TABLE 5 - Analyses of diamond drill cores

Diamond Drill Hole 32

Footage From-	Footage To-	Sample Interval Feet	Core Assay, % Mn	Core Assay, % Fe	Combined Core and Sludge Assay, % Mn	Combined Core and Sludge Assay, % Fe	Remarks and Lithology (See Explanation, Fig. 3)
0.0	9.0						Overburden
9.0	150.0						Gray-green slate
150.0	159.0	9.0	0.43	6.14			Bottom of gray-green slate @ 159.0 ft.
159.0	160.0	1.0	.40	11.16			
160.0	170.0	10.0	.48	5.82			Manganiferous
170.0	180.0	10.0	.56	5.42			
180.0	190.0	10.0	.41	4.85			purple
190.0	200.0	10.0	2.72	9.70			
200.0	210.0	10.0	2.68	8.89			and
210.0	220.0	10.0	1.00	5.98			
220.0	230.0	10.0	2.51	12.94			red
230.0	240.0	10.0	2.28	11.15	2.41	14.17	
240.0	250.0	10.0	2.40	7.19			slate
Total		100.0			1.56	8.16	Core recovery - 95.6%
250.0	260.0	10.0	12.68	11.96			
260.0	270.0	10.0	9.16	17.30			Manganiferous purple and
270.0	280.0	10.0	11.92	24.09			
280.0	290.0	10.0	10.84	21.83	8.71	19.14	red slate
290.0	300.0	10.0	3.96	15.52	5.50	19.91	
300.0	312.0	12.0	9.20	13.02			Top of manganiferous banded
312.0	317.5	5.5	1.84	10.10			hematite @ 317.5 ft.
317.5	330.0	12.5	7.80	21.34			
330.0	335.6	5.6	8.00	29.11			
335.6	350.0	14.4	13.68	27.49	13.42	26.04	Manganiferous banded hematite
350.0	355.7	5.7	11.44	29.43			
355.7	360.0	4.3	10.12	36.87			
360.0	365.0	5.0	19.16	17.14			Recrystallized magnetite-chlorite rock @ 355.7'-382.0'
365.0	370.0	5.0	13.32	29.91			
370.0	379.5	9.5	11.16	27.49			
379.5	382.0	2.5	10.08	31.69			
382.0	390.0	8.0	9.12	25.98			
390.0	400.0	10.0	11.48	24.38			Bottom of manganiferous banded hematite @ 410.0 ft.
400.0	410.0	10.0	10.48	26.63			
Total		160.0			10.19	22.26	Core recovery - 81.5%
410.0	420.0	10.0	4.52	23.01	5.75	24.48	Manganiferous interbedded hematitic and green slate
420.0	430.0	10.0	4.44	27.19			
430.0	440.0	10.0	5.32	26.39	5.22	27.42	
Total		30.0			5.14	26.46	Core recovery - 67.0%
440.0	449.0	9.0	4.80	28.56	4.39	21.23	Top of green slate @ 449.0 ft.
449.0	460.0	11.0	.60	8.04	2.17	13.72	
460.0	470.0	10.0	1.92	4.83	2.06	10.97	Green slate
470.0	480.0	10.0	1.60	6.44			
480.0	485.6	5.6	1.44	6.27			
Total		45.6			2.37	12.09	Core recovery - 55.5%
Total Core Sampled		335.6					Core recovery - 80.9%