

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|----------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|------|------|------|
| 1 | | 55.23918 | -113.41613 | 0.01 | 53.70 | 0.35 | 0.84 | 32.28 | 0.35 | 12.49 | 0.03 | | |
| 1 | | 55.23918 | -113.41613 | 0.04 | 52.71 | 0.59 | 1.14 | 34.17 | 0.26 | 11.62 | 0.01 | | |
| 1.20 | | 51.79052 | -118.12850 | | 53.50 | 0.00 | 0.00 | 44.89 | 2.18 | 0.03 | | | |
| 2 | | 49.43320 | -111.36098 | 0.09 | 49.32 | 0.25 | 0.09 | 47.97 | 0.50 | 0.62 | | | |
| 3 | | 49.42680 | -111.34975 | 0.01 | 47.07 | 0.06 | 0.04 | 50.02 | 0.96 | 0.42 | | | |
| 4 | | 49.46008 | -111.34862 | 0.06 | 51.86 | 0.07 | 0.04 | 46.56 | 0.15 | 0.37 | | | |
| 18 | | 49.50958 | -111.27815 | 0.08 | 53.54 | 0.44 | 0.83 | 30.20 | 0.34 | 13.37 | | | |
| 19 | | 49.52083 | -111.29439 | 0.03 | 50.64 | 0.68 | 0.17 | 35.64 | 0.26 | 11.03 | | | |
| 24 | 57 G4 | 49.46308 | -111.28014 | 0.00 | 46.65 | 0.07 | 2.52 | 39.57 | | 8.85 | 0.03 | 0.00 | |
| 33 | | 49.45611 | -111.35261 | 0.00 | 48.07 | 1.91 | 0.00 | 48.26 | | 0.44 | 0.00 | 0.05 | |
| 51 | | 49.26182 | -111.09339 | 0.00 | 50.80 | 0.00 | 0.02 | 45.33 | 2.11 | 0.08 | 0.00 | 0.00 | 0.04 |
| 64 | | | | 0.00 | 51.13 | 0.00 | 0.00 | 40.40 | 6.91 | 0.02 | 0.01 | 0.00 | 0.03 |
| 64 | | | | 0.00 | 50.43 | 0.00 | 0.09 | 47.53 | 0.47 | 0.31 | 0.00 | 0.00 | 0.04 |
| 88 | | 49.75895 | -111.69653 | 0.06 | 50.47 | 0.10 | 0.04 | 45.01 | 4.13 | 0.05 | | | |
| 88 | | 49.75895 | -111.69653 | 0.08 | 50.72 | 0.06 | 0.00 | 45.69 | 3.30 | 0.09 | | | |
| 91 | | 49.65466 | -111.42497 | 0.07 | 50.96 | 0.06 | 0.03 | 46.06 | 3.09 | 0.12 | | | |
| 92 | | 49.60874 | -111.42453 | 0.09 | 52.53 | 0.05 | 0.03 | 43.51 | 2.75 | 0.04 | | | |
| 93 | | 49.56215 | -111.40153 | 0.06 | 50.59 | 0.10 | 0.00 | 46.86 | 2.50 | 0.11 | | | |
| 95 | | 49.69786 | -111.79009 | 0.10 | 49.94 | 0.03 | 0.00 | 48.63 | 0.28 | 0.20 | | | |
| 98 | | 49.60917 | -111.83462 | 0.12 | 51.95 | 0.13 | 0.01 | 46.14 | 1.09 | 0.11 | | | |
| 1-3-1-T | | 54.00984 | -114.97352 | 0.01 | 50.64 | 0.58 | 0.23 | 36.44 | 0.31 | 11.28 | 0.04 | 0.01 | 0.02 |
| 16-4-1-T | | 53.13620 | -113.40224 | 0.04 | 54.01 | 0.56 | 0.44 | 33.66 | 0.26 | 12.39 | 0.04 | 0.05 | 0.02 |
| 17-1-2-T | | 52.00200 | -113.93112 | 0.01 | 54.00 | 0.43 | 0.83 | 29.33 | 0.36 | 14.12 | 0.05 | 0.02 | 0.02 |
| 20-3-2-T | | 49.72275 | -113.70546 | 0.01 | 52.32 | 0.36 | 0.72 | 31.64 | 0.30 | 12.90 | 0.04 | 0.02 | 0.01 |
| 23-1-1-T | | 54.70978 | -113.43382 | 0.02 | 52.73 | 0.54 | 0.23 | 34.85 | 0.29 | 11.59 | 0.04 | 0.03 | 0.02 |
| 27-1-2-T | | 52.14243 | -113.27385 | 0.00 | 54.14 | 0.53 | 0.95 | 28.41 | 0.26 | 14.66 | 0.01 | 0.03 | 0.00 |
| 27-2-1-T | | 52.41404 | -112.85989 | 0.20 | 51.93 | 0.39 | 0.93 | 29.25 | 0.29 | 12.91 | 0.02 | 0.00 | 0.00 |
| 27-2-2-T | | 52.40253 | -113.26221 | 0.03 | 44.12 | 0.24 | 0.41 | 44.64 | 0.35 | 7.38 | 0.04 | 0.00 | 0.02 |
| 27-2-2-T | | 52.40253 | -113.26221 | 0.04 | 54.30 | 0.56 | 1.89 | 30.63 | 0.27 | 13.64 | 0.04 | 0.03 | 0.02 |
| 29-1-1-T | | 50.51044 | -112.84894 | 0.03 | 55.44 | 0.50 | 1.06 | 28.46 | 0.32 | 14.62 | 0.04 | 0.01 | 0.02 |
| 29-3-2-T | | 50.62922 | -112.53546 | 0.01 | 47.22 | 0.34 | 3.85 | 36.22 | 0.34 | 10.18 | 0.04 | 0.00 | 0.02 |
| 29-3-2-T | | 50.62922 | -112.53546 | 0.20 | 43.02 | 0.05 | 2.05 | 40.37 | 0.46 | 7.50 | 0.02 | 0.00 | 0.00 |
| 31-3-1-T | | 49.13746 | -112.18998 | 0.04 | 53.11 | 0.57 | 0.32 | 34.30 | 0.32 | 12.04 | 0.05 | 0.00 | 0.02 |
| 37-4-1-T | | 52.20117 | -111.11267 | 0.00 | 49.26 | 0.41 | 0.13 | 38.84 | 0.24 | 10.41 | 0.01 | 0.00 | 0.00 |
| 38-3-1-T | | 51.32635 | -111.04019 | 0.03 | 46.71 | 0.35 | 0.27 | 41.44 | 0.33 | 8.72 | 0.03 | 0.02 | 0.01 |
| 38-3-2-T | | 51.26962 | -111.14907 | 0.04 | 55.65 | 0.47 | 0.98 | 28.08 | 0.34 | 14.56 | 0.03 | 0.01 | 0.01 |

Ilmenite Data

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Ilmenite Data

| Sample | Assessment report name or name of company contributing data |
|----------|--|
| 1 | Assessment Report for the Calling Lake Area |
| 1 | Assessment Report for the Calling Lake Area |
| 1.20 | Metallic and Industrial Report on the Diamond potential at Endiang Property, Chain Lakes |
| 2 | Report on Diamond Exploration of Metallic Mineral Exploration Permits Near Foremost, Alberta |
| 3 | Report on Diamond Exploration of Metallic Mineral Exploration Permits Near Foremost, Alberta |
| 4 | Report on Diamond Exploration of Metallic Mineral Exploration Permits Near Foremost, Alberta |
| 18 | Report on Diamond Exploration of Metallic Mineral Exploration Permits Near Foremost, Alberta |
| 19 | Report on Diamond Exploration of Metallic Mineral Exploration Permits Near Foremost, Alberta |
| 24 | Report on Diamond Exploration of Metallic Mineral Exploration Permits Near Foremost, Alberta |
| 33 | Report on Diamond Exploration of Metallic Mineral Exploration Permits Near Foremost, Alberta |
| 51 | Report on Diamond Exploration of Metallic Mineral Exploration Permits Near Foremost, Alberta |
| 64 | Report on Diamond Exploration of Metallic Mineral Exploration Permits Near Foremost, Alberta |
| 64 | Report on Diamond Exploration of Metallic Mineral Exploration Permits Near Foremost, Alberta |
| 88 | Report on Diamond Exploration of Metallic Mineral Exploration Permits Near Foremost, Alberta |
| 88 | Report on Diamond Exploration of Metallic Mineral Exploration Permits Near Foremost, Alberta |
| 91 | Report on Diamond Exploration of Metallic Mineral Exploration Permits Near Foremost, Alberta |
| 92 | Report on Diamond Exploration of Metallic Mineral Exploration Permits Near Foremost, Alberta |
| 93 | Report on Diamond Exploration of Metallic Mineral Exploration Permits Near Foremost, Alberta |
| 95 | Report on Diamond Exploration of Metallic Mineral Exploration Permits Near Foremost, Alberta |
| 98 | Report on Diamond Exploration of Metallic Mineral Exploration Permits Near Foremost, Alberta |
| 1-3-1-T | Diamond Potential of AB, AGS Bulletin No. 63 |
| 16-4-1-T | Diamond Potential of AB, AGS Bulletin No. 63 |
| 17-1-2-T | Diamond Potential of AB, AGS Bulletin No. 63 |
| 20-3-2-T | Diamond Potential of AB, AGS Bulletin No. 63 |
| 23-1-1-T | Diamond Potential of AB, AGS Bulletin No. 63 |
| 27-1-2-T | Diamond Potential of AB, AGS Bulletin No. 63 |
| 27-2-1-T | Diamond Potential of AB, AGS Bulletin No. 63 |
| 27-2-2-T | Diamond Potential of AB, AGS Bulletin No. 63 |
| 27-2-2-T | Diamond Potential of AB, AGS Bulletin No. 63 |
| 29-1-1-T | Diamond Potential of AB, AGS Bulletin No. 63 |
| 29-3-2-T | Diamond Potential of AB, AGS Bulletin No. 63 |
| 29-3-2-T | Diamond Potential of AB, AGS Bulletin No. 63 |
| 31-3-1-T | Diamond Potential of AB, AGS Bulletin No. 63 |
| 37-4-1-T | Diamond Potential of AB, AGS Bulletin No. 63 |
| 38-3-1-T | Diamond Potential of AB, AGS Bulletin No. 63 |
| 38-3-2-T | Diamond Potential of AB, AGS Bulletin No. 63 |

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|----------|---|---------------|
| 1 | Calling Lake Geochemistry | 19980005 |
| 1 | Calling Lake Geochemistry | 19980005 |
| 1.20 | Geochemistry for the 95-1 Drill Cuttings and Grains from Core | 19970013 |
| 2 | Geochemisrty for the AW Series | 19950008 |
| 3 | Geochemisrty for the AW Series | 19950008 |
| 4 | Geochemisrty for the AW Series | 19950008 |
| 18 | Geochemisrty for the AW Series | 19950008 |
| 19 | Geochemisrty for the AW Series | 19950008 |
| 24 | Geochemisrty for the AW Series | 19950008 |
| 33 | Geochemisrty for the AW Series | 19950008 |
| 51 | Geochemistry for the SS Series (17-69) | 19950008 |
| 64 | Geochemistry for the SS Series (17-69) | 19950008 |
| 64 | Geochemistry for the SS Series (17-69) | 19950008 |
| 88 | Geochemistry for the RAT Series (80-98) | 19950008 |
| 88 | Geochemistry for the RAT Series (80-98) | 19950008 |
| 91 | Geochemistry for the RAT Series (80-98) | 19950008 |
| 92 | Geochemistry for the RAT Series (80-98) | 19950008 |
| 93 | Geochemistry for the RAT Series (80-98) | 19950008 |
| 95 | Geochemistry for the RAT Series (80-98) | 19950008 |
| 98 | Geochemistry for the RAT Series (80-98) | 19950008 |
| 1-3-1-T | AGS Sampling Program from Southern AB | |
| 16-4-1-T | AGS Sampling Program from Southern AB | |
| 17-1-2-T | AGS Sampling Program from Southern AB | |
| 20-3-2-T | AGS Sampling Program from Southern AB | |
| 23-1-1-T | AGS Sampling Program from Southern AB | |
| 27-1-2-T | AGS Sampling Program from Southern AB | |
| 27-2-1-T | AGS Sampling Program from Southern AB | |
| 27-2-2-T | AGS Sampling Program from Southern AB | |
| 27-2-2-T | AGS Sampling Program from Southern AB | |
| 29-1-1-T | AGS Sampling Program from Southern AB | |
| 29-3-2-T | AGS Sampling Program from Southern AB | |
| 29-3-2-T | AGS Sampling Program from Southern AB | |
| 31-3-1-T | AGS Sampling Program from Southern AB | |
| 37-4-1-T | AGS Sampling Program from Southern AB | |
| 38-3-1-T | AGS Sampling Program from Southern AB | |
| 38-3-2-T | AGS Sampling Program from Southern AB | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|----------------|----------|-------------|--------------|------|-------|-------|-------|-------|-------|-------|------|------|------|
| 38-3-2-T | | 51.26962 | -111.14907 | 0.04 | 55.21 | 0.44 | 0.96 | 29.06 | 0.31 | 14.37 | 0.03 | 0.02 | 0.01 |
| 39-3-1-T | | 50.73160 | -111.29330 | 0.19 | 50.30 | 0.32 | 0.50 | 33.15 | 0.30 | 10.83 | 0.03 | 0.00 | 0.01 |
| 3WKG004 | | 49.29974 | -114.10500 | 0.00 | 48.23 | 0.42 | 2.94 | 38.06 | 0.26 | 9.78 | 0.00 | 0.00 | |
| 41-2-2-T | | 49.34778 | -111.64570 | 0.11 | 52.30 | 0.67 | 0.52 | 33.07 | 0.29 | 12.31 | 0.05 | 0.09 | 0.02 |
| 44-1-1-T | | 53.42559 | -110.95184 | 0.03 | 55.33 | 0.51 | 1.17 | 28.10 | 0.32 | 14.74 | 0.04 | 0.00 | 0.02 |
| 46-3-2-T | | 52.06256 | -110.05334 | 0.00 | 50.81 | 0.19 | 0.39 | 36.03 | 0.32 | 10.90 | 0.03 | 0.02 | 0.02 |
| 46-3-2-T | | 52.06256 | -110.05334 | 0.03 | 52.94 | 0.55 | 0.46 | 31.66 | 0.26 | 13.50 | 0.04 | 0.01 | 0.02 |
| 48-4-1-T | | 51.00742 | -110.40422 | 0.03 | 52.22 | 0.53 | 0.24 | 35.94 | 0.30 | 11.10 | 0.04 | 0.02 | 0.01 |
| 50-2-2-T | | 49.63319 | -110.61503 | 0.00 | 51.33 | 0.54 | 0.16 | 34.92 | 0.21 | 11.04 | 0.00 | 0.00 | 0.00 |
| 8-2-1-T | | 53.56157 | -114.26716 | 0.02 | 48.84 | 0.32 | 3.27 | 36.95 | 0.34 | 10.36 | 0.03 | 0.01 | 0.02 |
| 83G-07 | | 53.66714 | -114.61973 | 0.03 | 52.63 | 0.48 | 0.89 | 29.39 | 0.29 | 13.91 | | | |
| 83G-11 | | 53.89768 | -114.70421 | 0.13 | 57.30 | 0.20 | 0.23 | 31.28 | 0.38 | 2.20 | | | |
| 83G-30 | | 53.60765 | -114.15532 | 0.01 | 44.63 | 0.44 | 0.40 | 42.13 | 0.18 | 9.72 | | | |
| 83I-01 | | 54.26954 | -113.95653 | 0.03 | 46.01 | 0.28 | 2.76 | 28.58 | 0.21 | 9.29 | | | |
| 83I-02 | | 54.15343 | -113.94480 | 0.25 | 61.15 | 0.36 | 0.37 | 24.82 | 0.36 | 2.58 | | | |
| 9-1-2-T | | 51.29484 | -114.28345 | 0.03 | 53.88 | 0.47 | 0.96 | 29.40 | 0.27 | 13.91 | 0.03 | 0.03 | 0.01 |
| 9465-07 | | 49.35807 | -111.65763 | 0.04 | 52.38 | 0.52 | 0.19 | 34.95 | 0.21 | 12.34 | 0.00 | 0.00 | 0.00 |
| 9465-07 | | 49.35807 | -111.65763 | 0.04 | 14.28 | 0.07 | 0.00 | 77.85 | 0.08 | 0.12 | 0.00 | 0.00 | 0.00 |
| 9465-07 | | 49.35807 | -111.65763 | 0.05 | 51.61 | 0.15 | 0.66 | 37.00 | 0.26 | 10.96 | 0.00 | 0.00 | 0.00 |
| 9465-07 | | 49.35807 | -111.65763 | 0.05 | 52.64 | 0.55 | 0.19 | 35.76 | 0.26 | 12.26 | 0.00 | 0.00 | 0.00 |
| 9465-08 | | 49.40678 | -111.76927 | 0.01 | 51.83 | 0.19 | 2.94 | 33.22 | 0.29 | 12.43 | 0.00 | 0.00 | 0.00 |
| 9465-12 | | 49.44411 | -112.00527 | 0.22 | 61.03 | 0.20 | 0.11 | 30.26 | 0.46 | 1.39 | 0.09 | 0.00 | 0.00 |
| 9465-12 | | 49.44411 | -112.00527 | 1.25 | 0.00 | 5.11 | 0.00 | 81.74 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 |
| 9465-18 | | 49.59635 | -111.89456 | 0.00 | 53.14 | 0.60 | 0.44 | 32.95 | 0.20 | 13.51 | 0.00 | 0.00 | 0.00 |
| 95ML-1@134.10m | | 55.45920 | -117.71740 | 0.00 | 50.70 | 0.63 | 1.40 | 32.85 | 0.26 | 13.98 | 0.01 | 0.00 | |
| 96EQ02 | | 53.72140 | -117.79787 | 0.05 | 45.25 | 0.44 | 0.00 | 48.89 | 0.4.9 | 4.10 | | | |
| 96EQ11 | | 53.67310 | -117.76139 | 0.19 | 50.77 | 0.27 | 0.11 | 43.40 | 0.50 | 3.48 | | | |
| A0N | | 59.87480 | -111.49348 | 0.01 | 51.32 | 0.00 | 0.00 | 47.28 | 0.43 | 0.12 | 0.00 | | |
| A1N | | 59.87480 | -111.49348 | 0.00 | 50.45 | 0.00 | 0.00 | 42.95 | 5.25 | 0.11 | 1.24 | | |
| A1S | | 59.87480 | -111.49348 | 0.00 | 50.56 | 0.00 | 0.00 | 47.59 | 1.07 | 0.07 | | | |
| A3N | | 59.87480 | -111.49348 | 0.02 | 50.19 | 0.00 | 0.00 | 47.11 | 1.87 | 0.14 | | | |
| B13-04 | | 56.37200 | -116.79800 | 0.00 | 50.17 | 0.00 | 0.03 | 49.81 | 0.87 | 0.14 | 0.00 | 0.00 | |
| CB-0 | | | | 0.00 | 49.26 | 0.15 | 1.00 | 39.17 | | 8.80 | 0.01 | 0.00 | |
| CB-7 | | 55.70000 | -111.37500 | 0.00 | 54.56 | 0.00 | 0.13 | 44.98 | 0.26 | 1.72 | | | |
| CB-9 | | 55.65000 | -111.08300 | 0.07 | 52.83 | 0.12 | 0.02 | 48.54 | 0.69 | 0.11 | | | |
| JD-1 | | 49.02777 | -111.00192 | 0.00 | 52.90 | 0.03 | 0.00 | 44.22 | 1.41 | 1.22 | 0.01 | 0.00 | 0.00 |

