TABLE 5 - Analyses of diamond drill cores

Diamond Drill Hole 1

| 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 | 6.0 | | | | | | Overburden |
| 6.0 | 10.0 | 4.0 | 4.70 | 11.80 | | | Manganiferous purple and red slate |
| 10.0 | 13.7 | 3.7 | 7.98 | 10.35 | | | |
| 13.7 | 16.0 | 2.3 | 4.75 | 5.50 | | | |
| 16.0 | 18.8 | 2.8 | 7.43 | 12.45 | | | |
| Total | | 12.8 | 6.25 | 10.39 | | | Core recovery - 82.8% |
| 18.8 | 23.8 | 5.0 | 3.15 | 6.30 | | | Manganiferous purple and red slate |
| 23.8 | 27.0 | 3.2 | 2.86 | 3.56 | | | |
| 27.0 | 32.2 | 5.2 | 3.91 | 13.58 | | | |
| 32.2 | 33.0 | .8 | 2.14 | 5.51 | | | |
| Total | | 14.2 | 3.31 | 8.30 | | | Core recovery - 100.0% |
| 33.0 | 34.7 | 1.7 | 11.67 | 18.27 | | | Top of manganiferous banded hematite @ 33.0 ft. |
| 34.7 | 39.7 | 5.0 | 9.24 | 31.85 | | | |
| 39.7 | 42.3 | 2.6 | 17.05 | 24.09 | | | |
| 42.3 | 45.5 | 3.2 | 17.01 | 30.08 | | | |
| 45.5 | 50.0 | 4.5 | 11.72 | 32.82 | | | Manganiferous banded hematite |
| 50.0 | 54.8 | 4.8 | 13.02 | 28.78 | | | |
| 54.8 | 59.7 | 4.9 | 8.15 | 21.83 | | | |
| 59.7 | 65.0 | 5.3 | 11.89 | 30.96 | | | |
| 65.0 | 70.0 | 5.0 | 12.43 | 26.19 | | | |
| 70.0 | 75.0 | 5.0 | 12.73 | 22.80 | | | |
| 75.0 | 80.0 | 5.0 | 8.02 | 30.88 | | | |
| 80.0 | 85.0 | 5.0 | 14.83 | 28.30 | | | |
| 85.0 | 90.0 | 5.0 | 6.30 | 35.73 | 8.93 | 29.60 | |
| 90.0 | 94.3 | 4.3 | 14.16 | 21.83 | | | |
| Total | | 61.3 | | | 11.89 | 27.55 | Core recovery - 93.8% |
| 0.0 | 6.0 | | | | | | Overburden |
| 6.0 | 10.0 | 4.0 | 4.70 | 11.80 | | | Manganiferous purple and red slate |
| 10.0 | 13.7 | 3.7 | 7.98 | 10.35 | | | |
| 13.7 | 16.0 | 2.3 | 4.75 | 5.50 | | | |
| 16.0 | 18.8 | 2.8 | 7.43 | 12.45 | | | |
| Total | | 12.8 | 6.25 | 10.39 | | | Core recovery - 82.8% |
| 18.8 | 23.8 | 5.0 | 3.15 | 6.30 | | | Manganiferous purple and red slate |
| 23.8 | 27.0 | 3.2 | 2.86 | 3.56 | | | |
| 27.0 | 32.2 | 5.2 | 3.91 | 13.58 | | | |
| 32.2 | 33.0 | .8 | 2.14 | 5.51 | | | |
| Total | | 14.2 | 3.31 | 8.30 | | | Core recovery - 100.0% |
| 33.0 | 34.7 | 1.7 | 11.67 | 18.27 | | | Top of manganiferous banded hematite @ 33.0 ft. |
| 34.7 | 39.7 | 5.0 | 9.24 | 31.85 | | | |
| 39.7 | 42.3 | 2.6 | 17.05 | 24.09 | | | |
| 42.3 | 45.5 | 3.2 | 17.01 | 30.08 | | | |
| 45.5 | 50.0 | 4.5 | 11.72 | 32.82 | | | Manganiferous banded hematite |
| 50.0 | 54.8 | 4.8 | 13.02 | 28.78 | | | |
| 54.8 | 59.7 | 4.9 | 8.15 | 21.83 | | | |
| 59.7 | 65.0 | 5.3 | 11.89 | 30.96 | | | |
| 65.0 | 70.0 | 5.0 | 12.43 | 26.19 | | | |
| 70.0 | 75.0 | 5.0 | 12.73 | 22.80 | | | |
| 75.0 | 80.0 | 5.0 | 8.02 | 30.88 | | | |
| 80.0 | 85.0 | 5.0 | 14.83 | 28.30 | | | |
| 85.0 | 90.0 | 5.0 | 6.30 | 35.73 | 8.93 | 29.60 | |
| 90.0 | 94.3 | 4.3 | 14.16 | 21.83 | | | |
| Total | | 61.3 | | | 11.89 | 27.55 | Core recovery - 93.8% |

