LIST OF ABBREVIATIONS

RECEIVED
FEB 9 1979
MINING RECORDER
LAND AGENT,
MAYO, Y.T.,
I.A. & N.D.

Rec.	recovery
lt.	light
So	compositional banding, bedding
S_1	schistosity, foliation
$\parallel$	parallel to (0° to c.a.)
$\perp$	perpendicular to core axis
$\lesssim$	strike
Δ	dip
c.a.	core axis

090440

Pamicon Developments Ltd.

DRILL HOLE LOG

LOCATION:	Deer Kiwi Lake, Yukon
AZIM:	020° true
ELEV:	4040' A.S.L.
DIP:	-52°
LENGTH:	219' (66.75m)
CORE SIZE:	HQ
STARTED:	Aug. 13, 1978
COMPLETED:	Aug. 21, 1978
PURPOSE:	assumed ∠ of beds 120°
CORE RECOVERY:	67%

HOLE No. DDH 78 D 1

PAGE NO.

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:	Deer
CLAIM NO:	Deer 22
SECTION:	
LOGGED BY:	M. STammers
DATE LOGGED:	August, 1978
DRILLING CO:	E. Caron
ASSAYED BY:	Chemex Labs, N. Vancouver

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
		SUMMARY LOG
0.0	3.96	Sluff and Overburden
3.96	7.62	1 Upper nonmetamorphic series
7.62	11.58	3 UNM
11.58	18.90	1 UNM
18.90	21.49	4 Lower nonmetamorphic series
21.49	21.95	99B Quartz veining
21.95	23.47	4 Lower nonmetamorphic series
23.47	25.60	99B Quartz veining
25.60	29.87	5 Upper metamorphic series
29.87	30.02	99B Quartz veining
30.02	30.48	5 Upper metamorphic series
30.48	31.09	99B Quartz veining
31.09	39.93	5 Upper metamorphic series
39.93	61.87	6 UM
61.87	66.75	8 Lower metamorphic series

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%

DRILL HOLE LOG

LOCATION:	Deer Kiwi Lake, Yukon
AZIM:	020° true
ELEV:	4040' A.S.L.
DIP:	-52°
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CORE SIZE:	HQ
STARTED:	Aug. 13, 1978
COMPLETED:	Aug. 21, 1978
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CORE RECOVERY:	67%

HOLE No. DDH 78 D 1

PAGE NO. 1 of 10

PROPERTY: Deer

CLAIM NO: Deer 22

SECTION:

LOGGED BY: M. Stammers

DATE LOGGED: August, 1978

DRILLING CO: E. Caron

ASSAYED BY: Chemex Labs, N. Vancouver

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
0 (0)	13(3.96)	Cased, Sluff and overburden
13(3.96)	25 (7.62	Unit D-1: Light buff green SILTSTONE - banded cream and light green - bands not exceeding 0.5 cm - partings are non-phyllitic - cream bands are siliceous and occasionally vuggy - some salmon pink quartz chlorite fracture fillings @ 13-16.5 (7.62-5.03): broken, blocky core, ≤30% recovered @ 15.5 (4.72): quartz-chlorite-hematite vein 1.5 cm thick @ 17 (5.18); So = 60° to c.a. @ 17-20 (5.18-6.10): broken, fractured core, ~65% recovered @ 18-18.3 (5.49-5.58): fractured core with irregular pinkish quartz-hematite-chlorite veinlets, local silicification @ 19-20 (5.79-6.10): intensified veining and fracturing @ 20 (6.10): So = 60° to c.a. fracture with probable slicksides = 040, 5° to c.a. NW fracture = 115, ⊥ to c.a. (quartz chlorite feldspar) fracture = 140, 30° to c.a. NE fracture = 085, 35° to c.a. N @ 20-22 (6.10-6.71): probable fault zone broken, blocky core, recovery ≤25%

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						0	3.35	.18	5%
DG 7	13	25	12	1.5		3.35	4.88	.46	30%
						4.88	5.48	.61	100%
						5.48	6.10	.61	100%
						6.10	7.62	.49	32%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 1	2 of 10

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	con'td.	@ 24 (7.32): So = 55° to c.a. @ 24.5 (7.47): So = 60° to c.a. tiny veinlets displacing banding up to 1 cm Quartz-chlorite-hematite-(feldspar) veinlet = 040,25° to c.a. NW
25' (7.62m)	38 (11.58)	Unit D-3: SILTSTONE medium greenish-grey - weakly siliceous, patchy distribution of disseminated hematite - banding present, but not always clear - hint of partial recrystallization @ 25-32 (7.62-9.75): broken, fractured core, blocky recovery ≤50% @ 25.5-(7.77): So = 50° to c.a. @ 30 (9.14) So = 62° to c.a. @ 32 (9.75): So = 64° to c.a. quartz-chlorite-feldspar veinlet = 070,15° to c.a. NW @ 34 (10.36): core colour begins to lighten @ 35 (10.67): So = 69° to c.a. 0.7 cm conformable quartz veinlet fracture 135°, 45° to c.a. NE @ 36.5 (11.13): So = 63° to c.a. fault slickensided fracture = 040,5° NW to c.a. @ 37.5 (11.43): So = 65° to c.a.
38 (11.58)	62 (18.90)	Unit D-1: SILTSTONE bleached as 13-25' (3.96-7.62 m)

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
DG 8	25	38	13	4.0		7.62	8.53	.49	80%
						8.53	9.14	.61	100%
						9.14	10.67	.91	59%
						10.67	11.28	.79	100%+
						~~11.28~~	~~12.80~~	~~1.34~~	~~88%~~
DG 9	38	62	24	3.0		12.80	13.41	.61	100%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 1	3 of 10

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
		-(note occasional weakly develpped phyllitic partings)							13.41	14.93	.61	40%
		@ 38.5 (11.73): So = 63° to c.a.							14.93	16.46	.15	10%
		@ 41 (12.50): So = 70° to c.a.							16.46	16.76	.30	100%
		quartz veinlet = 095,65° to c.a. N							16.76	17.22	.70	100%+
		@ 42-55.5 (12.80-16.92): broken core, blocky zones, fractured recovery ≤50%										
		@ 44 (13.41): So = 67° to c.a.										
		@ 45-54 (13.72-16.46): no new core recovered; cave zone, ∠ 5% recovered										
		@ 54.3 (16.55): So = 48° to c.a.	64545	50	55	sludge	110					
		@ 55.5 (16.92): So = 65° to c.a.	64546	55	60	sludge	6.5					
		3 cm zone of interbedded hematite note hematite continues sporadically to 62' (18.9)										
		@ 56.5 (17.22): 1 cm wide quartz chlorite hematite veinlet							17.22	17.98	.91	100%+
		@ 58 (17.68): So = 66° to c.a.							17.98	18.90	.46	50%
		@59-62 (17.98-18.90): ≤25% recovered										
		@ 61 (18.59): So = 67° to c.a.										
62	70.5											
(18.90)	(21.49)	Unit D-4: SILTSTONE as 25-38 (7.62-11.58m)							18.90	19.81	.70	77%
		- banding is cream and grey and is more distinct than 25-38 (7.62-11.58)							19.81	20.11	.18	60%
		- disseminated hematite							20.11	20.72	.61	100%
		@ 62-64 (18.90-19.51): broken chippy core, ≤15% recovered							20.72	21.64	.61	66%
		@ 65(19.81): So = 60° to c.a.										
		@ 65.5-66 (19.96-20.12): broken core, 30% recovered										

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 1	4 of 10

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 67.5 (20.57): So = 45° to c.a. fracture = 040, 40° to c.a. SE @ 69 (21.03): So = 50° to c.a. note: good chlorite and sericite throughout core especially on fractures
70.5 (21.49)	72 (21.95)	Unit D-99B: QUARTZ VEIN with Chlorite-Hematite- (± Muscovite) - some vuggy zones - hematite laths, abundant chlorite - roughly conformable to bedding at at lower contact - dip = 45° to c.a.
72 (21.95)	77 (23.47)	Unit D-4 SILTSTONE as 25-38, 62-70.5 (7.62-11.58, 18.90-21.49) - light-to-medium green-grey, best core recovery yet in hole - several quartz-chlorite-hematite enriched bands 1 cm thick - occasional indication of phyllitic development - some heavier, localized chlorite-sericite mineralization @ 73 (22.50): So = 58° to c.a. @ 74.5 (22.71): So = 80° to c.a. quartz-hematite-chlorite vein 1 cm thick = 135°, 75° to c.a. NE @ 76.5 (23.32): So - 83° to c.a. note: structure feature of "jiggled" veinlets on fracture fills, may indicate bedding plane movement after

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
						21.64	23.16	1.68	100%+
DG 10	72	77	5	0.5		23.16	24.38	.30	25%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 1	5 of 10

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	initial fracturing
77 (23.47)	84 (25.60)	Unit D-99B: FAULT ZONE - BULL QUARTZ VEINING - 5% core recovered: broken, blocky core - Cave Zone, mainly quartz-chlorite-hematite vein rubble
84 (25.60)	98 (29.87)	Unit D-5: SILTSTONE: light-to-medium green grey - as 72-77 (21.95-23.47) etc. - finely disseminated hematite - biggest change here is the presence of PHYLLITIC PARTINGS (sericite-chlorite) @ 84-89 (25.60-27.13): broken core, very poor recovery ≤20% expect fault zone, polished slickensides on bedding plane @ 90 (27.43): So = 85° to c.a. @ 94 (28.65): So - 85° to c.a. @ 95-96 (28.96-29.26): broken, fractured core @ 97 (29.57): So - 75° to c.a.
98 (29.87)	98.5 (30.02)	Unit D-99B: BULL QUARTZ VEIN - quartz chlorite-hematite-sericite bearing - core highly fractured at both siltstone contacts

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
DG 11	77	84	7	<0.5		24.38	25.91	.46	30%
64547	90	95	sludge	4.0		25.91	27.74	.91	50%
64548	95	100	sludge	5.0		27.74	29.26	1.52	100%
						29.26	29.87	.30	49%
64559	91	93	2'	4.0					
64560	93	95	2'	3.0					
64561	95	97	1.8'	2.0					
64562	97	99	1.2	2.0		29.87	30.78	.76	84%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 1	6 of 10

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
98.5 (30.02)	100 (30.48)	Unit D-5 SILTSTONE as 84-98 (25.60-29.87) - abundant chlorite gives medium-to-dark greyish-green colour - 30% recovery, broken core - @ 99 (30.18) So = 48° to c.a. local folding
100 (30.48)	102 (31.09)	Unit D-99B: BULL QUARTZ VEINING - bearing quartz-chlorite-hematite - coarse-grained mineral development - upper contact roughly conformable to bedding = 25° to c.a. - Uranium mineralization @ 100.8' (30.72m) - lower contact associated with broken core
102 (31.09)	131 (39.93)	Unit D-5: SILTSTONE: banded light-to-medium green - chloritic with phyllitic partings - cream coloured and green beds inter-bedded - non-bleached - structural development of S_1 plane - expect folding through entire section @ 102.5-103 (31.24-31.39): broken core, poor recovery @ 102-105 (31.09-32.00): small fold

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
64563	99	101	1.5	25.0		30.78	31.70	.61	66%
64549	100	105	sludge	12.0					
DG 12	102	131	29	0.5		31.70	32.16	.15	33%
64550	105	120	sludge	3.0		32.16	33.22	.61	58%
						33.22	34.75	1.52	100%
						34.75	36.27	1.37	90%
						36.27	37.18	1.10	100%+

DRILL HOLE LOG

HOLE No.	DDH 78 D 1
PAGE NO.	7 of 10

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
		@ 104-108.5 (31.70-33.07): broken blocky core, 30% recovery
		@ 109 (33.22): So = 11° to c.a.
		S_1 = 65° to c.a.
		@ 112 (34.14): So = 5° to c.a.
		@ 115 (35.05): So = 5° to c.a.
		@ 115.5 (35.20): 1 cm thick quartz vein
		@ 118 (35.97): So = 20° to c.a.
		@ 120-121 (36.58-36.88): broken core and and an increase in fracturing
		@ 121 (36.58): So = 25° to c.a.
		@ 121.5 (37.03): Fracture with 'fault' slickensides = 52, 35° to c.a. NW 4 cm thick quartz-chlorite-hematite vein, conformable to So
		@ 123 (37.49)±: So = 37° to c.a. conformable 1 cm thick quartz chlorite hematite vein
		@ 123.5-124 (37.64-37.80): more heavily disseminated hematite
		@ 126 (38.40): S = 30° to c.a. note: slickensides along bedding plane with associated chlorite and quartzo-feldspathic mineralization
		@ 126-131 (38.40-39.93): broken core
		@ 127.5-128 (38.86-39.01): Bull quartz-chlorite ± hematite vein core recovery ~40%
		@ 129 (39.32): So = 36° to c.a.
131	203	
(39.93)	(61.87m)	Unit D-6 PHYLLITIC SILTSTONE often approaching phyllite

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						37.18	38.10	1.07	100%+
						38.10	38.86	.61	80%
						38.86	39.62	.76	100%
						39.62	40.23	.46	75%
						40.23	41.15	.53	58%

DRILL HOLE LOG

LOCATION:	
AZIM:	ELEV:
DIP:	LENGTH:
	CORE SIZE:
STARTED:	
COMPLETED:	
PURPOSE:	
CORE RECOVERY:	

HOLE No. DDH 78 D 1

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
		- variable grey to greenish-grey, banded good phyllitic partings, pink veinlets throughout							41.15	41.76	.38	62%
									41.76	42.67	.53	58%
		@ 131-148 (39.93=45.11): broken, fractured core							42.67	43.89	.61	50%
		@ 131-141 (39.93-42.98): colour: medium grey with a weak greenish tinge							~~43.89~~	~~44.80~~	~~.91~~	~~100%~~
		@ 134 (40.84): So = 35° to c.a.							~~44.80~~	~~45.72~~	~~.84~~	~~91%~~
		@ 131-138.5 (39.93-42.21) core recovery of approximately 40%							45.72	47.24	.99	65%
		@ 137-138.5 (41.76-42.21): very poor core recovery of approximately 10%										
		@ 139 (42.37m): So = 35° to c.a.	DG 13	140	160	20	1.5					
		@ 141-148 (42.98-45.11): colour -medium greenish-grey										
		@ 142 (43.28m): So = 25° to c.a.										
		@ 146 (44.50): So = 30° to c.a.										
		@ 148-151 (45.11-46.02): colour: light green-grey; good core recovery, siltier										
		@ 150 (45.72): So = 18° to c.a.; nice kink fold										
		@ 151-153 (45.11-46.63): medium green-grey colour, more phyllitic										
		@ 152 (46.33m): So = 15° to c.a.										
		@ 153-155 (46.63-47.24m): light greey-grey colour							47.24	48.16	.75	82%
		@ 154 (46.94): So = 17° to c.a.							48.16	49.38	.49	40%
		@ 155-168 (47.24-51.21): medium green-grey colour							49.38	50.29	.68	75%
		@ 155-159 (47.24-48.46): broken core, 2 cm wide quartz-chlorite vein							50.29	51.21	.61	67%

DRILL HOLE LOG

HOLE No.	DDH 78 D 1
PAGE NO.	9 of 10

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

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DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 159-162 (48.46-49.38): rubbly core, expect FAULT, recovery ≤10%
		@ 163 (49.68): So = 25° to c.a.
		@ 165-168 (50.29-51.21): 40% core recovery
		@ 166 (50.60): So = 31° to c.a.
		@ 167.5 (51.05): FAULT GOUGE
		@ 168-169 (51.21-51.51): chlorite-rich, dark green-grey colour
		@ 169 (51.51m): So = 36° to c.a.
		@ 169-181 (51.51m-55.17m): medium green-grey colour
		@ 169.5-173 (51.66-52.73): broken, rubbly core, recovery ≤25%
		@ 173 (52.73): So - 18° to c.a.
		@ 174-177 (53.04-53.95): ≤30% core recovered
		@ 177-183 (53.95-55.78): ≤ 20% core recovered
		@ 181 (55.17): So = 37° to c.a. some hematite banding
		@ 181-184 (55.17-56.08m): chlorite-rich, dark green-grey colour
		@ 184-199.5 (56.08-60.81): medium green-grey colour
		@ 185 (56.08): So = 33° to c.a. minor pink quartzo-feldspathic veining and vugs
		@ 184-187 (56.08-57.00m): core recovery of ~60%
		@ 187-191 (57.00-58.22): core recovery of ~30%

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						51.21	52.12	.49	54%
						52.12	53.03	.61	67%
						53.03	54.56	.46	30%
						54.56	55.78	.61	50%
						55.78	57.00	.79	65%
						57.00	58.22	.40	33%
						58.22	59.44	.61	50%
						59.44	60.96	1.82	100%+
DG 14	180	200	20	1.0					

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 1	10 of 10

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 188 (57.30): So = 7° to c.a.
		@ 193 (58.83): So = 23° to c.a.
		@ 191-195 (58.22-59.44) recovery of core ≤ 30%
		@ 196 (59.74): So = 11 to c.a. (0°)
		@ 199 (60.66): So = 11 to c.a. (0°)
		@ 199.5-201 (60.81-61.26): chlorite-rich dark green-grey colour
		@ 201-203 (61.26-61.87): medium green-grey colour
203 (61.87)	219 (66.75)	Unit D-8: LIGHT GREEN-GREY PHYLLITIC SILTSTONE
		- insipiently schistose, mineral alignment along S_1
		- note banded mg to cg recrystallized hematite
		@ 203 (61.87m): expect fault zone
		@ 203-207 (61.87m-63.09m): broken core and occasional gouge
		@ 203 (61.87): So = 65° to c.a.
		@ 207 (63.09): So = 72° to c.a.
		@ 210 (64.01): So = 67° to c.a.
		S_1 = 30° to c.a.
		@ 213.5 (65.07): So = 58° to c.a.
		S_1 = 25° to c.a.
		@ 218.5 (66.60): So = 73° to c.a.
		S_1 = 20° to c.a.
		End of Hole DDH 78 D 1

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						60.96	62.48	.91	60%
						62.48	63.09	.61	100%
						63.09	64.31	1.22	100%
DG 15	203	219	16	1.5		64.31	64.92	.61	100%
						64.92	65.84	.84	91%
						65.84	66.75	.91	100%

DRILL HOLE LOG

LOCATION:	LOON 7 KIWI LAKE, Y.T.
AZIM:	200°
ELEV:	1360 m
DIP:	55°
LENGTH:	196' (59.4m)
CORE SIZE:	NQ
STARTED:	19/7/78
COMPLETED:	26/7/78
PURPOSE:	
CORE RECOVERY:	0=29.72m=19.8m or 67%/29.72-59.74 = 19.8 66%

HOLE No. DDH 78 - L-2

PAGE NO.