Ilmenite Data

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Ilmenite Data

| Sample | Assessment report name or name of company contributing data |
|---------------|---|
| 38-3-2-T | Diamond Potential of AB, AGS Bulletin No. 63 |
| 39-3-1-T | Diamond Potential of AB, AGS Bulletin No. 63 |
| 3WGK004 | Diamond Potential of AB, AGS Bulletin No. 63 |
| 41-2-2-T | Diamond Potential of AB, AGS Bulletin No. 63 |
| 44-1-1-T | Diamond Potential of AB, AGS Bulletin No. 63 |
| 46-3-2-T | Diamond Potential of AB, AGS Bulletin No. 63 |
| 46-3-2-T | Diamond Potential of AB, AGS Bulletin No. 63 |
| 48-4-1-T | Diamond Potential of AB, AGS Bulletin No. 63 |
| 50-2-2-T | Diamond Potential of AB, AGS Bulletin No. 63 |
| 8-2-1-T | Diamond Potential of AB, AGS Bulletin No. 63 |
| 83G-07 | Edmonton Block Assessment Report |
| 83G-11 | Edmonton Block Assessment Report |
| 83G-30 | Edmonton Block Assessment Report |
| 83I-01 | Edmonton Block Assessment Report |
| 83I-02 | Edmonton Block Assessment Report |
| 9-1-2-T | Diamond Potential of AB, AGS Bulletin No. 63 |
| 9465-07 | Legend Block assessment Report |
| 9465-07 | Legend Block assessment Report |
| 9465-07 | Legend Block assessment Report |
| 9465-07 | Legend Block assessment Report |
| 9465-08 | Legend Block assessment Report |
| 9465-12 | Legend Block assessment Report |
| 9465-12 | Legend Block assessment Report |
| 9465-18 | Legend Block assessment Report |
| 95ML-1@134.10 | Mountain Lake GSC OFR 3441 |
| 96EQ02 | Metallic and Industrial Mineral Assessment Report on the Troymin Area |
| 96EQ11 | Metallic and Industrial Mineral Assessment Report on the Troymin Area |
| A0N | Geological Report on Fort Smith and Fitzgerald Area Exploration Project |
| A1N | Geological Report on Fort Smith and Fitzgerald Area Exploration Project |
| A1S | Geological Report on Fort Smith and Fitzgerald Area Exploration Project |
| A3N | Geological Report on Fort Smith and Fitzgerald Area Exploration Project |
| B13-04 | Consolidated Carina and Currie Rose Res. Assessment Report |
| CB-0 | Christina Block Assessment Report |
| CB-7 | Christina Block Assessment Report |
| CB-9 | Christina Block Assessment Report |
| JD-1 | Report on the Pinhorn Diamond/ Gold Property Milk River Area, Alberta |

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|---------------|--|---------------|
| 38-3-2-T | AGS Sampling Program from Southern AB | |
| 39-3-1-T | AGS Sampling Program from Southern AB | |
| 3WKG004 | AGS Sampling Program from Southern AB | |
| 41-2-2-T | AGS Sampling Program from Southern AB | |
| 44-1-1-T | AGS Sampling Program from Southern AB | |
| 46-3-2-T | AGS Sampling Program from Southern AB | |
| 46-3-2-T | AGS Sampling Program from Southern AB | |
| 48-4-1-T | AGS Sampling Program from Southern AB | |
| 50-2-2-T | AGS Sampling Program from Southern AB | |
| 8-2-1-T | AGS Sampling Program from Southern AB | |
| 83G-07 | Geochemical Data for the (83-G Series) | 19940004 |
| 83G-11 | Geochemical Data for the (83-G Series) | 19940004 |
| 83G-30 | Geochemical Data for the (83-G Series) | 19940004 |
| 83I-01 | Geochemical Data for the (83-G Series) | 19940004 |
| 83I-02 | Geochemical Data for the (83-G Series) | 19940004 |
| 9-1-2-T | AGS Sampling Program from Southern AB | |
| 9465-07 | Legend Block Geochemical Data for Sample Series (9465) | 19940007 |
| 9465-07 | Legend Block Geochemical Data for Sample Series (9465) | 19940007 |
| 9465-07 | Legend Block Geochemical Data for Sample Series (9465) | 19940007 |
| 9465-07 | Legend Block Geochemical Data for Sample Series (9465) | 19940007 |
| 9465-08 | Legend Block Geochemical Data for Sample Series (9465) | 19940007 |
| 9465-12 | Legend Block Geochemical Data for Sample Series (9465) | 19940007 |
| 9465-12 | Legend Block Geochemical Data for Sample Series (9465) | 19940007 |
| 9465-18 | Legend Block Geochemical Data for Sample Series (9465) | 19940007 |
| 95ML-1@134.10 | Series 95ML of AGS Sampling Program | |
| 96EQ02 | Troymin Area Project Geochemistry | 19970007 |
| 96EQ11 | Troymin Area Project Geochemistry | 19970007 |
| A0N | Beaver Lake Stream Sediment Samples Geochemistry | 19950011 |
| A1N | Beaver Lake Stream Sediment Samples Geochemistry | 19950011 |
| A1S | Beaver Lake Stream Sediment Samples Geochemistry | 19950011 |
| A3N | Beaver Lake Stream Sediment Samples Geochemistry | 19950011 |
| B13-04 | Carmon Lake Geochemistry | 19950007 |
| CB-0 | Christina Block Geochemical Data (CB Series) | 19940003 |
| CB-7 | Christina Block Geochemical Data (CB Series) | 19940003 |
| CB-9 | Christina Block Geochemical Data (CB Series) | 19940003 |
| JD-1 | Milk River Area Geochemistry for Ilmenites | 19940008 |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|-------------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|------|------|------|
| JD-1 | | 49.02777 | -111.00192 | 0.00 | 42.96 | 0.71 | 0.00 | 50.64 | 0.73 | 4.75 | 0.04 | 0.00 | 0.00 |
| JD-1 | | 49.02777 | -111.00192 | 0.00 | 41.92 | 0.75 | 0.00 | 50.98 | 0.72 | 5.42 | 0.07 | 0.00 | 0.00 |
| JD-1 | | 49.02777 | -111.00192 | 0.00 | 44.37 | 0.00 | 0.00 | 55.74 | 0.76 | 0.78 | 0.10 | 0.00 | 0.00 |
| JD-1 | | 49.02777 | -111.00192 | 0.00 | 43.78 | 0.16 | 0.00 | 53.74 | 0.73 | 1.34 | 0.06 | 0.00 | 0.00 |
| JD-1 | | 49.02777 | -111.00192 | 0.00 | 44.41 | 0.11 | 0.00 | 53.42 | 0.63 | 1.33 | 0.01 | 0.00 | 0.00 |
| JD-1 | | 49.02777 | -111.00192 | 2.04 | 44.67 | 0.27 | 0.00 | 45.85 | 1.29 | 2.70 | 0.07 | 0.00 | 0.00 |
| JD-1 | | 49.02777 | -111.00192 | 2.64 | 50.28 | 1.79 | 0.00 | 41.09 | 2.54 | 0.06 | 0.02 | 0.00 | 0.58 |
| JD-2 | | 49.14519 | -111.05656 | 0.00 | 46.71 | 0.70 | 0.02 | 46.80 | 0.47 | 3.72 | | | |
| JD-2 | | 49.14519 | -111.05656 | 0.00 | 43.05 | 0.28 | 0.28 | 44.75 | 0.22 | 7.44 | | | |
| JD-2 | | 49.14519 | -111.05656 | 0.00 | 49.20 | 0.44 | 0.02 | 43.48 | 0.44 | 4.99 | | | |
| JD-2 | | 49.14519 | -111.05656 | 0.01 | 47.45 | 0.26 | 0.00 | 46.03 | 0.34 | 4.25 | | | |
| JD-2 | | 49.14519 | -111.05656 | 0.03 | 43.46 | 0.29 | 0.38 | 41.10 | 0.28 | 7.63 | | | |
| JD-2 | | 49.14519 | -111.05656 | 0.03 | 47.24 | 0.63 | 0.08 | 46.59 | 0.62 | 2.74 | | | |
| JD-2 | | 49.14519 | -111.05656 | 0.05 | 48.76 | 0.26 | 0.00 | 44.14 | 0.52 | 4.33 | | | |
| JD-2 | | 49.14519 | -111.05656 | 0.07 | 47.59 | 0.51 | 0.00 | 46.87 | 0.64 | 2.36 | | | |
| JD-2 | | 49.14519 | -111.05656 | 0.10 | 48.74 | 0.59 | 0.01 | 44.42 | 0.46 | 3.96 | | | |
| JD-2 | | 49.14519 | -111.05656 | 0.14 | 44.55 | 0.43 | 1.03 | 44.45 | 0.43 | 6.81 | | | |
| JD-4 | | 49.11297 | -111.08345 | 0.00 | 45.51 | 0.57 | 0.26 | 46.55 | 0.55 | 4.36 | 0.04 | | |
| JD-4 | | 49.11297 | -111.08345 | 0.00 | 44.73 | 0.43 | 0.21 | 48.71 | 0.23 | 3.20 | 0.03 | | |
| JD-4 | | 49.11297 | -111.08345 | 0.25 | 43.50 | 1.15 | 0.29 | 48.01 | 0.39 | 3.31 | 0.04 | | |
| JD-4 | | 49.11297 | -111.08345 | 1.17 | 46.82 | 0.58 | 0.11 | 42.56 | 0.61 | 5.38 | 0.08 | | |
| KW96-07-001 | | 54.60106 | -119.06632 | 0.00 | 51.92 | 0.67 | 0.37 | 33.42 | 0.26 | 14.10 | 0.03 | 0.00 | 0.00 |
| KW96-34-001 | | 54.46006 | -118.79112 | 0.00 | 44.29 | 0.41 | 0.01 | 46.96 | 0.45 | 4.86 | 0.00 | 0.00 | 0.00 |
| KW96-40-001 | | 54.43000 | -119.06075 | 0.00 | 51.47 | 0.66 | 0.32 | 34.55 | 0.30 | 12.88 | 0.00 | 0.00 | 0.00 |
| KW96-45-001 | | 54.81364 | -118.76215 | 0.00 | 50.73 | 0.60 | 1.42 | 33.76 | 0.25 | 14.22 | 0.00 | 0.00 | 0.00 |
| KW96-45-002 | | 54.81194 | -118.78125 | 0.00 | 48.87 | 0.02 | 0.69 | 41.48 | 0.39 | 7.28 | 0.00 | 0.00 | 0.00 |
| KW96-48-001 | | 54.63584 | -118.23260 | 0.00 | 51.71 | 0.55 | 0.17 | 33.48 | 0.29 | 14.59 | 0.00 | 0.00 | 0.00 |
| KW96-48-001 | | 54.63584 | -118.23260 | 0.00 | 53.89 | 0.10 | 2.96 | 27.93 | 0.33 | 16.05 | 0.01 | 0.00 | 0.00 |
| KW96-61-001 | | 54.25446 | -119.84912 | 0.00 | 53.07 | 0.57 | 0.35 | 31.27 | 0.27 | 14.94 | 0.00 | 0.00 | 0.00 |
| KW96-64-001 | | 54.85029 | -119.77020 | 0.00 | 51.24 | 0.70 | 1.31 | 32.33 | 0.25 | 14.66 | 0.01 | 0.00 | 0.00 |
| NAT94-105 | | -56.3899 | -112.67648 | 0.02 | 51.86 | 0.41 | 0.68 | 31.28 | 0.38 | 14.31 | 0.10 | 0.00 | |
| NAT94-109 | | 57.30606 | -111.65113 | 0.01 | 48.30 | 0.39 | 0.37 | 39.65 | 0.24 | 9.59 | 0.05 | 0.00 | |
| NAT97-160 | | 56.38267 | -115.35297 | 0.08 | 52.87 | 0.52 | 0.61 | 30.97 | 0.21 | 13.79 | 0.02 | | |
| NAT97-160 | | 56.38267 | -115.35297 | 0.08 | 52.87 | 0.52 | 0.61 | 30.97 | 0.21 | 13.79 | 0.02 | | |
| NAT97-161 | | 56.46703 | -115.33382 | 0.04 | 54.76 | 0.56 | 1.04 | 29.01 | 0.24 | 15.59 | 0.01 | | |
| NAT97-161 | | 56.46703 | -115.33382 | 0.04 | 54.76 | 0.56 | 1.04 | 29.01 | 0.24 | 15.59 | 0.01 | | |

Ilmenite Data

[illegible]

Ilmenite Data

| Sample | Assessment report name or name of company contributing data |
|-------------|---|
| JD-1 | Report on the Pinhorn Diamond/ Gold Property Milk River Area, Alberta |
| JD-1 | Report on the Pinhorn Diamond/ Gold Property Milk River Area, Alberta |
| JD-1 | Report on the Pinhorn Diamond/ Gold Property Milk River Area, Alberta |
| JD-1 | Report on the Pinhorn Diamond/ Gold Property Milk River Area, Alberta |
| JD-1 | Report on the Pinhorn Diamond/ Gold Property Milk River Area, Alberta |
| JD-1 | Report on the Pinhorn Diamond/ Gold Property Milk River Area, Alberta |
| JD-1 | Report on the Pinhorn Diamond/ Gold Property Milk River Area, Alberta |
| JD-2 | Report on the Pinhorn Diamond/ Gold Property Milk River Area, Alberta |
| JD-2 | Report on the Pinhorn Diamond/ Gold Property Milk River Area, Alberta |
| JD-2 | Report on the Pinhorn Diamond/ Gold Property Milk River Area, Alberta |
| JD-2 | Report on the Pinhorn Diamond/ Gold Property Milk River Area, Alberta |
| JD-2 | Report on the Pinhorn Diamond/ Gold Property Milk River Area, Alberta |
| JD-2 | Report on the Pinhorn Diamond/ Gold Property Milk River Area, Alberta |
| JD-2 | Report on the Pinhorn Diamond/ Gold Property Milk River Area, Alberta |
| JD-2 | Report on the Pinhorn Diamond/ Gold Property Milk River Area, Alberta |
| JD-2 | Report on the Pinhorn Diamond/ Gold Property Milk River Area, Alberta |
| JD-4 | Report on the Pinhorn Diamond/ Gold Property Milk River Area, Alberta |
| JD-4 | Report on the Pinhorn Diamond/ Gold Property Milk River Area, Alberta |
| JD-4 | Report on the Pinhorn Diamond/ Gold Property Milk River Area, Alberta |
| JD-4 | Report on the Pinhorn Diamond/ Gold Property Milk River Area, Alberta |
| KW96-07-001 | Kakwa/Wapiti AGS OFR 1998-02 |
| KW96-34-001 | Kakwa/Wapiti AGS OFR 1998-02 |
| KW96-40-001 | Kakwa/Wapiti AGS OFR 1998-02 |
| KW96-45-001 | Kakwa/Wapiti AGS OFR 1998-02 |
| KW96-45-002 | Kakwa/Wapiti AGS OFR 1998-02 |
| KW96-48-001 | Kakwa/Wapiti AGS OFR 1998-02 |
| KW96-48-001 | Kakwa/Wapiti AGS OFR 1998-02 |
| KW96-61-001 | Kakwa/Wapiti AGS OFR 1998-02 |
| KW96-64-001 | Kakwa/Wapiti AGS OFR 1998-02 |
| NAT94-105 | Diamond Potential of AB, AGS Bulletin No. 63 |
| NAT94-109 | Diamond Potential of AB, AGS Bulletin No. 63 |
| NAT97-160 | Northern AB Till Geochemistry, AGS |
| NAT97-160 | Northern AB Till Geochemistry, AGS |
| NAT97-161 | Northern AB Till Geochemistry, AGS |
| NAT97-161 | Northern AB Till Geochemistry, AGS |

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|-------------|---|---------------|
| JD-1 | Milk River Area Geochmistry for Ilmenites | 19940008 |
| JD-1 | Milk River Area Geochmistry for Ilmenites | 19940008 |
| JD-1 | Milk River Area Geochmistry for Ilmenites | 19940008 |
| JD-1 | Milk River Area Geochmistry for Ilmenites | 19940008 |
| JD-1 | Milk River Area Geochmistry for Ilmenites | 19940008 |
| JD-1 | Milk River Area Geochmistry for Ilmenites | 19940008 |
| JD-1 | Milk River Area Geochmistry for Ilmenites | 19940008 |
| JD-2 | Milk River Area Geochmistry for Ilmenites | 19940008 |
| JD-2 | Milk River Area Geochmistry for Ilmenites | 19940008 |
| JD-2 | Milk River Area Geochmistry for Ilmenites | 19940008 |
| JD-2 | Milk River Area Geochmistry for Ilmenites | 19940008 |
| JD-2 | Milk River Area Geochmistry for Ilmenites | 19940008 |
| JD-2 | Milk River Area Geochmistry for Ilmenites | 19940008 |
| JD-2 | Milk River Area Geochmistry for Ilmenites | 19940008 |
| JD-2 | Milk River Area Geochmistry for Ilmenites | 19940008 |
| JD-2 | Milk River Area Geochmistry for Ilmenites | 19940008 |
| JD-4 | Milk River Area Geochmistry for Ilmenites | 19940008 |
| JD-4 | Milk River Area Geochmistry for Ilmenites | 19940008 |
| JD-4 | Milk River Area Geochmistry for Ilmenites | 19940008 |
| JD-4 | Milk River Area Geochmistry for Ilmenites | 19940008 |
| KW96-07-001 | Series KW96 form AGS Sample Program | |
| KW96-34-001 | Series KW96 form AGS Sample Program | |
| KW96-40-001 | Series KW96 form AGS Sample Program | |
| KW96-45-001 | Series KW96 form AGS Sample Program | |
| KW96-45-002 | Series KW96 form AGS Sample Program | |
| KW96-48-001 | Series KW96 form AGS Sample Program | |
| KW96-48-001 | Series KW96 form AGS Sample Program | |
| KW96-61-001 | Series KW96 form AGS Sample Program | |
| KW96-64-001 | Series KW96 form AGS Sample Program | |
| NAT94-105 | AGS Sampling Program from Southern AB | |
| NAT94-109 | AGS Sampling Program from Southern AB | |
| NAT97-160 | Nat Series of AGS Sampling Program | |
| NAT97-160 | Nat Series of AGS Sampling Program | |
| NAT97-161 | Nat Series of AGS Sampling Program | |
| NAT97-161 | Nat Series of AGS Sampling Program | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|-------------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|------|------|------|
| NAT97-169 | | 56.16387 | -115.30727 | 0.00 | 51.86 | 0.70 | 1.07 | 30.83 | 0.23 | 14.98 | 0.02 | | |
| NAT97-169 | | 56.16387 | -115.30727 | 0.00 | 50.23 | 0.53 | 1.10 | 34.56 | 0.31 | 11.60 | 0.00 | | |
| NAT97-169 | | 56.16387 | -115.30727 | 0.00 | 51.61 | 0.65 | 1.09 | 32.12 | 0.23 | 14.48 | 0.10 | | |
| NAT97-169 | | 56.16387 | -115.30727 | 0.00 | 51.61 | 0.65 | 1.09 | 32.12 | 0.23 | 14.48 | 0.10 | | |
| NAT97-169 | | 56.16387 | -115.30727 | 0.00 | 51.86 | 0.70 | 1.07 | 30.83 | 0.23 | 14.98 | 0.02 | | |
| NAT97-169 | | 56.16387 | -115.30727 | 0.00 | 50.23 | 0.53 | 1.10 | 34.56 | 0.31 | 11.60 | 0.00 | | |
| NAT97-169 | | 56.16387 | -115.30727 | 0.03 | 50.43 | 0.51 | 1.01 | 34.82 | 0.27 | 12.20 | 0.06 | | |
| NAT97-169 | | 56.16387 | -115.30727 | 0.03 | 50.57 | 0.48 | 1.00 | 34.60 | 0.21 | 11.80 | 0.04 | | |
| NAT97-169 | | 56.16387 | -115.30727 | 0.03 | 50.60 | 0.49 | 1.01 | 34.61 | 0.29 | 12.26 | 0.03 | | |
| NAT97-169 | | 56.16387 | -115.30727 | 0.03 | 50.43 | 0.51 | 1.01 | 34.82 | 0.27 | 12.20 | 0.06 | | |
| NAT97-169 | | 56.16387 | -115.30727 | 0.03 | 50.57 | 0.48 | 1.00 | 34.60 | 0.21 | 11.80 | 0.04 | | |
| NAT97-169 | | 56.16387 | -115.30727 | 0.03 | 50.60 | 0.49 | 1.01 | 34.61 | 0.29 | 12.26 | 0.03 | | |
| NAT97-223-1 | | 54.71557 | -118.24205 | 0.00 | 51.51 | 0.54 | 1.08 | 31.58 | 0.24 | 13.52 | 0.01 | | |
| NAT97-223-1 | | 54.71557 | -118.24205 | 0.00 | 51.51 | 0.54 | 1.08 | 31.58 | 0.24 | 13.52 | 0.01 | | |
| P1-04 | | 56.37200 | -116.79800 | 0.02 | 54.31 | 0.01 | 0.00 | 40.95 | 3.77 | 0.02 | 0.00 | 0.00 | |
| P1-06 | | 56.37200 | -116.79800 | 0.16 | 57.15 | 0.16 | 0.08 | 34.47 | 2.00 | 0.06 | 0.04 | 0.00 | |
| P1-09 | | 56.37200 | -116.79800 | 0.30 | 58.65 | 0.43 | 0.04 | 30.73 | 0.54 | 0.34 | 0.08 | 0.00 | |
| P3-03 | | 56.36800 | -116.79800 | 0.09 | 57.97 | 0.00 | 0.00 | 32.14 | 3.33 | 0.02 | 0.00 | 0.00 | |
| P3-05 | | 56.37200 | -116.79800 | 0.19 | 60.72 | 0.17 | 0.01 | 29.92 | 0.50 | 0.37 | 0.03 | 0.00 | |
| PB-14 | H3C | 49.22100 | -113.63200 | 0.00 | 48.21 | 0.02 | 3.02 | 37.13 | 0.31 | 9.85 | 0.01 | 0.00 | 0.00 |
| Pb-19 | | 49.13300 | -113.46600 | 0.00 | 45.23 | 0.15 | 5.30 | 38.10 | | 8.94 | 0.00 | 0.00 | |
| PB-2 | | 49.43300 | -113.82200 | 0.09 | 59.04 | 0.08 | 0.05 | 31.46 | 0.51 | 0.31 | 0.05 | 0.00 | 0.00 |
| PB-T10 | | 49.00000 | -113.52500 | 0.03 | 51.63 | 0.12 | 0.00 | 47.71 | 1.92 | 0.45 | | | |
| PC-94-06 | | 53.67262 | -118.15729 | 0.00 | 48.26 | 0.30 | 0.03 | 46.94 | 0.56 | 4.14 | 0.02 | | |
| PC-94-06 | | 53.67262 | -118.15729 | 0.00 | 45.53 | 0.45 | 0.09 | 48.78 | 0.38 | 4.46 | 0.03 | | |
| PC-94-06 | | 53.67262 | -118.15729 | 0.01 | 49.32 | 0.16 | 0.00 | 48.01 | 0.68 | 1.92 | 0.00 | | |
| R1E | | 59.87480 | -111.49348 | 0.00 | 51.83 | 0.00 | 0.00 | 46.74 | 0.37 | 0.08 | | | |
| WT1 | | 58.65276 | -117.48250 | 0.00 | 53.22 | 0.01 | 0.01 | 44.65 | 2.45 | 0.11 | 0.00 | 0.00 | |
| WT1 | | 58.65276 | -117.48250 | 0.00 | 53.44 | 0.00 | 0.01 | 45.90 | 1.29 | 0.19 | 0.00 | 0.00 | |
| WT1 | | 58.65276 | -117.48250 | 0.00 | 52.04 | 0.00 | 0.00 | 47.54 | 0.82 | 0.08 | 0.00 | 0.01 | |
| WT1 | | 58.65276 | -117.48250 | 0.00 | 53.31 | 0.02 | 0.02 | 45.05 | 2.42 | 0.10 | 0.00 | 0.00 | |
| WT1 | | 58.65276 | -117.48250 | 0.00 | 51.86 | 0.01 | 0.01 | 47.81 | 0.34 | 0.20 | 0.00 | 0.00 | |
| WT1 | | 58.65276 | -117.48250 | 0.01 | 53.86 | 0.02 | 0.04 | 44.84 | 2.39 | 0.12 | 0.00 | 0.00 | |
| WT2 | | 58.67065 | -117.42878 | 0.00 | 52.52 | 0.01 | 0.00 | 46.75 | 0.15 | 0.42 | 0.00 | 0.01 | |
| WT2 | | 58.67065 | -117.42878 | 0.82 | 58.66 | 0.70 | 0.00 | 32.72 | 0.41 | 0.27 | 0.00 | 0.00 | |
| WT3 | | 58.69723 | -117.38554 | 0.00 | 51.50 | 0.00 | 0.01 | 48.16 | 0.63 | 0.12 | 0.00 | 0.00 | |

