

Area Henry Lake	Latitude L. 0+25 S	Bearing 140°	Date Started March 27, 1984	Hole No. 84-4
Contractor MIDWEST	Departure 0+70 W	Inclination @ collar -45°	Date Completed March 28, 1984	Logged by T. Millinoff
Core Size BQ	Elevation 389 metres	Inclination @ 80 m, -42½°	Total Length 80 metres	Sheet 1 of 4
		Inclination @ _____ m, _____		

FROM	TO	INTERVAL	GEOLOGICAL DESCRIPTION	% REC.	SAMPLE NO.	FROM	TO	LENGTH	ANALYSES				
									Au ppb	Ag ppb	Cu ppm	Zn ppm	
			Foliations and bands are perpendicular to c.a. unless otherwise specified. Recovery is generally very poor; rock is generally fractured and weathered, with ground core due to fracturing and weathered rock.										
0.0	3.83	3.83	CASING (through organic material, till, boulders?)										
3.83	23.00	19.17	Hb-Bt-Qtz GNEISS, dark green, vfg to aphanitic, heavily iron stained	100	3739	3.83	4.0	0.17	10	20			
				80	3740	4.0	5.0	1.0	6	10			
				46	3741	5.0	6.0	1.0	6	10			
		6.4-7.41	gneiss silicified, pink potassic alteration along	80	3742	6.0	7.0	1.0	8	10			
			minor fractures	80	3743	7.0	8.0	1.0	46	300	86	153	
		7.41-7.5	Hb-Bt-Qtz-Garnet Gneiss, dk.green, purple-pink garnets; 2-3% fg diss Py, 1 mm Py stringers										
		7.5-7.65	as above, brecciated; Py frac fillings to 30%										
		7.65-8.0	Hb-Bt-Garnet Gneiss, 2-3% fg diss anhedral to										
			euhedral Py, 1 mm to 2 cm Qtz bands parallel to	80	3744	8.0	9.0	1.0	14	10			
			fol. and @ 90° to c.a.; minor 1-2 mm carb stringers	85	3745	9.0	10.0	1.0	56	10			
		8.0-11.0	Hb-Bt-Garnet Gneiss, 1-2% fg diss Py, Qtz bands	90	3746	10.0	11.0	1.0	22	20			
		11.0-14.0	as above, 3% fg diss Py	90	3747	11.0	12.0	1.0	8	30			
				90	3748	12.0	13.0	1.0	44	20			
				90	3749	13.0	14.0	1.0	4	10			
		14.0-15.0	as above, 5% fg diss Py	90	3750	14.0	15.0	1.0	6	80			
		15.0-16.0	as above, 3% fg diss Py, minor brecciation	90	3751	15.0	16.0	1.0	6	20			

FROM	TO	INTERVAL	GEOLOGICAL DESCRIPTION	% REC.	SAMPLE NO.	FROM	TO	LENGTH	ANALYSES			
									Au ppb	Ag ppb	Cu ppm	Zn ppm
			35.0-36.0 as above, carb frac filling	80	3771	35.0	36.0	1.0	4	10		
			36.0-37.3 as above, " " " and 15% chlorite	90	3772	36.0	37.0	1.0	8	10		
37.30	37.75	0.45	Hb-Bt-Quartzofeldspathic GNEISS, vfg, pale greyish-pink	90	3773	37.0	38.0	1.0	2	10		
37.75	45.00	7.25	Hb-Bt-Garnet GNEISS									
			38.0-39.0 frac @ 30° to c.a. with 3-4 cm carb frac filling	90	3774	38.0	39.0	1.0	4	10		
			39.0-40.0 10 cm intervals of pale grey Hb-Bt-Qtzofelds Gneiss	95	3775	39.0	40.0	1.0	<2	10		
			40.0-42.0 <1% fg diss Py	95	3776	40.0	41.0	1.0	2	10		
				95	3777	41.0	42.0	1.0	6	30		
			42.0-43.0 3-5% fg diss Py	95	3778	42.0	43.0	1.0	28	100		
			43.0-44.0 <1% fg diss Py	95	3779	43.0	44.0	1.0	32	80		
			44.22-44.24 3-5% fg diss Py and qtz vein band with 1-2% fg diss Py		sludge	44.0	47.0	3.0	2960	630		
			44.6-44.69 qtz vein band with 5% diss vfg blebs & stringers Py	95	3780	44.0	45.0	1.0	1500	280	88	51
45.00	49.00	4.00	Hb-Bt GNEISS, silicified and potassic alteration	95	3781	45.0	46.0	1.0	32	50	39	40
				95	3782	46.0	47.0	1.0	10	40	12	41
				95	3783	47.0	48.0	1.0	12	20	19	43
			48.5-49.0 with 10-15% chlorite	100	3784	48.0	49.0	1.0	102	30	30	48
49.00	60.58	11.58	Hb-Bt-Chlorite GNEISS, approx 3% vfg diss Py, Py stringers and		sludge	47.0	50.0	3.0	606	280		
			blebs parallel to fol.; pale greenish-grey to black, v.vfg.	100	3785	49.0	50.0	1.0	16	20	22	54
			50.2-50.32 5% Py as fg blebs and stringers	90	3786	50.0	51.0	1.0	322	1140	470	1300
			50.33-50.65 shear @ 30° to c.a. coated with Py and carb		sludge	50.0	53.0	3.0	86	270		
			51.0-52.0 minor carb stringers (pink calcite)	100	3787	51.0	52.0	1.0	28	260		
			52.6-52.68 qtz vein band, tr Py	100	3788	52.0	53.0	1.0	6	90		
			53.0-54.0 5% actinolite	100	3789	53.0	54.0	1.0	12	60		
			54.0-55.0 minor 0.5 - 0.8 cm qtz bands parallel to fol	100	3790	54.0	55.0	1.0	6	20		
			55.0-56.0 as above, with potassic alteration	100	3791	55.0	56.0	1.0	2	10		
			56.0-58.0 as above, with 1% fg diss Py	100	3792	56.0	57.0	1.0	2	60		
				100	3793	57.0	58.0	1.0	6	90		