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:	LOON
CLAIM NO:	LOON 7
SECTION:	
LOGGED BY:	M. Stammers
DATE LOGGED:	August, 1978
DRILLING CO:	E. Caron
ASSAYED BY:	Chemex Labs, N. Vancouver

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
		SUMMARY LOG
0	1.83	sluff and overburden
1.83	4.57	Unit 3 (purple-green)
4.57	5.18	3 (light brown)
5.18	5.27	99A
5.27	10.67	3 (light brown)
10.67	11.28	3 (medium green)
11.28	11.58	3 (light green)
11.58	14.02	3 (light brown)
14.02	15.70	3 (light green)
15.70	16.76	4B
16.76	17.68	99 A
17.68	17.98	NO CORE RECOVERED
17.98	19,26	4C
19.26	19.51	99A
19.51	20.12	4A
20.12	20.78	4D
20.78	21.64	4B
21.64	22.10	4A - chlorite-rich
22.10	22.86	3
22.86	23.01	4D
23.01	23.62	4A -- 3
23.62	27.89	4A
27.89	29.72	4A -- 3
29.72	34.14	NO CORE RECOVERED
34.14	38.56	4A
38.56	41.58	4D
41.58	46.33	4A

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 L 2	

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
		SUMMARY LOG (cont'd.)
46.33	47.55	4D
47.55	50.60	4A
50.60	53.14	4D
53.14	53.64	4A
53.64	55.17	4D
55.17	59.13	4A
59.13	59.44	4D
59.44	59.74	4A

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm	ASSAYS	RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %

DRILL HOLE LOG

LOCATION:	LOON 7 KIWI LAKE, Y.T.
AZIM:	200°
ELEV:	1360 m
DIP:	55°
LENGTH:	196' (59.4 m)
CORE SIZE:	NQ
STARTED:	19/7/78
COMPLETED:	26/7/78
PURPOSE:	
CORE RECOVERY:	0-29.72m=19.8m or 67%/29.72-59.74 = 19.8 66%

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

HOLE No.	DDH 78 L 2
PAGE NO.	1 of 14
PROPERTY:	LOON
CLAIM NO:	LOON 7
SECTION:	
LOGGED BY:	M. STammers
DATE LOGGED:	August, 1978
DRILLING CO:	E. Caron
ASSAYED BY:	Chemex Labs, N. Vancouver

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
0 (0)	6 (1.83)	CASED
6(1.83)	15(4.57)	Unit 3: Banded Slate to Slatey Siltstone colour: interbanded medium purple and light green banding: very regular banding not exceeding 1 cm partings: generally non-phyllitic BUT definitely slatey and chloritic; core breaks regularly along bedding planes @ 9' (2.74): So = 50° to c.a. @ 12.5 (3.81): So = 50° to c.a.
15(4.57)	17(5.18)	Unit 3: Banded Slate unit as above, but colour has changed to a light brown; banding is very strong, chlorite decreasing @ 16.5(5.03) So = 65° to c.a.
17(5.18)	17.3 (5.27)	Bull Quartz Vein strong -chlorite association blocky core poor core recovery
17.3 (5.27)	35 (10.67)	Unit 3: Banded Slate as preceeding units, but note the colour as light grey brown with only a scattered bunch of chlorite bands (discontinuous)

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
LG 9	6	15	9'	1.0					
						4.72	5.33	.55	90%
LG 10	17.3	35	17.7'	1.5		5.33	6.71	.23	17%
64529	33.75	36.5	1'	<0.001%		6.71	7.32	.37	61%
						7.32	7.92	.70	100%+

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 L 2	2 of 14

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	Very poor recovery 17.3-24 (5.27-7.32) 15%
		Core is blocky and broken
		@ 22 (6.71): So = 65° to c.a.
		@ 25 (7.62): So = 55° to c.a.
		@ 24-28 (7.32-8.53): Finely disseminated magnetite
		@ 30' (9.14): So = 55° to c.a.
		@ 33' (10.06): So = 57° to c.a.
35 (10.67)	37 (11.28)	Unit 3: Slate (Slatey Siltstone)
		pale-to-medium green slatey siltstone
		non-banded to only very weakly banded
		core broken 36-37' (10.97-11.28)
		partially brecciated @ 36.5-37' (11.13-11.28)
		very chloritic @ 36-36.5 (10.97-11.13m)
		abundant chlorite throughout
		only minor quartz stringers
		@ 35 (10.67m) So = 55° to c.a.
		@ 36 (10.97m) Quartz-chlorite vein ~ Σ070°,50° SE to c.a.
37 (11.28)	38 (11.58)	Unit 3: Slate (as 17.3-35 (5.27-10.67m)
		as previous description, but perhaps' lighter and definitely more chloritic especially with respect to fractures
		section of core is fractured

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						7.92	8.53	.70	100%+
						8.53	9.14	.33	54%
						9.14	9.75	.68	100%+
						9.75	10.36	.70	87%
						10.36	11.13	.90	100%+
						11.13	12.50	.90	66%

DRILL HOLE LOG

HOLE No.	DDH 78 L 2
PAGE NO.	3 of 14

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
38 (11.58)	46 (14.02)	Unit 3: Slate (as 17.3-35 (5.27-10.67m) - units first foot (.30m) resembles 15-17.3' (4.57-5.18) - unit lightening in colour downhole as well as chlorite diminishing; often incomplete core recovery @ 43.7-45 (13.32-13.72): magnetite-bearing @ 40.5 (12.34): So = 55° to c.a. @ 45 (13.72): So = 65° to c.a. @ 36.5-41 (11.13-12.50): poor core recovery (70%) note more sub-vertical (to c.a.) fractures
46 (14.02)	51.5 (15.70)	Unit 3 (transitional to 4A) Slate unit is approaching 4A lithology finer laminations, pale green-grey colour only minor chlorite @ 48 (14.63): So = 55° to c.a. @ 50 (15.24): So = 45° to c.a. Quartz vein @ 46.7' (14.23) bearing chalcopyrite and appears conformable (hard to tell as core has been split)
51.5 (15.70)	55 (16.76)	Unit 4B: Slates with minor silicified siltstone "bleached" to a buff-grey; light green tan, only partially silicified

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U %	ASSAYS Au oz/ton	RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
64530	41'	43'	1'	<0.001		12.50	13.11	.35	53%
						13.11	13.41	.35	100%+
						13.41	14.17	.99	100%+
						14.17	15.09	.78	85%
64531	46.75'	47'	.25'	<0.001%	<0.003	15.09	15.70	.56	92%
64532	52.5'	54'	1'	<0.001%	<0.003	15.70	16.76	1.33	100%+
64533	54.5'	56'	1.5'	<0.001%	<0.003				

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 L 2	4 of 14

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U %	ASSAYS Au oz/ton	RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
	cont'd.	banded with notable siliceous bands										
		small quartz veins @ 52.5 (16.00) and 53.5 (16.31)										
		thin veinlets of quartz throughout										
		@ 54 (16.46m) So = 50° to c.a.										
55	58											
(16.76)	(17.68)	Bull Quartz Vein	64534	56'	58'	2'	<0.001%	<0.003	16.76	17.68	.66	72%
		contains chlorite, NO U-mineralization										
		no attitude available										
58	59											
(17.68)	(17.98)	NO CORE RECOVERED							17.68	17.98	.17	57%
59	63.2											
(17.98)	(19.26)	Unit 4C: Silicified Sitlstone with inter-bedded Slate	LG 11	59	63.2	4.2	<0.5ppm		17.98	18.59	.50	82%
		broken core recovery 65%							18.59	19.20	.63	100%+
		chloritic and riddled with quartz stringers	64539	58	59	1'	<0.001%		19.20	19.81	.70	100%+
		@ 60.5 (18.44) So = 60° to c.a.	64540	59	60	1'	<0.001%					
		segregate compositional layers	64541	60	61	1'	<0.001%					
		chlorite-rich partings @ 62-63.2 (18.90-19.26)	64542	61	62	1'	<0.001%					
63.2	64		64543	62	63.3	1.3'	<0.001%					
(19.26)	(19.51)	Bull Quartz Vein with associated chlorite and minor carbonate										
64	66											
(19.51)	(20.12)	Unit 4A (Transitional to 3) Slate							19.81	20.73	.84	91%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 L 2	5 of14

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	well-banded more resembling Unit 3 banded slatey siltstone colour: medium green and beige inter-banded occasional chloritic partings; non-magnetite-bearing note: numerous flecks of lead-grey colour @ 65' (19.81m) So = 50° to c.a.
66 (20.12)	68 (20.78)	Unit 4D: Silicified Siltstones strongly zapped with chlorite veinlets throughout colour: cream-brown, but with dark green chlorite sprouts @ 67.5 (20.57) So = 45° to c.a.
68 (20.78)	71 (21.64)	Unit 4B: Slate with minor Silicified Siltstones much better banded than Unit 4B of DDH 78 L 1 note: not the typical green either (e.g. - a frequent brownish tinge @ 70 (21.34) So = 60° to c.a.
71 (21.64)	72.5 (22.10)	Unit 4A-Chlor (transitional to Unit 3-chlor) Chlorite-rich Slate - to slatey siltstone - resembles more the Unit 3 lithology - core is broken

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						20.73	21.49	.47	60%
						21.49	21.95	.18	39%
						21.95	22.25	.31	100%+

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 L 2	6 of 14

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
72.5 (22.10)	75 (22.86)	Unit 3 Slate - well-banded, purple/brown and light-to-medium green colour bands - some chloritic partings; @ 74'(22.56) So = 52° to c.a.
75 (22.86)	75.5 (23.01)	Unit 4D: Silicified Siltstones (as 66-68 (20.12-20.78) very chloritic @ 75.4' (22.98m) So = 47° to c.a. J_2 (chlorite-rich) ≅ 070°,60° to c.a. SE also possible BRANNERITE
75.5 (23.01)	77.5 (23.62)	Unit 4A (TR. to 3) Slate - weakly banded slatey siltstone (slate) - beige-green colour, some chloritic partings - note pyritic development @ 77 (23.47) So = 55° to c.a.
77.5 (23.62)	91.5 (27.89)	Unit 4A Slate (slatey siltstone) chloritic, mainly light green and dark green alternating bands, minor beige, good 4A @79' (24.08) So = 60° to c.a. @ 81 (24.69) So = 45° to c.a. @ 84 (25.60) So = 55° to c.a. @ 87 (26.52) So = 65° to c.a. @ 89 (27.13) So = 62° to c.a. a couple of minor quartz sweats

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						22.25	22.86	.49	80%
						22.86	23.62	.76	100%+
LG 12	77.5	91.5	14	0.5		23.62	24.08	.30	68%
						24.08	24.69	.59	97%
						24.69	25.30	.50	82%
						25.30	25.91	.52	85%
						25.91	26.82	.93	100%+
						26.82	27.89	.44	41%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 L 2	7 of 14

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
91.5	97.5	
(27.89)	(29.72)	Unit 4A (TR. to 3) Slate as 72.5-75 (22.10-22.86)
		≤15% core recovery, broken core
		hole caved at base, forced to redrill (78 L 2A)
		purple/brown bands interbedded with green
		@ 97' (29.57) So = 70° to c.a.

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
						27.89	28.19	.10	33%
						28.19	29.72	.29	19%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 L 2(A)	8 of 14

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
0 (0)	31.5 (9.6)	cased
31.5 (9.6)	37.5 (11.43)	Unit 3 Slate banded slatey siltstone generally light-to-medium green inter-bedded with beige beds @ 32 (9.75) So = 55° to c.a. @ 35 (10.67) So = 55° to c.a.
37.5 (11.43)	38.5 (11.73)	Tectonic Breccia local rock fragments completely rotated pyrite-bearing, only minor quartz and chlorite veining
38.5 (11.73)	46.5 (14.17)	Unit 3 (4A) Slate mainly light and dark green inter-bedded brownish beds dominate downhole @ 40' (12.19) So = 47° to c.a. @ 42' (12.80) So = 50° to c.a. @ 44 (13.41) So = 49° to c.a. @ 43.8-45 (13.35-13.72) magnetite-bearing
46.5 (14.17)	49 (14.94)	Unit 4A ?? Slate bleached green-grey; non-magnetite-bearing poorly banded; 3" bull quartz vein with associated chlorite @48 (14.63m)

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						10.67	11.58	.80	88%
						11.58	12.19	.52	85%
						12.19	12.80	.64	100%+
						12.80	13.41	.67	100%+
						13.41	14.17	.89	100%+
						14.17	14.63	.30	65%
						14.63	14.94	.28	90%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 L 2(A)	9 of 14

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 46.5 (14.17) So = 45° to c.a.
		@ 48.5 (14.78) So = 61° to c.a.
49	91	
(14.94)	(27.74	NO CORE RECOVERED
91	92	
(27.74)	(28.04)	Unit 4A=Chlor. Chlorite-rich Slate
		medium green-grey with blocky core
		(redrilled too?)
92	93	
(28.04)	(28.35)	Unit 4A (TR. to 3) Slate (redrilled)
		note purple-brown banding
		@ 92.5 (28.19) So = 53° to c.a.
93	112	
(28.35)	(34.14)	NO CORE RECOVERED
		resuming serious consideration of
		data here
112	126.5	
(34.14)	(38.56)	Unit 4A Slate
		a very good Unit 4A
		bleached, light green-grey, good
		banding, pyritic
		core is broken, rubbly until 126'(38.40)
		note increase in siliceous siltstone
		interbeds from 123' (37.49m)
		@ 112-114 (34.14-34.75) broken core

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						14.94	15.54	.00	0
						15.54	16.46	.00	0
						16.46	28.04	.40	3%
						28.04	28.35	.46	100%+
						28.35	31.09	.04	1%
						31.09	32.00	.00	0
						32.00	32.31	.00	0
						32.31	33.22	.06	7%
						33.22	34.14	.00	0
						34.14	34.44	.20	67%
						34.44	34.75	.31	100%
						34.75	35.20	.50	100%+

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 L 2(A)	10 of 14

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 114.2 (34.81) So = 50° to c.a. also first silicified siltstone interbed 1 cm thick
		@ 115-116 (35.05-35.36) broken core
		@ 116.5 (35.51) 4 cm wide silicified siltstone interbed possible BRANNERITE
		@117.5 (35.81) 3 cm wide silicified siltstone interbed
		@ 117.5-120 (35.81-36.58) broken, blocky core
		@ 119.5 (36.42) 5 cm wide silicified siltstone interbed
		@ 120 (36.58) So = 55° to c.a.
		@ 121.7-122.5 (37.09-37.34) rusty zone, abundant pyrite
		@ 123-126.5 (37.49-38.56) abundant quartz veining with associated chlorite, also ~15% silicified siltstone interbeds
		@ 124 (37.80) So = 48° to c.a. Quartz vein ≅ 090°, 30° to c.a. South
		@ 125 (38.10) So = 50° to c.a. Quartz sweat ≅ 105°, 25° to c.a. South
126.5 (38.56)	136 (41.58)	Unit 4D Silicified Siltstones variable to Unit 4C flesh-coloured with variations of green and white generally thickly bedded, abundant quartz-chlorite sweats

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						35.20	35.36	.16	100%
						35.36	35.97	.50	82%
						35.97	36.58	.41	67%
						36.58	37.49	.65	71%
						37.49	38.56	1.00	93%
LG 13	126.5	136	9.5	0.5		38.56	39.32	.72	95%
						39.32	39.62	.31	100%+
						39.62	40.54	.77	84%
						40.54	40.84	.26	87%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 L 2(A)	11 of 14

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 126.5 (38.56): So = 42° to c.a.
		Chlor-Quartz vein = 080°, 63° to ca SE
		@ 129-130 (39.32-39.62): cave, redrilled core
		@ 131 (39.93): So = 43° to c.a.
		@ 132-133.5 (40.23-40.69): fractured, blocky core
		@ 134-134.5 (40.84-41.00): becoming slatier, siltier
		@ 134.5-135.2 (41.00-41.21): Unit 4B, So - 50° to c.a. @ 135 (41.14)
136 (41.58)	152 (46.33)	Unit 4A Slate (as described above 4A)
		- with minor siliceous interbeds
		- core remains fractured and quartz-chlorite stringers continue
		@ 137-137.5 (41.76-41.91): silicified band centered on quartz-chlorite sweat
		So = 42° to c.a.
		Quartz vein: 078, 50° to c.a. SE
		@ 140' (42.67): So = 45° to c.a.
		Quartz vein = 030°, 40° to c.a. SE possible BRANNERITE
		@ 140.5-141 (42.82-42.98): abundant quartz-chlorite sweats
		@ 142 (43.28): quartz vein = 072°, 35° to c.a. SE
		So = 51° to c.a.
		@ 146 (44.50): 3 cm silicified siltstone band, So = 58° to c.a.

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						40.84	41.45	.70	100%+
						41.45	41.76	.27	87%
LG 14	136	152	26	1.0		41.76	43.13	1.45	100%+
						43.13	43.43	.23	77%
						43.43	44.20	.81	100%+
						44.20	45.11	.83	91%
						45.11	46.33	.76	62%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 L 2(A)	12of 14

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
	cont'd.	@ 147.5 (44.96): 8 cm wide silicified siltstone band So = 55° to c.a.										
		@ 149 (45.42): 'Zapped' with quartz-chlorite stringers So = 45° to c.a.										
152	156											
(46.33)	(47.55)	Unit 4D: Silicified Siltstones							46.33	46.94	.41	67%
		- marginal to 4C in spots							46.94	47.85	.17	19%
		@ 153 (46.63): So = 55° to c.a.										
		@ 153.5-155.5 (46.79-47.40): quartz-chlorite veining and probable shearing										
		@ 153.5 (46.79): So = 45° to c.a. Quartz-chlorite vein/shear = 070-080°, 25° to c.a. SE										
		@ 155-155.5 (47.24-47.40): 1 cm wide quartz vein with chlorite on each side for 1 cm										
		@ 155.3 (47.34): possible BRANNERITE Quartz vein = 070-080°, 40° to c.a. SE So - 48° to c.a.										
		@ 155-156 (47.24-47.55): becoming 4B lithology										
156	166											
(47.55)	(50.60)	Unit 4A Slate (Slatey Siltstones)							47.85	48.16	.26	84%
		- marginal to Unit 4B							48.16	48.77	.68	100%+
		- unit is significantly less-banded and altered, BUT not terribly silicified							48.77	49.68	.87	96%
		- light buff-green							49.68	50.60	.51	55%
		@ 156-157 (47.55-47.85): broken, rubbly core, ≤ 50% recovery										
		@ 157.5 (48.00): Bull quartz vein 2 cm wide										

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 L 2(A)	13of 14

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
	cont'd.	@ 159 (48.46): So - 56° to c.a.										
		@ 163 (49.68): So = 61° to c.a.										
		@ 163-166 (49.68-50.60): less than 50% recovered										
		@ 165 (50.29): So = 58° to c.a.										
166	174.5											
(50.60)	(53.14)	Unit 4D Silicified Siltstones	LG 15	166	174.5	8.5	1.5		50.60	50.90	.18	60%
		- this interval is strongly fractured, the result being abundant							50.90	51.51	.53	87%
		quartz-chlorite development and an							51.51	52.27	.13	17%
		overall intense silification of the rocks							52.27	52.88	.70	100%+
		@ 166-171.5 (50.60-52.27): broken and blocky core with 55% recovery							52.88	53.34	.61	100%+
		@ 169-172 Bull quartz vein with associated chlorite, carbonate and poor recovery (~20%) @ 51.51m-52.43m)										
		@ 172 (52.43m): So = 43° to c.a.										
		@ 174 (53.04): So = 50° to c.a.										
		@ 173-174 (52.73-53.04): core split; sub-vertical fracture set to c.a.										
174.5	176											
(53.14)	(53.64)	Unit 4A Slate (Slatey Siltstones)							53.34	53.64	.20	67%
		- as 156-166 (47.55-50.60)										
		- 60% recovery, broken core										
		@ 175 (53.34): So = 50° to c.a.										
176	181											
(53.64)	(55.17)	Unit 4D: Silicified Siltstones							53.64	54.86	.20	16%
		- as 166-174.5 (50.60-53.14)							54.86	55.17	.18	58%
		@ 176-180 (53.64-54.86) 10% recovery										

DRILL HOLE LOG

HOLE No.	DDH 78 L 2(A)
PAGE NO.	14 of 14

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm	ASSAYS Co %	RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
	cont'd.	@ 180.5 (55.02): So = 57° to c.a.										
		@ 180-181 (54.86-55.17): abundant quartz-chlorite fracture fills										
181	194											
(55.17)	(59.13)	Unit 4A Slates	LG 16	181	194	13	1.5		55.17	55.47	.44	100%
		- a typical unit 4A lithology							55.47	56.08	.48	79%
		- more slatey than predecessors							56.08	56.69	.59	97%
		- not as badly fractured or silicified										
		@ 181.5-182.5 (55.32-55.63): fractured chippy core										
		@ 183 (55.78): So = 58° to c.a.										
		@ 184.3-184.5 (56.17-56.24): A vuggy quartz pod (no structure) proceeded by broken, blocky core (184'-184.3) So = 61° to c.a. @ 185' (56.39m)							56.69	57.91	.45	37%
		@ 186-190 (56.69-57.91): 35% recovery			190'	2"		<0.01%	57.91	58.22	.10	32%
		@ 188 (57.30): So = 54° to c.a., 7 cm silicified band										
		@ 191 (58.22): So = 51° to c.a.							58.22	58.52	.36	100%
		@ 190 (57.91): trace erytherite (cobalt)							58.52	58.83	.15	48%
194	195											
(59.13)	(59.44)	Unit 4D Silicified Siltstones heavily chloritized							58.83	59.44	.70	100%
		@ 195' (59.44): possible BRANNERITE almost brecciated with dense network of chlorite										
		@ 195' (59.44): So = 42° to c.a.										
195	196											
(59.44)	(59.74)	Unit 4A Slates							59.44	59.74	0	0
End of	Hole	@ 196 (59.74m): So = 50° to c.a.										

DRILL HOLE LOG

LOCATION:	LOON 7
AZIM:	342°
DIP:	60°
ELEV:	1345.40 m
LENGTH:	137' (41.76m)
CORE SIZE:	NQ
STARTED:	14/7/78
COMPLETED:	17/7/78
PURPOSE:	U Exploration Target and Geological Structural Evaluation
CORE RECOVERY:	37.53 m or 90%

HOLE No. DDH 78 L 1

PAGE NO.