Ilmenite Data

[illegible]

Ilmenite Data

| Sample | Assessment report name or name of company contributing data |
|-------------|---|
| NAT97-169 | Northern AB Till Geochemistry, AGS |
| NAT97-169 | Northern AB Till Geochemistry, AGS |
| NAT97-169 | Northern AB Till Geochemistry, AGS |
| NAT97-169 | Northern AB Till Geochemistry, AGS |
| NAT97-169 | Northern AB Till Geochemistry, AGS |
| NAT97-169 | Northern AB Till Geochemistry, AGS |
| NAT97-169 | Northern AB Till Geochemistry, AGS |
| NAT97-169 | Northern AB Till Geochemistry, AGS |
| NAT97-169 | Northern AB Till Geochemistry, AGS |
| NAT97-169 | Northern AB Till Geochemistry, AGS |
| NAT97-169 | Northern AB Till Geochemistry, AGS |
| NAT97-169 | Northern AB Till Geochemistry, AGS |
| NAT97-169 | Northern AB Till Geochemistry, AGS |
| NAT97-223-1 | Northern AB Till Geochemistry, AGS |
| NAT97-223-1 | Northern AB Till Geochemistry, AGS |
| P1-04 | Consolidated Carina and Currie Rose Res. Assessment Report |
| P1-06 | Consolidated Carina and Currie Rose Res. Assessment Report |
| P1-09 | Consolidated Carina and Currie Rose Res. Assessment Report |
| P3-03 | Consolidated Carina and Currie Rose Res. Assessment Report |
| P3-05 | Consolidated Carina and Currie Rose Res. Assessment Report |
| PB-14 | Pincher Block Assessment Report |
| Pb-19 | Pincher Block Assessment Report |
| PB-2 | Pincher Block Assessment Report |
| PB-T10 | Pincher Block Assessment Report |
| PC-94-06 | Metallic And Industrial Report for OBED Mountain Coal |
| PC-94-06 | Metallic And Industrial Report for OBED Mountain Coal |
| PC-94-06 | Metallic And Industrial Report for OBED Mountain Coal |
| R1E | Geological Report on Fort Smith and Fitzgerald Area Exploration Project |
| WT1 | 1995 Exploration Report Mount Watt Project Metallic Mineral Permits, High Level |
| WT1 | 1995 Exploration Report Mount Watt Project Metallic Mineral Permits, High Level |
| WT1 | 1995 Exploration Report Mount Watt Project Metallic Mineral Permits, High Level |
| WT1 | 1995 Exploration Report Mount Watt Project Metallic Mineral Permits, High Level |
| WT1 | 1995 Exploration Report Mount Watt Project Metallic Mineral Permits, High Level |
| WT1 | 1995 Exploration Report Mount Watt Project Metallic Mineral Permits, High Level |
| WT2 | 1995 Exploration Report Mount Watt Project Metallic Mineral Permits, High Level |
| WT2 | 1995 Exploration Report Mount Watt Project Metallic Mineral Permits, High Level |
| WT3 | 1995 Exploration Report Mount Watt Project Metallic Mineral Permits, High Level |

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|-------------|---|---------------|
| NAT97-169 | Nat Series of AGS Sampling Program | |
| NAT97-169 | Nat Series of AGS Sampling Program | |
| NAT97-169 | Nat Series of AGS Sampling Program | |
| NAT97-169 | Nat Series of AGS Sampling Program | |
| NAT97-169 | Nat Series of AGS Sampling Program | |
| NAT97-169 | Nat Series of AGS Sampling Program | |
| NAT97-169 | Nat Series of AGS Sampling Program | |
| NAT97-169 | Nat Series of AGS Sampling Program | |
| NAT97-169 | Nat Series of AGS Sampling Program | |
| NAT97-169 | Nat Series of AGS Sampling Program | |
| NAT97-169 | Nat Series of AGS Sampling Program | |
| NAT97-169 | Nat Series of AGS Sampling Program | |
| NAT97-223-1 | Nat Series of AGS Sampling Program | |
| NAT97-223-1 | Nat Series of AGS Sampling Program | |
| P1-04 | Carmon Lake Geochemistry | 19950007 |
| P1-06 | Carmon Lake Geochemistry | 19950007 |
| P1-09 | Carmon Lake Geochemistry | 19950007 |
| P3-03 | Carmon Lake Geochemistry | 19950007 |
| P3-05 | Carmon Lake Geochemistry | 19950007 |
| PB-14 | Geochemical Data for Samples (PB-5, PB-12a, PB-7, PB-14, PB-20, and PB-2) | 19940006 |
| Pb-19 | Geochemical data for Series (Pb-6 to Pb-Pb-25) | 19940006 |
| PB-2 | Geochemical Data for Samples (PB-5, PB-12a, PB-7, PB-14, PB-20, and PB-2) | 19940006 |
| PB-T10 | Geochemical Data for Samples (PB-T6, 8, PB-9, PB-T10, 11, PB-G7 and 12) | 19940006 |
| PC-94-06 | Pinto Creek Geochemistry for Samples (PC-94-1, 6, 9,12, 13A) | 19950001 |
| PC-94-06 | Pinto Creek Geochemistry for Samples (PC-94-1, 6, 9,12, 13A) | 19950001 |
| PC-94-06 | Pinto Creek Geochemistry for Samples (PC-94-1, 6, 9,12, 13A) | 19950001 |
| R1E | Beaver Lake Stream Sediment Samples Geochemistry | 19950011 |
| WT1 | Geochemistry for the WT series | 19950009 |
| WT1 | Geochemistry for the WT series | 19950009 |
| WT1 | Geochemistry for the WT series | 19950009 |
| WT1 | Geochemistry for the WT series | 19950009 |
| WT1 | Geochemistry for the WT series | 19950009 |
| WT1 | Geochemistry for the WT series | 19950009 |
| WT2 | Geochemistry for the WT series | 19950009 |
| WT2 | Geochemistry for the WT series | 19950009 |
| WT3 | Geochemistry for the WT series | 19950009 |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|-----------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|------|------|------|
| WT3 | | 58.69723 | -117.38554 | 0.01 | 51.45 | 0.00 | 0.00 | 45.94 | 2.00 | 0.02 | 0.01 | 0.01 | |
| WT3 | | 58.69723 | -117.38554 | 0.06 | 58.26 | 0.05 | 0.00 | 30.10 | 5.67 | 0.27 | 0.01 | 0.03 | |
| 1024 | 47 | | | 0.03 | 51.52 | 0.01 | 0.19 | 47.26 | 0.44 | 0.50 | 0.00 | 0.00 | 0.00 |
| 1024 | 48 | | | 0.02 | 50.37 | 0.05 | 0.01 | 43.03 | 6.19 | 0.02 | 0.00 | 0.00 | 0.00 |
| 1024 | 49 | | | 0.23 | 61.80 | 0.73 | 0.14 | 31.01 | 0.61 | 0.11 | 0.00 | 0.00 | 0.00 |
| 1024 | 50 | | | 0.22 | 61.83 | 0.18 | 0.03 | 28.26 | 1.34 | 0.12 | 0.00 | 0.00 | 0.00 |
| 10001 | | 51.78278 | -112.12440 | 0.01 | 53.21 | 0.02 | 0.07 | 45.55 | 0.57 | 0.58 | 0.00 | 0.00 | 0.00 |
| 10001 | | 51.78278 | -112.12440 | 0.02 | 51.55 | 0.03 | 0.02 | 45.98 | 2.09 | 0.20 | 0.00 | 0.00 | 0.00 |
| 10001 | | 51.78278 | -112.12440 | 0.01 | 50.11 | 0.02 | 0.00 | 47.97 | 1.73 | 0.30 | 0.00 | 0.00 | 0.00 |
| 10001 | | 51.78278 | -112.12440 | 0.00 | 49.54 | 0.10 | 0.06 | 47.64 | 1.02 | 1.51 | 0.00 | 0.00 | 0.00 |
| 11E | 52 | 53.63950 | -116.33300 | 0.04 | 52.53 | 0.21 | 0.58 | 36.83 | 0.53 | 6.45 | 0.00 | 0.00 | 0.00 |
| 17E | 63 | 53.80856 | -116.34702 | 0.02 | 51.76 | 0.21 | 0.12 | 39.77 | 0.48 | 4.69 | 0.00 | 0.00 | 0.00 |
| 22E | 72 | 53.65898 | -116.70796 | 0.03 | 46.41 | 0.38 | 0.11 | 44.64 | 0.34 | 4.79 | 0.00 | 0.00 | 0.00 |
| 38373-0.7 | 2 | 51.79079 | -112.12873 | 0.00 | 60.04 | 0.11 | 0.04 | 31.97 | 0.22 | 0.02 | 0.00 | 0.00 | 0.00 |
| 38373-1.2 | 3 | 51.79079 | -112.12873 | 0.00 | 53.50 | 0.00 | 0.00 | 44.89 | 2.18 | 0.03 | 0.00 | 0.00 | 0.00 |
| 3E | 30 | 53.55398 | -116.60679 | 0.04 | 52.07 | 0.58 | 0.57 | 31.79 | 0.25 | 12.67 | 0.00 | 0.00 | 0.00 |
| 7BRH017 | 172 | 53.47468 | -117.36957 | 0.03 | 50.26 | 0.23 | 0.32 | 35.26 | 0.27 | 12.10 | 0.00 | 0.04 | 0.03 |
| 7BRT001 | 5 | 53.48949 | -117.10248 | 0.00 | 52.64 | 0.50 | 1.61 | 29.73 | 0.28 | 14.06 | 0.05 | 0.00 | 0.00 |
| 7LCT001 | 8 | 56.29502 | -116.45232 | 0.00 | 53.18 | 0.47 | 0.99 | 29.86 | 0.19 | 15.39 | 0.01 | 0.00 | 0.00 |
| 8CBH008 | 1 | 57.49426 | -111.94774 | 0.01 | 54.18 | 0.2 | 5.4 | 26.02 | 0.26 | 13.84 | | | |
| 8CBH008 | 17 | 57.49426 | -111.94774 | 0.01 | 50.36 | 0.08 | 1.11 | 37.24 | 0.24 | 9.47 | | | |
| 8CBH006 | 7 | 57.49118 | -111.93662 | 0 | 54.53 | 0.03 | 2.13 | 32.03 | 0.32 | 10.67 | | | |
| 8CBH101 | 9 | 55.14750 | -112.97783 | 0.02 | 47.53 | 0.29 | 2.93 | 37.87 | 0.32 | 10.85 | 0.00 | 0.00 | 0.00 |
| 8CBH101 | 10 | 55.14750 | -112.97783 | 0.01 | 52.48 | 0.96 | 1.80 | 29.50 | 1.32 | 13.20 | 0.00 | 0.00 | 0.00 |
| 8CBH101 | 11 | 55.14750 | -112.97783 | 0.01 | 51.80 | 0.56 | 0.37 | 32.14 | 0.22 | 13.80 | 0.00 | 0.00 | 0.00 |
| 8CBH101 | 12 | 55.14750 | -112.97783 | 0.00 | 50.49 | 0.57 | 0.12 | 36.57 | 0.27 | 11.47 | 0.00 | 0.00 | 0.00 |
| 8CBH101 | 14 | 55.14750 | -112.97783 | 0.00 | 50.47 | 0.24 | 1.99 | 32.80 | 0.35 | 12.82 | 0.00 | 0.00 | 0.00 |
| 8CBH101 | 15 | 55.14750 | -112.97783 | 0.00 | 51.77 | 0.45 | 0.55 | 32.72 | 0.27 | 13.16 | 0.00 | 0.00 | 0.00 |
| 8CBH101 | 16 | 55.14750 | -112.97783 | 0.03 | 52.21 | 0.55 | 0.30 | 32.51 | 0.21 | 13.34 | 0.00 | 0.00 | 0.00 |
| 8CBH102 | 8 | 55.15766 | -112.98039 | 0.06 | 46.02 | 0.20 | 4.44 | 36.83 | 0.17 | 12.15 | 0.01 | 0.00 | 0.00 |
| 8CBH102 | 22 | 55.15766 | -112.98039 | 0.08 | 51.14 | 0.55 | 0.24 | 34.69 | 0.22 | 12.44 | 0.00 | 0.00 | 0.00 |
| 8CBH102 | 24 | 55.15766 | -112.98039 | 0.02 | 51.64 | 0.65 | 0.29 | 31.72 | 0.30 | 14.64 | 0.00 | 0.00 | 0.00 |
| 8CBH102 | 27 | 55.15766 | -112.98039 | 0.00 | 52.04 | 0.44 | 0.40 | 32.98 | 0.18 | 12.75 | 0.00 | 0.00 | 0.00 |
| 8CBH102 | 28 | 55.15766 | -112.98039 | 0.00 | 49.90 | 0.12 | 0.30 | 36.65 | 0.24 | 10.75 | 0.00 | 0.00 | 0.00 |
| 8CBH102 | 29 | 55.15766 | -112.98039 | 0.00 | 52.54 | 0.38 | 1.78 | 29.64 | 0.32 | 13.95 | 0.00 | 0.00 | 0.00 |
| 8CBH106 | 46 | 55.15973 | -112.97972 | 0.08 | 51.56 | 0.53 | 0.37 | 33.63 | 0.26 | 12.84 | 0.00 | 0.00 | 0.00 |

Ilmenite Data

[illegible]

Ilmenite Data

| Sample | Assessment report name or name of company contributing data |
|-----------|---|
| WT3 | 1995 Exploration Report Mount Watt Project Metallic Mineral Permits, High Level |
| WT3 | 1995 Exploration Report Mount Watt Project Metallic Mineral Permits, High Level |
| 1024 | Buffalo Diamonds Ltd. |
| 1024 | Buffalo Diamonds Ltd. |
| 1024 | Buffalo Diamonds Ltd. |
| 1024 | Buffalo Diamonds Ltd. |
| 10001 | Buffalo Diamonds Ltd. |
| 10001 | Buffalo Diamonds Ltd. |
| 10001 | Buffalo Diamonds Ltd. |
| 10001 | Buffalo Diamonds Ltd. |
| 11E | Maymac Petroleum Corp. |
| 17E | Maymac Petroleum Corp. |
| 22E | Maymac Petroleum Corp. |
| 38373-0.7 | Buffalo Diamonds Ltd. |
| 38373-1.2 | Buffalo Diamonds Ltd. |
| 3E | Maymac Petroleum Corp. |
| 7BRH017 | Sharata Resources Ltd. |
| 7BRT001 | Sharata Resources Ltd. |
| 7LCT001 | Ultrasonic Industrial Sciences Ltd. |
| 8CBH008 | Tintina Mines Ltd. |
| 8CBH008 | Tintina Mines Ltd. |
| 8CBH006 | Tintina Mines Ltd. |
| 8CBH101 | Buffalo Diamonds Ltd. |
| 8CBH101 | Buffalo Diamonds Ltd. |
| 8CBH101 | Buffalo Diamonds Ltd. |
| 8CBH101 | Buffalo Diamonds Ltd. |
| 8CBH101 | Buffalo Diamonds Ltd. |
| 8CBH101 | Buffalo Diamonds Ltd. |
| 8CBH101 | Buffalo Diamonds Ltd. |
| 8CBH102 | Buffalo Diamonds Ltd. |
| 8CBH102 | Buffalo Diamonds Ltd. |
| 8CBH102 | Buffalo Diamonds Ltd. |
| 8CBH102 | Buffalo Diamonds Ltd. |
| 8CBH102 | Buffalo Diamonds Ltd. |
| 8CBH102 | Buffalo Diamonds Ltd. |
| 8CBH106 | Buffalo Diamonds Ltd. |

