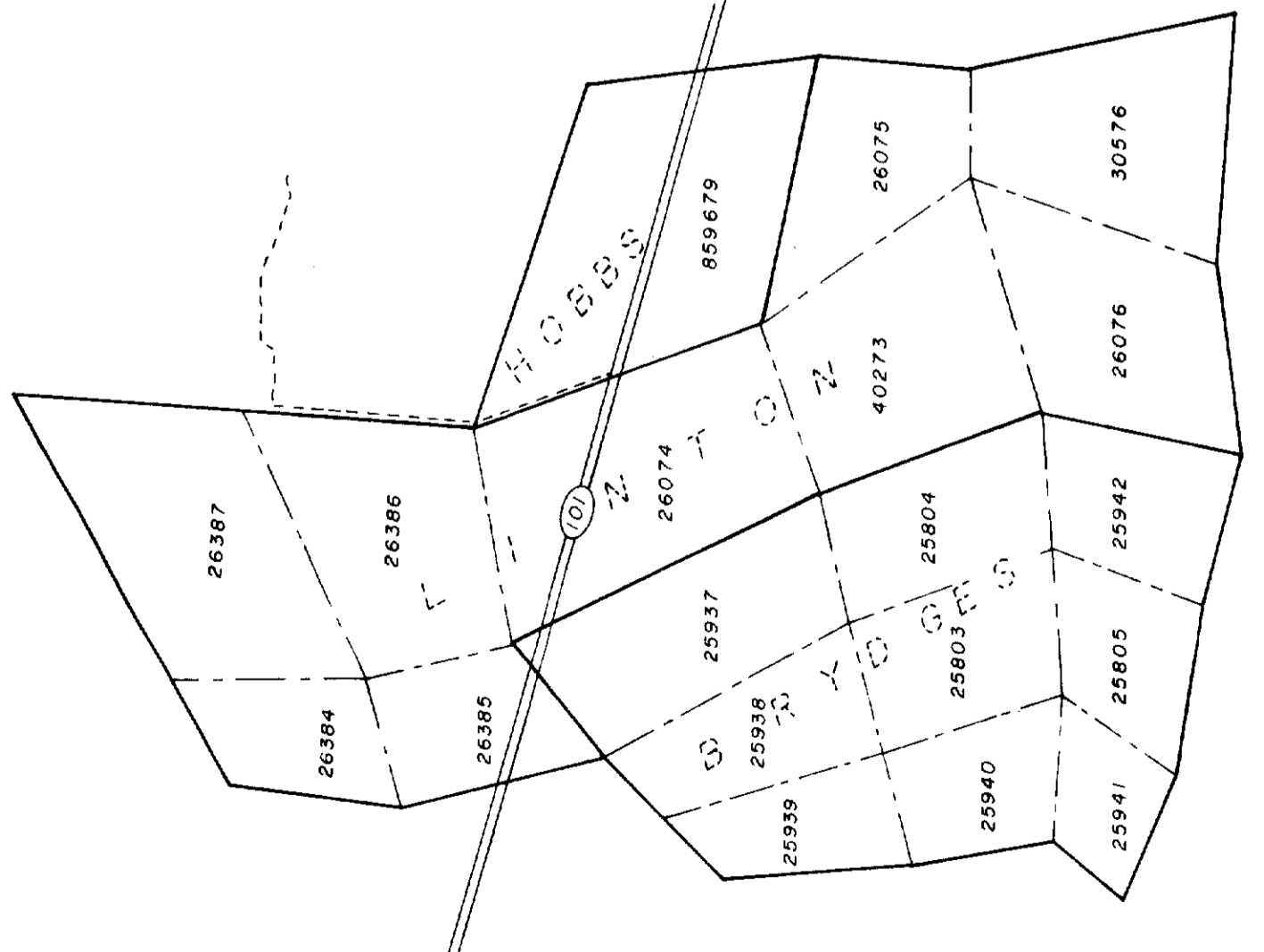
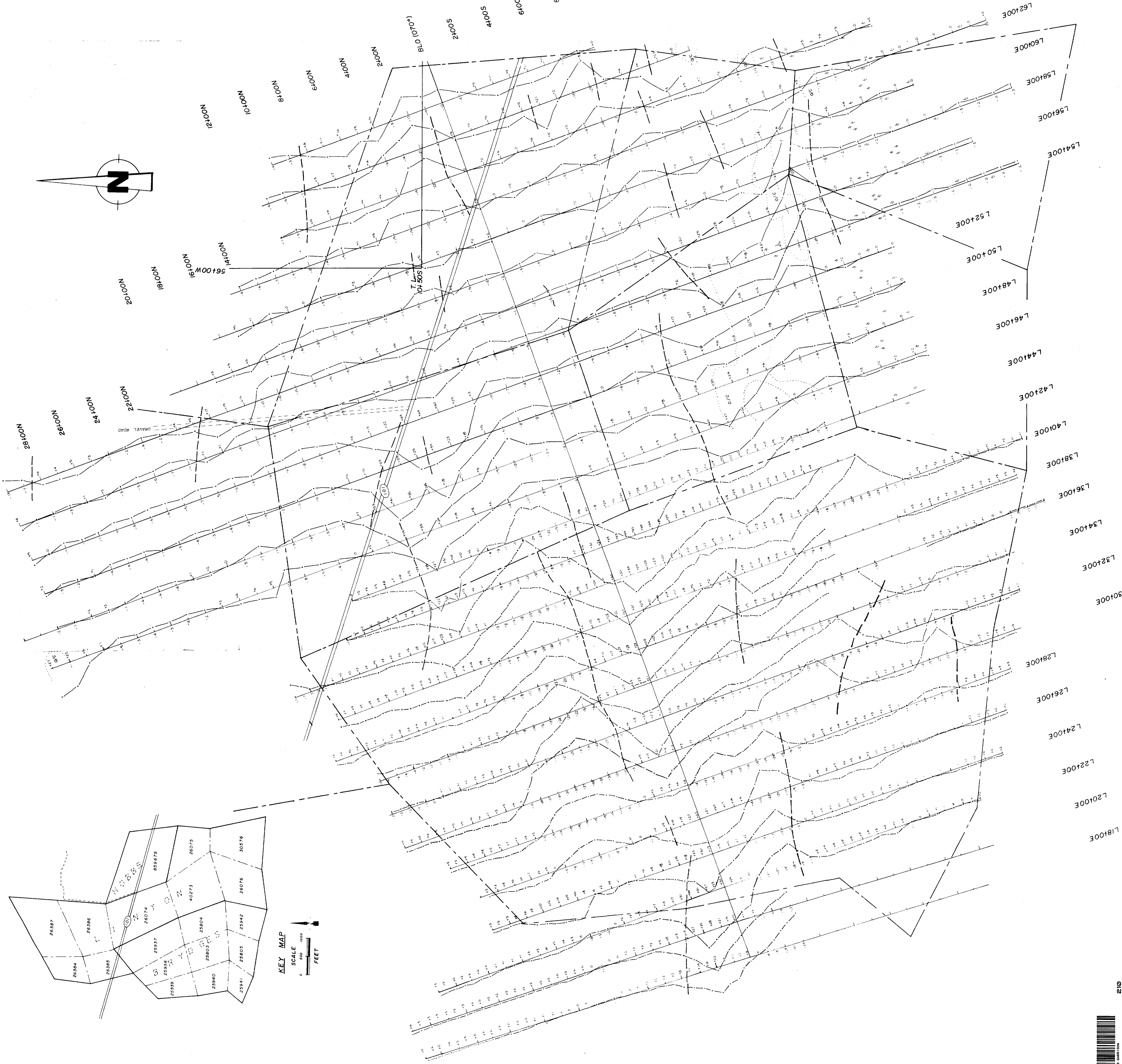
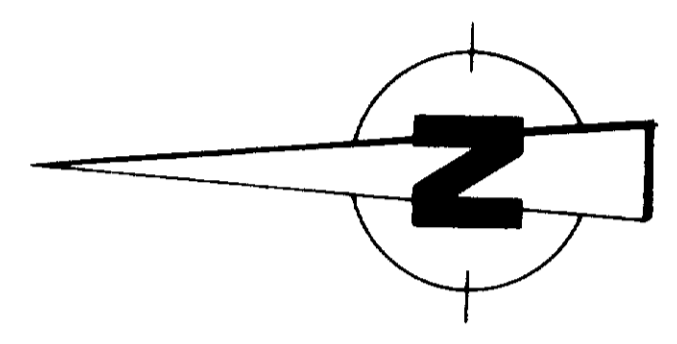
KEY MAP  
SCALE  
0 500 1000  
FEET