PROPERTY: LOON

CLAIM NO: LOON 7

SECTION:

LOGGED BY: M. Stammers

DATE LOGGED: August 1, 1978

DRILLING CO: E. Caron

ASSAYED BY: - Chemex, N. Vancouver

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
		SUMMARY LOG
0	2.23	4D
2.23	2.74	4B
2.74	3.05	4D
3.05	3.66	4B
3.66	3.96	4D
3.96	4,72	4B
4.72	5.03	4D
5.03	7.01	4B
7,01	8.84	4D
8.84	10.76	4C
10.76	10.88	99A
10.88	11.27	4D
11.27	11.73	4B
11.73	12.19	4D
12.19	12.31	4B
12.31	14.02	4D
14.02	14.94	4B
14.94	15.54	4D
15.54	15.85	4A
15.85	16.46	4D
16.46	17.37	4A
17.37	17.68	4D
17.68	19.20	4B
19.20	21.03	4D
21.03	22.92	4B C
22.92	23.47	4D
23.47	23.77	4D chlorite-rich

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%

DRILL HOLE LOG

LOCATION:	
AZIM:	ELEV:
DIP:	LENGTH:
	CORE SIZE:
STARTED:	
COMPLETED:	
PURPOSE:	
CORE RECOVERY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

HOLE No.	DDH 78-L-1
PAGE NO.	
PROPERTY:	
CLAIM NO:	
SECTION:	
LOGGED BY:	
DATE LOGGED:	
DRILLING CO:	
ASSAYED BY:	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
		SUMMARY LOG (cont'd.)
23.77	24.84	4B
24.84	26.97	4D
26.97	27.28	4B
27.28	27.74	4D
27.74	28.50	4B
28.50	28.80	4D
28.80	30.39	4B
30.39	31.91	4D
31.91	33.62	4D chlorite-rich
33.62	33.83	4D
33.83	35.36	4B C
35.36	35.66	4D
35.66	37.19	4B C
37.19	39.47	4D chlorite-rich
39.47	39.93	NO CORE RECOVERED

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%

DRILL HOLE LOG

LOCATION:	LOON 7
AZIM:	342°
ELEV:	1345.40 m
DIP:	60°
LENGTH:	137' (41.76 m)
CORE SIZE:	NQ
STARTED:	14/7/78
COMPLETED:	17.7.78
PURPOSE:	U Exploration Target and Geological Structural Evaluation
CORE RECOVERY:	37.53 m or 90%

HOLE No. DDH 78 L 1

PAGE NO. 1 of 11

PROPERTY: LOON

CLAIM NO: LOON 7

SECTION: --

LOGGED BY: M. Stammers

DATE LOGGED: August 1, 1978

DRILLING CO: E. Caron

ASSAYED BY: - Chemex, N. Vancouver

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
0.0'(0.0)	7.3' (2.23)	Unit 4D: Silicified Siltstones - light grey-brown; weakly banded to weakly laminated; non=phyllitic partings; chloritic partings 6-7' (1.83-2.13m); bull quartz vein @ 2' (.61m) rougly; abundant quartz stringers, sweats, and veinlets giving the impression of at least 2 injection phases as shown by cross-cutting relationships, quartz injections frequently pinch out. possible Brannerite (2mm) crystal @ 7' (2.13m) variable chlorite and pyrite mineralization throughout core recovery 15% broken and blocky core 0-6'(0-1.83m) @ 7' (2.13m) So (bedding) = 7° to core axis (c.a.)
7.3' (2.23m)	9.0' (2.74m)	Unit 4B: Slate (slatey siltstone) with interbedded silicified siltstones; light greenish-grey (± buff brown); well-banded with some finer laminations; partings are regular with minor visible movement along bedding planes, note weak lineations and trace chlorite on partings; non-phyllitic @ 8.7' (2.65m) So - 11° to c.a. J = 142°, 43° to c.a. * Assumption: So strike=45° ~~dips to NW~~ SW

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
LG 1	0	7.3	7.3	<0.5		1.83	2.13	.40	100%+
						2.13	3.20	1.50	100%+

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 L 1	2 of 11

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
9.0	10.0	
(2.74)	(3.05)	Unit 4D: Silicified Siltstones core recovery = approximately 80% So = 35° to c.a. J_1 = 147°, 40° to c.a. SW
10	12	
(3.05)	(3.66)	Unit 4B: Slate with interbedded silicified siltstones Core reocvery = approximately 20% (broken core) So = 05° to c.a.
12	13	
(3.66)	(3.96)	Unit 4D: silicified siltstones Quartz vein sub-horizontal to c.a. @ 12.5' (3.81m) So = 10° to c.a. @ 12' (3.66 m)
13	15.5	
(3.96)	(4.72)	Unit 4B: Slate with interbedded silicified siltstones more well-banded than Unit 4B predecessors So = 10° to c.a. @ 15' (4.57m)
15.5	16.5	
(4.72)	(5.03)	Unit 4D: Silicified Siltstones appears clearly as an interbed within slatier unit good banding numerous quartz veinlets sub-horizontal to c.a. non- U mineralized continues to be pyritic, chloritic

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						3.20	3.66	.10	22%
						3.66	4.11	.63	100%+
						4.11	4.57	.42	91%
						4.57	5.18	1.25	100%+

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 L 1	3 of 11

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
16.5	23	
(5.03)	(7.01)	Unit 4B: Slate with interbedded Silicified siltstones small chloritic blebs (porphs) throughout
		@ 20-21' (6.10-6.40m): strong bedding plane polish with abundant chlorite development and two differently oriented strong lineations
		@ 19.5-20.5' (5.94-6.25m): spotty malachite (Cu) on bedding planes So = 10° to c.a. @ 20.5' (6.25m) Fracture = 115°,35° to c.a. SW @ 20.5' (6.25m)
23	29	
(7.01)	(8.84)	Unit 4D: Silicified Siltstones abundant quartz sweats, veinlets sub-horizontal to c.a.
		@ 25' (7.62m): So = 10° to c.a. Fracture - 067°,78° to c.a. SE=J_2?
		@ 26' (7.92): So = 17° to c.a. J_2 = 078°,70° to c.a. SE
		@ 26.5' (8.08): thin bull quartz pod
		@ 28.5 (8.69): So = 15° to c.a.
29	35.3	
(8.84)	(10.76)	Unit 4C: Silicified Siltstones with Slate Interbeds distinguished from 4D by frequent interbeds of slate; good pyrite development 29.8' (9.08m) So = 12° to c.a.

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
LG 2	16.5	23	6.5	1.0		5.18	6.10	.80	87%
						6.10	6.40	.38	100%+
						6.40	7.01	.43	70%
						7.01	7.62	1.0	100%+
						7.62	8.23	.57	93%
						8.23	9.14	.94	100%+
						9.14	9.74	.75	100%+
						9.74	10.82	.97	90%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 L 1	4 of 11

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
	cont'd.	Quartz veinlet = 084, 20° to c.a. SE										
		Possible BRANNERITE @: 31.5' (9.60)										
		25.4 (7.74)										
		30.5 (9.30) 33.2 (10.12)										
		29.8 (9.08) 33.75 (10.29)										
		29.1 (8.87) 26.5-270 (8.08-8.23)										
		Strongly Chloritized @ 30.7 (9.36)										
		25.5 (7.77)										
		28.0 (8.53) 35.1 (10.70)										
35.3 (10.76)	35.7 (10.88)	Bull Quartz Vein and Chlorite/Quartz alteration zone; 'clean' white bull quartz and coarse-grained chlorite (dark green)							10.82	11.58	.97	100%+
35.7 (10.88)	37 (11.27)	Unit 4D: SILICIFIED SILTSTONES still remaining pyritic So = 18° to c.a.										
37 (11.27)	38.5 (11.73)	Unit 4B: Slate with interbedded Silicified Siltstones							11.58	11.89	.20	65%
38.5 (11.73)	40 (12.19)	Unit 4D: Silicified Siltstones core recovery is poor - rubbly core abundant quartz veining							11.89	12.19	.10	33%
40 (12.19)	40.4 (12.31)	Unit 4B: Slate with minor interbedded ~~Silicified Siltstones~~ broken core							12.19	12.65	.51	100%+

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 L 1	5 of 11

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
40.4	46	
(12.31)	(14.02)	Unit 4D: Silicified Siltstones
		@ 40.7' (12.41): So = 10° to c.a.
		Quartz vein ≃135,12° to c.a. SW
		@ 45' (13.72): So = 14° to c.a.
		@ 43' - 3" wide chlorite zone (@13.11m)
46	49	
(14.09)	(14.94)	Unit 4B: Slate (minor 4D interbeds)
		@ 48.5' (14.78m): small boudin-like structure
		So = 13° to c.a.
49	51	
(14.94)	(15.54)	Unit 4D: Silicified Siltstones (some 4A Interbeds)
		small chlorite patches around quartz sweats
		@ 50' (15.24 m) So = 17° to c.a.
51	52	
(15.54)	(15.85)	Unit 4A: good Slate (of slatey siltstone)
		@ 51.5 (15.70) So = 21° to c.a.
52	54	
(15.85)	(16.46)	Unit 4D: Silicified Siltstones
		abundant quartz-chlorite sweats
		@ 53' (16.15m) So = 18° to c.a.
54	57	
(16.46)	(17.37)	Unit 4A: Slate
		broken core @ 55.5-56.5'(16.92-17.22m)
		@ 16.76m (55') So = 13° to c.a.

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
LG 3	40.4	46	5.6	0.5		12.65	13.11	.43	93%
						13.11	14.33	1.37	100%+
						14.33	15.85	1.31	86%
						15.85	16.33	.63	100%+
						16.33	17.07	.83	100%+
						17.07	17.98	.92	100%+

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 L 1	6 of 11

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	
57	58	
(17.37)	(17.68)	Unit 4D: Silicified Siltstones
		@ 57.5' (17.53 m): So = 17° to c.a.
		quartz vein = 010,77SE to c.a.
		abundant chlorite @ 57.7 (17.59m)
58	63	
(17.68)	(19.20)	Unit 4B: Slate with some silicified
		Siltstones
		Note presence of dark green (chlorite?)
		blebs
		@ 63' (19.20m): So = 11° to c.a.
		" Possible BRANNERITE on a sub-
		horizontal chlorite-rich fracture
63	69	
(19.20)	(21.03)	Unit 4D: Silicified Siltstones
		abundant chlorite and quartz veining
		@ 65-66 (19.81-21.03): broken core
		@ 66 (21.03): So = 10° to c.a.
		@ 67.8 (20.67): quartz=chlorite vein with
		possible BRANNERITE
		Orientation = 075, 30° to c.a.
		So = 17° to c.a.
69	75.2	
(21.03)	(22.92)	Unit 4B - 4C: Slate with a fair amount of
		Silicified Siltstone interbeds
		@ 71' (21.64): So = 16° to c.a.
		@ 72' (21.95): Sub-vertical quartz-filled
		tension gashes
		Bedding plane movement indicated by
		shifted quartz veinlets

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
LG 4	58	63	5	1.5		17.98	18.90	.87	95%
						18.90	19.81	1.21	100%+
						19.81	20.17	.39	100%+
						20.17	20.42	.24	96%
						20.42	21.64	1.27	100%+
						21.64	22.40	.80	100%+
						22.40	22.86	.68	100%+
						22.86	23.47	.80	100%+

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 L 1	7 of 11

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
75.2	77'											
(22.92)	(23.47)	Unit 4D: Silicified Siltstones										
		abundant quartz sweats and associated chlorite										
		@ 76' (23.16) possible brannerite on horizontal fracure to c.a.										
		So = 15° to c.a.										
77	78											
(23.47)	(23.77)	Unit 4 D: Chlorite-rich silicified silt-										
		stones							23.47	23.77	.48	100%+
		- finely desseminated chlorite										
		throughout giving unit a darker green										
		colour.										
		- sub-horizontal (to c.a.) fractures are										
		heavily chloritized										
		- minor gouge suggesting a fault										
		@ 77.5 (23.62m): So = 07° to c.a.										
78	81.5											
(23.77)	(24.84)	Unit 4B: Slate with some Silicified Silt-										
		stone interbeds							23,77	24,08	.23	74%
		- mainly broken core							24.08	24.38	.23	77%
		- a couple of locations where										
		horizontal (to c.a.) fractures are										
		chloritized							24.38	24.84	.36	78%
		So = 0° - 3° to c.a.										
81.5	88.5											
(24.84)	(26.97)	Unit 4D: Silicified Siltstones	LG 5	81.5	88.5	7	<0.5		24.84	24.99	.15	100%
		- broken core to 82' (24.99m)							24.99	26.06	1.06	99%
		@ 83.5' (25.45): 1" (.025m) quartz-										
		chlorite vein = 067,15° NW to c.a.							26.06	27.43	1.25	91%
		- abundant quartz-chlorite veining							27.43	28.19	.94	100%+
		throughout										

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 L 1	8 of 11

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 82.5' (25.15): So = 05° to c.a. @ 88.5' (26.97): So = 13° to c.a.
88.5 (26.97)	89.5 (27.28)	Unit 4B: Slate - pickup in pyrite (after a noteworthy lull)
89.5 (27.28)	91 (27.74)	Unit 4D: Silicified Siltstones - low in chlorite Possible BRANNERITE @ 89.8 (27.37), 90.9 (27.71) Bull quartz veining 90-90.5 (27.43-27.58) no ∡ = 05° to c.a. @ 90.7 (27.65): So - 17° to c.a.
91 (27.74)	93.5 (28.50)	Unit 4B: Slate with some Silicified Siltstone beds broken core follows usual decrease in quartz veining for Unit 4B (as opposed to an increase in Unit 4D)
93.5 (28.50)	94.5 (28.80)	Unit 4D: Silicified Siltstones ~50% core recovery note an increase in chlorite So = 15° to c.a. J_2 (chlorite fracture) = ≈ 073,70° to c.a. SE somewhat rusty-orange along fractures
94,5 (28.80)	99.7 (30.39)	Unit 4B: Slate

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
						28.19	28.50	.40	100%+
						28.50	28.80	.20	67%
LG 6	94.5	99.7	5.2	1.0		28.80	29.11	.28	90%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 L 1	9 of 11

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	broken core, rusty partings
		@ 95.7 (39.17): So = 10° to c.a.
		Quartz veinlet = 062,45° to c.a. SE
99.7	104.7	
(30.39)	(31.91)	Unit 4D: Silicified Siltstones
		- core broken 99.7-100 (30.39-30.48)
		- core also broken 101-102 (30.78-31.09)
		where less silicified rocks appear
		@ 101 (30.78): 1" thick bull quartz vein
		with minor chlorite, orientation
		Qv = 063,73° to c.a. SE
		So = 17° to c.a.
		possible BRANNERITE @ 102.5 (31.24m)
		chlorite increases downhole
104.7	110.3	
(31.91)	(33.62)	Unit 4D-Chlor; Chloritized Silicified
		Siltstones
		- poor recovery 105-107 (32.00-32.61):
		= possible fault
		@ 107.7 (32.83): So = 30-37° to c.a.
		broken core 108-109 (32.92-33.22)
		fracture = 050, 38 to c.a. SE
110.3	111	
(33.62)	(33.83)	Unit 4D: Silicified Siltstones
		chlorite decreasing -downhole
		very pyritic
		@ 110,7 (33.74): So = 20° to c.a.
		J_1 = 154,60 to c.a. NE
111	116	
(33.83)	(35.36)	Unit 4B--C: Slate with some silicified
		beds

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm	
LG 7	104.7	110.3	5.6	1.5	

RECOVERY From	To	Rec.M	%
29.11	30.02	.55	60%
30.02	30.48	.70	100%+
30.48	31.70	.95	78%
31.70	32.00	.19	63%
32.00	32.61	.12	20%
32.61	33.22	.86	100%+
33.22	33.98	.56	74%
33.98	35.05	.99	93%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 L 1	10of11

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 112 (34.14) So = 25° to c.a.
		@ 114: broken core and chloritization (34.75m)
		So = 26° to c.a.
		Fr = 165° 65° to c.a. NE
~~116~~ (35.36)	~~117~~ (35.66)	Unit 4D: Silicified Siltstones
		abundant chlorite and pyrite
		highly fractured core with approximately 50% recovered
		@ 116.5 (35.51): So = 22° to c.a.
117 (35.66)	122 (37.19)	Unit 4B--C: Slate with Silicified Siltstone Interbeds
		pyritic with associated orange-rust stains
		core has broken along bedding planes
		generally weakly chloritic
		@ 118 (35.97) So = 12° to c.a.
		@ 121.5 (37.03) So = 23° to c.a.
122 (37.19)	129 (39.47)	Unit 4D-Chlor.: Chlorite-Rich Silicified Siltstone
		core is broken with poor recovery, some quartz veining
		@ 122.5 (37.34) So - 24° to c.a.
		@ 126 (38.40) So = 07° to c.a.
129 (39.47)	131 (39.93)	NO CORE RECOVERED or GOUGE FAULT ZONE ??

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
						35.05	35.51	.47	100%+
						35.51	36.27	.80	100%+
						36.27	37.19	.60	65%
						37.19	38.40	.84	69%
						38.40	39.47	.36	34%
						39.47	39.93	.00	0

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 L 1	11of11

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
131	137	
(39.93)	(41.76)	Unit 4B: Chloritized Slate well-banded, only chips recovered So = sub-vertical (0^{0} to c.a.) recovery ≤10% End of Hole

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
LG 8	131	137	6	1.0		39.93	40.54	.16	26%
						40.54	40.84	.19	63%
						40.84	41.76	0	0

DRILL HOLE LOG

LOCATION:	KIWI LAKE, YUKON
AZIM:	343°
ELEV:	4033',1229.87 m
DIP:	-065°
LENGTH:	133'/40.5 m
CORE SIZE:	HQ
STARTED:	17/9/78
COMPLETED:	incomplete, hole lost, 4/10/78
PURPOSE:	
CORE RECOVERY:	70%

HOLE No. DDH 78 D 6

PAGE NO.

PROPERTY: Deer

CLAIM NO: Deer 22

SECTION: Setup 3

LOGGED BY: Mike Stammers

DATE LOGGED: September 1978

DRILLING CO: E. Caron

ASSAYED BY: Chemex Labs, N. Vanc., B. C.

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
		SUMMARY LOG
0	1.52	overburden
1.52	40.5	8 Lower metamorphic series

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm	ASSAYS	RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %

DRILL HOLE LOG

LOCATION:	KIWI LAKE, YUKON
AZIM:	343°
DIP:	-065°
ELEV:	4033', 1229.87 m
LENGTH:	133'/40.5 m
CORE SIZE:	HQ
STARTED:	17/9/78
COMPLETED:	incomplete, hole lost, 4/10/78
PURPOSE:	
CORE RECOVERY:	70%

HOLE No. DDH 78 D 6

PAGE NO. 1 of 6

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:	Deer
CLAIM NO:	Deer 22
SECTION:	Setup 3
LOGGED BY:	Mike Stammers
DATE LOGGED:	September, 1978
DRILLING CO:	E. Caron
ASSAYED BY:	Chemex Labs, N. Vanc., B.C.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
0 (o)	5(1.52)	Stuff and overburden
5(1.52)	131	
	(39.93)	Unit D-8: Chloritic, Hematitic, Phyllitic/ Schistose SILTSTONE - medium greenish-grey - fair to good So banding - S_1 present from beginning of hole and increases in clarity downhole - pinkish, quartzo-feldspathic veining common on So, S_1 and fracture surfaces; also quartz-hematite-chlorite veinlets and stringers found throughout - hematite occurs sporatically as fine-to-medium grained, banded, "porphyroblasts"; conformable to So - metamorphic grade increases downhole @5-26 (1.52-7.92): Core is broken, blocky, often chippy, recovery as indicated @ 7 (2.13): So = 42° to c.a. S_1 = 37° to c.a. N. @7-11 (2.13-3.35): Chippy core, trace gouge, recovery ≤20% @11 (3.35): So = 62° to c.a. S_1 = 15° to c.a. SE @11-14 (3.35-4.27): Broken core, some chippy, recovery ≤40% @14-17 (4.27-5.18): Broken core, some chippy, recovery ≤40%

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						0	2.13	.38	18%
						2.13	3.35	.30	25%
DG 67	5'	25'	20'	0.5		3.35	4.27	.38	41%
DG 68	45'	55'	10'	1.0		4.27	5.18	.48	53%
DG 69	75	85	10'	2.0		5.18	5.79	.40	66%
DG 70	115	130	15'	1.5		5.79	6.40	.34	56%
						6.40	7.01	.33	54%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 6	2 of 6

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd	@ 15 (4.57): So = 49° to c.a. S1 = 0° to c.a.
		@ 17-19 (5.18-5.79): Chips, broken core, recovery ≤50%
		@ 19 (5.79): So = 43° to c.a. S1 = 11° to c.a. NW
		@ 19-21 (5.79-6.40): Chips, rubble, recovery ≤40%
		@ 21-23 (6.40-7.01): Broken core, chips, recovery ≤40%
		@23 (7.01): So = 43° to c.a. S1 = 23° to c.a. NE
		@ 23-26 (7.01-7.92): Broken core, recovery = 65%
		@ 26-26.2 (7.92-7.99): A lot of chips, source uncertain
		@ 27 (8.23): So = 34° to c.a. S1 = 25° to c.a. NNE
		@ 31 (9.45): So = 38° to c.a. S1 = 18° to c.a. N
		@ 31-36 (9.45-10.97): Blocky, broken core, recovery ≤20%
		@ 36 (10.97): So = 42° to c.a. S1 = 25° to c.a. N
		@ 36-41 (10.97-12.50): Broken core, recovery ≅80%
		@ 40 (12.19): So = 36° to c.a. S1 = 18° to c.a. N