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|-----------|--------------------------------|---------------|
| WT3 | Geochemistry for the WT series | 19950009 |
| WT3 | Geochemistry for the WT series | 19950009 |
| 1024 | Chain Lakes | |
| 1024 | Chain Lakes | |
| 1024 | Chain Lakes | |
| 1024 | Chain Lakes | |
| 10001 | Chain Lakes | |
| 10001 | Chain Lakes | |
| 10001 | Chain Lakes | |
| 10001 | Chain Lakes | |
| 11E | Edson | |
| 17E | Edson | |
| 22E | Edson | |
| 38373-0.7 | Chain Lakes | |
| 38373-1.2 | Chain Lakes | |
| 3E | Edson | |
| 7BRH017 | Edson | |
| 7BRT001 | Edson | |
| 7LCT001 | | |
| 8CBH008 | | |
| 8CBH008 | | |
| 8CBH006 | | |
| 8CBH101 | Calling Lake | |
| 8CBH101 | Calling Lake | |
| 8CBH101 | Calling Lake | |
| 8CBH101 | Calling Lake | |
| 8CBH101 | Calling Lake | |
| 8CBH101 | Calling Lake | |
| 8CBH101 | Calling Lake | |
| 8CBH102 | Calling Lake | |
| 8CBH102 | Calling Lake | |
| 8CBH102 | Calling Lake | |
| 8CBH102 | Calling Lake | |
| 8CBH102 | Calling Lake | |
| 8CBH102 | Calling Lake | |
| 8CBH106 | Calling Lake | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|-------------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|------|------|------|
| 8CBH106 | 47 | 55.15973 | -112.97972 | 0.06 | 51.01 | 0.59 | 0.56 | 33.28 | 0.18 | 12.87 | 0.00 | 0.00 | 0.00 |
| 8CBH106 | 48 | 55.15973 | -112.97972 | 0.00 | 49.09 | 0.47 | 0.08 | 38.36 | 0.21 | 10.35 | 0.00 | 0.00 | 0.00 |
| 8CBH106 | 49 | 55.15973 | -112.97972 | 0.00 | 51.26 | 0.56 | 0.65 | 33.03 | 0.24 | 12.80 | 0.00 | 0.00 | 0.00 |
| 8CBH106 | 50 | 55.15973 | -112.97972 | 0.00 | 51.56 | 0.66 | 0.54 | 32.65 | 0.20 | 12.99 | 0.00 | 0.00 | 0.00 |
| 8CBH106 | 51 | 55.15973 | -112.97972 | 0.00 | 50.97 | 0.44 | 0.18 | 35.44 | 0.29 | 12.17 | 0.00 | 0.00 | 0.00 |
| 8CBH106 | 52 | 55.15973 | -112.97972 | 0.03 | 53.79 | 0.41 | 0.68 | 29.11 | 0.32 | 14.80 | 0.00 | 0.00 | 0.00 |
| 8CBH106 | 53 | 55.15973 | -112.97972 | 0.08 | 50.90 | 0.52 | 0.18 | 35.48 | 0.25 | 11.79 | 0.00 | 0.00 | 0.00 |
| 8CBH106 | 55 | 55.15973 | -112.97972 | 0.04 | 52.23 | 0.29 | 0.62 | 33.33 | 0.30 | 12.62 | 0.00 | 0.00 | 0.00 |
| 8CBH106 | 56 | 55.15973 | -112.97972 | 0.00 | 50.83 | 0.17 | 1.96 | 32.81 | 0.19 | 12.83 | 0.00 | 0.00 | 0.00 |
| 8CBH106 | 57 | 55.15973 | -112.97972 | 0.03 | 53.98 | 0.48 | 0.71 | 28.42 | 0.25 | 14.88 | 0.00 | 0.00 | 0.00 |
| 8CBH106 | 58 | 55.15973 | -112.97972 | 0.00 | 50.91 | 0.54 | 0.22 | 34.94 | 0.26 | 12.05 | 0.00 | 0.00 | 0.00 |
| 8CBH106 | 59 | 55.15973 | -112.97972 | 0.00 | 52.88 | 0.29 | 0.91 | 30.46 | 0.24 | 14.51 | 0.00 | 0.00 | 0.00 |
| 8CBH106 | 60 | 55.15973 | -112.97972 | 0.08 | 50.89 | 0.48 | 0.31 | 34.80 | 0.23 | 12.33 | 0.00 | 0.00 | 0.00 |
| 8CBH106 | 61 | 55.15973 | -112.97972 | 0.02 | 47.66 | 0.04 | 3.23 | 36.46 | 0.38 | 10.64 | 0.00 | 0.00 | 0.00 |
| 8CBH106 | 11 | 55.15973 | -112.97972 | 0.06 | 45.40 | 0.37 | 4.46 | 37.05 | 0.29 | 11.14 | 0.05 | 0.00 | 0.00 |
| 8CBT245 | 20 | 55.37761 | -113.33643 | 0.04 | 54.98 | 0.29 | 0.66 | 28.43 | 0.37 | 15.65 | 0.02 | 0.00 | 0.00 |
| 8CBT277 | 125 | 55.16678 | -112.91099 | 0.02 | 53.40 | 0.30 | 0.85 | 31.21 | 0.32 | 14.45 | 0.00 | 0.00 | 0.00 |
| 8CH01-001 | 2 | 57.50717 | -118.47217 | 0.01 | 52.20 | 0.44 | 0.43 | 33.47 | 0.32 | 12.48 | 0.00 | 0.00 | 0.00 |
| 8CH04-002 | 4 | 57.18000 | -118.44500 | 0.03 | 54.05 | 0.50 | 0.47 | 31.19 | 0.32 | 12.93 | 0.00 | 0.00 | 0.00 |
| 8CH06/07-GS | 1 | 57.43467 | -118.41817 | 0.01 | 47.92 | 0.00 | 0.44 | 44.04 | 0.40 | 5.49 | 0.00 | 0.00 | 0.00 |
| 8CH06/07-GS | 2 | 57.43467 | -118.41817 | 0.04 | 47.83 | 0.03 | 0.44 | 44.21 | 0.41 | 5.13 | 0.00 | 0.00 | 0.00 |
| 8CH06/07-GS | 3 | 57.43467 | -118.41817 | 0.03 | 48.28 | 0.02 | 0.43 | 42.84 | 0.39 | 6.20 | 0.00 | 0.00 | 0.00 |
| 8CH06/07-GS | 4 | 57.43467 | -118.41817 | 0.03 | 48.61 | 0.03 | 0.60 | 43.58 | 0.44 | 5.04 | 0.00 | 0.00 | 0.00 |
| 8CH06/07-GS | 9 | 57.43467 | -118.41817 | 0.01 | 52.81 | 0.07 | 0.06 | 37.17 | 0.48 | 8.56 | 0.00 | 0.00 | 0.00 |
| 8CH06/07-GS | 10 | 57.43467 | -118.41817 | 0.01 | 52.22 | 0.05 | 0.87 | 36.64 | 0.35 | 8.57 | 0.00 | 0.00 | 0.00 |
| 8CH06/07-GS | 5a | 57.43467 | -118.41817 | 0.02 | 50.36 | 0.06 | 0.13 | 39.97 | 0.68 | 7.35 | 0.00 | 0.00 | 0.00 |
| 8CH06/07-GS | 5b | 57.43467 | -118.41817 | 0.02 | 51.42 | 0.07 | 0.07 | 37.34 | 0.52 | 9.45 | 0.00 | 0.00 | 0.00 |
| 8CH06/07-GS | 6a | 57.43467 | -118.41817 | 0.03 | 50.99 | 0.05 | 0.20 | 38.46 | 0.48 | 8.55 | 0.00 | 0.00 | 0.00 |
| 8CH06/07-GS | 6b | 57.43467 | -118.41817 | 0.01 | 52.05 | 0.15 | 0.25 | 35.02 | 0.47 | 10.82 | 0.00 | 0.00 | 0.00 |
| 8CH06/07-GS | 8a | 57.43467 | -118.41817 | 0.01 | 52.27 | 0.06 | 0.65 | 35.96 | 0.35 | 9.84 | 0.00 | 0.00 | 0.00 |
| 8CH06/07-GS | 8b | 57.43467 | -118.41817 | 0.01 | 53.49 | 0.06 | 0.98 | 31.84 | 0.42 | 12.66 | 0.00 | 0.00 | 0.00 |
| 8CH10-001 | 3 | 57.54033 | -118.47083 | 0.00 | 45.63 | 0.27 | 0.05 | 47.34 | 0.78 | 3.93 | 0.00 | 0.00 | 0.00 |
| 8DCH002 | 7 | 55.24168 | -113.09151 | 0.01 | 54.16 | 0.44 | 1.08 | 29.81 | 0.28 | 14.94 | 0.08 | 0.00 | 0.00 |
| 8DCT008 | 4 | 55.15464 | -113.28928 | 0.04 | 50.06 | 0.00 | 0.36 | 37.43 | 0.26 | 10.43 | 0.00 | 0.54 | 0.00 |
| 8DCT021 | 8 | 55.14581 | -113.23492 | 0.00 | 50.98 | 0.27 | 0.32 | 35.45 | 0.32 | 11.86 | 0.00 | 0.00 | 0.00 |
| 8DCT048 | 121 | 55.26635 | -113.63553 | 0.00 | 42.74 | 0.04 | 3.88 | 40.17 | 0.34 | 8.40 | 0.00 | 0.00 | 0.00 |

Ilmenite Data

[illegible]

Ilmenite Data

| Sample | Assessment report name or name of company contributing data |
|-------------|---|
| 8CBH106 | Buffalo Diamonds Ltd. |
| 8CBH106 | Buffalo Diamonds Ltd. |
| 8CBH106 | Buffalo Diamonds Ltd. |
| 8CBH106 | Buffalo Diamonds Ltd. |
| 8CBH106 | Buffalo Diamonds Ltd. |
| 8CBH106 | Buffalo Diamonds Ltd. |
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| 8CBH106 | Buffalo Diamonds Ltd. |
| 8CBH106 | Buffalo Diamonds Ltd. |
| 8CBH106 | Buffalo Diamonds Ltd. |
| 8CBH106 | Buffalo Diamonds Ltd. |
| 8CBT245 | Buffalo Diamonds Ltd. |
| 8CBT277 | Buffalo Diamonds Ltd. |
| 8CH01-001 | Marum Resources Inc. |
| 8CH04-002 | Marum Resources Inc. |
| 8CH06/07-GS | Marum Resources Inc. |
| 8CH06/07-GS | Marum Resources Inc. |
| 8CH06/07-GS | Marum Resources Inc. |
| 8CH06/07-GS | Marum Resources Inc. |
| 8CH06/07-GS | Marum Resources Inc. |
| 8CH06/07-GS | Marum Resources Inc. |
| 8CH06/07-GS | Marum Resources Inc. |
| 8CH06/07-GS | Marum Resources Inc. |
| 8CH06/07-GS | Marum Resources Inc. |
| 8CH06/07-GS | Marum Resources Inc. |
| 8CH06/07-GS | Marum Resources Inc. |
| 8CH06/07-GS | Marum Resources Inc. |
| 8CH06/07-GS | Marum Resources Inc. |
| 8CH06/07-GS | Marum Resources Inc. |
| 8CH10-001 | Marum Resources Inc. |
| 8DCH002 | Buffalo Diamonds Ltd. |
| 8DCT008 | Buffalo Diamonds Ltd. |
| 8DCT021 | Buffalo Diamonds Ltd. |
| 8DCT048 | Buffalo Diamonds Ltd. |

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|-------------|-------------------------------|---------------|
| 8CBH106 | Calling Lake | |
| 8CBH106 | Calling Lake | |
| 8CBH106 | Calling Lake | |
| 8CBH106 | Calling Lake | |
| 8CBH106 | Calling Lake | |
| 8CBH106 | Calling Lake | |
| 8CBH106 | Calling Lake | |
| 8CBH106 | Calling Lake | |
| 8CBH106 | Calling Lake | |
| 8CBH106 | Calling Lake | |
| 8CBH106 | Calling Lake | |
| 8CBH106 | Calling Lake | |
| 8CBH106 | Calling Lake | |
| 8CBH106 | Calling Lake | |
| 8CBH106 | Calling Lake | |
| 8CBT245 | Calling Lake | |
| 8CBT277 | Calling Lake | |
| 8CH01-001 | Marum 1998 drilling chinchaga | |
| 8CH04-002 | Marum 1998 drilling chinchaga | |
| 8CH06/07-GS | Marum 1998 drilling chinchaga | |
| 8CH06/07-GS | Marum 1998 drilling chinchaga | |
| 8CH06/07-GS | Marum 1998 drilling chinchaga | |
| 8CH06/07-GS | Marum 1998 drilling chinchaga | |
| 8CH06/07-GS | Marum 1998 drilling chinchaga | |
| 8CH06/07-GS | Marum 1998 drilling chinchaga | |
| 8CH06/07-GS | Marum 1998 drilling chinchaga | |
| 8CH06/07-GS | Marum 1998 drilling chinchaga | |
| 8CH06/07-GS | Marum 1998 drilling chinchaga | |
| 8CH06/07-GS | Marum 1998 drilling chinchaga | |
| 8CH06/07-GS | Marum 1998 drilling chinchaga | |
| 8CH06/07-GS | Marum 1998 drilling chinchaga | |
| 8CH06/07-GS | Marum 1998 drilling chinchaga | |
| 8CH10-001 | Marum 1998 drilling chinchaga | |
| 8DCH002 | Calling Lake | |
| 8DCT008 | Calling Lake | |
| 8DCT021 | Calling Lake | |
| 8DCT048 | Calling Lake | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|---------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|------|------|------|
| 8DCT049 | 122 | 55.07585 | -113.31407 | 0.00 | 51.61 | 0.54 | 0.28 | 34.61 | 0.21 | 12.30 | 0.00 | 0.00 | 0.00 |
| 8DCT161 | 9 | 51.73602 | -111.92480 | 0.02 | 50.04 | 0.02 | 0.10 | 47.79 | 0.83 | 0.37 | 0.00 | 0.00 | 0.00 |
| 8DCT161 | 10 | 51.73602 | -111.92480 | 0.00 | 50.01 | 0.02 | 0.01 | 45.81 | 3.57 | 0.15 | 0.00 | 0.00 | 0.00 |
| 8DCT196 | 2 | 51.79452 | -112.27538 | 0.00 | 51.82 | 0.02 | 0.06 | 46.20 | 1.52 | 0.06 | 0.00 | 0.00 | 0.00 |
| 8DCT197 | 3 | 51.79403 | -112.28257 | 0.02 | 54.53 | 0.05 | 0.07 | 40.96 | 0.82 | 0.12 | 0.00 | 0.00 | 0.00 |
| 8DCT199 | 4 | 51.79442 | -112.29684 | 0.01 | 50.14 | 0.03 | 0.00 | 47.31 | 0.43 | 0.67 | 0.00 | 0.00 | 0.00 |
| 8DCT200 | 5 | 51.97409 | -112.30876 | 0.02 | 50.87 | 0.02 | 0.00 | 45.42 | 3.44 | 0.02 | 0.00 | 0.00 | 0.00 |
| 8DCT213 | 6 | 51.79520 | -111.88356 | 0.59 | 66.82 | 0.31 | 0.03 | 21.90 | 0.85 | 0.12 | 0.00 | 0.00 | 0.00 |
| 8DCT215 | 11 | 51.79490 | -111.89745 | 0.03 | 50.25 | 0.01 | 0.00 | 46.27 | 2.60 | 0.09 | 0.00 | 0.00 | 0.00 |
| 8DCT215 | 12 | 51.79490 | -111.89745 | 0.02 | 51.09 | 0.20 | 0.44 | 36.85 | 0.28 | 9.30 | 0.00 | 0.00 | 0.00 |
| 8DCT218 | 13 | 51.79293 | -111.91729 | 0.00 | 52.57 | 0.04 | 0.03 | 45.99 | 0.19 | 0.85 | 0.00 | 0.00 | 0.00 |
| 8DCT218 | 14 | 51.79293 | -111.91729 | 0.02 | 51.40 | 0.00 | 0.04 | 48.26 | 0.54 | 0.13 | 0.00 | 0.00 | 0.00 |
| 8DCT218 | 15 | 51.79293 | -111.91729 | 0.09 | 57.31 | 0.07 | 0.03 | 34.02 | 1.44 | 0.29 | 0.00 | 0.00 | 0.00 |
| 8DCT218 | 16 | 51.79293 | -111.91729 | 0.01 | 52.42 | 0.04 | 0.01 | 46.27 | 0.70 | 0.40 | 0.00 | 0.00 | 0.00 |
| 8DCT219 | 7 | 51.79469 | -111.92666 | 0.01 | 52.55 | 0.01 | 0.00 | 48.48 | 0.80 | 0.22 | 0.00 | 0.00 | 0.00 |
| 8DCT219 | 8 | 51.79469 | -111.92666 | 0.01 | 52.64 | 0.02 | 0.02 | 46.48 | 0.74 | 0.42 | 0.00 | 0.00 | 0.00 |
| 8DCT242 | 17 | 51.96906 | -112.10584 | 0.04 | 50.70 | 0.04 | 0.16 | 47.91 | 0.48 | 0.45 | 0.00 | 0.00 | 0.00 |
| 8DCT242 | 18 | 51.96906 | -112.10584 | 0.04 | 53.14 | 0.03 | 0.07 | 44.33 | 0.20 | 1.24 | 0.00 | 0.00 | 0.00 |
| 8LCH303 | 1 | 55.13711 | -112.94855 | 0.05 | 49.97 | 0.53 | 0.28 | 35.82 | 0.23 | 11.82 | 0.03 | 0.00 | 0.00 |
| 8LCH308 | 3 | 55.19558 | -113.19445 | 0.01 | 52.63 | 0.12 | 2.55 | 31.23 | 0.31 | 13.60 | 0.08 | 0.00 | 0.00 |
| 8LCH308 | 87 | 55.19558 | -113.19445 | 0.05 | 50.72 | 0.58 | 1.30 | 34.00 | 0.24 | 12.67 | 0.00 | 0.00 | 0.00 |
| 8LCH308 | 88 | 55.19558 | -113.19445 | 0.06 | 52.24 | 0.63 | 0.59 | 33.12 | 0.17 | 13.11 | 0.00 | 0.00 | 0.00 |
| 8LCH308 | 89 | 55.19558 | -113.19445 | 0.01 | 52.93 | 0.37 | 1.47 | 30.05 | 0.28 | 14.42 | 0.00 | 0.00 | 0.00 |
| 8LCH308 | 90 | 55.19558 | -113.19445 | 0.00 | 51.89 | 0.66 | 0.56 | 33.22 | 0.24 | 13.27 | 0.00 | 0.00 | 0.00 |
| 8LCH308 | 92 | 55.19558 | -113.19445 | 0.07 | 50.06 | 0.55 | 0.95 | 35.20 | 0.30 | 12.07 | 0.00 | 0.00 | 0.00 |
| 8LCH314 | 2 | 55.12181 | -112.92923 | 0.03 | 52.00 | 0.56 | 0.33 | 34.56 | 0.22 | 13.08 | 0.03 | 0.00 | 0.00 |
| 8LCH317 | 6 | 55.13404 | -112.93714 | 0.06 | 51.77 | 0.54 | 0.26 | 35.01 | 0.24 | 12.89 | 0.08 | 0.00 | 0.00 |
| 8LCT114 | 2 | 55.29431 | -113.26005 | 0.04 | 47.94 | 0.19 | 0.27 | 42.42 | 0.35 | 7.87 | 0.00 | 0.00 | 0.00 |
| 8LCT114 | 2 M | 55.29431 | -113.26005 | 0.03 | 56.08 | 0.17 | 2.43 | 21.51 | 0.62 | 18.10 | 0.00 | 0.00 | 0.00 |
| 8LCT119 | 1 | 55.31565 | -113.26982 | 0.05 | 51.62 | 0.45 | 1.04 | 33.11 | 0.34 | 12.32 | 0.00 | 0.00 | 0.00 |
| 8LCT122 | 2 | 55.32919 | -113.28816 | 0.09 | 51.38 | 0.26 | 0.67 | 36.99 | 0.26 | 10.92 | 0.00 | 0.00 | 0.00 |
| 8LCT123 | 3 | 55.33253 | -113.30193 | 0.01 | 51.77 | 0.58 | 0.19 | 35.09 | 0.25 | 12.13 | 0.00 | 0.00 | 0.00 |
| 8LCT128 | 98 | 55.18063 | -113.02436 | 0.00 | 47.11 | 0.25 | 2.63 | 37.12 | 0.24 | 10.63 | 0.00 | 0.00 | 0.00 |
| 8LCT128 | 99 | 55.18063 | -113.02436 | 0.00 | 46.94 | 0.26 | 2.60 | 37.43 | 0.20 | 10.35 | 0.00 | 0.00 | 0.00 |
| 8LCT136 | 110 | 55.13920 | -113.03283 | 0.03 | 53.31 | 0.29 | 1.28 | 30.80 | 0.21 | 14.40 | 0.00 | 0.00 | 0.00 |
| 8LCT136 | 114 | 55.13920 | -113.03283 | 0.00 | 53.00 | 0.00 | 0.00 | 43.54 | 0.29 | 0.16 | 0.00 | 0.00 | 0.00 |

Ilmenite Data

[illegible]