DIAMOND DRILL LOG

FROM	TO	INTERVAL	GEOLOGICAL DESCRIPTION	% REC.	SAMPLE NO.	FROM	TO	LENGTH	ANALYSES			
									Au ppb	Ag ppb		
			58.0-59.0 as above, tr Po	100	3794	58.0	59.0	1.0	8	40		
			59.0-60.0 2% Py (vfg, diss) and tr Po	100	3795	59.0	60.0	1.0	16	40		
60.58	60.85	0.27	Hb-Bt-Chlorite Gneiss BRECCIA, 8% Py, 2% Po as frac filling									
60.85	62.00	1.15	Hb-Bt-Chlorite GNEISS, 20% chlorite, 2% vfg diss Py, tr Po; minor	100	3796	60.0	61.0	1.0	14	150		
			potassic alteration; 2-3% carb bands to 1 cm; 2-3% qtz bands to	100	3797	61.0	62.0	1.0	20	30		
			1 cm; plag content increases towards 62m									
62.00	63.00	1.00	Hb-Bt-Chlorite-Quartzofeldspathic GNEISS, pale grey and green with									
			alternating gneiss bands of white plag-rich gneiss fg and Hb-Bt-	100	3798	62.0	63.0	1.0	4	50		
			Chlorite, green, vfg material; approx 3% v.vfg diss magnetite									
63.00	64.00	1.00	Transitional Contact to:	100	3799	63.0	64.0	1.0	12	70		
64.00	71.00	7.00	Quartzofeldspathic-Bt-Chlorite GNEISS, mg; qtz and feldspar 60-70%,	100	3800	64.0	65.0	1.0	6	60		
			3% v.vfg diss magnetite pale grey with green bands	100	3801	65.0	66.0	1.0	12	100		
				100	3802	66.0	67.0	1.0	8	70		
				100	3803	67.0	68.0	1.0	2	70		
			68.0-71.0 with 5-15% euhedral 3-4 mm garnets; pale brown to	100	3804	68.0	69.0	1.0	8	90		
			black Bt; green vfg chlorite (approx 10%), 2-3%	100	3805	69.0	70.0	1.0	4	80		
			vfg magnetite	100	3806	70.0	71.0	1.0	4	90		
			by 69.3 garnet content decr to 1%; qtz content incr to 40%									
			and is much finer grained.									
			by 71.0 chlorite decr to nil									
71.00	80.00	9.00	Quartzofeldspathic-Biotite GNEISS, pale grey with black biotite,	100	3807	71.0	72.0	1.0	4	50		
			fg to mg with some silicification, minor potassic alteration,	100	3808	72.0	73.0	1.0	8	40		
			minor carb frac fillings, minor (1%) actinolite, 2% vfg diss	100	3809	73.0	74.0	1.0	12	90		
			magnetite.	100	3810	74.0	75.0	1.0	4	50		
				100	3811	75.0	76.0	1.0	4	60		
				100	3812	76.0	78.0	2.0	6	50		
				100	3813	78.0	80.0	2.0	2	40		