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						7.01	7.92	.58	64%
						7.92	8.23	.40	100%+
						8.23	8.84	.63	100%+
						8.84	9.45	.65	100%+
						9.45	10.97	.36	24%
						10.97	11.73	.40	53%
						11.73	12.50	.66	86%
						12.50	13.26	.70	92%
						13.26	14.17	.93	100%+
						14.17	14.78	.30	49%
						14,78	15.85	.49	46%

DRILL HOLE LOG

HOLE No.	DDH 78 D 6
PAGE NO.	3 of 6

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
	cont'd.	@ 41-43.5 (12.50-13.26): Broken core, recovery ≅80%										
		@ 44 (13.41): So = 37° to c.a.										
		S_1 = 28° to c.a. N										
		@ 46.5-48.5 (14.17-14.78): Recovery ≤35%, rubble, broken and blocky core, some quartz stringers										
		@ 49 (14.94): So = 40° to c.a.										
		S_1 = 29° to c.a. N										
		@ 48.5-52 (14.78-15.85): recovery ≤30%, broken core, chips, gouge, fracture fills of quartz and pinkish, quartzo-feldspathic stringers										
		Beginning of MAJOR FAULT ZONE	DG 68	45	55	10	1.0					
		Unit D-10: @ 52-60 (15.85-18.29): Intensely fractured siltstone with quartzo-feldspathic veining and fracture fills, strongly chloritic										
		@ 52-57 (15.85-17.37): Rubble, recovery ≤10%							15.85	17.37	.18	13%
		@ 57 (17.37): 17.37 m. So = 47° to c.a.										
		S_1 = 35° to c.a.	N						18.59	19.51	.36	30%
		@ 57-61 (17.37-18.59): Rubble, broken core, recovery ≤25%							19.51	20.42	.79	87%
		@ 61-64 (18.59-19.51): Broken core, chippy, blocky, rubble, recovery <50%							20.42	21.64	.50	41%
		minor gouge							21.64	22.25	.57	93%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 6	4 of 6

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.)	@ 64-67 (19.51-20.42): broken core, fault gouge, chips, recovery ~50%
		@ 65 (19.81): So = 44° to c.a.
		S_1 = 30° to c.a. N
		@ 68.5-71 (20.88-21.64): Broken core, fault gouge, rubble, chips, recovery ≤ 20%
		@ 68.5 (20.88): So = 50° to c.a.
		S_1 = 28° to c.a. S.W.
		@ 71-73 (21.64=22.25): recovery ≥ 80%, broken, intensely fractured core fault gouge, chips and quartzo-feldspathic veining
		@ 72 (21.95): So = 47° to c.a.
		S_1 - 33° to c.a. N
		@ 73-77 (22.25-23.47): Core is weakly to moderately fractured and broken, good recovery, trace fault gouge
		@ 76 (23.16): So = 57° to c.a.
		S_1 = 20° to c.a. NW
		@ 77-81 (23.47-24.69): Recovery ≅ 50% broken core, minor gouge
		@ 80 (24.38): So = 58° to c.a.
		S^1 = 25° to c.a. N
		@ 81-84 (24.69-25.76): MAJOR GOUGE ZONE; recovery good ~80% chippy core, broken, fractured
		@ 84.5 (25.76): So = 53° to c.a.
		S_1 - 23° to c.a. NE
		@ 84.5-87 (25.76-26.52): Excellent recovery, broken core

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						22.25	23.47	1.26	100%+
64716	65	70	sludge5'	1.5		23.47	24.69	.76	62%
						24.69	25.75	.91	86%
						25.75	26.52	.74	96%
64717	70	75	5	2.0					
64718	75	80	5	1.0	sludge				
DG 69	75	85	10	2.0	chip				
64719	80	85	5	1.5	sludge				

DRILL HOLE LOG

HOLE No.	DDH 78 D 6
PAGE NO.	5 of 6

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 88 (26.82): 1 cm thick gouge zone = S_1 = 22° to c.a.
		S_1 is very strong, So much weaker, BUT steeper angles
		@ 88.5-91 (26.97-27.74): Vuggy with quartz-hematite-chlorite veinlets
		@ 90 (27-43): So = 33° to c.a.(shallows by 91')
		S_1 = 28° to c.a. SW
		@ 94.6-96 (28.83- 29.26): Broken core, recovery 65%
		@ 95 (28.96): So = 63° to c.a.
		S_1 = 34° to c.a. SE
		@ 97 (29.57): 0.3 cm thick quartz veinlet cross-cuts So, S_1
		@ 98 (29.87): 0.6 cm thick quartz veinlet cross-cuts So, S_1
		@ 99 (30.18): So = 60° to c.a.
		S_1 = 25° to c.a. W, minor quartz veinlets
		@ 100-101 (30.48-30.78): broken core
		@ 104.5 (31.85): So = 62° to c.a.
		S_1 = 14° to c.a. NE
		@ 109.5 (33.38): So = 64° to c.a.
		S_1 - 22° to c.a. NE
		@ 113 (34.44): So = 63° to c.a.
		S_1 = 33° to c.a. NE
		@ 115-117 (35.05-35.66): Broken core
		@ 117 (35.66): So = 68° to c.a.
		S_1 = 15° to c.a. E

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm	
DG 70	115	130	15'	1.5	

RECOVERY From	To	Rec.M	%
26.52	27.74	1.40	100%+
27.74	28.80	.88	83%
28.80	29.26	.25	54%
29.26	30.78	1.53	100%+
30.78	31.70	.80	87%
31.70	33.22	1.63	100%+
33.22	34.59	1.15	84%
34.59	36.26	1.70	100%+
36.26	37.64	1.37	100%+
37.64	39.01	1.40	100%+
39.01	39.93	N.A.	N.A.

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 6	6 of 6

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd,	@ 122 (37.19): So = 68° to c.a. S_1 = 23° to c.a. E @ 127 (38.71): So = 66° to c.a. S_1 = 25° to c.a. E @ 131 (31.93): So = 66° to c.a. S_1 = 10° to c.a. SW

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm	ASSAYS	RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %

DRILL HOLE LOG

LOCATION:	DEER 22, KIWI LAKE, YUKON
AZIM:	020°
DIP:	-65°
ELEV:	3988' A S.L.
LENGTH:	125'/38.1 m
CORE SIZE:	HQ
STARTED:	Sept. 12, 1978
COMPLETED:	Sept. 16, 1978
PURPOSE:	
CORE RECOVERY:	63%

HOLE No.: DDH 78 D 5

PAGE NO.:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:	Deer
CLAIM NO:	Deer 22
SECTION:	Setup No. 2
LOGGED BY:	Mike Stammers
DATE LOGGED:	September, 1978
DRILLING CO:	E. Caron
ASSAYED BY:	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
		SUMMARY LOG
0	1.52	Sluff and Overburden
1.52	1.98	2 Upper nonmetamorphic series
1.98	4.27	1B UNM
4.27	4.57	3A UNM
4.57	9.45	2 UNM
9.45	38.1	5 Upper metamorphic series

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%

DRILL HOLE LOG

LOCATION:	DEER 22, KIWI LAKE, YUKON
AZIM:	020°
DIP:	-65°
ELEV:	3988' A S.L.
LENGTH:	125'/38.1 m
CORE SIZE:	HQ
STARTED:	Sept. 12, 1978
COMPLETED:	Sept. 16, 1978
PURPOSE:	
CORE RECOVERY:	63%

HOLE No. DDH 78 D 5

PROPERTY: Deer

CLAIM NO: Deer 22

SECTION: Setup No. 2

LOGGED BY: Mike Stammers

DATE LOGGED: September, 1978

DRILLING CO: E. Caron

ASSAYED BY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
0 (0)	5(1.52)	Sluff and Overburden
5(1.52)	6.5 (1.98)	Unit D-2; Tricolor Banded Siltstone - light green, purple-grey and grey - broken core, recovery uncertain @ 6 (1.83): So = 78° to c.a.
6.5 (1.98)	14 (4.27)	Unit D-1B; Bleached, silicified, banded SILTSTONE - recovery 10%, rubble, blocky core - light greyish-beige, no attitudes available - shot through with quartz-hematite-chlorite veins
14 (4.27)	15 (4.57)	Unit D-3A; "Crackled", weakly banded, intensely fractured SILTSTONE - mottled purplish-grey - shot through with hematite stringers - rubbly core, recovery 30%
15 (4.57)	31 (9.45)	Unit D-2; variably banded, Tricolor Siltstone - green, grey, and purple-grey bands - core is generally broken, recovery as indicated @ 15 (4.57): So = 65° to c.a.

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						0	1.83	1.5	82%
						1.83	4.57	.53	19%
DG 1	6.5'	14'	8.5	0.5					
DG 2	15	31	16	1.0		4.57	5.79	1.2	98%
						5.79	6.40	.55	90%
						6.40	7.01	.40	66%
						7.01	8.23	.92	75%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 5	2 of 4

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd,	@ 15-19 (4.57-5.79): Recovery ≈80%
		@ 19 (5.79): So = 66° to c.a.
		@ 19.5-21 (5.94-6.40): intensely fractured core with hematite stringers
		@ 21-23 (6.4-7.01): Recovery = 60%
		@ 21-25 (6.4-7.62): Weaker banding
		@ 23-27 (7.01-8.23): Recovery 75%
		@ 23 (7.01): So = 63° to c.a.
		@ 26-27 (7.92-8.23): Broken core, weaker banding, fractured core
		@ 27 (8.23): So = 62° to c.a.
		@ 27-31 (8.23-9.45): Recovery 37%, expect core loss occurs at lower contact as core is good and solid
31(9.45)	125	
	(38.1)	Unit D-5; Hematitic, Chloritic, Variably Phyllitic SILTSTONE
		- banding is weak to fair, medium green-grey
		- many slickensides along bedding plane indicating bedding plane movement
		- porphyroblastic hematite bands are sporatic but ubiquitous
		@-31-51 (9.45-15.54): Broken core
		@ 31-36 (9.45-10.97): Recovery ≈20%, rubble, chips and quartz veining
		@ 35.5 (10.82): So = 32° to c.a.
		1 cm thick quartz-chlorite vein @ 5° to c.a., slickensides

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						8.23	9.45	.48	39%
						9.45	10.97	.33	22%
						10.97	11.58	.35	57%
						11.58	12.50	.30	33%
						12.50	13.11	.63	100%+
						13.11	14.63	.51	34%
						14.63	15.54	.60	66%
						15.54	17.07	.91	59%
						17.07	17.37	.23	77%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 5	3 of 4

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 36-38 (10.97-11.58): Recovery ≤50% chips and rubbly core
		@ 38-41 (11.58-12.5): Recovery ≤ 30%, chips and rubbly core
		@ 40 (12.19): So = 43° to c.a.
		@ 43-48 (13.11-14.63): Recovery 35%, no indication as to loss
		@ 46 (14.02): So = 28° to c.a.
		@ 48-51 (14.63-15.54): Recovery ≤50%, broken core
		@ 51 (15.54): So = 28° to c.a.
		@ 56 (17.07): So = 24° to c.a.
		@ 56-57 (17.07-17.37): Recovery ≤50%, broken core, chips
		@ 61 (18.59): So = 23° to c.a. 0.5 cm thick quartz veinlet, Z 040, ∠33° NW to c.a.
		@ 62-64 (18.9-19.51): Broken core, minor quartz veining
		@ 66 (20.12): So = 25° to c.a.
		@ 71 (21.64): So = 30° to c.a.
		@ 74-76 (22.56-23.16): Broken core, some chips
		@ 76 (23.16): So = 26° to c.a.
		@ 76.5-79 (23.32-24.08): Broken core
		@ 81 (24.69): So - 27° to c.a.

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						17.37	18.59	.79	65%
						18.59	19.51	.84	92%
DG 3	40	50	10	1.0		19.51	20.42	.61	67%
						20.42	21.64	1.0	82%
						21.64	22.86	1.45	100%+
						22.86	23.77	1.0	100%+
DG 4	70	80	10	1.5					
						23.77	24.99	.93	76%
						24.99	25.60	.50	82%
						25.60	26.52	.70	76%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 5	4. of 4

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
		@83-84 (25.3-25.6): chips, broken core, quartz-chlorite-rimmed vein, cross-cuts
		@ 86 - (26.21): So = 37° to c.a.
		@ 87 -93.5 (26.52-28.5): Broken core, often chippy
		@ 87-90 (26.52-27.43): Recovery ≤65%
		@ 90-92 (27.43-28.04): Recovery 60%
		@ 90.3 (27.52): So = 32° to c.a.
		@ 92-93.5 (28.04-28.5): Recovery 70%
		@ 95 (28.96): So = 38° to c.a.
		@ 95.5-125 (29.11-38.1): Core is generally broken, recovery as indicated
		@ 95.5-99 (29.11-30.18): Recovery 66%
		@ 99-104 (30.18-31.7): Recovery ≤25%, rubble, chips
		@ 99 (30.18): So = 35° to c.a.
		@ 104 (31.7): So = 32° to c.a.
		@ 107.5 (32.77): So = 30° to c.a.
		@ 109-109.5 (33.22-33.38): Minor fault gouge, vuggy quartz veining
		@ 111-115 (33.83-35.05): Recovery 30%
		@ 113 (34.44): So = 33° to c.a.
		@ 115-119 (35.05-36.27): Recovery 25%
		@ 119-121 (36,27-36.88): Recovery 30%
		@ 121 (36.88): So - 33° to c.a.
		@ 121.5-122 (37.03-37.19): Minor fault gouge
		@ 122.5-124.5 (37.33-37.95): Recovery 60%
		@ 124 (37.8): So = 35° to c.a.
		@ 124.5-125 (37.95-38.1): Redrilled core
		@ 125'/38.1 End of Hole DDH 78 D 5

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						26.52	27.43	.48	53%
						27.43	28.04	.44	72%
						28.04	28.80	.69	91%
						28.80	29.57	.59	88%
						29.57	20.18	.32	52%
						30.18	32.21	.61	50%
						32.31	32.92	.61	100%+
DG 5	95	105	10	1.0		32.92	33.83	.88	97%
						33.83	35.05	.37	30%
						35.05	36.27	.33	27%
						36.27	36.88	.23	38%
						36.88	37.83	.60	100%+
						37.33	37.95	.38	61%
						37.95	38.10	.15	100%

DRILL HOLE LOG

LOCATION:	Deer 22, KIWI LAKE, YUKON
AZIM:	020°
ELEV:	3988' A.S.L.
DIP:	-50°
LENGTH:	648'/197.51 m
CORE SIZE:	HQ/NQ
STARTED:	3/9/78
COMPLETED:	12/9/78
PURPOSE:	
CORE RECOVERY:	83% or 164.71 m.

HOLE No. DDH 78 D 4

PAGE NO.

PROPERTY: Deer

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

CLAIM NO:	Deer 22
SECTION:	Setup 2
LOGGED BY:	M. Stammers
DATE LOGGED:	September, 1978
DRILLING CO:	E. Caron
ASSAYED BY:	Chemex Labs, N. Vancouver, B.C.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
		SUMMARY LOG
0	2.13	Sluff and Overburden
2.13	2.44	3 Upper nonmetamorphic series
2.44	4.57	1B UNM
4.57	7.56	2 UNM
7.56	7.77	1B UNM
7.77	56.69	5 Upper metamorphic series
56.69	71.02	7 UM
71.20	72.18	99B Quartz veining
72.18	121.92	8 Lower metamorphic series
121.92	124.05	9 LM
124.05	124.97	99A Quartz veining
124.97	126.95	9 Lower metamorphic series
126.95	131.37	9B LM
131.37	133.50	9A LM
133.50	134.72	9B LM
134.72	137.46	9A LM
137.46	137.77	9B LM
137.77	140.06	9 LM
140.06	140.91	FAULT ZONE
140.91	171.75	8 LM
171.75	189.28	9A LM
189.28	197.51	9 LM

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%

DRILL HOLE LOG

LOCATION:	DEER 22, KIWI LAKE, YUKON
AZIM:	020°
ELEV:	3988' A.S.L.
DIP:	-50°
LENGTH:	648'/197.51 m.
CORE SIZE:	HQ/HN
STARTED:	3/9/78
COMPLETED:	12/9/78
PURPOSE:	
CORE RECOVERY:	83% or 164.71 m.

HOLE No. DDH 78 D 4

PAGE NO. 1 of 23

PROPERTY: Deer

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

CLAIM NO:	Deer 22
SECTION:	Setup 2
LOGGED BY:	M. Stammers
DATE LOGGED:	September, 1978
DRILLING CO:	E. Caron
ASSAYED BY:	Chemex Labs, N. Vancouver, B.C.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
0 (0)	7 (2.13)	Sluff and overburden
9(2.13)	8(2.44)	
		Unit D-3; Weakly Banded SILTSTONE - light to medium grey, rubbly core to 7.6'/2.32 m. - distinctly related to Unit D-2, tri-color banded @ 7.3 (2.23): So = 75° to c.a. @ 7.8' (2.38): 1.5 cm thick quartz-hematite-chlorite vein
8(2.44)	15(4.57)	Unit D-1B: Bleached, Silicified, banded SILTSTONE - light grey-tan with tuscan red and creamy green bands - related to Unit D1, but intensely silicified - quartz-hematite-chlorite veining throughout - very poor recovery ≅20%, rubbly core - note some slickenside fracture surfaces with chlorite associated @ 11.2' (3.41 m): So = 50° to c.a.
15(4.57)	(24.8 (7.56)	Unit D-2: Variably Banded, Tricolour, SILTSTONE - bands are medium grey, purple-grey and light green - core is much less rubbly, but is still broken

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						0	2.44	0.20	8%
						2.44	3.66	0.35	29%
DG 48	8	15	7	1.0		3.66	4.57	.25	27%
DG 49	15	24.8	9.8	2.0		4.57	4.88	.30	100%+
						4.88	5.18	.20	67%
						5.18	5.49	.40	100%+

DRILL HOLE LOG

HOLE No.	DDH 78 D 4
PAGE NO.	2 of 23

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 15-17.2 (4.57-5.24): rubbly core, recovery 30%
		@ 15.8 (4.82): So = 50° to c.a.
		@ 16-16.2 (4.88-4.94): Zone of Silicification, bleaching
		@ 17-19 (5.18-5.79): less colourfull banding; light green, light grey, medium grey
		@ 21 (6.4): So = 57° to c.a.
		@ 23.5-24.8 (7.16-7.56): less colourfull banding, weaker banding
		@ 24.5 (7.47): So - 55° to c.a.
24.8	25.5	
(7.56)	(7.77)	Unit D-1B: Intensely fractured, silicified bleached banded SILTSTONE
		- a "coarse crackled look" due to tectonic brecciation
		- partially hematized, silicified and bleached, relict banding present
		MAJOR FAULT FEATURE
25.5	186	
(7.77m)	(56.69m)	Unit D-5: Grey, Variably Phyllitic SILTSTONE
		- weakly banded, generally weakly phyllitic
		- a very sharp lithology change and unit appears much earlier than expected
		- chlorite-bearing, widely scattered bands of "porphyroblastic" hematite

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						5.49	6.40	.70	77%
						6.40	7.31	.80	88%
						7.31	9.45	.95	44%
						9.45	10.06	.30	49%
						10.06	10.97	.80	88%
						10.97	11.89	.85	92%
						11.89	12.50	.60	98%
						12.50	13.11	.60	98%
						13.11	13.72	.59	82%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 4	3 of 23

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	- overall colour is a medium-to-dark greenish-grey
		- note abrupt structural change
		@ 25.6 (7.80): So - 15° to c.a.
		@ 25.7-32 (7.83-9.75): Rubbly core, chips, broken, core recovery 15%
		@ 32.5 (9.91): So = 13° to c.a.
		@ 33 (10.06): radioactive (scint) anomaly
		@ 38 (11.59): So = 14° to c.a.
		@ 43 (13.11): So = 8° to c.a.
		@ 44-45 (13.41-13.72): Broken core, 80% recovery
		@ 47-49 (14.33-14.94): Recovery 60%
		@ 48 (14.63): So = 7° to c.a.
		@ 51-53 (15.54-16.15): Recovery 45%, broken, rubbly core
		@ 53 (15.16): So = 8° to c.a.
		@ 58 (17.68): So = 7° to c.a.
		@ 63 (19.20): So = 4° to c.a.
		@ 64-66.5 (19.51-20.27): Recovery 55%, broken core
		@ 66.5-71 (20.27-21.64): Recovery 55%, broken core
		@ 68 (20.73): So = 9° to c.a.
		@ 71-74 (21.64-22.56): Recovery 65%, broken core
		@ 73 (22.25): So = 15° to c.a.
		@ 73-74 (22.25-22.56): Recovery 65%, broken core
		@ 75-78 (22.86-23.77): Recovery 30%, broken core, chips