Ilmenite Data

| Sample | Assessment report name or name of company contributing data |
|---------|---|
| 8DCT049 | Buffalo Diamonds Ltd. |
| 8DCT161 | Buffalo Diamonds Ltd. |
| 8DCT161 | Buffalo Diamonds Ltd. |
| 8DCT196 | Buffalo Diamonds Ltd. |
| 8DCT197 | Buffalo Diamonds Ltd. |
| 8DCT199 | Buffalo Diamonds Ltd. |
| 8DCT200 | Buffalo Diamonds Ltd. |
| 8DCT213 | Buffalo Diamonds Ltd. |
| 8DCT215 | Buffalo Diamonds Ltd. |
| 8DCT215 | Buffalo Diamonds Ltd. |
| 8DCT218 | Buffalo Diamonds Ltd. |
| 8DCT218 | Buffalo Diamonds Ltd. |
| 8DCT218 | Buffalo Diamonds Ltd. |
| 8DCT218 | Buffalo Diamonds Ltd. |
| 8DCT219 | Buffalo Diamonds Ltd. |
| 8DCT219 | Buffalo Diamonds Ltd. |
| 8DCT242 | Buffalo Diamonds Ltd. |
| 8DCT242 | Buffalo Diamonds Ltd. |
| 8LCH303 | Buffalo Diamonds Ltd. |
| 8LCH308 | Buffalo Diamonds Ltd. |
| 8LCH308 | Buffalo Diamonds Ltd. |
| 8LCH308 | Buffalo Diamonds Ltd. |
| 8LCH308 | Buffalo Diamonds Ltd. |
| 8LCH308 | Buffalo Diamonds Ltd. |
| 8LCH308 | Buffalo Diamonds Ltd. |
| 8LCH308 | Buffalo Diamonds Ltd. |
| 8LCH314 | Buffalo Diamonds Ltd. |
| 8LCH317 | Buffalo Diamonds Ltd. |
| 8LCT114 | Buffalo Diamonds Ltd. |
| 8LCT114 | Buffalo Diamonds Ltd. |
| 8LCT119 | Buffalo Diamonds Ltd. |
| 8LCT122 | Buffalo Diamonds Ltd. |
| 8LCT123 | Buffalo Diamonds Ltd. |
| 8LCT128 | Buffalo Diamonds Ltd. |
| 8LCT128 | Buffalo Diamonds Ltd. |
| 8LCT136 | Buffalo Diamonds Ltd. |
| 8LCT136 | Buffalo Diamonds Ltd. |

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|---------|-------------------------------|---------------|
| 8DCT049 | Calling Lake | |
| 8DCT161 | Chain Lakes | |
| 8DCT161 | Chain Lakes | |
| 8DCT196 | Chain Lakes | |
| 8DCT197 | Chain Lakes | |
| 8DCT199 | Chain Lakes | |
| 8DCT200 | Chain Lakes | |
| 8DCT213 | Chain Lakes | |
| 8DCT215 | Chain Lakes | |
| 8DCT215 | Chain Lakes | |
| 8DCT218 | Chain Lakes | |
| 8DCT218 | Chain Lakes | |
| 8DCT218 | Chain Lakes | |
| 8DCT218 | Chain Lakes | |
| 8DCT219 | Chain Lakes | |
| 8DCT219 | Chain Lakes | |
| 8DCT242 | Chain Lakes | |
| 8DCT242 | Chain Lakes | |
| 8LCH303 | Calling Lake | |
| 8LCH308 | Calling Lake | |
| 8LCH308 | Calling Lake | |
| 8LCH308 | Calling Lake | |
| 8LCH308 | Calling Lake | |
| 8LCH308 | Calling Lake | |
| 8LCH308 | Calling Lake | |
| 8LCH314 | Calling Lake | |
| 8LCH317 | Calling Lake | |
| 8LCT114 | Calling Lake | |
| 8LCT114 | Calling Lake | |
| 8LCT119 | Calling Lake | |
| 8LCT122 | Calling Lake | |
| 8LCT123 | Calling Lake | |
| 8LCT128 | Calling Lake | |
| 8LCT128 | Calling Lake | |
| 8LCT136 | Calling Lake | |
| 8LCT136 | Calling Lake | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|---------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|------|------|------|
| 8LCT143 | 9 | 55.10568 | -113.25334 | 0.00 | 50.04 | 0.24 | 0.55 | 36.10 | 0.39 | 11.77 | 0.00 | 0.00 | 0.00 |
| 8LCT144 | 11 | 55.10123 | -113.25865 | 0.00 | 52.64 | 0.53 | 0.31 | 34.59 | 0.26 | 12.40 | 0.06 | 0.00 | 0.00 |
| 8LCT145 | 12 | 55.09744 | -113.26209 | 0.03 | 47.61 | 0.31 | 3.41 | 36.19 | 0.24 | 11.59 | 0.00 | 0.00 | 0.00 |
| 8LCT150 | 14 | 55.07573 | -113.30827 | 0.04 | 50.11 | 0.58 | 0.96 | 34.35 | 0.23 | 12.55 | 0.03 | 0.00 | 0.00 |
| 8LCT157 | 13 | 55.18400 | -113.35218 | 0.00 | 51.18 | 0.49 | 1.11 | 33.89 | 0.29 | 13.24 | 0.09 | 0.00 | 0.00 |
| 8LCT175 | 15 | 55.34395 | -113.34158 | 0.07 | 54.12 | 0.53 | 0.81 | 28.75 | 0.25 | 15.94 | 0.01 | 0.00 | 0.00 |
| 8LCT175 | 16 | 55.34395 | -113.34158 | 0.03 | 50.96 | 0.51 | 0.84 | 34.62 | 0.31 | 12.58 | 0.08 | 0.00 | 0.00 |
| 8LCT176 | 17 | 55.34493 | -113.34969 | 0.05 | 54.82 | 0.52 | 0.89 | 28.91 | 0.31 | 15.92 | 0.00 | 0.00 | 0.00 |
| 8LCT176 | 18 | 55.34493 | -113.34969 | 0.00 | 50.88 | 0.50 | 0.91 | 35.82 | 0.25 | 12.26 | 0.00 | 0.00 | 0.00 |
| 8LCT311 | 9 | 54.96699 | -113.90340 | 0.02 | 50.96 | 0.59 | 0.30 | 33.75 | 0.19 | 13.22 | 0.00 | 0.00 | 0.08 |
| 8LCT311 | 10 | 54.96699 | -113.90340 | 0.00 | 49.88 | 0.53 | 0.14 | 35.51 | 0.23 | 11.71 | 0.00 | 0.00 | 0.08 |
| 8LCT314 | 11 | 54.99446 | -113.97864 | 0.03 | 51.74 | 0.64 | 0.50 | 31.32 | 0.22 | 14.31 | 0.00 | 0.00 | 0.14 |
| 8LCT319 | 12 | 54.99298 | -113.75819 | 0.08 | 51.98 | 0.63 | 0.57 | 31.46 | 0.27 | 13.80 | 0.00 | 0.00 | 0.13 |
| 8LCT406 | 1 | 55.16651 | -112.93240 | 0.06 | 51.06 | 0.67 | 0.40 | 31.84 | 0.21 | 13.98 | 0.00 | 0.00 | 0.06 |
| 8LCT427 | 4 | 55.30646 | -113.15864 | 0.00 | 47.07 | 0.46 | 0.14 | 39.00 | 0.27 | 10.09 | 0.00 | 0.00 | 0.04 |
| 8LCT441 | 6 | 55.14224 | -112.90247 | 0.00 | 51.17 | 0.31 | 0.91 | 35.03 | 0.18 | 11.54 | 0.00 | 0.00 | 0.15 |
| 8LCT443 | 7 | 55.14104 | -112.89088 | 0.02 | 51.44 | 0.57 | 0.45 | 32.43 | 0.27 | 13.29 | 0.00 | 0.00 | 0.11 |
| 8LCT443 | 8 | 55.14104 | -112.89088 | 0.01 | 46.84 | 0.32 | 3.95 | 35.79 | 0.33 | 10.94 | 0.00 | 0.00 | 0.11 |
| 8LCT444 | 10 | 55.12134 | -112.87337 | 0.03 | 51.75 | 0.54 | 0.55 | 32.58 | 0.23 | 12.76 | 0.00 | 0.00 | 0.10 |
| 8LCT445 | 9 | 55.12419 | -112.87326 | 0.01 | 50.78 | 0.31 | 0.44 | 33.95 | 0.28 | 12.40 | 0.00 | 0.00 | 0.05 |
| 8LCT702 | 2 | 54.90745 | -112.96175 | 0.00 | 53.81 | 0.52 | 1.34 | 27.79 | 0.29 | 15.70 | 0.00 | 0.00 | 0.00 |
| 8MDT107 | 2 | 57.56265 | -118.43993 | 0.00 | 53.55 | 0.51 | 0.85 | 28.90 | 0.26 | 15.60 | 0.00 | 0.00 | 0.00 |
| 8PMT010 | 5 | 55.10101 | -113.13918 | 0.02 | 54.21 | 0.66 | 1.19 | 25.63 | 0.22 | 16.67 | 0.00 | 0.00 | 0.00 |
| 8PMT014 | 7 | 55.30859 | -113.25817 | 0.00 | 51.45 | 0.82 | 1.34 | 30.47 | 0.20 | 14.90 | 0.00 | 0.00 | 0.00 |
| 8PMT301 | 6 | 55.07159 | -113.62002 | 0.02 | 50.77 | 0.29 | 0.44 | 33.03 | 0.26 | 12.93 | 0.00 | 0.00 | 0.01 |
| 8SJH002 | 12 | 55.15510 | -112.98508 | 0.04 | 51.76 | 0.57 | 0.63 | 33.32 | 0.23 | 13.39 | 0.00 | 0.00 | 0.00 |
| 8SJH004 | 14 | 55.16988 | -113.01733 | 0.01 | 54.51 | 0.42 | 0.99 | 29.00 | 0.30 | 15.85 | 0.08 | 0.00 | 0.00 |
| 8SJH004 | 15 | 55.16988 | -113.01733 | 0.01 | 54.26 | 0.43 | 0.55 | 29.69 | 0.32 | 15.20 | 0.08 | 0.00 | 0.00 |
| 8SJT215 | 11 | 55.13925 | -112.95531 | 0.04 | 52.93 | 0.47 | 0.80 | 28.20 | 0.29 | 15.43 | 0.00 | 0.00 | 0.10 |
| 8SJT302 | 1 | 55.02337 | -113.80387 | 0.00 | 45.70 | 0.16 | 1.74 | 41.06 | 0.32 | 8.78 | 0.00 | 0.00 | 0.06 |
| 9803S | 15 | 55.18160 | -113.21187 | 0.05 | 55.01 | 0.98 | 0.97 | 27.58 | 0.37 | 14.65 | 0.00 | 0.00 | 0.00 |
| 9803S | 27 | 55.18160 | -113.21187 | 0.04 | 54.78 | 0.54 | 0.65 | 29.99 | 0.22 | 12.98 | 0.00 | 0.00 | 0.00 |
| 9816LPJ | 12 | 55.18398 | -112.84370 | 0.06 | 48.48 | 0.17 | 0.02 | 47.35 | 0.41 | 2.21 | 0.00 | 0.00 | 0.00 |
| 9DCH006 | 72 | 54.83589 | -116.42729 | 0.06 | 52.36 | 0.58 | 0.18 | 34.30 | 0.27 | 12.48 | 0.00 | 0.00 | 0.00 |
| 9SJH004 | 91 | 54.90082 | -116.41057 | 0.06 | 54.09 | 0.47 | 0.90 | 29.32 | 0.25 | 15.05 | 0.00 | 0.00 | 0.00 |
| 9TK001 | 1 | 54.67549 | -110.21294 | 0.00 | 52.50 | 0.57 | 0.55 | 33.87 | 0.23 | 12.57 | 0.00 | 0.00 | 0.00 |

Ilmenite Data

[illegible]

Ilmenite Data

| Sample | Assessment report name or name of company contributing data |
|---------|---|
| 8LCT143 | Buffalo Diamonds Ltd. |
| 8LCT144 | Buffalo Diamonds Ltd. |
| 8LCT145 | Buffalo Diamonds Ltd. |
| 8LCT150 | Buffalo Diamonds Ltd. |
| 8LCT157 | Buffalo Diamonds Ltd. |
| 8LCT175 | Buffalo Diamonds Ltd. |
| 8LCT175 | Buffalo Diamonds Ltd. |
| 8LCT176 | Buffalo Diamonds Ltd. |
| 8LCT176 | Buffalo Diamonds Ltd. |
| 8LCT311 | Buffalo Diamonds Ltd. |
| 8LCT311 | Buffalo Diamonds Ltd. |
| 8LCT314 | Buffalo Diamonds Ltd. |
| 8LCT319 | Buffalo Diamonds Ltd. |
| 8LCT406 | Buffalo Diamonds Ltd. |
| 8LCT427 | Buffalo Diamonds Ltd. |
| 8LCT441 | Buffalo Diamonds Ltd. |
| 8LCT443 | Buffalo Diamonds Ltd. |
| 8LCT443 | Buffalo Diamonds Ltd. |
| 8LCT444 | Buffalo Diamonds Ltd. |
| 8LCT445 | Buffalo Diamonds Ltd. |
| 8LCT702 | Bohautu Diamonds Ltd. |
| 8MDT107 | Marum Resources Inc. |
| 8PMT010 | Buffalo Diamonds Ltd. |
| 8PMT014 | Buffalo Diamonds Ltd. |
| 8PMT301 | Buffalo Diamonds Ltd. |
| 8SJH002 | Buffalo Diamonds Ltd. |
| 8SJH004 | Buffalo Diamonds Ltd. |
| 8SJH004 | Buffalo Diamonds Ltd. |
| 8SJT215 | Buffalo Diamonds Ltd. |
| 8SJT302 | Buffalo Diamonds Ltd. |
| 9803S | Buffalo Diamonds Ltd. |
| 9803S | Buffalo Diamonds Ltd. |
| 9816LPJ | Buffalo Diamonds Ltd. |
| 9DCH006 | Sovereign Mining and Exploration Ltd. |
| 9SJH004 | Sovereign Mining and Exploration Ltd. |
| 9TK001 | Brilliant Mining Corporation |

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|---------|-------------------------------|---------------|
| 8LCT143 | Calling Lake | |
| 8LCT144 | Calling Lake | |
| 8LCT145 | Calling Lake | |
| 8LCT150 | Calling Lake | |
| 8LCT157 | Calling Lake | |
| 8LCT175 | Calling Lake | |
| 8LCT175 | Calling Lake | |
| 8LCT176 | Calling Lake | |
| 8LCT176 | Calling Lake | |
| 8LCT311 | Calling Lake | |
| 8LCT311 | Calling Lake | |
| 8LCT314 | Calling Lake | |
| 8LCT319 | Calling Lake | |
| 8LCT406 | Calling Lake | |
| 8LCT427 | Calling Lake | |
| 8LCT441 | Calling Lake | |
| 8LCT443 | Calling Lake | |
| 8LCT443 | Calling Lake | |
| 8LCT444 | Calling Lake | |
| 8LCT445 | Calling Lake | |
| 8LCT702 | | |
| 8MDT107 | Marum surface 1998 chinchaga | |
| 8PMT010 | Calling Lake | |
| 8PMT014 | Calling Lake | |
| 8PMT301 | Calling Lake | |
| 8SJH002 | Calling Lake | |
| 8SJH004 | Calling Lake | |
| 8SJH004 | Calling Lake | |
| 8SJT215 | Calling Lake | |
| 8SJT302 | Calling Lake | |
| 9803S | Calling Lake | |
| 9803S | Calling Lake | |
| 9816LPJ | Calling Lake | |
| 9DCH006 | sovereign swan hills | |
| 9SJH004 | sovereign swan hills | |
| 9TK001 | | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|------------|----------|-------------|-------------------|--------|---------|--------|--------|---------|---------|---------|------|------|------|
| 9TK003 | 2 | 54.71265 | -110.17705 | 0.01 | 51.00 | 0.24 | 0.34 | 35.14 | 0.28 | 11.51 | 0.00 | 0.00 | 0.00 |
| 9TK004 | 3 | 54.66332 | -110.23308 | 0.00 | 52.32 | 0.53 | 0.53 | 33.07 | 0.30 | 13.18 | 0.00 | 0.00 | 0.00 |
| 9TK004 | 4 | 54.66332 | -110.23308 | 0.00 | 53.60 | 0.50 | 0.66 | 30.94 | 0.38 | 13.58 | 0.00 | 0.00 | 0.00 |
| 9TK005 | 5 | 54.63437 | -110.20496 | 0.07 | 54.74 | 0.50 | 1.09 | 28.60 | 0.34 | 15.14 | 0.00 | 0.00 | 0.00 |
| 9TK007 | 6 | 54.70737 | -110.00493 | 0.00 | 51.50 | 0.54 | 0.25 | 35.13 | 0.24 | 12.52 | 0.00 | 0.00 | 0.00 |
| 9TK008 | 8 | 54.69729 | -109.95327 | 0.03 | 51.98 | 0.59 | 0.39 | 33.98 | 0.20 | 12.58 | 0.00 | 0.00 | 0.00 |
| 9TK010 | 10 | 54.68933 | -110.02310 | 0.00 | 47.25 | 0.30 | 4.10 | 36.53 | 0.24 | 11.11 | 0.00 | 0.00 | 0.00 |
| 9TK010 | 11 | 54.68933 | -110.02310 | 0.05 | 53.37 | 0.08 | 3.38 | 29.52 | 0.29 | 12.97 | 0.00 | 0.00 | 0.00 |
| BM3 | 5 | 54.63412 | -110.20357 | 0.00 | 52.60 | 0.41 | 0.71 | 29.45 | 0.29 | 14.04 | 0.01 | 0.00 | 0.00 |
| BM4 | 4 | 54.63412 | -110.20357 | 0.01 | 51.20 | 0.50 | 0.46 | 32.52 | 0.30 | 12.62 | 0.02 | 0.00 | 0.00 |
| CL98225 | 64 CEN | 55.18331 | -112.85027 | 0.02 | 51.18 | 0.54 | 1.01 | 33.86 | 0.31 | 11.58 | 0.00 | 0.00 | 0.00 |
| CL98225 | 64 MAR | 55.18331 | -112.85027 | 0.00 | 52.17 | 0.54 | 1.16 | 27.10 | 0.40 | 17.10 | 0.00 | 0.00 | 0.00 |
| CL98245 | 16 CEN | 55.13771 | -112.94964 | 0.00 | 50.45 | 0.55 | 0.22 | 36.90 | 0.28 | 10.84 | 0.00 | 0.00 | 0.00 |
| CL98245 | 16 MAR | 55.13771 | -112.94964 | 0.02 | 52.48 | 0.70 | 0.11 | 31.73 | 0.44 | 13.24 | 0.00 | 0.00 | 0.00 |
| CL98265 | 21 | 55.13372 | -112.94083 | 0.02 | 45.42 | 0.29 | 0.38 | 44.93 | 0.27 | 7.41 | 0.00 | 0.00 | 0.00 |
| CL98275 | 7 CEN | 55.13366 | -112.94436 | 0.05 | 48.84 | 0.40 | 0.17 | 39.36 | 0.34 | 9.15 | 0.00 | 0.00 | 0.00 |
| CL98275 | 7 MAR | 55.13366 | -112.94436 | 0.01 | 50.55 | 0.84 | 0.31 | 32.89 | 0.38 | 13.84 | 0.00 | 0.00 | 0.00 |
| CL98285 | 12 | 55.13592 | -112.94677 | 0.01 | 53.66 | 0.52 | 0.38 | 32.59 | 0.24 | 12.19 | 0.00 | 0.00 | 0.00 |
| NAT95-123A | | 57.93278 | -112.36944 | 0.70 | 59.38 | 0.39 | 0.01 | 31.09 | 1.08 | 0.12 | 0.13 | 0.00 | 0.00 |
| RH1 | | 51.78846 | -112.13701 | 0.00 | 50.43 | 0.00 | 0.00 | 48.30 | 0.52 | 0.02 | 0.02 | 0.00 | 0.00 |
| RH2 | | 51.78754 | -112.13880 | 0.00 | 50.60 | 0.01 | 0.02 | 47.97 | 0.58 | 0.10 | 0.01 | 0.00 | 0.00 |
| SampleC1 | 9 | 55.14841 | -112.98168 | 0.02 | 48.05 | 0.01 | 3.50 | 35.88 | 0.53 | 10.16 | 0.00 | 0.00 | 0.00 |
| 8DVH003 | 1 | 55.69452 | -113.39749 | 0.0000 | 52.4200 | 0.2113 | 0.0738 | 36.9700 | 0.4850 | 10.3800 | | | |
| 8DVH003 | 2 | 55.69452 | -113.39749 | 0.1056 | 51.0900 | 0.4638 | 1.1811 | 34.2500 | 0.3034 | 12.4100 | | | |
| 9MDH001 | 5 | 55.62937 | -113.41173 | 0.0785 | 51.0700 | 0.0424 | 0.0686 | 31.9700 | 17.0500 | 0.2999 | | | |
| 9MDH003 | 24 | 55.56747 | -113.51427 | 0.0000 | 50.1900 | 0.3441 | 0.4213 | 36.5800 | 0.2986 | 10.8400 | | | |
| SRC97-5 | 14 | 57.73141 | -111.87704 | 0.03 | 51.14 | 0.25 | 0 | 44.86 | 0.54 | 3.06 | | | |
| SRC97-5 | 28 | 57.73141 | -111.87704 | 0 | 45.17 | 0.39 | 0 | 47.66 | 0.65 | 4.95 | | | |
| SRC97-1 | 6 | 57.49330 | -111.97092 | 0.03 | 53.52 | 0.59 | 0.23 | 33.8 | 0.21 | 11.51 | | | |
| J128 | 7 | 53.18278 | -117.378579296367 | 0 | 47.83 | 0.47 | 0.25 | 48 | 0.5 | 2.79 | 0.02 | 0 | 0 |
| J134 | 7 | 53.13792 | -117.125563111824 | 0 | 49.72 | 0.37 | 0 | 47.9 | 1.37 | 0.47 | 0 | 0 | 0 |
| J188 | 6 | 53.18427 | -116.991639559549 | 0 | 53.97 | 1.25 | 0 | 39.61 | 5.07 | 0 | 0.02 | 0 | 0 |
| J216 | 10 | 53.22070 | -117.133495783159 | 0 | 48.43 | 0.43 | 0 | 46.86 | 0.82 | 3.24 | 0 | 0 | 0 |
| P10 | 4 | 53.18286 | -117.304710670652 | 0 | 49.92 | 0.45 | 0 | 46.64 | 0.4 | 2.47 | 0.05 | 0 | 0 |
| P5 | 6 | 53.22409 | -116.982735538293 | 0 | 46.77 | 0.31 | 0.1 | 50.59 | 0.37 | 1.58 | 0 | 0 | 0 |
| U36 | 1 | 53.08361 | -116.887903541799 | 0 | 46.56 | 0.4 | 0 | 51.14 | 0.34 | 1.55 | 0.01 | 0 | 0 |