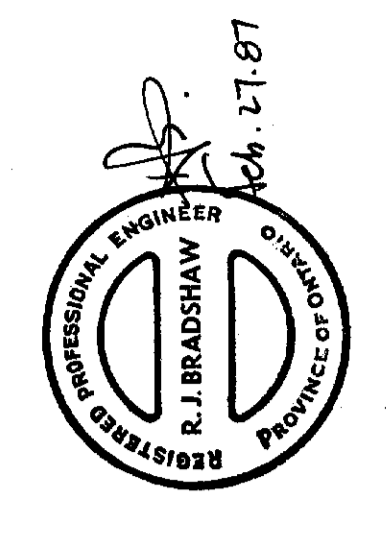
**ELECTROMAGNETIC SURVEY**  
ON THE PROPERTY OF  
**JONPOL EXPLORATIONS LTD.**  
GARRISON TOWNSHIP, ONTARIO  
by SHIELD GEOPHYSICS LIMITED

JANUARY 1987  
SCALE  
0 200 400 600  
FEET

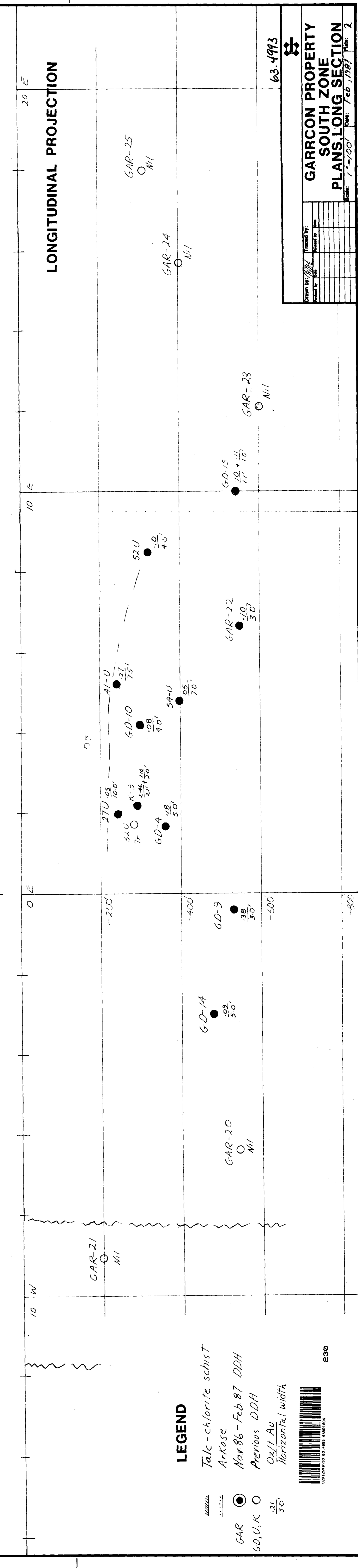
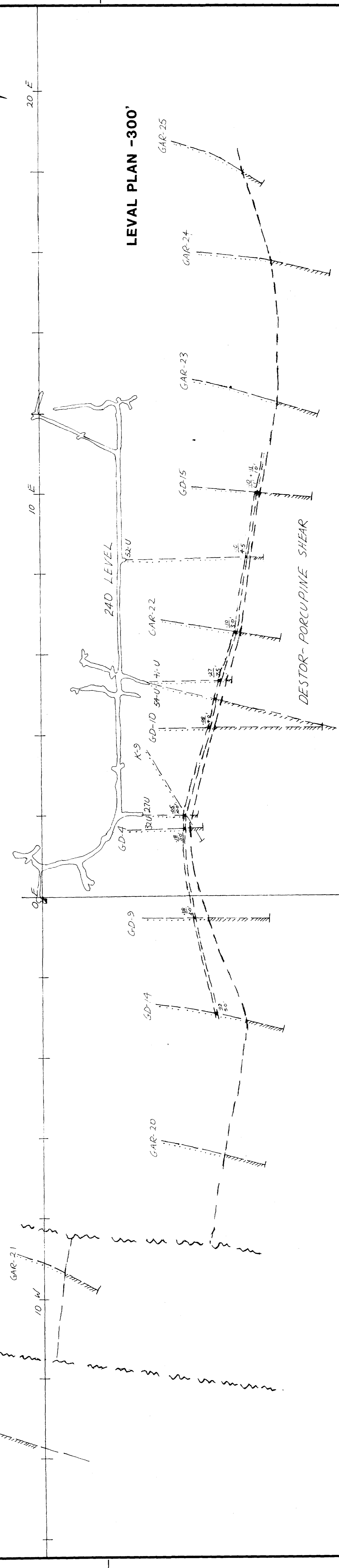