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						13.72	14.33	.55	90%
						14.33	14.94	.25	41%
						14.94	15.54	.40	67%
						15.54	16.76	.75	61%
						16.76	17.37	.70	100%+
						17.37	18.59	1.00	82%
						18.59	18.90	.30	97%
						18.90	19.51	.60	98%
						19.51	20.27	.45	59%
						20.27	21.64	.85	62%
						21.64	22.56	.55	60%
DG 50	50	70	20	1.5		22.56	23.16	.25	42%
						23.16	23.77	.25	41%
						23.77	24.69	.90	98%
						24.69	26.06	.70	51%

DRILL HOLE LOG

HOLE No.	DDH 78 D 4
PAGE NO.	4 of 23

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 78 (23.77): So = 12° to c.a.
		@ 82-85.5 (24.99-26.06): Recovery 30%, broken core, chips
		@ 83 (25.30): So = 12° to c.a.
		@ 88 (26.82): So = 14° to c.a. minor 0.5 cm thick quartz-chlorite rim veinlet
		@ 88-92 (26.82-28.04): Recovery 50%, broken core
		@ 90 (27.43): 1 cm thick quartz-chlorite-hematite vein with attitude ≃080, 35° N to c.a.
		@ 92 (28.04): So = 13° to c.a. Weak local schistosity (S_1), similar ≃, △37° to c.a. S as So
		@ 92-95 (28.04-28.96): Broken core, breaks along So
		@ 95 (28.96): So = 22° to c.a.
		@ 95-97 (28.96-29.57): Radioactive anomaly, Chips, rubble, recovery 15%
		@ 97-101 (29.57-30.78): Recovery 30%, chips, rubble
		@ 100.3-100.5 (30.57-30.63): Fault Gouge ≃050, 38° SE to c.a.
		So = 18° to c.a.
		@ 101,1 (30.82): Radioactive Anomaly

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						26.06	26.52	.45	98%
						26.52	27.28	.55	72%
						27.28	28.04	.50	66%
						28.04	28.96	.85	92%
						28.96	29.57	.20	33%
DG 51	90	110	20	1.0		29.57	30.78	.55	45%
						30.78	32.31	1.15	75%
						32.31	33.99	1.60	95%
						33.99	35.05	.77	73%
						35.05	35.81	.40	53%
						35.81	36.42	.50	82%
						36.42	37.49	.75	70%
						37.49	38.10	.45	74%
						38.10	38.71	.50	82%
						38.71	39.93	1.05	86%

DRILL HOLE LOG

LOCATION:	
AZIM:	ELEV:
DIP:	LENGTH:
	CORE SIZE:
STARTED:	
COMPLETED:	
PURPOSE:	
CORE RECOVERY:	

HOLE No. DDH 78 D 4

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 106 (32.31): So = 13° to c.a.
		@ 109-110 (33.22-33.53): Recovery 50%, broken core, rubble
		@ 110 (33.53): Radioactive Anomaly
		@ 111 (33.83): So = 21° to c.a.
		@ 111-114 (33.83-34.75): Recovery 45%, broken core
		@ 116 (35.36): So = 16° to c.a.
		@ 115-117.5 (35.05-35.81): Recovery 60%
		@ 117.5-119.5 (35.81-36.42): Recovery 75%, broken core
		@ 119.5-123 (36.42-37.49): Recovery 60%, broken core
		@ 121 (36,88): So = 20° to c.a.
		@ 123-125 (37.49-38.10): Recovery 65%, broken core
		@ 125-127 (38.10-38.71): Recovery 75%, broken core
		@ 126 (38.40): So - 25° to c.a.
		@ 127-131 (38.71-39.93): Recovery ≥80%, broken core
		@ 131 (39.93): So = 15° to c.a.
		@ 131-135 (39.93-41.15): Recovery ≥85%, broken core
		@ 136 (41.45): So = 18° to c.a.
		@ 137-138 (41.76-42.06): Recovery 65%, broken core, chips, minor gouge
		@ 138-140 (42.06-42.67): Recovery ≥75%, broken core

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						39.93	40.69	.70	92%
						40.69	41.15	.70	100%+
						41.15	42.06	.80	80%
						42.06	42.67	.50	82%
						42.67	43.28	.65	100%+
						43.28	44.20	.70	76%

DRILL HOLE LOG

LOCATION:	
AZIM:	ELEV:
DIP:	LENGTH:
	CORE SIZE:
STARTED:	
COMPLETED:	
PURPOSE:	
CORE RECOVERY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

HOLE No.	DDH 78 D 4
PAGE NO.	6 of 23
PROPERTY:	
CLAIM NO:	
SECTION:	
LOGGED BY:	
DATE LOGGED:	
DRILLING CO:	
ASSAYED BY:	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 140-142.5 (42.67-43.43): Recovery ≥90% broken core
		@ 141 (42.98): So = 17° to c.a.
		@ 144.5-151 (44.04-46.02): Good recovery, Broken core, breaks along So
		@ 146 (44.50): So = 30° to c.a.
		@ 151 (46.02): So = 22° to c.a.
		@ 156 (47.55): So = 18° to c.a.
		@ 160 (48.77): So = 40° to c.a.
		@ 162-163.5 (49.38-49.83): Recovery 25%, broken core, chips
		@ 164 (49.99): So = 58° to c.a., minor kink folding
		@ 167-170 (50.90-51.82): Recovery 50%, broken and some blocky core and chips
		@ 168 (51.21): So = 23° to c.a.
		@ 170-173 (51.82-52.73): Recovery >90%, some broken core
		@ 172 (52.43): So = 11° to c.a.
		@ 173-186 (52.73-56.69): Bands are crenulated with a very weakly developing schistosity
		@ 176 (53.64): So = 2° to c.a. S_1 - 30° to c.a. N
		@ 180 (54.86): So = 3° to c.a. S_1 - 67° to c.a. N
		@ 184 (56.08): So = 20° to c.a. S_1 - 63° to c.a. N
		note: good slickensides on So surface
		@ 184-186 (56.08-56.69): MAJOR FAULT ZONE Recovery ≤10%, broken core, rubble

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						44.20	44.65	.65	100%+
						44.65	46.06	1.10	78%
						46.06	47.55	1.50	100%
DG 52	150	170	20	2.0		47.55	48.46	.90	99%
						48.46	49.83	.85	62%
						49.83	50.90	.90	84%
						50.90	51.82	0.60	65%
						51.82	52.73	.90	99%
						52.73	54.25	1.65	100%+
						54.25	55.47	1.45	100%+
						55.47	56.69	.25	20%

DRILL HOLE LOG

HOLE No.	DDH 78 D 4
PAGE NO.	7 of 23

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
186	233	
(56.69)	(71.02)	Unit D-7: Hematitic, chloritic, Phyllitic SILTSTONE
		- weakly banded, medium greenish-grey
		- schistosity is weak
		- pinkish patches along So, S_1 plane surfaces
		- note: mottled appearance due to coring
		@ 186-195 (56.69-59.44): Recovery 40%, blocky core, some rubble
		@ 189 (57.61): So = 77° to c.a.
		S_1 = steep to North
		@ 194 (59.13): So = 78° to c.a.
		S_1 = 15° to c.a. N
		@ 195-198 (59.44-60.35): Recovery 70%, core is blocky
		@ 197.7 (60.26): So = 83° to c.a.
		S_1 = 25° to c.a. N
		@ 198-203 (60.35-61.87): Recovery 30%, broken core, rubble, fault gouge
		@ 202.6 (61.75): So = 73° to c.a.
		S_1 = 33° to c.a. N
		@ 202.5 (61.72): Fault Gouge, Slickensides
		@ 203-208 (61.87-63.40): Recovery 50%, broken and often blocky core, minor gouge
		@ 207 (63.09): So = 78° to c.a.
		S_1 = 30° to c.a. N
		@ 208-211 (63.40-64.53): Recovery 20%, broken core, rubble, some gouge
		@ 211.8 (64.56): So = 72° to c.a.
		S_1 = 34° to c.a. N.

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm	
DG 53	200	220	20	1.0	

RECOVERY From	RECOVERY To	Rec.M	%
56.69	58.06	.85	62%
58.06	59.44	.60	43%
59.44	60.35	.75	82%
60.35	61.87	.55	36%
61.87	63.40	1.00	65%
63.40	64.62	.40	33%
64.62	65.53	.35	38%
65.53	66.75	.91	75%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 4	8 of 23

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 212-215 (64.62-65.53): Recovery 30%, broken, gouge, rubble
		@ 215-218 (65.33-66.45): Recovery 50%, broken core, fault gouge
		@ 215.2 (65.59): So = 73° to c.a.
		S_1 = 29° to c.a. N
		Fault gouge contact - 45° to c.a. N
		@ 219 (66.75): So = 76° to c.a.
		S_1 = 24° to c.a. N
		@ 219-223 (66.75-67.97): Good recovery, some broken core
		@ 223 (67.97): So = 77° to c.a.
		S_1 = 18° to c.a. N.
		227 (69.19): So = 65° to c.a.
		S_1 = 42° to c.a. N
		@ 288-229 (69.49-69,80): Minor quartz-chloritc stringers
		@ 231 (70.41): So = 75° to c.a.
		S_1 = 45° to c.a. N
		@231.7-233 (70.62-71.02): recovery 70%, broken, core, chips, rubble, fault gouge
233	236.8	
(71.02)	(72.18)	Unit D-99B; Quartz-Chlorite-Hematite Veining
		- mainly veins, but with abundant siltstone rock.

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
						66.75	67.67	.80	87%
						67.67	69.19	1.50	99%
						69.19	70.41	1.19	98%
						70.41	71.02	.60	98%
64589	232'	233'	1'	4.0					
DG 54	233	236.8	3.8	< 0.5		71.02	72.24	1.30	100%+
64590	233	235	2'	0.5					

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 4	9 of 23

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 233-234 (71.02-71.32): several 1 cm thick veins @ 7° to c.a.
		@ 234-235 (71.32-71.63): mainly unit SILTSTONE D-7 with extremely variable bedding attitudes
		@ 235-236.8 (71.63-72.18): mainly one vein, lower contact = 45° to c.a.=So
236.8 (72.18)	400 (121.92)	Unit D-8: Hematitic-Chloritic Phyllitic/ Schistose SILTSTONE
		- banded, light-to-medium grey (Greenish±
		- hematite occurs as medium grain, banded, porphyroblasts
		- banding and schistosity has improved since last unit
		- quartz veining and stringers common below 272'/82.91 m
		@ 236.8-238.5 (72.18-72.69): recovery ≥85%, broken core
		@ 238.5 (72.69): So = 53° to c.a. S_1 = 20° to c.a. N
		@ 242-243 (73.76-74.07): very good recovery, broken core
		@ 243 (74.07): So = 63° to c.a. S_1 = 22° to c.a. N
		@ 248 (75.59): So = 55° to c.a. S_1 = 20° to c.a. N

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
64591	235	237	2'	0.5					
						72.24	73.15	1.00	100%+
						73.15	74.68	1.60	100%+
						74.68	76.20	1.63	100%+
						76.20	79.55	3.30	99%
						79.55	80.77	.70	57%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 4	10 of 23

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 255 (77.72): So = 70° to c.a. S_1 = 37° to c.a. N
		@ 256-257 (78.03-78.33): quartz (vuggy) chlorite-rimmed veining
		@ 257 (78-33): minor gouge along S_1
		@2257-261 (78.33-79.55): good recovery, broken, blocky core
		@ 259 (78.94): gouge and core chips
		@ 259.5 (79.10): So = 65° to c.a. S_1 = 30° to c.a. N
		@ 261 (79.55): fair gouge and chips
		@ 261-265 (79.55-80.77): recovery 75%, severely broken core - major gouge zone
		@ 263 (80.16): 3 cm thick, non-radioactive, quartz ± feldspathic, hematit e-chlorite vein
		@ 264.4 (80.59): So = 70° to c.a. S_1= 18° to c.a. N
		@ 265-265.7 (80.77-80.99): good recovery, broken core
		@ 265.7-267 (80.99-81.38): good recovery, rubble, chips and minor gouge
		@269 (81.99): So = 58° to c.a. S_1 = 23° to c.a. N
		@ 271.7-272 (82.81-82.91): Broken core and minor gouge
		@ 272.5-274 (83.06-83.52): recovery 35%; broken core and minor fault gouge
		@ 274-275.5 (83.52-83.97): some broken core, minor fault gouge, quartz veinlets

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						80.77	81.38	.60	98%
						81.38	82.91	1.60	100%+
						82.91	83.97	.85	80%
						83.97	85.65	N / A	
DG 55	260	280	20	1.0					

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 4	11 of 23

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 274.3 (83.61): So = 40° to c.a. S_1 = 27° to c.a. N
		@ 279 (85.04): So = 45° to c.a. S_1 - 21° to c.a. N numerous quartz-chlorite veins cross-cutting So, S_1
		@ 280-280.2 (85.34-85.40): fault gouge, lower contact 65° to c.a.
		@ 283.5 (86.41): So = 53° to c.a. S_1 = 24° to c.a. N
		@ 284-284.1 (86.56-86.59): fault gouge
		@ 287 (87.48): So = 55° to c.a. S_1 = 20° to c.a. N
		@ 290.5-293 (88.54-89.31): Recovery 50% minor gouge, broken core
		@ 292 (89): So = 57° to c.a. S_1 = 32° to c.a. N
		@ 293-296 (89.31-90.22): strongly fractured, broken core with abundant gouge, quartz ± feldspathic-hematite veining
		@ 297.5 (90.68): So = 56° to c.a. S_1 - 65° to c.a. N
		@ 296-302 (90.22-92.05): strongly fractured, broken core, minor gouge, recovery 60%, abundant veining
		@ 302.5 (92.20): So = 10° to c.a. very weak S_1 - 47° to c.a. N very strong

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						85.65	86.87	.80	66%
						86.86	88.09	1.40	100%+
						88.09	89.31	1.05	86%
						89.31	90.22	.75	82%
						90.22	92.66	1.55	64%
						92.66	93.57	.60	66%
						93.57	94.18	.70	100%+
DG 56	290	310	20	2.0		94.18	95.24	.80	75%
						95.24	98.29	3.00	98%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 4	12 of 23

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 304-307 (92.66-93.57): recovery 50%, broken core, abundant quartz veining
		@ 306 (93.27): 5 cm thick quartz-hematite-chlorite vein, cross-cuts So S_1 @ 47° to c.a.
		@ 307-309 (93.57-94.18): fair recovery, broken core, minor gouge
		@ 307.4 (93.70): 4 cm thick quartz-hematite-chlorite vein
		@ 307.8 (93.82): So = 8° to c.a.
		S_1 = 30° to c.a. N
		@ 311-312.5 (94.79-95.25): broken core and minor gouge
		@ 312 (95.10): So = 12° to c.a.
		S_1 = 60° to c.a. N
		@ 316.7 (96.53): So= 18° to c.a.,strong kink folding
		S_1 = 43° to c.a. N
		@ 317-320 (96.62-97.54): 1 cm thick quartz-hematite-chlorite vein running sub-parallel (0°) to core axis
		@ 318.3 (97.02): minor fault with 5 cm. of broken core, slickensides on S_1
		@ 320 (97.54): So = 50° to c.a.
		S_1 = 38° to c.a. N
		@ 325 (99.06): So = 32° to c.a.
		S_1 = 27° to c.a. N

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						98.29	99.81	1.20	79%
						99.81	100.89	.60	56%
						100.89	102.41	1.35	89%
						102.41	103.94	1.30	85%
						103.94	105.46	1.50	99%
64592	323.5	324.5	1	1.0		105.46	106.38	.85	92%
						106.38	107.90	1.55	100%+
						107.90	108.96	1.05	99%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 4	13 of 23

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 326-331 (99.36-100.89): Fractured, broken core, minor gouge and chips
		@ 326-327.5 (99.36-99.82): recovery 30%, fault gouge
		@ 332 (101.19): So = 46° to c.a.
		S_1 = 34° to c.a.
		@ 335 (102.11): 3 cm thick, quartz-hematite-chlorite vein, beaut of a kink fold
		@ 337 (102.72): So = 18° to c.a.
		S_1 = 40° to c.a. N
		@ 343 (104.55): So = 20° to c.a.
		S_1 = 38° to c.a. N
		@ 345.5 (105.31): 0.7 cm thick quartz-hematite-chlorite veinlet
		@ 348 (106.07): So = 38° to c.a.
		S_1 = 33° to c.a. N
		@ 353.5 (107.75): So = 55° to c.a.
		S_1 - 43° to c.a. N
		@ 360 (109.73): So = 42° to c.a.
		S_1 = 23° to c.a. N
	HQ/NQ	@ 361 (110.03): Terminate HQ core, commence NQ core
		@ 365 (111.25): 2 cm thick quartz-chlorite hematite vein = So
		@ 366 (111.56): So = 48° to c.a.
		S_1 = 38° to c.a. N
		@ 367-367.3 (111.86-111.95): fault gouge, lower contact = So = 40° to c.a.
		@ 374 (114): So = 37° to c.a.
		S_1 = 32° to c.a. N.

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
						108.96	110.03	.85	79%
						110.03	111.56	1.50	98%
						111.56	113.08	1.30	86%
DG 57	361	381	20	1.5					
64593	373	374	1'	1.5		113.08	114.60	1.50	99%
64594	374	375	1'	3.0		114.60	116.13	1.45	95%

DRILL HOLE LOG

HOLE No.	DDH 78 D 4
PAGE NO.	14 of 23

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd	@ 380 (115.82): So = 50° to c.a. S_1 = 22° to c.a. N
		@ 383.5-384 (116.89-117.04): fault gouge, lower contact = S_1 (?)
		@ 387 (117.96): So = 66° to c.a. S_1 = 24° to c.a. N
		@ 391.4 (119.30): 1 cm thick quartz-chlorite vein
		@ 394 (120.09): So = 55° to c.a. S_1 = 28° to c.a. N
		@ 394 -396 (120.09-120.70): recovery 70%, broken core
		@ 396-400 (120.70-121.92): recovery 70%, some broken core
		@ 399 (121.62): So = 70° to c.a. S_1 = 31° to c.a. N
400 (121.92)	407 (124.05)	Unit D-9: Chloritic Phyllitic/Schistose SILTSTONE - good banding, good schistosity - medium green-grey colour, non-hematitic - core is generally broken, minor gouge - recovery 70% @ 402 (122.53): So ≅ S_1 = 10° to c.a. - core fractured, banding weaker @ 402-405 (122.53-123.44): fault zone; gouge, slickensides - recovery 40%; core is rubbly, chips @ 405.5 (123.60): So = 50° to c.a. S_1 = 18° to c.a. N

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						116.13	117.49	1.20	88%
						117.49	119.18	1.55	92%
						119.18	120.70	1.20	79%
						120.70	122.22	1.05	69%
						122.22	123.44	.75	61%
						123.44	124.66	1.15	94%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 4	15 of 23

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
407	410	
(124.05)	(124.97)	Unit D-99A: Quartz-Chlorite Veining
		- upper contact = 55° to c.a.
		- lower contact = 80° to c.a.
		@ 407-409 (124.05-124.66): Mainly veins ≥3 cm in thickness with 30-40% siltstone country rock
		@ 409-410 (124.66-124.97): one quartz-chlorite vein
410	416.5	
(124.97)	(126.95)	Unit D-9: Chloritic PHyllitic/Schistose SILTSTONE
		- as 400-407'/121.92-124.05m
		- medium green-grey, banded
		@ 410-414 (124.97-126.19): recovery 60%, broken core
		@ 415 (126.49): So = 40° to c.a. S_1 = 13° to c.a. N
		@ 415.8-416.5 (126.74-126.95): broken core
416.5	431	
(126.95)	(131.37)	Unit D-9B: light green, chloritic phyllitic/schistose SILTSTONE
		- as above unit, but light-to-medium grey-green in colour
		- quartz-chlorite veining as indicated
		- perhaps more siliceous
		@ 416.5-421 (126.95-128.32): recovery 25%, expect fault zone broken, blocky, rubbly core, abundant quartz-chlorite veins

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
DG 58	407	410	3'	1.0		124.66	126.19	1.00	65¢
64595	409'0"	409'10"	10"	0.5					
DG 59	410	416.5	6.5'	3.0		126.19	126.94	.65	87%
64596	409'10"	411'2"	1'2"	2.0					
64597	411'2"	414'	10"	2.5					
64598	414	415	1'	2.0					
						126.94	128.32	.40	29%
						128.32	129.54	1.05	86%
						129.54	131.06	1.60	100%+