Ilmenite Data

| Sample | Total | NiO | ZnO | V2O3 | V2O5 | Nb2O5 | ZrO2 | Ni(ppm) | Zn(ppm) | F | Cl | P2O5 | Fe2O3 |
|------------|----------|--------|------|------|------|--------|--------|---------|---------|---|----|------|-------|
| 9TK003 | 98.84 | | | | | | | | | | | | |
| 9TK004 | 100.34 | | | | | | | | | | | | |
| 9TK004 | 99.86 | | | | | | | | | | | | |
| 9TK005 | 100.87 | | | | | | | | | | | | |
| 9TK007 | 100.32 | | | | | | | | | | | | |
| 9TK008 | 100.12 | | | | | | | | | | | | |
| 9TK010 | 100.07 | | | | | | | | | | | | |
| 9TK010 | 99.98 | | | | | | | | | | | | |
| BM3 | 97.66 | | | | | | | | | | | | |
| BM4 | 97.69 | | | | | | | | | | | | |
| CL98225 | 98.99 | | | | | | | | | | | | |
| CL98225 | 98.92 | | | | | | | | | | | | |
| CL98245 | 99.62 | | | | | | | | | | | | |
| CL98245 | 99.14 | | | | | | | | | | | | |
| CL98265 | 99.27 | | | | | | | | | | | | |
| CL98275 | 98.70 | | | | | | | | | | | | |
| CL98275 | 99.37 | | | | | | | | | | | | |
| CL98285 | 99.80 | | | | | | | | | | | | |
| NAT95-123A | 92.90 | | | | | | | | | | | | |
| RH1 | 99.33 | | | | | | | | | | | | |
| RH2 | 99.29 | | | | | | | | | | | | |
| SampleC1 | 99.10 | | | | | | | | | | | | |
| 8DVH003 | 100.7600 | | | | | 0.0806 | 0.0851 | 0.4830 | 0.0000 | | | | |
| 8DVH003 | 100.1700 | | | | | 0.2083 | 0.0244 | 0.0743 | 0.0601 | | | | |
| 9MDH001 | 100.8500 | | | | | 0.0000 | 0.1224 | 0.0192 | 0.1300 | | | | |
| 9MDH003 | 99.1900 | | | | | 0.3118 | 0.1023 | 0.1006 | 0.0016 | | | | |
| SRC97-5 | 100.17 | 0.09 | 0.2 | | | 0 | | 707 | 1607 | | | | |
| SRC97-5 | 99.01 | 0.09 | 0 | | | 0.1 | | 707 | 0 | | | | |
| SRC97-1 | 100.17 | 0.18 | 0.04 | | | 0.06 | | 1414 | 321 | | | | |
| J128 | 100 | | 0.08 | | | 0.06 | | | | | 0 | | |
| J134 | 100 | | 0.02 | | | 0.15 | | | | | 0 | | |
| J188 | 100.01 | | 0.05 | | | 0.04 | | | | | 0 | | |
| J216 | 100 | | 0.22 | | | 0 | | | | | 0 | | |
| P10 | 99.99 | 0.0000 | 0 | | | 0.06 | | | | | 0 | | |
| P5 | 100.01 | 0.0000 | 0.26 | | | 0.03 | | | | | 0 | | |
| U36 | 100.01 | 0.0000 | 0 | | | 0.01 | | | | | 0 | | |

Ilmenite Data

| Sample | Assessment report name or name of company contributing data |
|------------|---|
| 9TK003 | Brilliant Mining Corporation |
| 9TK004 | Brilliant Mining Corporation |
| 9TK004 | Brilliant Mining Corporation |
| 9TK005 | Brilliant Mining Corporation |
| 9TK007 | Ice River Mining |
| 9TK008 | Ice River Mining |
| 9TK010 | Ice River Mining |
| 9TK010 | Ice River Mining |
| BM3 | Brilliant Mining Corporation |
| BM4 | Brilliant Mining Corporation |
| CL98225 | Buffalo Diamonds Ltd. |
| CL98225 | Buffalo Diamonds Ltd. |
| CL98245 | Buffalo Diamonds Ltd. |
| CL98245 | Buffalo Diamonds Ltd. |
| CL98265 | Buffalo Diamonds Ltd. |
| CL98275 | Buffalo Diamonds Ltd. |
| CL98275 | Buffalo Diamonds Ltd. |
| CL98285 | Buffalo Diamonds Ltd. |
| NAT95-123A | government since bulletin 63 |
| RH1 | Buffalo Diamonds Ltd. |
| RH2 | Buffalo Diamonds Ltd. |
| SampleC1 | Buffalo Diamonds Ltd. |
| 8DVH003 | Shear Minerals Ltd. |
| 8DVH003 | Shear Minerals Ltd. |
| 9MDH001 | Shear Minerals Ltd. |
| 9MDH003 | Shear Minerals Ltd. |
| SRC97-5 | Tintina Mines Ltd. |
| SRC97-5 | Tintina Mines Ltd. |
| SRC97-1 | Tintina Mines Ltd. |
| J128 | |
| J134 | |
| J188 | |
| J216 | |
| P10 | |
| P5 | |
| U36 | |

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|------------|-------------------------------|---------------|
| 9TK003 | | |
| 9TK004 | | |
| 9TK004 | | |
| 9TK005 | | |
| 9TK007 | Ice river martineau | |
| 9TK008 | Ice river martineau | |
| 9TK010 | Ice river martineau | |
| 9TK010 | Ice river martineau | |
| BM3 | | |
| BM4 | | |
| CL98225 | Calling Lake | |
| CL98225 | Calling Lake | |
| CL98245 | Calling Lake | |
| CL98245 | Calling Lake | |
| CL98265 | Calling Lake | |
| CL98275 | Calling Lake | |
| CL98275 | Calling Lake | |
| CL98285 | Calling Lake | |
| NAT95-123A | | |
| RH1 | Chain Lakes | |
| RH2 | Chain Lakes | |
| SampleC1 | Calling Lake | |
| 8DVH003 | Pelican | |
| 8DVH003 | Pelican | |
| 9MDH001 | Pelican | |
| 9MDH003 | Pelican | |
| SRC97-5 | DDH7BK03 | |
| SRC97-5 | DDH7BK03 | |
| SRC97-1 | DDH7AS01 | |
| J128 | | |
| J134 | | |
| J188 | | |
| J216 | | |
| P10 | | |
| P5 | | |
| U36 | | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|---------|----------|-------------|-------------------|------|-------|-------|-------|-------|------|-------|------|------|------|
| U36 | 2a | 53.08361 | -116.887903541799 | 0 | 49.1 | 0.4 | 0 | 48 | 2.47 | 0 | 0 | 0 | 0.03 |
| U79 | 17 | 52.99826 | -116.637990659716 | 0 | 42.73 | 0.61 | 0.01 | 53.42 | 0.21 | 2.89 | 0.04 | 0 | 0.05 |
| W195 | 4 | 52.98580 | -117.35582301437 | 0.58 | 47.1 | 0.5 | 0 | 48.23 | 0.37 | 3.13 | 0 | 0 | 0.01 |
| W201 | 7 | 52.98076 | -116.680270757144 | 0.66 | 48.78 | 0.63 | 0 | 47.09 | 0.61 | 2.1 | 0.03 | 0 | 0 |
| W202 | 6 | 52.99624 | -116.696565057788 | 2.77 | 46.96 | 1.03 | 0 | 45.84 | 0.61 | 2.28 | 0.24 | 0 | 0.08 |
| J254 | 4 | 53.18359 | -117.453407002217 | 0 | 55.36 | 0.29 | 0 | 37.38 | 1.32 | 5.37 | 0 | 0 | 0.09 |
| U153 | 2 | 52.88247 | -117.142165562878 | 1.07 | 51.46 | 0.35 | 2.15 | 32.85 | 0.29 | 11.37 | 0.02 | 0 | 0 |
| U36 | 6 | 53.08361 | -116.887903541799 | 0 | 46.05 | 0.72 | 0.03 | 47.71 | 0.32 | 5.03 | 0.01 | 0 | 0.01 |
| W202 | 18 | 52.99624 | -116.696565057788 | 0.77 | 47.95 | 0.67 | 0 | 46.08 | 0.34 | 4.19 | 0 | 0 | 0 |
| W202 | 8 | 52.99624 | -116.696565057788 | 0.61 | 47.96 | 0.7 | 0 | 46.03 | 0.39 | 4.22 | 0 | 0 | 0.03 |
| J216 | 9 | 53.22070 | -117.133495783159 | 0 | 47.37 | 0.55 | 0 | 48.07 | 0.4 | 3.61 | 0 | 0 | 0 |
| ABD2O-1 | 60 | 53.36450 | -117.62787 | | 51.84 | 0.25 | 0.04 | 40.77 | | 0.07 | | | |
| ABD2O-1 | 69 | 53.36450 | -117.62787 | | 50.28 | 0.00 | 0.00 | 47.79 | | 0.02 | | | |
| ABD2O-1 | 70 | 53.36450 | -117.62787 | | 47.42 | 3.25 | 0.00 | 41.80 | | 0.07 | | | |
| ABD2O-1 | 73 | 53.36450 | -117.62787 | | 49.86 | 0.00 | 0.00 | 42.21 | | 0.10 | | | |
| ABD2O-1 | 79 | 53.36450 | -117.62787 | | 46.34 | 0.00 | 0.00 | 49.04 | | 0.12 | | | |
| ABD2O-1 | 85 | 53.36450 | -117.62787 | | 49.89 | 0.00 | 0.03 | 48.15 | | 0.12 | | | |
| ABD2O-1 | 96 | 53.36450 | -117.62787 | | 51.13 | 0.00 | 0.00 | 47.61 | | 0.22 | | | |
| AD3-35 | 4A | 52.81906 | -117.04742 | 0.04 | 73.41 | 1.67 | 0.01 | 25.54 | | 0.01 | 0.04 | 0.00 | |
| AD3-35 | 4 | 52.81906 | -117.04742 | 0.00 | 32.93 | 0.28 | 0.03 | 60.62 | | 2.28 | 0.01 | 0.00 | |
| AD3-35 | 1A(1) | 52.81906 | -117.04742 | 0.00 | 51.22 | 0.18 | 0.00 | 47.33 | | 2.64 | 0.22 | 0.00 | |
| AD3-35 | 1A(2) | 52.81906 | -117.04742 | 0.00 | 51.10 | 0.20 | 0.00 | 47.08 | | 2.55 | 0.06 | 0.00 | |
| AD3-35 | 1A(3) | 52.81906 | -117.04742 | 0.01 | 51.04 | 0.16 | 0.01 | 46.90 | | 2.54 | 0.19 | 0.00 | |
| AD3-35 | 1A(4) | 52.81906 | -117.04742 | 0.00 | 51.10 | 0.15 | 0.00 | 46.97 | | 2.57 | 0.15 | 0.00 | |
| AD3-35 | 2B(1) | 52.81906 | -117.04742 | 0.00 | 48.39 | 0.29 | 0.00 | 47.10 | | 4.13 | 0.05 | 0.00 | |
| AD3-35 | 2B(2) | 52.81906 | -117.04742 | 0.00 | 48.53 | 0.34 | 0.00 | 47.61 | | 4.07 | 0.05 | 0.00 | |
| AD3-35 | 2B(3) | 52.81906 | -117.04742 | 0.00 | 48.29 | 0.36 | 0.00 | 47.01 | | 4.10 | 0.05 | 0.00 | |
| AD3-35 | 3(1) | 52.81906 | -117.04742 | 0.00 | 44.99 | 0.48 | 0.00 | 48.18 | | 4.91 | 0.69 | 0.00 | |
| AD3-35 | 3(2) | 52.81906 | -117.04742 | 0.00 | 45.65 | 0.50 | 0.02 | 48.01 | | 4.93 | 0.02 | 0.00 | |
| AD3-35 | 3(3) | 52.81906 | -117.04742 | 0.00 | 45.41 | 0.54 | 0.01 | 48.39 | | 4.88 | 0.15 | 0.00 | |
| AD3-35 | 4B | 52.81906 | -117.04742 | 0.00 | 27.99 | 0.23 | 0.02 | 66.77 | | 0.50 | 0.01 | 0.00 | |
| AD3-41A | 6(1) | 53.01527 | -116.81864 | 0.00 | 48.25 | 0.06 | 0.19 | 44.53 | | 1.73 | 0.03 | 0.00 | |
| AD3-41A | 6(2) | 53.01527 | -116.81864 | 0.00 | 56.06 | 0.03 | 0.26 | 38.25 | | 0.99 | 0.04 | 0.00 | |
| AD3-41A | 6(3) | 53.01527 | -116.81864 | 0.00 | 43.21 | 0.09 | 0.22 | 48.59 | | 2.06 | 0.02 | 0.00 | |
| AD3-41B | 1 | 53.01527 | -116.81864 | 0.01 | 53.04 | 0.01 | 0.01 | 43.38 | | 0.07 | 0.06 | 0.00 | |
| AD3-7B | 3(1) | 53.16420 | -117.49203 | 0.00 | 36.71 | 0.20 | 0.01 | 55.07 | | 2.65 | 0.10 | 0.00 | |

Ilmenite Data

| Sample | Total | NiO | ZnO | V2O3 | V2O5 | Nb2O5 | ZrO2 | Ni(ppm) | Zn(ppm) | F | Cl | P2O5 | Fe2O3 |
|---------|--------|--------|------|------|------|-------|------|---------|---------|------|----|------|-------|
| U36 | 100 | 0.0000 | 0 | | | 0 | | | | | 0 | | |
| U79 | 100.01 | 0.0000 | 0 | | | 0.05 | | | | | 0 | | |
| W195 | 100 | 0.0000 | 0 | | | 0.08 | | | | | 0 | | |
| W201 | 99.99 | 0.0000 | 0 | | | 0.09 | | | | | 0 | | |
| W202 | 100.01 | 0.0000 | 0 | | | 0.2 | | | | | 0 | | |
| J254 | 100 | | 0.17 | | | 0.02 | | | | | 0 | | |
| U153 | 100 | 0.1100 | 0 | | | 0.33 | | | | | 0 | | |
| U36 | 99.99 | 0.0000 | 0 | | | 0.11 | | | | | 0 | | |
| W202 | 100 | 0.0000 | 0 | | | 0 | | | | | 0 | | |
| W202 | 100.01 | 0.0000 | 0 | | | 0.07 | | | | | 0 | | |
| J216 | 100 | | 0 | | | 0 | | | | | 0 | | |
| ABD2O-1 | 92.97 | 0.00 | 0.00 | | | | | | | | | | |
| ABD2O-1 | 98.09 | 0.00 | 0.00 | | | | | | | | | | |
| ABD2O-1 | 92.54 | 0.00 | 0.00 | | | | | | | | | | |
| ABD2O-1 | 92.17 | 0.00 | 0.00 | | | | | | | | | | |
| ABD2O-1 | 95.50 | 0.00 | 0.00 | | | | | | | | | | |
| ABD2O-1 | 98.20 | 0.00 | 0.01 | | | | | | | | | | |
| ABD2O-1 | 99.00 | 0.00 | 0.04 | | | | | | | | | | |
| AD3-35 | 100.72 | | | | | | | | | 0.00 | | | |
| AD3-35 | 96.32 | | | | | | | | | 0.17 | | | |
| AD3-35 | 101.68 | | | | | | | | | 0.09 | | | |
| AD3-35 | 101.04 | | | | | | | | | 0.05 | | | |
| AD3-35 | 100.90 | | | | | | | | | 0.05 | | | |
| AD3-35 | 100.94 | | | | | | | | | 0.00 | | | |
| AD3-35 | 99.97 | | | | | | | | | 0.01 | | | |
| AD3-35 | 100.63 | | | | | | | | | 0.03 | | | |
| AD3-35 | 99.81 | | | | | | | | | 0.00 | | | |
| AD3-35 | 99.31 | | | | | | | | | 0.06 | | | |
| AD3-35 | 99.19 | | | | | | | | | 0.06 | | | |
| AD3-35 | 99.38 | | | | | | | | | 0.00 | | | |
| AD3-35 | 95.55 | | | | | | | | | 0.03 | | | |
| AD3-41A | 94.83 | | | | | | | | | 0.04 | | | |
| AD3-41A | 95.70 | | | | | | | | | 0.07 | | | |
| AD3-41A | 94.25 | | | | | | | | | 0.06 | | | |
| AD3-41B | 96.60 | | | | | | | | | 0.02 | | | |
| AD3-7B | 94.84 | | | | | | | | | 0.10 | | | |

Ilmenite Data

| Sample | Assessment report name or name of company contributing data |
|---------|---|
| U36 | |
| U79 | |
| W195 | |
| W201 | |
| W202 | |
| J254 | |
| U153 | |
| U36 | |
| W202 | |
| W202 | |
| J216 | |
| ABD2O-1 | |
| ABD2O-1 | |
| ABD2O-1 | |
| ABD2O-1 | |
| ABD2O-1 | |
| ABD2O-1 | |
| ABD2O-1 | |
| AD3-35 | |
| AD3-35 | |
| AD3-35 | |
| AD3-35 | |
| AD3-35 | |
| AD3-35 | |
| AD3-35 | |
| AD3-35 | |
| AD3-35 | |
| AD3-35 | |
| AD3-35 | |
| AD3-35 | |
| AD3-35 | |
| AD3-35 | |
| AD3-41A | |
| AD3-41A | |
| AD3-41A | |
| AD3-41B | |
| AD3-7B | |