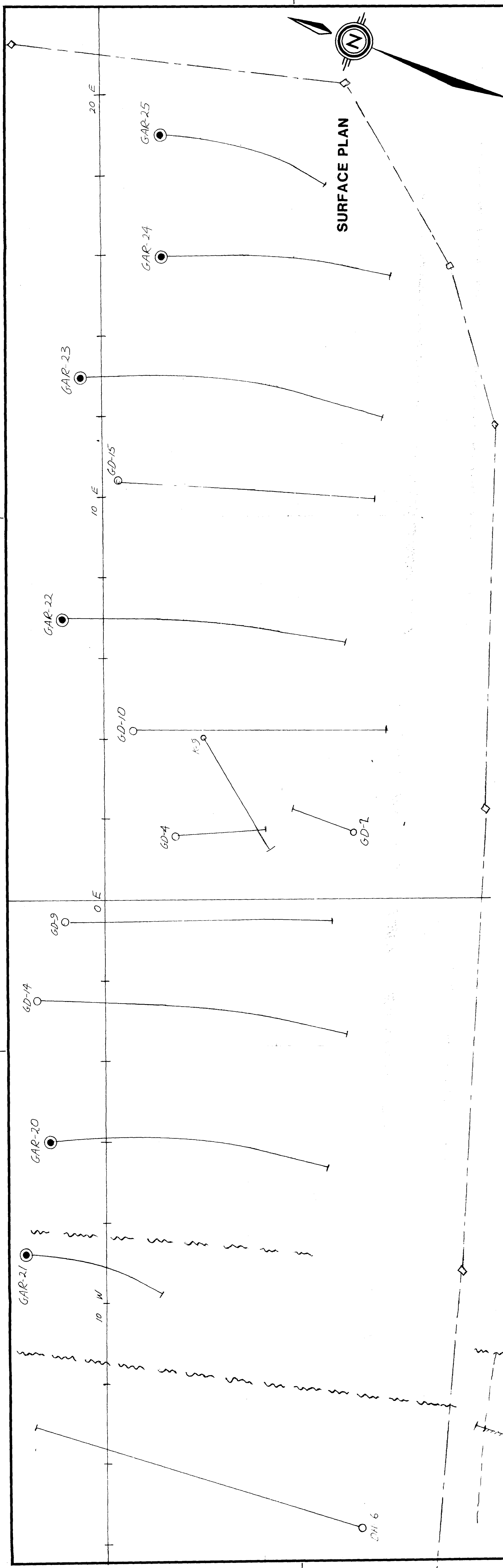
**LEGEND**  
Measurement Station marked by picket  
Dip angle in degrees  
Profile Scale: 1"=32'  
--- V.L.F. Electromagnetic Conductor



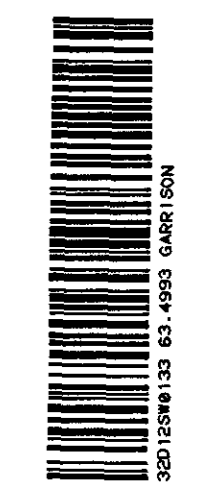
**KEY MAP**  
SCALE  
0 200 400 600  
FEET