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 4	16 of 23

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 421.5 (128.47): So = 55° to c.a. S_1 = 31° to c.a. N
		@ 422 (128.63): 3 cm thick quartz-chlorite vein, irregular
		@ 424 (129.24): 3 cm thick quartz-chlorite veining, irregular
		@ 425.5 (129.69): 6 cm thick quartz-chlorite vein, contacts 80° to c.a., crosscuts So, S_1
		@ 427 (130.15): 5 cm thick quartz-chlorite vein, contacts 80° to c.a., cross-cuts So, S_1
		@ 429 (130.76): So = 71° to c.a. S_1 = 18° to c.a. N S_2 = 47° to c.a. N Strike = 095°, kink linears
431	438	
(131.37)	(133.50)	Unit D-9A: Chloritic, Phyllitic/ Schistose SILTSTONE - as 400-407'/121.92-124.05m and 410-416.5'/124.97-124.97-126.95m, but note weaker banding - medium green-grey @ 434.5 (132.44): 2 cm thick quartz= chlorite vein = So roughly @ 436.5 (133.05): So = 74° to c.a. S_1 = sub-vertical (0°) to c.a. @ 437.8 (133.44): minor fault gouge, broken, chippy core

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						131.06	132.28	1.07	88%
						132.28	133.50	1.00	82%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 4	17 of 23

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
431	438	
(131.37)	(133.50)	Unit D-9A; Chloritic, phyllitic/schistose SILTSTONE
		-as 416.5-431'/126.95-131.37m
		@ 439 (133.81): 3 cm thick quartz-chlorite-hematite vein contacts are ≅78° to c.a.
		@ 440-440.5 (134.11-134.26): broken core, fault gouge, quartz stringers
		@ 441 (134.42): So = 78° to c.a. S_1 = 27° to c.a. S
		@ 441.3-441.8 (134.51-134.66): fault gouge, rubble, quartz veining
		@ 441.9 (134.69): 1 cm thick quartz-chlorite vein = So = 78° to c.a.
442	451	
(134.72)	(137.46)	Unit D-9A: chloritic, phyllitic/ Schistose SILTSTONE
		- as 431-438' (131.37-133.50m), etc.
		- note weak banding
		@ 442.3 (134.81): 1.5 cm thick quartz-chlorite vein
		@ 448 (136.55): So = 61° to c.a. S_1 = 23° to c.a. N
		@ 449 (136.86): 1 cm thick quartz=chlorite vein with 6 cm, bleached cream alteration ring, contacts = So = 58° to c.a.
451	452	
(137.46)	(137.77)	Unit D-9B: green Chloritic, Phyllitic/ Schistose SILTSTONE

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
DG 60	438	442	4'	45.		133.50	134.72	1.10	90%
DG 61	442	451	9'	1.5		134.72	136.25	1.40	92%
						136.25	137.46	1.20	99%
64599	451.25	452.25	1'	1.5		137.46	138.68	1.10	90%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 4	18 of 23

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	- as 416.5-431'/126.95-131.37 m, etc.
		@ 451.5-451.9 (137.62-137.74): quartz-chlorite veining with bleached-cream alteration = approximately So
452 (137.77)	459.5 (140.06)	Unit D-9: Chloritic, Phyllitic/Schistose SILTSTONE
		- banding, schistosity have improved
		- starting to pick up hematite again
		@ 453 (138.07): 3 cm thick quartz-chlorite vein conformable to So
		@ 454.2-455 (138.44=138.68): recovery 50%, broken, rubbly core and minor gouge
		@ 455.5 (138.84): So = 39° to c.a. S_1 = 32° to c.a. N
		@ 459 (139.90): So = 55° to c.a. S_1 = 18° to c.a. N
459.5 (140.06)	462.3 (140.91)	FAULT ZONE; gouge, intensely fractured core
		- mainly medium green-grey, but with some hematized, reddish zones, streaks
		- upper contact 40° to c.s. (So=60° to c.a.) Σ = So
		- lower contact 65-70° to c.a.
462.3 (140.91)	563.5 (171.75)	Unit D-8: Hematitic-Chloritic, Phyllitic/Schistose SILTSTONE
		- medium green-grey, weak-to=fair banding

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						138.68	139.90	1.20	90%
						139.90	141.12	.87	71%
DG 62	459.5	462.3	2.8'	1.5					
						141.12	142.04	.70	76%
						142.04	143.26	1.10	90%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 4	9 of 23

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	- very long monotonous unit
		- core is broken and sometimes blocky
		@ 464 (141.43): trace secondary copper-azurite
		@ 465 (141.73): So = 70° to c.a.
		S_1 - 44° to c.a.
		@ 466-468 (142.02-142.65): broken core, some gouge; quartzo-feldspathic and quartz-chlorite-hematite veining
		@ 471 (143.56): So = 82° to c.a.
		S_1 = 38° to c.a. N
		(Note: S_1 direction often tough to delineate as So flattens)
		@ 477 (145.39): So = 81° to c.a. (kinked)
		S_1 = 25° to c.a. N
		@ 478 (145.69): trace secondary copper - malachite and azurite
		@ 483 (147.22): So = 88° to c.a.
		S_1 = 48° to c.a.
		@ 490 (149.35): So = 86° to c.a.
		S_1 = 38° to c.a.
		@ 490.5-491.5 (149.50=149.81): Broken core, minor gouge, quartzo-feldspathic veining
		@ 495 (150.88): 0.3 cm thick quartzo-feldspathic veinlet in rubble
		@496.5 (151.33): So = 88° to c.a.
		S_1 = 30° to c.a.
		@ 499 (152.10): 0.3 cm thick quartzo-feldspathic ± hematite veinlet ≅ So

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						143.26	144.78	1.48	97%
						144.78	146.30	1.53	100%+
						146.30	147.83	1.25	82%
						147.83	149.50	1.40	84%
						149.50	151.03	1.53	100%+
						151.03	152.70	1.55	93%
						152.70	154.23	1.70	100%+
						154.23	155.75	1.40	92%
DG 63	490	510	20	1.0		155.75	157.28	1.55	100%+
						157.28	158.80	1.54	100%+
						158.80	160.47	1.60	96%
						160.47	161.85	1.35	98%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 4	20 of 23

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 504 (153.62): So = 77° to c.a.
		S_1 = 30° to c.a. (N?)
		@ 506.4-506.6 (154.35-154.41): Vuggy quartz veining with unidentified black crystals
		@ 506.4-509 (154.35-155.14): fractured core with quartz and quartzo- felds- pathic veining
		@ 512 (156.06): So = 76° to c.a.
		S_1 - 35° to c.a. (N?)
		@ 517 (157.58): So = 75° to c.a.
		S_1 = 35° to c.a. (N?)
		@ 517.5-520 (157.73-158.50): "Shattered core" with some fault gouge
		@ 523 (159.41): So = 78° to c.a.
		S_1 - 38° to c.a. (N?)
		@ 523-525.5 (159.41-160.17): Broken core and minor fault gouge
		@ 528.5 (161.09): So = 85° to c.a.
		S_1 = 45° to c.a.
		@ 534 (162.76): So = 78° to c.a.
		S_1 = 40° to c.a.
		@ 539-540 (164.29-164.59): broken core, fault gouge, quartz (vuggy)
		veining plus unidentified black crystals
		@ 540.5 (164.74): So = 84° to c.a.
		S_1 = 28° to c.a.
		from 541'/164.9 m core breaks into smaller lengths -- phyllite ??
		@ 547 (166.73): So = 78° to c.a.
		S_1 = 32° to c.a.

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
DG 64	535	555	20	1.5		161.85	163,37	1.28	84%
						163.37	164.59	1.23	100%+
						164.59	166.27	1.70	100%+
						166.27	167.94	1.65	99%
						167.94	169.47	1.40	92%
						169.47	170.94	1.35	89%
						170.99	172.67	1.59	95%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 4	21 of 23

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd	@ 553 (168.55): So = 83° to c.a. S1 = 38° to c.a. SW
		@557.5 (169.93): So = 71° to c.a. S1 = 13° to c.a. SW
		@ 558=559 (170.08-170.38): zone of quartz sweats, minor gouge
		@ 563 (171.60): So = 75° to c.a. S1 = 36° to c.a. SW 1 cm thick quartz-hematite-chlorite vein = So
563.5	621	
(171.75)	(189.28)	Unit D-9A: Chloritic Phyllitic/Schistose SILTSTONE
		- weakly banded,, non-hematitic
		@ 564-565 (171.91-172.21): broken core, chips, minor fault gouge
		@ 569 (173.43): So =78° to c.a. S1 =37° to c.a. SW
		@ 569.5-569.6 (173.58-173.61): fault gouge and minor quartz stringers
		@ 574 (174.96): So = 67° to c.a. S1 = 25° to c.a. S
		@ 578.5 (176.33): 3 cm zone of fault gouge @ 20° to c.a.
		@ 579.5 (176.63): So = 83° to c.a. S1 = 35° to c.a. (S?)
		@ 584 (178): 4 cm thick zone of fault gouge, quartz stringers either side
		@ 585.5 (178.46): So = 68° to c.a. S1 = 33° to c.a. S, surface is slickensided

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						172.67	174.04	1.35	99%
						174.04	175.56	1.60	100%+
						175.56	177.09	1.48	97%
						177.09	178.61	1.62	100%+
						178.61	180.14	1.53	100%+
						180.14	181.66	1.60	100%+
						181.66	183.18	1.60	100%+

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 4	22pf 23

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 590 (179.83): So = 68° to c.a. S_1 = 32° to c.a. S
		@ 596 (181.66): So = 83° to c.a. S_1 = 32° to c.a. S
		@ 597.3-597.5 (182.06-182.12): broken core, minor gouge, quartz veining
		@ 599.8 (182.82): 1 cm thick, quartz-chlorite vein, core fractured, minor gouge
		@ 600.5-601.5 (183.03-183.34): core fractured, minor gouge and broken core
		@ 603 (183.79): So = 87° to c.a. S_1 = 30° to c.a.
		@ 603-605 (183.79-184.40): recovery 25%, broken, chippy core, minor gouge
		@ 605.5 (184.56): minor fault gouge, 1 cm thick
		@ 609 (185.62): So = 88° to c.a. S_1 = 37° to c.a.
		@ 610.5-611 (186.08-186.23): fault gouge, core chips, quartz veining
		@ 613.5-615.5 (186.99-187.60): recovery 20%, fault gouge, rubble
		@ 615.7-616 (187.67-187.76): fault gouge-30° to c.a. N, fractured core
		@ 616.3 (187.85): So = 50° to c.a. S_1 = 20° to c.a. (westish)
		@ 617.5-618.5 (188.21-188.52): fractured, broken core and minor fault gouge
		@ 620.5 (189.13): 3 cm thick zone of fault gouge and broken core

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm	ASSAYS	RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
						183.18	184.55	1.04	76%
						184.55	186.23	1.58	94%
						186.23	187.60	.98	72%
						187.60	189.28	1.53	91%
DG 65	600	620	20	1.0					

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 4	23of 23

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
621 (189.28)	648 (197.51)	Unit D-9 (±D-9D): Chloritic, Phyllitic/ Schistose SILTSTONE
		- banding improved, some tricolor - green, light and dark grey
		@ 628 (191.41): So - 58° to c.a.
		So = 30° to c.a. N
		@ 634 (193.24): So = 40° to c.a.
		S_1 = 35° to c.a. N
		@ 634.8-635.6 (193.49-193.73): broken core, fault gouge
		@ 639.4-640.2 (194.89-195.13): broken core
		@ 640.5 (195.22): So = 25° to c.a.
		S_1 = 40° to c.a. N
		@ 644 (196.29): So = 3° to c.a.
		S_1 = 47° to c.a.
		@ 648 (197.51): So = 3° to c.a.
		S_1 = 46° to c.a.
		648'/197.51m End of Hole

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
DG 66	630	648	18	1.0		189.28	190.80	1.62	100%+
						190.80	192.33	1.62	100%+
						192.33	193.55	.97	80%
						193.55	195.07	1.60	100%+
						195.07	196.29	1.25	100%+
						196.29	197.51	1.22	100%+

DRILL HOLE LOG

LOCATION: KIWI LAKE, YUKON SUMMARY LOG

HOLE No.: DDH 78 D 3

PAGE NO.: 1

AZIM: 040°

DIP: -50°

ELEV: 4040'/1231.92 m

LENGTH: 124.36

CORE SIZE: HQ

STARTED: 26/8/78

COMPLETED: 3/9/78

PURPOSE:

CORE RECOVERY: 91.36m or 73.5%

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY: Deer

CLAIM NO: Deer 22

SECTION: Setup #1

LOGGED BY: Stammers

DATE LOGGED: September, 1978

DRILLING CO: F. Caron

ASSAYED BY: Chemex Labs, N. Vanc., B.C.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm	ASSAYS	RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
0	3.35	Stuff and Overburden										
3.35	5.18	1 Upper nonmetamorphic series										
5.18	5.49	3 UNM										
5,49	7.92	2 UNM										
7.92	9.75	2 & 3 UNM										
9,75	12.28	2 UNM										
12.28	14.94	1A UNM										
14.94	19.20	3 UNM										
19.20	22.25	99A Quartz veining										
22.25	25.91	4 Lower nonmetamorphic series										
25.91	26.52	99A Quartz veining										
26.52	27.28	4 Lower nonmetamorphic series										
27.28	27.74	Fault Zone										
27.74	31.70	5 Upper metamorphic series										
31.70	32.31	99B Quartz veining										
32.31	46.63	5 Upper metamorphic series										
46.63	51.82	6 UM										
51.82	55.47	7 UM										
55.47	69.80	8 Lower metamorphic series										
69.80	77.11	9 LM										
77.11	80.31	9C LM										
80.31	81.23	99 Quartz veining										
81.23	84.12	9C Lower metamorphic series										
84.12	90.98	5 Upper metamorphic series										
90.98	92.96	99A Quartz veining										
92.96	94.79	5 Upper metamorphic series										
94.79	99.06	9 Lower metamorphic series										
99.06	101.50	9D LM										
101.50	105.77	9 LM										
105.77	106.98	5 Upper metamorphic series										

SUMMARY LOG

DRILL HOLE LOG

HOLE No.	PAGE NO.
	2

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION		SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
106.98	107.59	99B	Quartz veining										
107.59	108.36	5	Upper metamorphic series										
108.36	109.27	99B	Quartz veining										
109.27	111.86	10	Lower metamorphic series										
111.86	114.30	9	LM										
114.30	115.0	9A	LM										
115.00	118.72	10	LM										
118.72	124.36	8A	LM										

DRILL HOLE LOG

LOCATION:	KIWI LAKE, YUKON
AZIM:	040°
ELEV:	4040'/1231.92 m
DIP:	-50°
LENGTH:	408' / 124.36
CORE SIZE:	HQ
STARTED:	26/8/78
COMPLETED:	3/9/78
PURPOSE:	
CORE RECOVERY:	91.36m or 73.5%

HOLE No. DDH 78 D 3

PAGE NO. 1 of 22

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:	Deer
CLAIM NO:	Deer 22
SECTION:	Setup #1
LOGGED BY:	Stammers
DATE LOGGED:	September, 1978
DRILLING CO:	F. Caron
ASSAYED BY:	Chemex Labs, N. Vanc., B.C.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
0 (0)	11(3.35)	Sluff and Overburden
11(3.35)	17(5.18)	Unit D1: "Bleached" light green, banded SILTSTONE - core is broken and rubbly - recovery ≤10% @ 16.5 (5.03); So = 75° to c.a.
17(5.18)	18(5.49)	Unit D-3: Weakly banded SILTSTONE - medium green grey - blocky core, recovery 60% @ 17.5 (5.33): So = 82% to c.a. Quartz-Hematite vein≈020, 55° to c.a. SE
18(5.49)	26(7.92)	Unit D-2; Tricolour, Banded SILTSTONE - light green, medium purple-grey and cream bands - very poor recovery, ≤15% @ 24.5 (7.47): So = 73° to c.a. @ 26 (7.92): 1.5 cm thick quartz-hematite vein
26(7.92)	32(9.75)	Interbedded Units D-3 & D-2; Mixed weakly banded and tricolour banded siltstone - core recovery ~30%; rubbly, blocky core - core too rubbly, etc. to pick out D2, D3 units @27 (8.23): 2.3 cm thick quartz-hematite vein @ 27.5 (8.38): So = 65° to c.a.

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
DG 25	11	17	6'	3.5		3.96	5.49	.29	19%
DG 26	18	26	8'	1.5		5.49	7.62	.17	8%
						7.62	9.14	.80	53%
						9.14	10.36	1.00	82%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 3	2 of 22

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
32(9.75)	40.3 (12.28)	Unit D-2; Tricolour Banded SILTSTONE - becoming lighter green downhole @ 33 (10.06): So = 71° to c.a. @ 33.7 (10.27): So = 78° to c.a. @ 33.7 (10.27): 1.5 cm thick quartz-hematite-chlorite vein with attitude: 100, 45° to c.a. N @39 (11.89): So = 75° to c.a. : 2 cm thick, quartz-hematite-chlorite vein with attitude: 030, 55° to c.a. NW
40.3 (12.28)	49(14.94)	Unit D-1A "Semi-Bleached", light green banded SILTSTONE - as 11-17'/3.35-5.18 m, but less bleached - banding weak in a few spots @ 40-43 (12.19-13.11): 40% core recovered @ 43-46 (13.11-14.02): 65% recovery, core rubbly with heavy fracturing @ 45 (13.72): So = 75° to c.a. @ 46-48 (14.02-14.63): 30% recovery, core rubbly with fracturing @ 49 (14.94): So = 70° to c.a.
49(14.94)	63(19.20)	Unit D-3; Weakly Banded SILTSTONE - medium green-grey with vfg hematite in bands

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						10.36	11.28	.67	73%
						11.28	12.19	.61	67%
						12.19	13.11	.35	37%
DG 27	40.3	49	8.7	2.0		13.11	14.02	.60	66%
						14.02	14.63	.24	39%
						14.63	15.24	.65	100%
DG 28	49	63	14'	2.0		15.24	15.85	.48	79%
						15.85	16.76	.80	88%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 3	3 of 22

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	con't.	- sporatic banding
		@ 50-51 (15.24-15.54); core chips, some redrilled core
		A 53 (16.15): So = 85° to c.a.
		@ 55-63 (16.76-19.20): partings weakly phyllitic, broken and some rubbly core, recovery ~ 50%
		@ 56-57 (17.07=17.37): dark grey-green, chlorite rich
		@ 58 (17.68): So = 90° (⊥) to c.a.
		@ 61 (18.59): So = 77° to c.a.
63(19.20)	73 (22.25)	Unit D-99A; Bull Quartz-Chlorite veining
		- note lack of hematite
		- series of veins rather than one
		- some siltstones (interbedded) remaining intact
		63-65 (19.20-19.81): Recovery 35%; mainly quartz-chlorite vein
		65-68 (19.81-20.73): Recovery 7%; mixed veins and siltstone rubble
		68-70 (20.73-21.34): Recovery 35%; mixed siltstone and veins rubble
		70-73 (21.34-22.25): Recovery 90%; mixed veins and siltstone, solid core
		71 (21.64): So = 53° to c.a.
		73 (22.25): lower contact 40° to c.a. (N opposite to So direction)

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						16.76	18.50	.80	99%
						18.59	19.81	.69	57%
DG 29	63	73	10'	0.5-		19.81	20.73	.14	15%
						20.73	21.34	.30	49%
						21.34	22.56	1.00	82%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 3	4 of 22

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
73(22.25)	85(25.91)	Unit D4; Banded Green and Cream SILTSTONE	DG 30	73	85	12	2.0		22.56	23.47	.66	73%
		- fair banding of medium green and cream layers							23.47	24.08	.30	49%
		- partings are variably phyllitic							24.08	24.69	.07	11%
		- minor zones of dark green, chloritic siltstone							24,69	25.91	.52	43%
		@ 74.5 (22.71): So = 70° to c.a.										
		@ 74-77 (22.56-23.47): Fractured core, recovery 65%										
		@ 76 (23.16): 3 cm thick Quartz-Chlorite vein in rubble										
		@ 77 (23.47): So = 75° to c.a.										
		@ 77-79 (23.47-24.08): Broken core, recovery 60%										
		: So core angles steepening, crenulations developing										
		@ 79 (24.08): So = 45° to c.a.										
		@ 79-81 (24.08-24.69): Core recovery 10% all rubble → FAULT ZONE										
		@ 81 (24.69): So = 3° to c.a. very crude S_1 = 48° to c.a.										
		@ 81-85 (24.69-25.91): Core recovery = 40% some broken core										
		@ 85 (25.91): So = 8° to c.a.										
85(25.91)	87 (26.52)	Unit D-99A Quartz-Chlorite Veining							25.91	26.97	.53	50%
		- core recovery ≐ 18%										
		- core is rubbly and fractured										
		- minor siltstone lithology is rubble										