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|---------|-------------------------------|---------------|
| U36 | | |
| U79 | | |
| W195 | | |
| W201 | | |
| W202 | | |
| J254 | | |
| U153 | | |
| U36 | | |
| W202 | | |
| W202 | | |
| J216 | | |
| ABD2O-1 | | |
| ABD2O-1 | | |
| ABD2O-1 | | |
| ABD2O-1 | | |
| ABD2O-1 | | |
| ABD2O-1 | | |
| ABD2O-1 | | |
| AD3-35 | | |
| AD3-35 | | |
| AD3-35 | | |
| AD3-35 | | |
| AD3-35 | | |
| AD3-35 | | |
| AD3-35 | | |
| AD3-35 | | |
| AD3-35 | | |
| AD3-35 | | |
| AD3-35 | | |
| AD3-35 | | |
| AD3-35 | | |
| AD3-35 | | |
| AD3-35 | | |
| AD3-41A | | |
| AD3-41A | | |
| AD3-41A | | |
| AD3-41B | | |
| AD3-7B | | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|----------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|------|------|-----|
| AD3-7B | 3(2) | 53.16420 | -117.49203 | 0.00 | 33.11 | 0.27 | 0.03 | 57.22 | | 3.07 | 0.04 | 0.00 | |
| AD3-7B | 3(3) | 53.16420 | -117.49203 | 0.00 | 36.62 | 0.19 | 0.01 | 54.98 | | 2.31 | 0.05 | 0.00 | |
| AD3-7B | 3(4) | 53.16420 | -117.49203 | 0.00 | 39.02 | 0.25 | 0.06 | 52.20 | | 2.23 | 0.11 | 0.00 | |
| AD3-7B | 3(5) | 53.16420 | -117.49203 | 0.00 | 34.55 | 0.21 | 0.03 | 56.39 | | 2.35 | 0.07 | 0.00 | |
| AD3-7B | 4(1) | 53.16420 | -117.49203 | 0.75 | 70.57 | 0.61 | 0.02 | 20.30 | | 0.22 | 0.23 | 0.00 | |
| AD3-7B | 4(2) | 53.16420 | -117.49203 | 0.42 | 57.86 | 0.31 | 0.01 | 30.68 | | 0.45 | 0.15 | 0.00 | |
| VR87821A | 1 | 57.36346 | -113.45761 | 0.01 | 54.64 | 0.69 | 0.57 | 29.86 | 0.35 | 13.38 | | | |
| VR87821A | 2 | 57.36346 | -113.45761 | 0 | 53.83 | 0.33 | 4.39 | 25.47 | 0.46 | 15.1 | | | |
| VR87821A | 3 | 57.36346 | -113.45761 | 0.02 | 50.28 | 0.39 | 0 | 37.65 | 0.33 | 9.86 | | | |
| VR87821A | 4 | 57.36346 | -113.45761 | 0.01 | 54.63 | 0.27 | 1.86 | 26.11 | 0.44 | 16.14 | | | |
| VR87821A | 5 | 57.36346 | -113.45761 | 0.14 | 49.54 | 0.52 | 0.77 | 39.16 | 0.34 | 8.67 | | | |
| VR87821A | 6 | 57.36346 | -113.45761 | 0 | 53.35 | 0.28 | 2.92 | 27.39 | 0.42 | 14.63 | | | |
| VR87821A | 7 | 57.36346 | -113.45761 | 0.01 | 52.65 | 0.45 | 0.47 | 33.02 | 0.3 | 11.7 | | | |
| VR87821A | 8 | 57.36346 | -113.45761 | 0.02 | 53.92 | 0.36 | 0.83 | 29.32 | 0.42 | 14.53 | | | |
| VR87821A | 9 | 57.36346 | -113.45761 | 0.04 | 53.58 | 0.48 | 0.62 | 32.81 | 0.3 | 11.53 | | | |
| VR87821A | 10 | 57.36346 | -113.45761 | 0.01 | 54 | 0.26 | 3.48 | 26.11 | 0.36 | 15.56 | | | |
| VR87821A | 11 | 57.36346 | -113.45761 | 0 | 51.64 | 0.68 | 0.74 | 33.54 | 0.32 | 12.3 | | | |
| VR87821A | 12 | 57.36346 | -113.45761 | 0 | 53.43 | 0.39 | 2.42 | 27.61 | 0.37 | 14.61 | | | |
| VR87821A | 13 | 57.36346 | -113.45761 | 0.03 | 50.95 | 0.41 | 0.22 | 35.85 | 0.23 | 10.97 | | | |
| VR87821A | 14 | 57.36346 | -113.45761 | 0.01 | 52.65 | 0.19 | 3.03 | 29.1 | 0.42 | 14.23 | | | |
| VR87821A | 15 | 57.36346 | -113.45761 | 0 | 55.25 | 0.77 | 0.8 | 27.2 | 0.32 | 14.98 | | | |
| VR87821A | 16 | 57.36346 | -113.45761 | 0.01 | 55.92 | 0.13 | 1.53 | 24.23 | 0.49 | 16.8 | | | |
| VR87821A | 17 | 57.36346 | -113.45761 | 0.03 | 55.73 | 0.33 | 1.33 | 25.85 | 0.41 | 15.85 | | | |
| VR87821A | 18 | 57.36346 | -113.45761 | 0.01 | 54.14 | 0.31 | 2.99 | 24.99 | 0.45 | 16.42 | | | |
| VR87821A | 19 | 57.36346 | -113.45761 | 0 | 52.01 | 0.02 | 0 | 43.55 | 0.37 | 1.85 | | | |
| VR87821A | 20 | 57.36346 | -113.45761 | 0.02 | 57.02 | 0 | 0 | 30.13 | 0.63 | 10.96 | | | |
| VR87821A | 21 | 57.36346 | -113.45761 | 0 | 54.88 | 0.48 | 0.58 | 28.75 | 0.43 | 14.31 | | | |
| VR87821A | 22 | 57.36346 | -113.45761 | 0 | 55.05 | 0.36 | 0.45 | 26.59 | 0.55 | 15.85 | | | |
| VR87821A | 23 | 57.36346 | -113.45761 | 0.01 | 54.28 | 0.47 | 0.28 | 29.97 | 0.29 | 13.94 | | | |
| VR87821A | 24 | 57.36346 | -113.45761 | 0.01 | 53.63 | 0.2 | 4.56 | 23.19 | 0.49 | 17.21 | | | |
| VR87821A | 25 | 57.36346 | -113.45761 | 0.02 | 50.29 | 0.37 | 0.3 | 38.56 | 0.29 | 9.06 | | | |
| VR87821A | 26 | 57.36346 | -113.45761 | 0.02 | 53.28 | 0.3 | 3.63 | 27.28 | 0.37 | 14.59 | | | |
| VR87821A | 27 | 57.36346 | -113.45761 | 0.02 | 52.84 | 0.47 | 0.75 | 32.98 | 0.24 | 11.8 | | | |
| VR87821A | 28 | 57.36346 | -113.45761 | 0 | 55.26 | 0.26 | 1.91 | 25.49 | 0.36 | 16.44 | | | |
| VR87821A | 29 | 57.36346 | -113.45761 | 0.02 | 52.06 | 0.47 | 0 | 33.37 | 0.34 | 12.8 | | | |
| VR87821A | 30 | 57.36346 | -113.45761 | 0.01 | 54.5 | 0.16 | 2.61 | 25.28 | 0.54 | 16.67 | | | |

Ilmenite Data

| Sample | Total | NiO | ZnO | V2O3 | V2O5 | Nb2O5 | ZrO2 | Ni(ppm) | Zn(ppm) | F | Cl | P2O5 | Fe2O3 |
|----------|-------|------|------|------|------|-------|------|---------|---------|------|----|------|-------|
| AD3-7B | 93.79 | | | | | | | | | 0.05 | | | |
| AD3-7B | 94.31 | | | | | | | | | 0.15 | | | |
| AD3-7B | 93.87 | | | | | | | | | 0.00 | | | |
| AD3-7B | 93.71 | | | | | | | | | 0.11 | | | |
| AD3-7B | 92.70 | | | | | | | | | 0.00 | | | |
| AD3-7B | 89.88 | | | | | | | | | 0.00 | | | |
| VR87821A | 99.97 | 0.27 | 0 | | | 0.2 | | | | | | | |
| VR87821A | 99.82 | 0.17 | 0 | | | 0.07 | | | | | | | |
| VR87821A | 98.92 | 0.19 | 0.03 | | | 0.17 | | | | | | | |
| VR87821A | 99.64 | 0.12 | 0 | | | 0.06 | | | | | | | |
| VR87821A | 99.53 | 0.23 | 0.05 | | | 0.11 | | | | | | | |
| VR87821A | 99.29 | 0.21 | 0 | | | 0.09 | | | | | | | |
| VR87821A | 98.99 | 0.21 | 0.06 | | | 0.12 | | | | | | | |
| VR87821A | 99.7 | 0.16 | 0.02 | | | 0.12 | | | | | | | |
| VR87821A | 99.54 | 0.02 | 0 | | | 0.16 | | | | | | | |
| VR87821A | 99.91 | 0.02 | 0.04 | | | 0.07 | | | | | | | |
| VR87821A | 99.64 | 0.25 | 0.02 | | | 0.15 | | | | | | | |
| VR87821A | 99.14 | 0.21 | 0 | | | 0.1 | | | | | | | |
| VR87821A | 98.81 | 0.01 | 0 | | | 0.14 | | | | | | | |
| VR87821A | 99.71 | 0.05 | 0 | | | 0.03 | | | | | | | |
| VR87821A | 99.75 | 0.24 | 0 | | | 0.19 | | | | | | | |
| VR87821A | 99.3 | 0.12 | 0 | | | 0.07 | | | | | | | |
| VR87821A | 99.66 | 0 | 0 | | | 0.13 | | | | | | | |
| VR87821A | 99.34 | 0.01 | 0 | | | 0.02 | | | | | | | |
| VR87821A | 98.19 | 0.13 | 0.08 | | | 0.18 | | | | | | | |
| VR87821A | 99.06 | 0.1 | 0.03 | | | 0.17 | | | | | | | |
| VR87821A | 99.67 | 0.1 | 0.03 | | | 0.11 | | | | | | | |
| VR87821A | 99.11 | 0.15 | 0 | | | 0.11 | | | | | | | |
| VR87821A | 99.49 | 0.09 | 0 | | | 0.16 | | | | | | | |
| VR87821A | 99.33 | 0 | 0 | | | 0.04 | | | | | | | |
| VR87821A | 99.07 | 0.02 | 0 | | | 0.16 | | | | | | | |
| VR87821A | 99.65 | 0.06 | 0 | | | 0.12 | | | | | | | |
| VR87821A | 99.18 | 0.01 | 0.01 | | | 0.06 | | | | | | | |
| VR87821A | 99.98 | 0.06 | 0 | | | 0.2 | | | | | | | |
| VR87821A | 99.34 | 0.16 | 0 | | | 0.12 | | | | | | | |
| VR87821A | 99.98 | 0.17 | 0 | | | 0.04 | | | | | | | |

Ilmenite Data

[illegible]

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|----------|--------------------------------|---------------|
| AD3-7B | | |
| AD3-7B | | |
| AD3-7B | | |
| AD3-7B | | |
| AD3-7B | | |
| AD3-7B | | |
| VR87821A | 51 40 CENTRAL | |
| VR87821A | 51 40 OUTER RIM WITH PEROV AND | |
| VR87821A | 53 40 CENTRAL | |
| VR87821A | 53 40 OUTER RIM WITH PEROV AND | |
| VR87821A | 54 40 MAIN GRAIN | |
| VR87821A | 54 40 OUTER ZONE WITH RIND OF | |
| VR87821A | 55 40 CENTRAL | |
| VR87821A | 55 40 OUTER RIND WITH TI-MT AN | |
| VR87821A | 56 40 CENTRAL | |
| VR87821A | 56 40 OUTER RIM WITH PEROV AND | |
| VR87821A | 57 40 CENTRAL | |
| VR87821A | 57 40 OUTER RIM WITH TI-MT AND | |
| VR87821A | 59 40 CENTRAL | |
| VR87821A | 59 40 OUTER RIM WITH PEROV AND | |
| VR87821A | 60 40 CENTRAL | |
| VR87821A | 60 40 OUTER RIND WITH PEROV AN | |
| VR87821A | 62 40 CENTRAL | |
| VR87821A | 62 40 OUTER RIM WITH PEROV AND | |
| VR87821A | 63 40 CENTRAL | |
| VR87821A | 63 40 OUTER RIM WITH TI-MT | |
| VR87821A | 64 40 CENTRAL | |
| VR87821A | 64 40 OUTER RIM WITH PEROV + M | |
| VR87821A | 65 40 CENTRAL | |
| VR87821A | 65 40 OUTER RIM WITH PEROV AND | |
| VR87821A | 66 40 CENTRAL | |
| VR87821A | 66 40 OUTER RIM WITH PEROV AND | |
| VR87821A | 67 40 CENTRAL | |
| VR87821A | 67 40 OUTER RIM WITH PEROV AND | |
| VR87821A | 68 40 CENTRAL | |
| VR87821A | 68 40 OUTER RIM WITH PEROV AND | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|----------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|-----|------|-----|
| VR87821A | 31 | 57.36346 | -113.45761 | 0.01 | 52.57 | 0.4 | 1.14 | 33.11 | 0.3 | 10.92 | | | |
| VR87821A | 32 | 57.36346 | -113.45761 | 0.01 | 55.25 | 0.22 | 1.8 | 25.42 | 0.5 | 16.38 | | | |
| VR87821A | 33 | 57.36346 | -113.45761 | 0 | 50.67 | 0.4 | 0.2 | 36.41 | 0.24 | 10.67 | | | |
| VR87821A | 34 | 57.36346 | -113.45761 | 0 | 54.04 | 0.22 | 1.91 | 27.85 | 0.49 | 14.75 | | | |
| VR87821A | 35 | 57.36346 | -113.45761 | 0.01 | 54.28 | 0.25 | 2.63 | 26.22 | 0.45 | 15.62 | | | |
| VR87821A | 36 | 57.36346 | -113.45761 | 0.01 | 53.29 | 0.28 | 0.79 | 32.01 | 0.38 | 12.37 | | | |
| VR87821A | 37 | 57.36346 | -113.45761 | 0.01 | 54.88 | 0.21 | 2.96 | 24.64 | 0.47 | 16.58 | | | |
| VR87821A | 38 | 57.36346 | -113.45761 | 0.02 | 49.57 | 0.43 | 0 | 38.51 | 0.27 | 9.18 | | | |
| VR87821A | 39 | 57.36346 | -113.45761 | 0.01 | 53.36 | 0.24 | 3.9 | 26.86 | 0.51 | 14.42 | | | |
| VR87821A | 40 | 57.36346 | -113.45761 | 0.01 | 53.79 | 0.3 | 0.38 | 32.16 | 0.34 | 12.08 | | | |
| VR87821A | 41 | 57.36346 | -113.45761 | 0 | 54.41 | 0.22 | 2.57 | 26.35 | 0.56 | 15.65 | | | |
| VR87829A | 43 | 57.36346 | -113.45761 | 0.04 | 53.72 | 0.28 | 4.03 | 25.09 | 0.41 | 16.13 | | | |
| VR87829A | 42 | 57.36346 | -113.45761 | 0.03 | 49.33 | 0.34 | 0.21 | 39.5 | 0.31 | 9.03 | | | |
| VR87829A | 44 | 57.36346 | -113.45761 | 0.02 | 53.49 | 0.75 | 4.33 | 26.4 | 0.34 | 14.59 | | | |
| VR87829A | 46 | 57.36346 | -113.45761 | 0.02 | 55.87 | 0.24 | 2.73 | 24.54 | 0.45 | 16.39 | | | |
| VR87829A | 45 | 57.36346 | -113.45761 | 0.02 | 52.03 | 0.55 | 0.1 | 35.81 | 0.39 | 10.79 | | | |
| VR87829A | 48 | 57.36346 | -113.45761 | 0.02 | 54.43 | 0.2 | 2.59 | 26.24 | 0.47 | 15.73 | | | |
| VR87829A | 47 | 57.36346 | -113.45761 | 0.04 | 50.85 | 0.54 | 0.1 | 36.28 | 0.27 | 10.71 | | | |
| VR87829A | 50 | 57.36346 | -113.45761 | 0.02 | 55.44 | 0.22 | 2.61 | 25.44 | 0.44 | 15.96 | | | |
| VR87829A | 49 | 57.36346 | -113.45761 | 0.04 | 51.72 | 0.39 | 0.11 | 35.2 | 0.3 | 11.8 | | | |
| VR87829A | 52 | 57.36346 | -113.45761 | 0.04 | 51.43 | 0.45 | 4.52 | 28.77 | 0.38 | 13.83 | | | |
| VR87829A | 51 | 57.36346 | -113.45761 | 0.02 | 49.87 | 0.57 | 3.48 | 34.88 | 0.22 | 10.23 | | | |
| VR87829A | 54 | 57.36346 | -113.45761 | 0.03 | 53.26 | 0.27 | 4.47 | 25.42 | 0.5 | 15.57 | | | |
| VR87829A | 53 | 57.36346 | -113.45761 | 0.01 | 50.98 | 0.35 | 0.22 | 34.68 | 0.36 | 11.85 | | | |
| VR87829A | 56 | 57.36346 | -113.45761 | 0.03 | 52.56 | 0.36 | 4.3 | 27.59 | 0.39 | 14.33 | | | |
| VR87829A | 55 | 57.36346 | -113.45761 | 0.05 | 50.68 | 0.43 | 0.16 | 39.07 | 0.32 | 8.4 | | | |
| VR87829A | 58 | 57.36346 | -113.45761 | 0.03 | 54.63 | 0.26 | 3.48 | 25.84 | 0.46 | 15.39 | | | |
| VR87829A | 57 | 57.36346 | -113.45761 | 0.02 | 51.2 | 0.36 | 0.1 | 37.09 | 0.32 | 10.01 | | | |
| VR87829A | 60 | 57.36346 | -113.45761 | 0.02 | 53.43 | 0.32 | 3.45 | 27.19 | 0.49 | 14.71 | | | |
| VR87829A | 59 | 57.36346 | -113.45761 | 0.04 | 51.08 | 0.39 | 0.1 | 36.99 | 0.32 | 9.74 | | | |
| VR87829A | 62 | 57.36346 | -113.45761 | 0.01 | 54.29 | 0.15 | 3.02 | 25.67 | 0.53 | 15.56 | | | |
| VR87829A | 61 | 57.36346 | -113.45761 | 0.05 | 50.53 | 0.38 | 0.01 | 34.71 | 0.38 | 12.26 | | | |
| VR87829A | 64 | 57.36346 | -113.45761 | 0.04 | 52.33 | 0.33 | 4.39 | 27.63 | 0.49 | 14.58 | | | |
| VR87829A | 63 | 57.36346 | -113.45761 | 0.04 | 51.28 | 0.47 | 0.14 | 36.3 | 0.32 | 10.09 | | | |
| VR87829A | 66 | 57.36346 | -113.45761 | 0.03 | 53.86 | 0.33 | 4.22 | 25.54 | 0.52 | 15.43 | | | |
| VR87829A | 65 | 57.36346 | -113.45761 | 0.02 | 52.62 | 0.42 | 0.15 | 32.91 | 0.29 | 12.89 | | | |

Ilmenite Data

| Sample | Total | NiO | ZnO | V2O3 | V2O5 | Nb2O5 | ZrO2 | Ni(ppm) | Zn(ppm) | F | Cl | P2O5 | Fe2O3 |
|----------|--------|------|------|------|------|-------|------|---------|---------|---|----|------|-------|
| VR87821A | 98.85 | 0.2 | 0.03 | | | 0.17 | | | | | | | |
| VR87821A | 99.8 | 0.12 | 0 | | | 0.1 | | | | | | | |
| VR87821A | 98.82 | 0.05 | 0.01 | | | 0.17 | | | | | | | |
| VR87821A | 99.39 | 0 | 0.04 | | | 0.09 | | | | | | | |
| VR87821A | 99.62 | 0.02 | 0 | | | 0.14 | | | | | | | |
| VR87821A | 99.53 | 0.2 | 0.04 | | | 0.16 | | | | | | | |
| VR87821A | 99.91 | 0.12 | 0 | | | 0.04 | | | | | | | |
| VR87821A | 98.3 | 0.16 | 0 | | | 0.16 | | | | | | | |
| VR87821A | 99.55 | 0.19 | 0 | | | 0.06 | | | | | | | |
| VR87821A | 99.41 | 0.23 | 0 | | | 0.12 | | | | | | | |
| VR87821A | 100.04 | 0.15 | 0.08 | | | 0.05 | | | | | | | |
| VR87829A | 99.94 | 0.12 | 0 | | | 0.12 | | | | | | | |
| VR87829A | 99.17 | 0.17 | 0 | | | 0.25 | | | | | | | |
| VR87829A | 100.29 | 0.3 | 0 | | | 0.07 | | | | | | | |
| VR87829A | 100.43 | 0.12 | 0 | | | 0.07 | | | | | | | |
| VR87829A | 100 | 0.17 | 0 | | | 0.14 | | | | | | | |
| VR87829A | 100.01 | 0.19 | 0 | | | 0.14 | | | | | | | |
| VR87829A | 99.25 | 0.17 | 0.04 | | | 0.25 | | | | | | | |
| VR87829A | 100.33 | 0.2 | 0 | | | 0 | | | | | | | |
| VR87829A | 99.96 | 0.24 | 0 | | | 0.16 | | | | | | | |
| VR87829A | 99.79 | 0.23 | 0 | | | 0.14 | | | | | | | |
| VR87829A | 99.73 | 0.29 | 0.03 | | | 0.14 | | | | | | | |
| VR87829A | 99.84 | 0.24 | 0 | | | 0.08 | | | | | | | |
| VR87829A | 98.83 | 0.24 | 0 | | | 0.14 | | | | | | | |
| VR87829A | 99.75 | 0.19 | 0 | | | 0 | | | | | | | |
| VR87829A | 99.46 | 0.17 | 0 | | | 0.18 | | | | | | | |
| VR87829A | 100.42 | 0.21 | 0 | | | 0.12 | | | | | | | |
| VR87829A | 99.47 | 0.22 | 0.01 | | | 0.14 | | | | | | | |
| VR87829A | 100.02 | 0.19 | 0 | | | 0.22 | | | | | | | |
| VR87829A | 99.05 | 0.2 | 0 | | | 0.19 | | | | | | | |
| VR87829A | 99.39 | 0.1 | 0 | | | 0.06 | | | | | | | |
| VR87829A | 98.78 | 0.21 | 0 | | | 0.25 | | | | | | | |
| VR87829A | 100.18 | 0.27 | 0.02 | | | 0.1 | | | | | | | |
| VR87829A | 99.12 | 0.25 | 0 | | | 0.23 | | | | | | | |
| VR87829A | 100.19 | 0.14 | 0 | | | 0.12 | | | | | | | |
| VR87829A | 99.69 | 0.23 | 0 | | | 0.16 | | | | | | | |