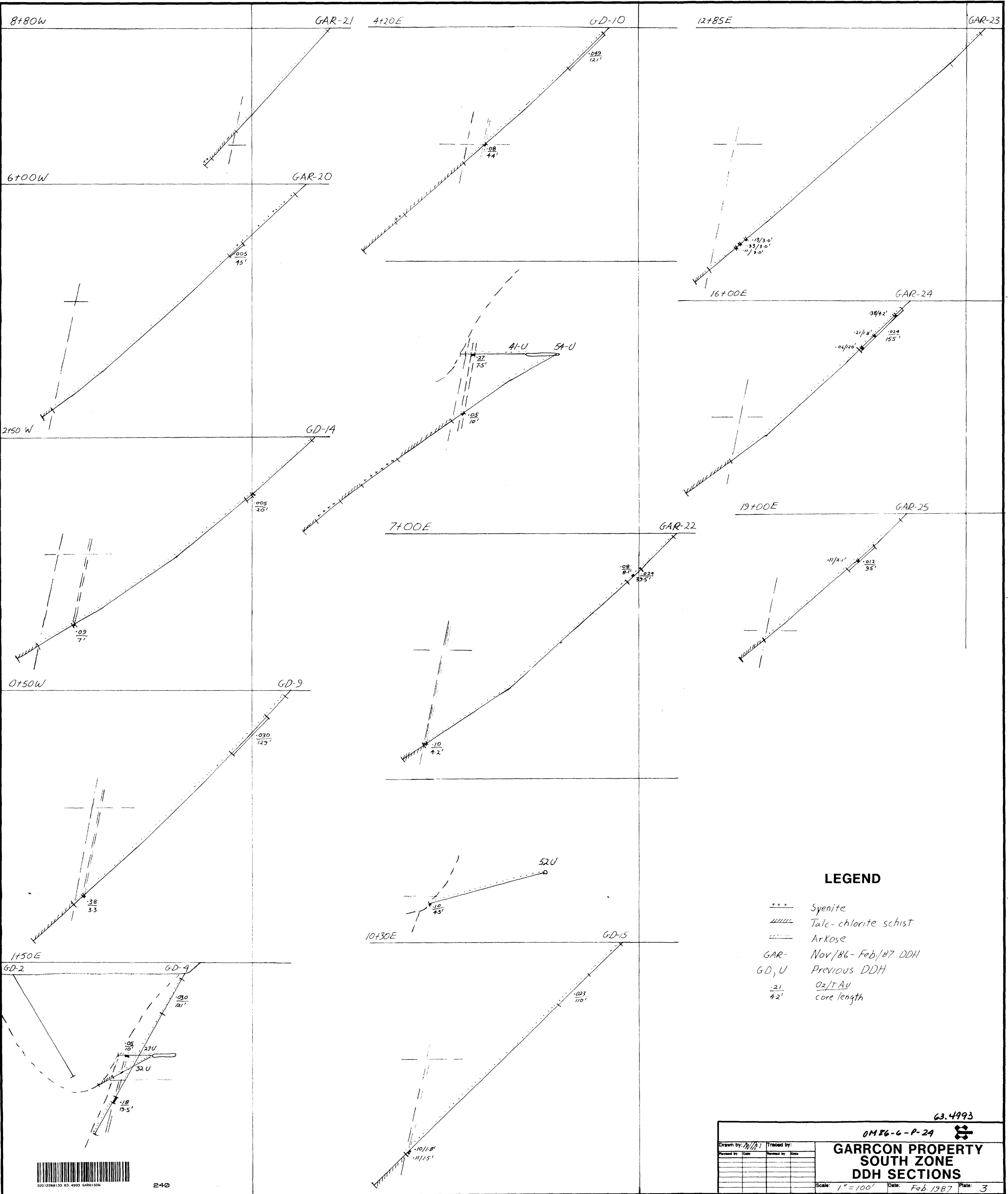


**LEGEND**  
 Talc-chlorite schist  
 Arkose  
 Mar 86 - Feb 87 DDH  
 Previous DDH  
 Oz/T Au  
 Horizontal width



**GARRCON PROPERTY SOUTH ZONE PLANS LONG SECTION**  
 63-4993  
 Scale: 1"=100'





**LEGEND**

- +++ Syenite
- ||||| Talc-chlorite schist
- ..... Arkose
- GAR- Nov/86-Feb/87 DDH
- GD, U Previous DDH
- .21  
42' 02/TAU core length