DRILL HOLE LOG

HOLE No.	DDH 78 D 3
PAGE NO.	5 of 22

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
87(26.52)	89.5 (27.28)	Unit D4; banded cream and green SILTSTONE - phyllitic partings @ 87 (26.52): So = 13° to c.a. @ 88 (26.82): 4 cm thick quartz-chlorite vein @ 87.8-88.3 (26.76-26.91): Broken core @ 89 (27.13): So = 15° to c.a.
89.5 (27.28)	91 (27.74)	FAULT GOUGE ZONE - upper contact 37' to c.a. N - 35% core recovery - small chips in a muddy matrix
91(27.74)	104(31.70)	Unit D5; Variably phyllitic SILTSTONE - generally medium green grey - banding ubiquitous: fuzzy cream and green-grey - mainly hairline fractures throughout @ 91-92 (27.74-28.04): medium greenish-grey colour @91.5 (27.89): So = 12° to c.a. @ 92-93.5 (28.04-28.50); medium to dark grey-green, chlorite-rich @ 93.5-104 (28.50-31.70); medium greenish-grey, some pink-red fracture fills, etc. @ 95 (28.96); So = 18° to c.a. Quartz-chlorite veinlet:030, 38° to C.A. NW

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
						26.97	27.43	.45	98%
DG 31	89.5	91	2.5'	2.5		27.43	28.35	.77	84%
DG 32	91	104	13	2.0		28.35	29.26	.74	81%
64710	95	100	5	2.0		29,26	29.87	.53	87%
						29.87	30.78	.70	77%
						30.78	31.39	.40	66%
						31.39	32.61	.70	57%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 3	6 of 22

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
		@ 96.5-98 (29.41-29.87); Broken, fractured core with 55% recovery										
		@ 97.6 (29.75); 2 cm thick, conformable (?), quartz-chlorite-hematite vein										
		@ 99 (30.18); So = 37° to c.a.										
		@ 99-104 (30.18-31.70); Fractured, broken core	64711RM	100	105	5	7.0	sludge				
		@ 103 (31.39); So = 25° to c.a.										
104 (31.70)	106 (32.31)	Unit D 99B: Bull Quartz-chlorite±hematite vein/veining										
		- rubble on either end indicating a fault zone	DG 33	104	106	2'	<0.5	chip				
		- upper contact roughly conformable to So @ 40° to c.a.										
		- bedding may have been locally deformed to this attitude										
		- lower contact shows no relationship to So.										
		- some quartz veining continues below 106' (32.31 m)										
		- core recovery ≈60%										
106 (32.31)	153 (46.63)		64715	105	110	5'sludge	na	sludge				
		Unit D 5 Variably phyllitic Siltstone	DG 34	120	140	20'	< 0.5	chip	32.61	33.83	.46	38%
		- as 91 - 104'/27.74-31.70 m; but note an increasing metamorphic grade downhole							33.83	34.44	.37	61%
									34.44	35.36	.68	74%
		- note descriptions below citing variations from norm, etc.							35.36	36.88	.68	45%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 3	7 of 22

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	- almost slatey in spots
		@ 106-139 (32.31-42.37); light-to-medium green-grey, pretty consistent
		@ 107.2 (32.67); 3.2 cm thick quartz-chlorite vein, partially boudinaged
		@ 106-125 (32.31-38.10); core is all broken, some places severely
		@ 106-111 (32.31-33.83); core recovery 30%
		@ 108 (32.92) So = 48° to c.a.
		@ 107-111 (32.61-33.83); Minor quartz veining throughout
		@ 111-113 (33.83-34.44); Core recovery 30%; core broken along partings
		@ 113 (34.44); So = 45° to c.a.
		@ 113-116 (34.44-35.37); Core recovery 65%
		@ 114.5 (34.90); 1 cm thick quartz-chlorite veinlet
		@ 116-117.5 (35.37-35.81): Core recovery 90%
		@ 117 (35.66): So = 45° to c.a.
		@ 117.5-121 (35.81-36.88): Core recovery 10%
		@ 121-125 (36.88-38.10): Core recovery 25%
		@ 125-131 (38.10-39.93): Core recovery 66%, slightly radioactive zone
		@ 126 (38.40): So = 42° to c.a.
		@ 127 (38.71): 1 cm thick quartz-chlorite vein

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						36.88	38.10	.40	33%
						38.10	39.93	1.00	55%
64570	120	125	sludge	2.0	sludge				
64571	125	130	sludge	2.5					
64572	125.3	126.3	1'	3.0					
64573	126.3	127.3	1'	4.0					

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 3	8 of 22

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd	@ 128 (39.01): So = 50° to c.a.
		@ 131-135 (39.93-41.15): Core recovery 20%, rubble chips
		@ 134 (40.84): So = 50° to c.a.
		@ 134.7 (41.06): 4 cm thick quartz-chlorite vein in rubble
		@ 135-139 (41.15-42.37): Core recovery 62%, broken core
		@ 138 (42.06): So = 50° to c.a.
		@ 139-147 (42.37-44.81): medium grey-green, more chloritic
		@ 141-144 (42.98-43.89): core recovery 35%; rubble, chips
		@ 144 (43.89): So = 44° to c.a.
		@ 144-147 (43.89-44.81): recovery 80%
		@ 147-153 (44.81-46.63): medium green-grey, minor dark green chlorite zones
		@ 147-151 (44.81-46.02): recovery 70%
		@ 148 (45.11): So = 45° to c.a.
		@ 151-153 (46.02-46.63): recovery 75%, some broken core
		@ 152 (46.33): So = 37° to c.a.
		@ 152.5 (46.48): 5 cm zone of irregular quartz-chlorite veining
153	170	
(46.63)	(51.82)	Unit D6 Chloritic-phyllitic SILTSTONE
		- development of platey minerals, mainly chlorite
		- lineations along So. partings
		- S_1 strong, several core partings along S_1

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
64574	127.3	128.3	1'	3.0		39.93	41.15	.40	33%
						41.15	42.37	.80	66%
						42.37	42.98	.70	100%+
						42.98	43.89	.44	48%
						43.89	44.81	.81	88%
						44.81	46.02	.81	67%
						46.02	46.63	.43	70%
DG 35	153	170	17'	2.0		46.63	47.70	.30	28%
						47.70	49.07	.42	31%
						49.07	49.68	.61	100%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 3	9 of 22

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	- medium-to-dark green grey; minor hematite porphs
		- core broken and fractured throughout
	~ ~ ~	@ 153-156.5 (46.63-47.70): broken core, recovery ~15%
		: FAULT along So.
		@ 155 (47.24): So = 17° to c.a.
		@ 156.5-161 (47.70-49.07): recovery 15%, broken core and rubble
		@ 160.5 (48.92): So = 10° to c.a.
		S_1 = 55° to c.a. S
		@ 161-163 (49.07-49.68): good recovery >90%, but all broken core
		@ 161.7 (49.29): 2 cm wide gouge zone, conformable to S_1
		@ 163-167 (49.68-50.90): 60% recovery, loss centered @ 167'/50.90 m
		@ 164 (49.99): So = 40° to c.a.
		S_1 (weaker) 78° to c.a. S
		@ 167-170 (50.90-51.82): good core recovery
		@ 169 (51.51): So = 30° to c.a.
170 (51.82)	182 (55.47)	Unit D7 hematitic-chloritic-phyllitic SILTSTONE
		- as above unit but with bands of mg "porphyroblastic" hematite
		- schistosity and S_1 developing rapidly

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						49.68	50.90	.60	49%
						50.90	52.12	.90	74%
DG 36	170	182	12'	1.0		52.12	52.73	.85	56%
						52.73	53.34	.34	56%
						53.34	54.25	.24	26%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 3	10 of 22

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	con'td.	- core is medium-to-dark green-grey
		@ 172 (52.43): So = 33° to c.a.
		@ 173-175 (52.73-53.34): broken core, 45% recovery
		@ 175-178 (53.34-54.25): blocky core, 30% recovery
		@ 178 (54.25): So = 28° to c.a.
		@ 178-181 (54.25-55.17): some broken core, recovery 40%
		@ 181 (55.17): So = 8° to c.a.
		NOTE: Lower contact is transitional
182 (55.47)	229 (69.80)	Unit D8 Hematitic-chloritic-schistose/ phyllitic SILTSTONE
		- unit as above, but with clearly defined S_1, schistosity and lineation of minerals (rexllized along S_1)
		@ 182 (55.47): So = 35° to c.a.
		S_1 = 55° to c.a. N (opposite direction to So)
		@ 186 (56.69): So = 57° to c.a.
		S_1 = 48° to c.a. N
		@ 191 (58.22): So = 51° to c.a.
		S_1 = 28° to c.a. N
		@ 196 (59.74): So = 50° to c.a.
		S_1 = 19° to c.a. N
		@ 201 (61.26): So = 50° to c.a.
		S_1 = 8° to c.a. N (note slickensided surface)

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						54.25	55.17	.45	49%
DG 37	200	220	20'	1.5		55.17	56.08	.92	100%+
						56.08	57.30	1.10	90%
						57.30	58.22	.91	99%
						58.22	58.83	.63	100%+
						58.83	59.74	.80	88%
						59.74	60.66	.69	75%
						60.66	61.57	.89	98%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 3	12 of 22

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
	cont'd.	recovered, abundant fault gouge										
		- minor quartz stringers in rubble										
		- chlorite and hematite associated with quartz										
		- fault plan along S_1										
		@ 231-234 (70.41-71.32): broken, fractured core with minor gouge recovery 60%, continued quartz-chlorite veinlets										
		@ 231.3 (70.5 m): hematite porphs observed							71.32	71.93	.60	98%
		@ 233 (71.02): So = 76° to c.a.							71.93	73.15	1.10	90%
		S_1 = 20° to c.a. N							73.15	74.07	.85	92%
		@ 234-236 (71.32-71.93): broken core; veining, gouge continue, recovery 70%							74.07	74.68	.50	82%
		@ 236-240 (71.93-73.15): recovery 75%, 10 cm of fault gouge @ 238.5'/72.69 m.							74.68	75.60	.60	65%
		@ 237 (72.24): So = 80° to c.a.; 1 cm thick quartz-chlorite-hematite vein							75.60	76.81	1.10	91%
		S_1 = 35° to c.a. N; still some banded hematite							76.81	77.72	.70	77%
		@ 241 (73.46): So = 78° to c.a.										
		S_1 = 35° to c.a. S (same direction as So)										
		@ 244-248 (74.37-75.59): broken core, 65% recovery										
		- abundant quartz-chlorite veining										
		- some veins conformable to S_1										
		@ 245 (74.68): So = 73° to c.a.										
		S_1 - 23° to c.a. S (direction = So)										
		@ 249 (75.90): So = 65° to c.a.										
		S_1 = 40° to c.a. N = quartz vein										

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 3	11 of 22

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 201 (61.26) onwards: relict banding becomes wider with some siliceous bands
		@ 205-208 (62.48-63.40): 50% recovery, broken core
		@ 207 (63.09): So = 51° to c.a. S_1 = 15° to c.a. N
		@ 211 (64.31): So = 42° to c.a. S_1 = 31° to c.a. N
		@ 216 (65.84): So = 57° to c.a. S_1 - 30° to c.a. N
		@ 220 (67.66): So = 60° to c.a. S_1 = 20° to c.a. N
		@ 224 (68.28): So = 70° to c.a. S_1 = 32° to c.a. N
		@ 228 (69.49): So = 70° to c.a. S_1 = 25° to c.a. N
228 (69.49)	253 (77.11)	Unit D9 Chloritic Schistose/phyllitic SILTSTONE - non-hematitic, with minor patches throughout - quartz-chlorite veining throughout - strongly fractured core with abundant fault gouge throughout - colour variable from medium-to-dark green-grey - banding (relict) cream and green @ 228-231 (69.49-70.41): 30% core

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						61.57	61.87	.40	100%+
						61.87	62.48	.70	100%+
						62.48	63.40	.90	98%
						63.40	64.31	1.05	100%+
						64.31	65.53	1.00	82%
						65.53	65.84	.35	100%+
						65.84	66.75	.75	82%
						66.75	67.97	1.20	98%
						67.97	69.19	1.20	99%
						69.19	70.41	0.60	49%
DG 38	228	253	25	1.5		70.41	71.32	.60	66%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 3	13 of 22

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@250-251 (76.2-76.5): broken core, fault gouge, quartz veining
		@ 252 (76.81): So = 30° to c.a.
		S_1 = 48° to c.a. N
		@ 252-255 (76.81-77.72): broken core, recovery 50%
		@ 254-255 (77.42-77.72): fault gouge
255 (77.72)	263.5 (80.31)	Unit D9 C Chloritic and siliceous phyllitic/schistose SILTSTONE
		- as above unit D9, BUT:
		a) relict banding is thicker
		b) bands include a light grey siliceous lithology
		c) tricolour appears with bands; light grey, dark grey, green - schistosity continues uninterrupted
		@ 255 (77.72): So = 43° to c.a.
		S_1 = 20° to c.a. N
		@ 256-259 (78.03-78.94): minor gouge along S_1 plane
		@ 260 (79.25): So = 40° to c.a.
		S_1 = 30° to c.a. N
		@ 263 (80.16): So = 58° to c.a.
		S_1 = 35° to c.a. N
263.5 (80.31)	266.5 (81.23)	Unit D-99 Bull quartz vein
		- no appreciable chlorite, hematite or loss of core

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						77.72	78.94	1.50	100%+
						78.94	80.16	1.25	100%+
						80.16	81.08	.91	99%
						81.08	81.99	1.20	100%+

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 3	14 of 22

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	- upper contact = 35° to c.a. = S_1 - lower contact = 37° to c.a. = So
266.5 (81.23)	276 (84.12)	Unit D-9C chloritic ± siliceous phyllitic/schistose SILTSTONE - as 255-263.5'/77.72-80.31 m @ 267 (81.38): So = 31° to c.a. S_1 = 51° to c.a. N @ 271 (82.60): So = 50° to c.a. S_1 - 45° to c.a. N @ 272-275 (82.91=83.82): broken core, some fault gouge, recovery 70% @ 275.5 (83.97): So = 60° to c.a. - gouge plane S_1 = 31° to c.a. N
276 (84.12)	298.5 (90.98)	Unit D-5 variably phyllitic SILTSTONE - variably phyllitic, all phyllitic from 284' (86.56 m) - very thinly banded, many siliceous (cream) bands - metamorphic grade, schistosity, etc. is dramatically reduced - metamorphic grade increases downhole @ 279 (85.04): So = 55° to c.a. @ 280-281 (85.34-85.65): 3 cm thick quartz-chlorite boudinaged vein - irregular, but roughly conformable to So

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
DG 39	266.5	276	9.5	2.0		81.99	83.52	1.14	75%
						83.52	84.12	.55	92%
						84.12	85.34	1.20	98%
						85.34	86.87	1.45	95%
64575	280	281	1'	2.0					

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 3	5 of 22

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 280-086 (85.34-87.17): quartz-chlorite veining and stringers throughout
		@ 283 (86.26): 1 cm thick quartz-chlorite ± hematite vein (0-5° to c.a.)
		So = 32° to c.a.
		S_1 = 45° to c.a. N
		@ 284-290 (85.56-88.39): core fractured, broken, recovery 50%
		@ 286286.5 (87.17-87.33): fault gouge (upper contact = 65° to c.a.)
		@ 288 (87.78): So = 33° to c.a.
		S_1 = 15° to c.a. N
		Unit D5; weakly banded variably phyllitic SILTSTONE
		- core is broken, heavily fractured throughout
		- banding has been weakened through recrystallization
		- quartz chlorite veining and pinkish quartz-feldspathic fracture fills throughout
		- significant uranium - mineralization @ 291-291.5 (88.70-88,85)
		@ 291-291.5 (88.70-88.85): uranium mineralized quartz ± feldspathic - chlorite ± hematite ± Brannerite (?) vein
		upper contact = 40° to c.a.
		lower contact = 40° to c.a.

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm	ASSAYS $\%U_3O_8$	RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
64576	281	282	1'	0.5		86.87	88.39	1.0	66%
64577	282	283	1'	0.5					
64578	283	284	1'	3.0					
64579	284	285	1'	2.0					
64580	295	285.5	0.5'	0.5					
64581	285.5	286.5	1'	4.0					
64583	287.5	288.5	1'	2.0					
DG 40	290	298.5	8.5'	3.0		88.39	89.92	.90	59%
64584	290	290.5	0.5'	8.0		89.92	90.83	1.00	100%+
64585	290.5	291	0.5'		0.063	90.83	92.35	1.45	95%
64586	291	292	1'	7.0					
64587	292.0	292.6	0.6'	4.5					
64588	292.6	293.3	0.7'	2.0					

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 3	16 of 22

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 294-295 (89.61-89.92): Chips, gouge; quartz-chlorite veining (continues on to 296' (90.22), but with better core recovery)
		@ 296-298 (90.22-90.83): So ranges from 0-50°, minor gouge and brecciation
		@ 298 (90.83): So = 48° to c.a.
298.5 (90.98)	305 (92.96)	Unit D-99A; Quartz-Chlorite Veining
		- minor siltstone country rock contained herein this unit
		- upper contact 40° to c.a.
		- gouge @ 302-302.5 (92.05-92.20 m)
		- lower contact gouged, brecciated, slickensided
		- lower contact = 75° to c.a.
305 (92.96)	311 (94.79)	Unit D-5 Weakly Banded Phyllitic SILTSTONE
		- as 290-298.5'/88.39-90.98 m
		- medium grey-green
		- broken core; frequent gouge, quartz veinlets; recovery 50%
		@ 307 (93.57): So = 45° to c.a.
		@ 308-311 (93.88-94.79): Fault zone, gouge, quartz veining, sericite, etc. : recovery = 30%
311 (94.79)	325 (99.06)	Unit D-9 Chloritic, banded cream and

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
DG 41	298.5	305	6.5	4.0		92.35	93.57	.93	76%
						93.57	94.79	.60	49%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 3	17 of 22

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	green Schistose/Phyllitic SILTSTONE
		- as 228-253'/69.49-77.11 m; recovered schistosity again
		@ 312 (95.10): So = 5° to c.a.
		S_1 = 40° to c.a. N
		@ 313-313.5 (95.40-95.55): FAULT GOUGE along S_1 plane
		@ 316 (96.32): So = 25° to c.a.
		S_1 = 45° to c.a. N
		@ 316-319 (96.32-97.23): FAULT ZONE - Broken core, Fault gouge
		@ 320 (97.54): So = 57° to c.a.
		Recovery 60%
		S_1 = 38° to c.a. N
		@ 321-325 (97.84-99.06): broken core, rubble, fault gouge
		@ 324.5-325 (98.91-99.06): Quartz-chlorite veining
325 (99.06)	333 (101.50)	Unit D-9D Chloritic, Tricolour Banded, Schistose/Phyllitic SILTSTONE
		- light grey, dark and green bands
		- not much difference from preceeding unit
		- quartz-chlorite veining throughout, weaker banding
		@ 327 (99.67): So = 70° to c.a.
		S_1 = 25° to c.a. N
		@ 331 (100.89): So = 62° to c.a.
		S_1 = 50° to c.a.