TABLE 5 - Analyses of diamond drill cores

Diamond Drill Hole 1 (cont'd.)

| 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) |
|---|---|---|---|---|---|---|---|
| 94.3 | 100.2 | 5.9 | 5.97 | 24.09 | 6.37 | 25.88 | Bottom of manganiferous banded hematite @ 100.2 ft. |
| 100.2 | 102.9 | 2.7 | 5.42 | 18.92 | | | |
| 102.9 | 107.9 | 5.0 | 3.78 | 17.79 | | | |
| 107.9 | 112.1 | 4.2 | 5.67 | 20.53 | | | Manganiferous interbedded hematitic and green slate |
| 112.1 | 116.8 | 4.7 | 5.25 | 28.46 | | | |
| 116.8 | 121.2 | 4.4 | 5.71 | 27.49 | | | |
| 121.2 | 124.7 | 3.5 | 6.89 | 32.18 | | | |
| 124.7 | 128.3 | 3.6 | 3.91 | 17.62 | | | |
| 128.3 | 132.0 | 3.7 | 1.47 | 5.98 | | | |
| 132.0 | 137.0 | 5.0 | 8.01 | 25.06 | | | |
| 137.0 | 142.0 | 5.0 | 11.26 | 23.61 | | | |
| 142.0 | 147.0 | 5.0 | 8.60 | 25.87 | | | |
| 147.0 | 152.0 | 5.0 | 7.94 | 24.58 | | | |
| 152.0 | 153.8 | 1.8 | 7.60 | 30.24 | | | |
| 153.8 | 157.6 | 3.8 | 8.53 | 29.11 | | | |
| 157.6 | 161.5 | 3.9 | 4.62 | 17.14 | | | |
| Total | | 67.2 | | | 6.42 | 23.20 | Core recovery - 96.4% |
| 161.5 | 166.5 | 5.0 | 1.97 | 10.98 | | | Top of green slate @ 163 ft. |
| 166.5 | 171.5 | 5.0 | 5.46 | 7.92 | | | |
| 171.5 | 176.5 | 5.0 | .46 | 6.95 | | | Green slate |
| 176.5 | 180.3 | 3.8 | .51 | 5.98 | | | |
| Total | | 18.8 | 2.20 | 8.08 | | | Core recovery - 98.4% |
| Total Core Sampled | | 174.3 | | | | | Core recovery - 95.0% |

Diamond Drill Hole 2

| 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 | 4.0 | | | | | | Overburden |
| 4.0 | 7.0 | 3.0 | 7.08 | 17.28 | | | |
| 7.0 | 12.0 | 5.0 | 8.60 | 10.74 | | | Manganiferous purple and red slate |
| 12.0 | 16.0 | 4.0 | 8.12 | 12.27 | | | |
| 16.0 | 19.1 | 3.1 | 6.84 | 10.17 | | | |
| 19.1 | 22.1 | 3.0 | 8.48 | 10.90 | | | |
| 22.1 | 24.6 | 2.5 | 2.64 | 5.32 | | | |
| 24.6 | 27.4 | 2.8 | 4.56 | 7.02 | | | |
| 27.4 | 31.7 | 4.3 | 2.20 | 6.78 | | | |
| 31.7 | 36.7 | 5.0 | 4.40 | 10.98 | | | |
| 36.7 | 39.6 | 2.9 | 9.60 | 21.16 | | | |
| 39.6 | 44.4 | 4.8 | 8.64 | 18.65 | | | Top of manganiferous banded hematite @ 39.6 ft. |
| Total | | 40.4 | 6.52 | 12.05 | | | Core Recovery - 86.1% |
| 44.4 | 49.4 | 5.0 | 10.00 | 28.75 | | | |
| 49.4 | 53.0 | 3.6 | 17.12 | 29.39 | | | |
| 53.0 | 57.3 | 4.3 | 11.40 | 35.05 | | | |
| 57.3 | 62.0 | 4.7 | 13.60 | 24.43 | | | Manganiferous banded hematite |
| 62.0 | 66.7 | 4.7 | 6.20 | 21.16 | 7.53 | 22.74 | |
| 66.7 | 72.0 | 5.3 | 14.64 | 25.05 | 14.19 | 25.67 | |
| 72.0 | 76.6 | 4.6 | 12.80 | 27.70 | | | |
| 76.6 | 80.3 | 3.7 | 12.56 | 24.55 | | | |
| 80.3 | 85.3 | 5.0 | 7.84 | 30.20 | | | |
| 85.3 | 90.3 | 5.0 | 8.60 | 33.11 | | | |
| 90.3 | 95.1 | 4.8 | 15.76 | 22.61 | | | |
| 95.1 | 99.3 | 4.2 | 10.92 | 31.65 | | | |
| 99.3 | 103.9 | 4.6 | 10.16 | 29.88 | | | |
| 103.9 | 108.2 | 4.3 | 17.00 | 16.96 | 17.22 | 19.59 | |
| Total | | 63.8 | | | 11.99 | 27.52 | Core Recovery - 95.9% |