63.4993

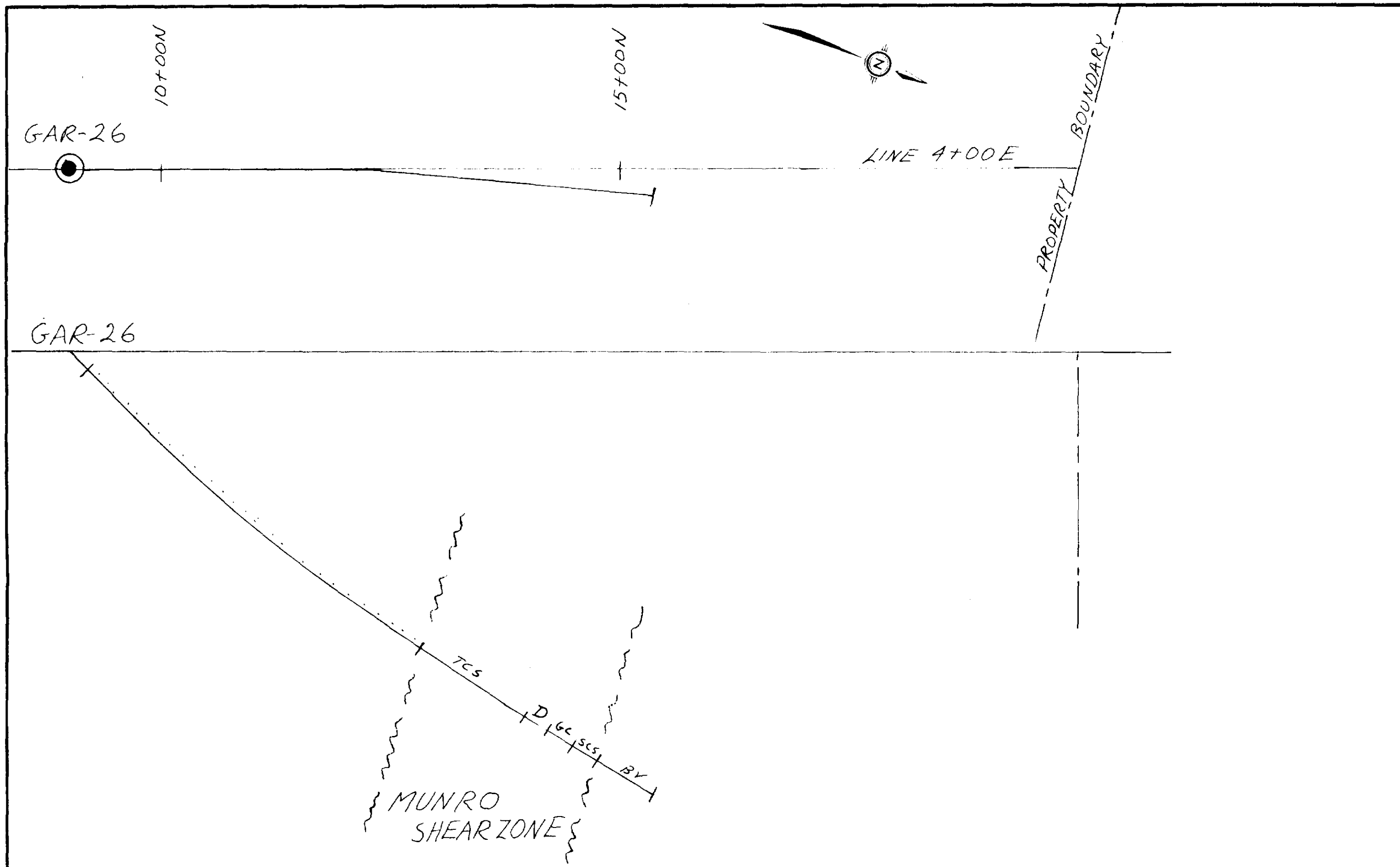
0M86-6-P-24

**GARRCON PROPERTY  
SOUTH ZONE  
DDH SECTIONS**

Drawn by: <i>W/1/1</i>	Traced by:
Revised by:	Revised by:
Date:	Date:


Scale: 1" = 100' Date: Feb. 1987 Plate: 3





LEGEND

- D Diorite
- ..... Arkose
- TCS Munro Shear  
Talc-chlorite schist
- GC "Green" carbonate rock
- SCS "Buff" " " " Sericite-chlorite schist
- BV Basic volcanics

Drawn by: <i>AWA</i>		Traced by:		 <b>GARRCON PROPERTY</b> <b>MUNRO ZONE</b> <b>DDH SECT. 4+00E</b>
Revised by:	Date:	Revised by:	Date:	
Scale: 1" = 400'		Date: Feb/1987		Plate: 4