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	RECOVERY To	RECOVERY Rec.M	RECOVERY %
DG 42	311	325	14'	1.5		94.79	95.71	.80	88%
						95.71	97.23	1.20	79%
						97.23	98.15	.90	98%
						98.15	99.06	.70	77%
DG 43	325	333	8'	3.0		99.06	100.89	1.50	82%
						100.89	102.26	.88	64%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 3	18 of 22

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
333 (101.50)	347 (105.77)	Unit D-9; Chloritic, Banded Cream and Green, Phyllitic/Schistose SILTSTONE - as 311-325'/94.79-99.06 m. - medium grey-green - minor quartz veining and pinkish quartz-feldspathic fracture fills @ 326 (102.41): So = 21° to c.a. S_1 = 35° to c.a. N @ 340-341 (103.63-103.94): broken core @ 342 (104.24): So = 25° to c.a. Note: metamorphic grade decreasing @ 346 (105.46): So = 27° to c.a.
347 (105.77)	351 (106.48)	Unit D-5 Variably phyllitic, cream and green banded siltstone - not very phyllitic or metamorphosed, light green @ 350 (106.68): So = 25° to c.a.
351 (106.98)	353 (107.59)	Unit D-99B; Bull Quartz-Chlorite-Hematite Veining - broken, fracture core - core recovery 60%
353 (107.59)	355.5 (108.36)	Unit D-5: Variably phyllitic, cream and green phyllitic SILTSTONE

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						102.26	103.94	1.58	94%
						103.94	105.16	.83	68%
						105.16	106.68	1.50	99%
						106.68	108.20	1.33	88%
						108.20	109.73	1.25	82%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 3	19 of 22

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
		- abundant fracturing filled with pink quartz-feldspathic material, minor folding
		@ 355 (108.20 m) So = 48° to c.a.
355.5	358.5	
(108.36)	(109.27)	Unit D-99B Bull Quartz-Chlorite-Hematite Veining
		- broken core throughout
		- irregular contacts
358.5	367	
(109.27)	(111.86)	Unit D-10: Weakly banded, Intensely Fractured/Folded, Phyllitic ± Schistose SILTSTONE
		- unit characterized by the often vuggy, pinkish, quartz-feldspathic veining and stringers
		- medium green-grey, fairly well developed S_1
		- core mainly intact, excellent recovery
		@ 359 (109.42): So = 52° to c.a.
		S_1 = 20° to c.a. N
		@ 365 (111.25): So = 72° to c.a.
		S_1 = 30° to c.a. N
367	375	
(111.86)	(114.30)	Unit D-9: Chloritic, Cream and Green, Banded, Phyllitic/Schistose SILTSTONE

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
DG 44	355.5	358.5	3	1.5					
DG 45	358.5	367	8.5	2.0		109.73	111.25	1.64	100%+
						111.25	112.78	1.65	100%+
						112.78	114.00	1.00	82%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 3	20 of 22

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd	- minor folding and crenulations - medium green-grey, thinly banded - less fracturing, minor pinkish quartzo-feldspathic fracture fills - generally very good core recovery @ 368 (112.16): So = 68° to c.a. S1 = 32° to c.a. S (Same direction as So) @ 372 (113.39): So = 82° to c.a. S1 = 30° to c.a. NW (??) @ 373.2 (113.75): Fault Gouge @ 373.2-374.2 (113.75-114.06): Broken core, rubble and chips @ 374.7 (114.21): So = 74° to c.a. S1 = 7° to c.a. N
375	377.3	
~~(114.30)~~	~~(115)~~	Unit D-9A: Weakly Banded, Chloritic, Phyllitic/ Schistose SILTSTONE - medium green-grey, very good recovery - good schistosity, minor vugs and pinkish quartzo-feldspathic fracture fills @ 377 (114.91): So = 75° to c.a. S1 = 25° to c.a. N
377.3	389.5	
(115)	(118.72)	Unit D-10: Weakly Banded, Intensely Fractured, Chloritic, Phyllitic/ Schistose SILTSTONE

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						114.00	115.67	1.75	100%+
DG 46	377.3	389.5	12.2'	1.5		115.67	117.04	1.55	100%+
						117.04	118.87	1.62	89%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 3	21 of 22

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	- core from 382-389.5'/116.43-118.72 m. is heavily gouged and tectonically brecciated
		@ 380 (115.82): So = 60° to c.a.
		S_1 = 20° to c.a. N
		@ 382.2-383.6 (116.49-116.92): area of fault gouge
		@ 384.5 (117.2): So = 27° to c.a.
		S_1 unavailable due to broken core
		@ 384.8 (117.29): So = 62° to c.a.
		S_1 = 10° to c.a. N
		@ 385.5-389.5 (117.5-118.72): Zone of discontinuous fault gouge
		@387.5 (118.11): So = 56° to c.a.
		S_1 - 25° to c.a. N
		@ 387.8-389.5 (118.20-118.72): Zone of continuous gouge
389.5 (118.72)	408 (124.36)	Unit D-8A; Weakly banded, chloritic, hematitic, phyllitic/Schistose SILTSTONE
		- hematite occurs infrequently as fine grained, disseminated in bands
		- core mainly intact
		@ 391 (119.18): So = 63° to c.a.
		S_1 = 43° to c.a. N
		@ 395 (120.4): So = 48° to c.a.
		S_1 = 47° to c.a. N
		@ 395.1-395.5 (120.43-120.55): Gouge, core bleached

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
DG47	389,5	408	18.5'	1.0		118.87	120.09	1.20	98%
						120.09	121.31	1.33	100%+
						121.31	122.83	1.47	97%
						122.83	124.36	1.57	100%+

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 3	22 of 22

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 397.3 (121.1): 1 cm thick fault gouge conformable to S_1
		@ 398.8 (121.55): So = 72° to c.a.
		S_1 = 28° to c.a. S
		(Direction = So)
		@ 401.5 (122.38): 7 cm. thick zone of quartz stringers
		@ 402.3 (122.62): So = 28° to c.a.
		S_1 = 38° to c.a. N
		Folded zone.
		@ 407.5 *124.21) So = 77° to c.a.
		S_1 = 50° to c.a. N
		@ 408'/124.36 m END OF HOLE

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%

DRILL HOLE LOG

LOCATION:	Deer Kiwi Lake, Yukon
AZIM:	020°
ELEV:	4040' A.S.L.
DIP:	-65°
LENGTH:	256' (78.03m)
CORE SIZE:	HQ
STARTED:	21/8/78
COMPLETED:	26/8/78
PURPOSE:	
CORE RECOVERY:	63% 49.45m

HOLE No. DDH 78 D 2

PAGE NO.

PROPERTY: Deer

CLAIM NO: Deer 22

SECTION: First setup local

LOGGED BY: M. Stammers

DATE LOGGED: September, 1978

DRILLING CO: E. Caron

ASSAYED BY: Chemex Labs, N. Vancouver, B.C.

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
		SUMMARY LOG
0	2.74	Sluff and Overburden
2.74	3.05	2 Upper nonmetamorphic series
3.05	4.88	1 UNM
4.88	7.92	1 UNM
7.92	10.67	3A UNM
10.67	21.34	3 UNM
21.34	26.67	99B Quartz veining
26.67	28.35	4 Lower nonmetamorphic series
28.35	28.96	99A Quartz veining
28.96	29.78	4 Lower nonmetamorphic series
29.78	30.02	99B Quartz veining
30.02	46.02	5 Upper metamorphic series
46.02	57.91	7 UM
57.91	78.03	8 Lower metamorphic series
78.03 = end of hole		

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%

DRILL HOLE LOG

LOCATION:	Deer Kiwi Lake, Yukon
AZIM:	020°
DIP:	-65°
ELEV:	4040' A.S.L.
LENGTH:	256' (78.03m)
CORE SIZE:	HQ
STARTED:	21/8/78
COMPLETED:	26/8/78
PURPOSE:	
CORE RECOVERY:	63% 49.45m

HOLE No. DDH 78 D 2

PROPERTY: Deer

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

CLAIM NO:	Deer 22
SECTION:	First setup local
LOGGED BY:	M. Stammers
DATE LOGGED:	September, 1978
DRILLING CO:	E. Caron
ASSAYED BY:	Chemex Labs, N. Vancouver, B.C.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
~~0 (0)~~	~~9 (2.74)~~	Overburden, rubble, etc
9(2.74)	10(3.05)	Banded SILTSTONE - medium green and purple-brown banding - minor quartz chlorite veinlets - very fine bands of hematite @ 9.5 (2.90) So = 85° to c.a.
10(3.05)	16(4.88)	Unit D-1 "Bleached", banded SILTSTONE - light green and cream bands - vuggy with quartzo-feldspathic veining @ 10.5-11.5 (3.20-3.51): broken core @ 12.5 (3.81): So = 74° to c.a. @ 12.5-16 (3.81-4.88): broken and rubbly core, core recovery ≈60% @ 16 (4.88): 3 cm wide quartz ± feldspar-chlorite-hematite vein appearing roughly ⊥ to c.a. and non-conformable to bedding
16(4.88)	26(7.92)	Unit D-2: Banded SILTSTONE (as 9-10'/ 2.74-3.05m) @ 18-20 (5.49-6.10): host core, recovery ~10%, cave zone @ 20 (6.10): So = 73° to c.a. @ 22-24 (6.71-7.32): broken and some rubbly core; recovery ~50% @ 24 (7.32): So = 68° to c.a. @ 25.5 (7.77): So = 65° to c.a.
26' (7.92m)	35' (10.67m)	Unit D-3A: very weakly banded, "crackled" SILTSTONE

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						0	2.44	.30	12%
						2.44	3.05	.30	49%
DG 16	10	16	6	2.0		3.05	3.66	.49	80%
						3.66	4.57	.61	67%
						4.57	5.49	.76	83%
DG 17	16	26	10	1.5		5.49	6.10	.09	15%
						6.10	6.70	.61	100%+
						6.70	7.32	.49	79%
						7.32	8.23	.30	49%
						8.23	8.84	.61	100%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 2	2 of 9

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	- equivalent to DDH 78 D 1 lithology @ 30' (9.14m)
		- medium greenish-grey, hematite-rich
		- moderately fractured and (hematite) speckled appearance
		- hematite filling hairline fractures
		@ 26.0-26.5 (7.92-8.08m); rubbly broken ore
		@ 28 (8.53): So = 73° to c.a.
		@ 29-35 (8.84-10.67m): rubbly and broken ore, recovery ≅25%
		@ 34 (10.36): So = 70° to c.a.
35 (10.67)	70 (21.34)	Unit D-3: Poorly Banded SILTSTONE
		- as above lithology, but improved banding
		- no "crackled" appearance; a touch lighter in colour
		- light-to-medium green-grey
		- abundant broken core
		- phyllitic partings developing
		@ 37' (11.28m): So = 68° to c.a.
		@ 37.5-48 (11.43-14.63m): Poor recovery of ~35%
		broken and some blocky core
		@ 43 (13.11m): So = 76° to c.a.
		@ 48 (14.63m): So = 70° to c.a.
		@ 48.5-51 (14.78-15.54): recovery of core ≅60%; broken, blocky core
		@ 51.5 (15.70): So = 76° to c.a.

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						8.84	9.45	.30	49%
						9.45	10.67	.38	31%
DG 18	35	70	35	2.5		10.67	11.28	.40	66%
						11.28	11.58	.30	100%
						11.58	12.50	.30	33%
						12.50	13.26	.30	39%
						13.26	13.72	.24	52%
						13.72	14.33	.46	75%
						14.33	14.78	.30	67%
						14.78	15.24	.37	80%
						15.24	15.54	.24	80%
						15.54	15.84	.46	100%+
						15.84	16.46	.61	98%
						16.46	17.07	.37	61%
						17.07	17.68	.58	95%

DRILL HOLE LOG

HOLE No.	DDH 78 D 2
PAGE NO.	3 of 9

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
		@ 55 (16.76): So = 73° to c.a.
		@ 57 (17.37): 1.5 cm wide quartz-chlorite vein, broken core
		@ 57-69 (17.37-21.03): core is broken with surprisingly poor recovery of ≃50%; more phyllitic partings
		@ 58 (17.68 m): So = 72° to c.a.
		@ 63 (19.20): So = 68° to c.a.; fracture 090,45° to c.a.
		@ 68 (20.73): So = 70° to c.a.
70 (21.34)	87.5 (26.67m)	Unit D-99B: BULL QUARTZ-CHLORITE VEINING/FAULT ZONE
		- some siltstones in this section
		- minor hematite in veins with quartz and chlorite
		- total core recovery ≤20%; no attitudes available
87.5 (26.67m)	93 (28.35)	Unit D-4: Banded, medium green-grey and cream SILTSTONE
		- weak to non-phyllitic partings
		@ 88 (26.82): So = 10° to c.a.
		@ 93 (28.35): So = 10° to c.a.
93 (28.35)	95 (28.96)	Unit D-99A: BULL QUARTZ-CHLORITE VEINING
		- recovery ≤30%
		- suspect minor hematite
		- shows signs of being roughly conformable to bedding

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						17.68	18.29	.30	49%
						18.29	18.90	.37	61%
						18.90	20.42	.67	44%
						20.42	21.03	.37	61%
DG 19	70	87.5	17.5	1.0		21.03	22.55	.64	42%
64552	70	75	sludge	3.0		22.55	24.08	.15	10%
64553	75	80	sludge	2.0					
64554	80	85	sludge	2.0					
DG 20	87.5	93	5.5	2.0		24.08	25.60	.40	26%
64555	85	90	sludge	1.5		25.60	26.82	.70	57%
64556	90	95	sludge	1.5		26.82	27.74	.85	92%
						27.74	28.65	.70	77%
64557	95	100	sludge	2.0		28.65	29.56	.64	70%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 2	4 of 9

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

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DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
95	97.7	
(28.96)	(29.78)	Unit D-4: Banded SILTSTONE (as 87.5'93'/ 26.67-28.35m)
		- broken core; colour to medium-to-dark greenish-grey
		@ 97' (29.57): So = 15° to c.a.
97.7	98.5	
(29.78)	(30.02)	Unit D-99B: BULL QUARTZ-CHLORITE-HEMATITE VEINING
		- broken core, no contacts available
98.5	151	
(30.02)	(46.02)	Unit D-5: Variably PHYLLITIC SILTSTONE
		- banded; variable shades of green-grey as specified below
		- note minor folding in zones as indicated
		- increasing metamorphic grade downhole
		- variably chloritic
		@ 98.5-101 (30.02-30.78): broken core with ~65% recovery
		@ 98.5-112 (30.02-34.14): medium-to-dark green-grey, chlorite-rich
		@ 99 (30.18m): So = 20° to c.a.
		@ 101-105 (30.78-32.00): abundant small scale folding
		increase in chlorite and hematite
		@ 103 (31.39): So = 15° to c.a.;
		S_1 = 55° to c.a. (to N)
		@ 106-113 (32.31-34.44): fractured, broken core, recovery ~70%

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						29.56	30.17	.70	100%+
DG 21	120	140	20	1.5		30.17	30.78	.38	62%
						30.78	31.39	.46	75%
						31.39	32.31	.85	92%
						32.31	32.92	.46	75%
						32.92	33.83	.61	67%
						33.83	34.14	.18	58%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 2	5 of 9

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 107 (32.61m): So - 35° to c.a.
		@ 111' (33.83): So = 35° to c.a.
		@ 112-118 (34.14-35.97): light-to-medium green-grey colour
		tricolor banding: green, grey and cream
		@ 116 (35.36): So = 43° to c.a.
		@ 117-118 (35.66-35.97): fractured, broken core with minute quartz-chlorite-hematite veinlets.
		@ 118-130 (35.97-39.62): medium-green-grey; banding is weaker
		@ 119 (36.27): So = 43° to c.a.
		@ 122.5 (37.34): So = 47° to c.a.
		@ 123-129 (37.49-39.32): FAULT ZONE, recovery ≅5%
		@ 128.5-129 (39.17-39.32): Bull quartz-chlorite-sericite veining
		@ 129.5 (39.47): So - 42° to c.a.
		@ 130-132 (39.62-40.23): dark green-grey; chlorite-rich zone
		@ 132-146.5 (40.23-44.65): light green-grey, weakly banded
		@ 133 (40.54): So = 45° to c.a. also a conformable, 1 cm thick quartz-chlorite vein
		@ 136 (41.45): So = 35° to c.a.
		@ 136.5-140 (41.6.-42.67): fractured core, recovery ~65%
		@ 141 (42.98): So = 54° to c.a. fracture = ≈140°, 25° N to c.a.

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						34.14	35.05	.61	67%
						35.05	35.97	.91	99%
						~~35.97~~	~~36.28~~	.70	100%+
						36.28	37.49	.46	38%
						37.49	38.71	.03	2%
						38.71	39.32	.12	20%
						39.32	39.92	.55	92%
						39.92	40.84	.91	99%
						40.84	42.37	1.22	80%
						42.37	43.59	1.07	88%
						43.59	44.81	1.07	88%
						44.81	46.02	1.07	88%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 2	6 of 9

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

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DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 146 (44.50): So = 36° to c.a.
		@ 146.5-147 (44.65-44.81): dark green-grey chlorite-rich
		@ 147-151 (44.81-46.02): medium green-grey
		@ 149-151 (45.42-46.02): broken, fractured core
		@ 150 (45.72): So = 28° to c.a.
151	190	
(46.02)	(57.91)	Unit D-7: HEMATITIC PHYLLITIC SILTSTONE
		- light to medium green-grey
		- fair banding, chloritic
		- medium grain, "porphyroblastic" hematite in bands
		- good phyllitic partings
		- S_1 weak from 175-196'/53.34-57.91m
		@ 155 (47.24): So = 42° to c.a.
		@ 155.5 -161 (47.40-49.07): core in chips; recovery 15%
		@ 161-166 (49.07-50.60): core in chips, broken; recovery 10%
		@ 161 (49.07): So = 48° to c.a.
		@ 164 (49.99): So = 20° to c.a.
		@ 166-172 (50.60-52.43): Core in chips, broken; recovery 20%
		@ 171 (52.12): So = 20° to c.a.
		@ 171 (52.12): 3 cm thick quartz-chlorite-hematite vein in rubble
		@ 172-173.3 (52.43-52.82): broken, chippy core; recovery 50%

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
DG 22	151	170	19'	1.5		46.02	47.24	1.07	88%
						47.24	49.07	0.58	32%
						49.07	50.60	0.40	26%
						50.60	52.12	.40	26%
						52.12	52.43	.15	48%
						52.43	52.73	.15	50%
						52.73	53.34	.70	100%+
						53.34	54.25	.69	76%
						54.25	54.86	.30	48%
						54.86	56.39	1.01	66%
						56.39	57.00	.24	39%
						57.00	58.22	1.22	100%
						58.22	59.44	.91	75%

DRILL HOLE LOG

HOLE No.	DDH 78 D 2
PAGE NO.	7 of 9

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

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DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 174.5 (53.19): So = 25° to c.a.
		@ 175-179 (53.34-54.56): dark green-grey, chlorite-rich; quartz stringers
		@ 175-190 (53.34-57.91): an increase in schistosity, S_1 plane
		@ 175-180 (53.34-54.86): variably fractured, core recovered ~50%
		@ 178 (54.25): So = 18° to c.a.
		@ 181 (55.17): So = 3° to c.a.
		@ 185 (56.39): So = 4° to c.a.
		@ 185-187 (56.39-57.00): broken core; recovery ≈30%
		@ 190 (57.91): So = 0° to c.a. (11 to c.a.)
		S_1 - 75° to c.a.
190	256	
(57.91)	(78.03)	Unit D-9: HEMATITIC, SCHISTOSE/ PHYLLITIC SILTSTONE
		- mainly medium grey-green
		- So, S_1 visible structurally; core moderately fractured
		- chlorite, sericite development apparent along S_1 plane
		@ 192.5 (58.67): So = 3° to c.a.
		S_1 = 63° to c.a.
		@ 193-196 (58.83-59.74): broken core
		@ 195-196.5 (59.44-59.89): slickensides along So
		@ 196 (59.74): So = 15° to c.a.
		S_1 = 61° to c.a.

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						59.44	60.05	.61	100%
						60.05	61.26	.67	55%
						61.26	62.79	.91	59%
						62.79	64.31	1.01	66%
						64.31	65.23	.91	99%
						65.23	66.14	.61	67%
						66.14	66.75	.61	100%
						66.75	67.36	.46	75%
						67.36	68.58	1.01	83%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 2	8 of 9

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

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COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

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FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont;d,	@ 200 (60.96): So = 15° to c.a.
		S_1 = 48° to c.a.
		@ 202 (61.57): So = 32° to c.a.
		S_1 = 54° to c.a.
		@ 201-206 (61.26-62.79): recovery 60%
		@ 205-206 (62.48-62.79): fault gouge; broken, blocky core
		@ 207.5-209 (63.25-63.70): broken core and fault gouge
		@ 206 (62.79): So = 55° to c.a.
		S_1 = 42° to c.a.
		@ 211 (64.31): So = 63° to c.a.
		S_1 = 35° to c.a.
		@ 213-214 (64.92-65.23): FAULT gouge, slickensides
		@ 215 (65.53): So = 60° to c.a.
		S_1 = 30° to c.a.
		Quartz chlorite veinlet: 050,30° NW
		@ 219 (66.75): So = 53° to c.a.
		S_1 = 40° to c.a.
		@ 222-223.5 (67.67-68.12): broken core, minor gouge, 40% recovery
		@ 225 (68.58): So = 60° to c.a.
		S_1 = 30° to c.a.
		@ 226.5-233.5' (69.04-71.17m): broken core, minor gouge, 40% recovery
		@ 229 (69.80): So = 65° to c.a.
		S_1 = 35° to c.a.
		@ 232.7-233.2 (70.93-71.08): quartz-chlorite-hematite veining
		heavily fractured; many veins, not one

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
DG 23	200	220	20	1.5					
						68.58	69.49	.76	84%
						69.49	71.02	.49	32%
						71.02	71.93	1.01	100%+
						71.93	72.85	.30	33%
						72.85	74.07	.91	75%

DRILL HOLE LOG

HOLE No.	PAGE NO.
DDH 78 D 2	9 of 9

LOCATION:

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DIP: LENGTH:

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PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

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FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
	cont'd.	@ 233.6 (71.20): So = 50° to c.a.
		S_1 = 35° to c.a.
		@ 236.3 (72.02): So = 75° to c.a.
		S_1 = 18° to c.a.
		@ 236-239 (71.93-72.85): FAULT ZONE,
		gouge and poor recovery 30%
		@ 241 (73.46): So = 75° to c.a.
		S_1 = 20° to c.a.
		@ 245 (74.68): So = 75° to c.a.
		S_1 = 30° to c.a.
		minor vugs and quarts veining
		@ 250 (76.20): So = 70° to c.a.
		S_1 = 30° to c.a.
		@ 255 (77.72): So = 60° to c.a.
		S_1 = 50° to c.a.
		256 (78.03) End of Hole

SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS U ppm		RECOVERY From	To	Rec.M	%
						74.07	74.98	.76	84%
						74.98	76.50	.91	60%
						76.50	77.11	.30	49%
						77.11	77.42	.46	100%+
DG 24	240	256	16	3.0					