Ilmenite Data

[illegible]

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|----------|--------------------------------|---------------|
| VR87821A | 69 40 CENTRAL | |
| VR87821A | 69 40 OUTER RIM WITH PEROV AND | |
| VR87821A | 70 40 CENTRAL | |
| VR87821A | 70 40 OUTER RIM WITH TI-MT | |
| VR87821A | 71 40 WITH TI-MT AND RUTILE | |
| VR87821A | 72 40 CENTRAL | |
| VR87821A | 72 40 OUTER RIM WITH TI-MT AND | |
| VR87821A | 73 40 CENTRAL | |
| VR87821A | 73 40 OUTER RIM WITH PEROV AND | |
| VR87821A | 74 40 CENTRAL | |
| VR87821A | 74 40 OUTER RIM WITH PEROV AND | |
| VR87829A | 31 35 AT MARGIN WITH RIND MG,C | |
| VR87829A | 31 35 CENTRAL | |
| VR87829A | 32 35 | |
| VR87829A | 33 35 AT MARGIN | |
| VR87829A | 33 35 CENTRAL | |
| VR87829A | 34 35 AT MARGIN | |
| VR87829A | 34 35 CENTRAL | |
| VR87829A | 35 35 AT MARGIN WITH RIND OF R | |
| VR87829A | 35 35 CENTRAL | |
| VR87829A | 36 35 AT MARGIN WITH RIND OF R | |
| VR87829A | 36 35 CENTRAL | |
| VR87829A | 37 35 AT MARGIN WITH RIND OF R | |
| VR87829A | 37 35 CENTRAL | |
| VR87829A | 38 35 AT MARGIN | |
| VR87829A | 38 35 CENTRAL | |
| VR87829A | 40 35 AT MARGIN WITH RIND MG,C | |
| VR87829A | 40 35 CENTRAL | |
| VR87829A | 41 35 AT MARGIN | |
| VR87829A | 41 35 CENTRAL | |
| VR87829A | 42 35 AT MARGIN WITH RIND OF R | |
| VR87829A | 42 35 CENTRAL | |
| VR87829A | 43 35 AT MARGIN WITH RIND MG,C | |
| VR87829A | 43 35 CENTRAL | |
| VR87829A | 44 35 AT MARGIN WITH RIND MG,C | |
| VR87829A | 44 35 CENTRAL | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|----------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|-----|------|-----|
| VR87829A | 68 | 57.36346 | -113.45761 | 0.05 | 55.66 | 0.4 | 0.53 | 25.02 | 0.44 | 17.78 | | | |
| VR87829A | 67 | 57.36346 | -113.45761 | 0.02 | 53.3 | 0.39 | 0.2 | 32.87 | 0.33 | 12.54 | | | |
| VR87829A | 70 | 57.36346 | -113.45761 | 0.01 | 55.2 | 0.23 | 2.54 | 25.09 | 0.48 | 16.1 | | | |
| VR87829A | 69 | 57.36346 | -113.45761 | 0.05 | 52.03 | 0.51 | 0.24 | 34.93 | 0.32 | 11.02 | | | |
| VR87829A | 72 | 57.36346 | -113.45761 | 0.03 | 54.9 | 0.23 | 2.35 | 25.57 | 0.49 | 16.1 | | | |
| VR87829A | 71 | 57.36346 | -113.45761 | 0.02 | 50.1 | 0.58 | 0.04 | 36.66 | 0.29 | 11.56 | | | |
| VR87829A | 74 | 57.36346 | -113.45761 | 0.03 | 55.53 | 0.18 | 0.67 | 26.32 | 0.39 | 16.15 | | | |
| VR87829A | 73 | 57.36346 | -113.45761 | 0.03 | 54.38 | 0.46 | 0.66 | 31.04 | 0.32 | 12.51 | | | |
| VR87829A | 75 | 57.36346 | -113.45761 | 0.03 | 54.35 | 0 | 0.11 | 38.27 | 0.59 | 5.74 | | | |
| VR87829A | 77 | 57.36346 | -113.45761 | 0.04 | 55.88 | 0.23 | 2.99 | 22.3 | 0.55 | 18.01 | | | |
| VR87829A | 76 | 57.36346 | -113.45761 | 0.03 | 54.41 | 0.44 | 0.46 | 30.02 | 0.36 | 13.89 | | | |
| VR87829A | 79 | 57.36346 | -113.45761 | 0 | 54.88 | 0.18 | 3.12 | 25.12 | 0.5 | 16.21 | | | |
| VR87829A | 78 | 57.36346 | -113.45761 | 0.04 | 53.2 | 0.45 | 1.12 | 31.39 | 0.3 | 13.29 | | | |
| VR87843A | 80 | 57.32085 | -113.23735 | 0.02 | 53 | 0.43 | 0.3 | 32.85 | 0.33 | 12.87 | | | |
| VR87843A | 81 | 57.32085 | -113.23735 | 0.03 | 52.54 | 0.39 | 0.57 | 31.67 | 0.32 | 13.51 | | | |
| VR87853A | 82 | 57.34061 | -113.45120 | 0.03 | 54.89 | 0.41 | 1.7 | 26.28 | 0.44 | 15.89 | | | |
| VR87853A | 84 | 57.34061 | -113.45120 | 0.07 | 53.18 | 0.26 | 2.56 | 25.92 | 0.46 | 16.71 | | | |
| VR87853A | 83 | 57.34061 | -113.45120 | 0.02 | 54.02 | 0.36 | 2.93 | 26.23 | 0.37 | 15.41 | | | |
| VR87853A | 85 | 57.34061 | -113.45120 | 0.02 | 53.73 | 0.31 | 2.61 | 27.17 | 0.4 | 15.75 | | | |
| VR87853A | 86 | 57.34061 | -113.45120 | 0.03 | 53.54 | 0.65 | 1.58 | 28.53 | 0.36 | 15.05 | | | |
| VR87853A | 87 | 57.34061 | -113.45120 | 0.03 | 50.83 | 0.87 | 0.19 | 33.6 | 0.26 | 13.46 | | | |
| VR87853A | 89 | 57.34061 | -113.45120 | 0.02 | 53.16 | 0.3 | 2.83 | 25.84 | 0.49 | 16.78 | | | |
| VR87853A | 88 | 57.34061 | -113.45120 | 0.01 | 51.13 | 0.43 | 0.28 | 33.25 | 0.37 | 13.3 | | | |
| VR87853A | 91 | 57.34061 | -113.45120 | 0.01 | 53.54 | 0.31 | 3.19 | 26.59 | 0.45 | 15.9 | | | |
| VR87853A | 90 | 57.34061 | -113.45120 | 0.04 | 50.95 | 0.47 | 0.11 | 33.82 | 0.4 | 13.51 | | | |
| VR87853A | 94 | 57.34061 | -113.45120 | 0.01 | 48.54 | 0.3 | 0.05 | 38.1 | 0.45 | 11.02 | | | |
| VR87853A | 92 | 57.34061 | -113.45120 | 0.03 | 45.98 | 0.15 | 0.09 | 49.32 | 0.39 | 2.67 | | | |
| VR87853A | 93 | 57.34061 | -113.45120 | 0.04 | 48.78 | 0.19 | 0.02 | 41.79 | 0.5 | 7.61 | | | |
| VR87853A | 95 | 57.34061 | -113.45120 | 0.05 | 54.26 | 0.31 | 1.86 | 26.34 | 0.31 | 16.03 | | | |
| VR87853A | 97 | 57.34061 | -113.45120 | 0.03 | 48.05 | 0.15 | 0.03 | 42.18 | 0.46 | 8.72 | | | |
| VR87853A | 96 | 57.34061 | -113.45120 | 0.03 | 45.54 | 0.3 | 0.09 | 50.01 | 0.41 | 3.08 | | | |
| VR87853A | 99 | 57.34061 | -113.45120 | 0.06 | 54.25 | 0.34 | 2.37 | 26.16 | 0.4 | 16.31 | | | |
| VR87853A | 98 | 57.34061 | -113.45120 | 0.03 | 54.16 | 0.42 | 1.27 | 28.33 | 0.28 | 15.29 | | | |
| VR87853A | 101 | 57.34061 | -113.45120 | 0.04 | 54.16 | 0.4 | 2.19 | 25.07 | 0.52 | 17.48 | | | |
| VR87853A | 100 | 57.34061 | -113.45120 | 0.04 | 51.87 | 0.64 | 0.75 | 34.56 | 0.32 | 11.48 | | | |
| VR87853A | 103 | 57.34061 | -113.45120 | 0.04 | 53.81 | 0.28 | 2.9 | 25.84 | 0.41 | 16.5 | | | |

Ilmenite Data

| Sample | Total | NiO | ZnO | V2O3 | V2O5 | Nb2O5 | ZrO2 | Ni(ppm) | Zn(ppm) | F | Cl | P2O5 | Fe2O3 |
|----------|--------|------|------|------|------|-------|------|---------|---------|---|----|------|-------|
| VR87829A | 100.23 | 0.21 | 0 | | | 0.14 | | | | | | | |
| VR87829A | 100.04 | 0.21 | 0 | | | 0.18 | | | | | | | |
| VR87829A | 99.89 | 0.19 | 0 | | | 0.05 | | | | | | | |
| VR87829A | 99.6 | 0.28 | 0 | | | 0.22 | | | | | | | |
| VR87829A | 99.79 | 0.1 | 0 | | | 0.02 | | | | | | | |
| VR87829A | 99.61 | 0.17 | 0 | | | 0.19 | | | | | | | |
| VR87829A | 99.69 | 0.2 | 0 | | | 0.22 | | | | | | | |
| VR87829A | 99.82 | 0.24 | 0 | | | 0.18 | | | | | | | |
| VR87829A | 99.45 | 0.11 | 0.07 | | | 0.18 | | | | | | | |
| VR87829A | 100.26 | 0.1 | 0 | | | 0.16 | | | | | | | |
| VR87829A | 100.04 | 0.25 | 0 | | | 0.18 | | | | | | | |
| VR87829A | 100.21 | 0.13 | 0 | | | 0.07 | | | | | | | |
| VR87829A | 100.18 | 0.24 | 0.02 | | | 0.13 | | | | | | | |
| VR87843A | 100.16 | 0.21 | 0 | | | 0.15 | | | | | | | |
| VR87843A | 99.5 | 0.29 | 0 | | | 0.18 | | | | | | | |
| VR87853A | 100.04 | 0.35 | 0 | | | 0.05 | | | | | | | |
| VR87853A | 99.43 | 0.21 | 0 | | | 0.06 | | | | | | | |
| VR87853A | 99.56 | 0.16 | 0 | | | 0.06 | | | | | | | |
| VR87853A | 100.29 | 0.2 | 0 | | | 0.1 | | | | | | | |
| VR87853A | 100.26 | 0.28 | 0 | | | 0.24 | | | | | | | |
| VR87853A | 99.72 | 0.26 | 0 | | | 0.22 | | | | | | | |
| VR87853A | 99.8 | 0.22 | 0 | | | 0.16 | | | | | | | |
| VR87853A | 99.2 | 0.22 | 0 | | | 0.21 | | | | | | | |
| VR87853A | 100.16 | 0.15 | 0 | | | 0.02 | | | | | | | |
| VR87853A | 99.83 | 0.27 | 0 | | | 0.26 | | | | | | | |
| VR87853A | 98.6 | 0.12 | 0 | | | 0.01 | | | | | | | |
| VR87853A | 98.8 | 0.17 | 0 | | | 0 | | | | | | | |
| VR87853A | 99.1 | 0.16 | 0 | | | 0.01 | | | | | | | |
| VR87853A | 99.5 | 0.18 | 0 | | | 0.16 | | | | | | | |
| VR87853A | 99.77 | 0.15 | 0 | | | 0 | | | | | | | |
| VR87853A | 99.68 | 0.16 | 0 | | | 0.06 | | | | | | | |
| VR87853A | 100.14 | 0.15 | 0 | | | 0.1 | | | | | | | |
| VR87853A | 100.24 | 0.33 | 0 | | | 0.13 | | | | | | | |
| VR87853A | 100.11 | 0.15 | 0 | | | 0.1 | | | | | | | |
| VR87853A | 100 | 0.24 | 0 | | | 0.1 | | | | | | | |
| VR87853A | 100.07 | 0.17 | 0 | | | 0.12 | | | | | | | |

Ilmenite Data

[illegible]

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|----------|--------------------------------|---------------|
| VR87829A | 45 35 AT MARGIN WITH RIND RUTI | |
| VR87829A | 45 35 CENTRAL | |
| VR87829A | 46 35 AT MARGIN | |
| VR87829A | 46 35 CENTRAL | |
| VR87829A | 47 35 AT MARGIN WITH RIND RUTI | |
| VR87829A | 47 35 CENTRAL | |
| VR87829A | 49 35 AT MARGIN WITH RIND OF P | |
| VR87829A | 49 35 CENTRAL | |
| VR87829A | 50 35 | |
| VR87829A | 51 35 AT MARGIN WITH RIND PYRI | |
| VR87829A | 51 35 CENTRAL | |
| VR87829A | 53 35 AT MARGIN WITH RIND OF M | |
| VR87829A | 53 35 CENTRAL | |
| VR87843A | 35 60 | |
| VR87843A | 42 60 | |
| VR87853A | 35 60 W RIND Mg,Al,Cr,Ti-Mt | |
| VR87853A | 36 60 AT MARGIN W MG,AL,CR,TI- | |
| VR87853A | 36 60 CENTRAL | |
| VR87853A | 37 60 W RIND Ti-Mt | |
| VR87853A | 38 60 W Ti-Mt AT MARGIN | |
| VR87853A | 39 60 | |
| VR87853A | 40 60 AT MARGIN W RIND OF PERO | |
| VR87853A | 40 60 CENTRAL | |
| VR87853A | 41 60 AT MARGIN W Ti-Mt | |
| VR87853A | 41 60 CENTRAL | |
| VR87853A | 42 60 AT MARGIN W RIND PEROV & | |
| VR87853A | 42 60 CENTRAL | |
| VR87853A | 42 60 INTERMEDIATE REGION W PE | |
| VR87853A | 43 60 W RIND PEROV & Ti-Mt | |
| VR87853A | 44 60 AT MARGIN W RIND Ti-Mt | |
| VR87853A | 44 60 CENTRAL | |
| VR87853A | 45 60 AT MARGIN W RIND Ti-Mt | |
| VR87853A | 45 60 CENTRAL | |
| VR87853A | 46 60 AT MARGIN W RIND Ti-Mt & | |
| VR87853A | 46 60 CENTRAL | |
| VR87853A | 47 60 AT MARGIN W Mg,Al,Cr,Ti- | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|----------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|-----|------|-----|
| VR87853A | 102 | 57.34061 | -113.45120 | 0.05 | 47.06 | 0.3 | 0.14 | 40.95 | 0.31 | 9.99 | | | |
| VR87853A | 105 | 57.34061 | -113.45120 | 0.05 | 53.6 | 0.29 | 2.23 | 26.58 | 0.49 | 16.46 | | | |
| VR87853A | 104 | 57.34061 | -113.45120 | 0.04 | 51.18 | 0.63 | 0.17 | 33.49 | 0.26 | 13.33 | | | |
| VR87853A | 107 | 57.34061 | -113.45120 | 0.02 | 53.24 | 0.3 | 2.82 | 25.97 | 0.51 | 16.74 | | | |
| VR87853A | 106 | 57.34061 | -113.45120 | 0.05 | 51.44 | 0.43 | 2.4 | 31.29 | 0.33 | 13.21 | | | |
| VR87853A | 108 | 57.34061 | -113.45120 | 0.05 | 54.34 | 0.37 | 1.88 | 27.11 | 0.29 | 15.28 | | | |
| VR87853A | 110 | 57.34061 | -113.45120 | 0.03 | 54.12 | 0.34 | 2.26 | 26.16 | 0.52 | 16.23 | | | |
| VR87853A | 109 | 57.34061 | -113.45120 | 0.03 | 52.4 | 0.54 | 1.88 | 29.06 | 0.31 | 14.7 | | | |
| VR87853A | 112 | 57.34061 | -113.45120 | 0.02 | 54.02 | 0.36 | 2.01 | 26 | 0.44 | 16.83 | | | |
| VR87853A | 111 | 57.34061 | -113.45120 | 0.03 | 49.61 | 0.57 | 0.09 | 36.17 | 0.35 | 12.22 | | | |
| VR87853A | 114 | 57.34061 | -113.45120 | 0.01 | 54.26 | 0.3 | 2.42 | 25.6 | 0.57 | 16.82 | | | |
| VR87853A | 113 | 57.34061 | -113.45120 | 0.03 | 48.09 | 0.39 | 0.11 | 37.66 | 0.31 | 11.97 | | | |
| VR87853A | 115 | 57.34061 | -113.45120 | 0.03 | 53.91 | 0.6 | 0.62 | 28.27 | 0.44 | 15.92 | | | |
| VR87853A | 117 | 57.34061 | -113.45120 | 0.04 | 54.17 | 0.36 | 3.12 | 25.46 | 0.45 | 16.4 | | | |
| VR87853A | 116 | 57.34061 | -113.45120 | 0.04 | 51.52 | 0.66 | 0.31 | 32.27 | 0.38 | 14.06 | | | |
| VR87853A | 119 | 57.34061 | -113.45120 | 0.04 | 54.33 | 0.19 | 2 | 25.66 | 0.46 | 16.14 | | | |
| VR87853A | 118 | 57.34061 | -113.45120 | 0.03 | 53.07 | 0.58 | 1.36 | 29.77 | 0.35 | 14.54 | | | |
| VR87853A | 120 | 57.34061 | -113.45120 | 0.04 | 54.99 | 0.38 | 1.99 | 25.42 | 0.32 | 16.23 | | | |
| VR87853A | 122 | 57.34061 | -113.45120 | 0 | 53.31 | 0.28 | 3.01 | 26.25 | 0.41 | 16.32 | | | |
| VR87853A | 121 | 57.34061 | -113.45120 | 0.03 | 51.25 | 0.54 | 0.23 | 32.42 | 0.34 | 14.12 | | | |
| VR87853A | 123 | 57.34061 | -113.45120 | 0.03 | 52.92 | 0.42 | 4 | 26.27 | 0.4 | 15.68 | | | |
| VR87853A | 125 | 57.34061 | -113.45120 | 0.02 | 54.45 | 0.33 | 2.88 | 25.54 | 0.33 | 16.51 | | | |
| VR87853A | 124 | 57.34061 | -113.45120 | 0.03 | 54.17 | 1.07 | 0.22 | 28.91 | 0.34 | 15.04 | | | |
| VR87853A | 126 | 57.34061 | -113.45120 | 0.04 | 53.33 | 1.05 | 0.81 | 28.53 | 0.39 | 14.77 | | | |
| VR87853A | 127 | 57.34061 | -113.45120 | 0.03 | 53.91 | 0.33 | 2.51 | 24.67 | 0.6 | 17.76 | | | |
| VR87853A | 128 | 57.34061 | -113.45120 | 0.03 | 52.95 | 0.55 | 4.02 | 26.88 | 0.33 | 14.93 | | | |
| VR87853A | 130 | 57.34061 | -113.45120 | 0.03 | 53.5 | 0.31 | 1.81 | 26.26 | 0.43 | 16.48 | | | |
| VR87853A | 129 | 57.34061 | -113.45120 | 0.03 | 48.88 | 0.5 | 0.11 | 35.22 | 0.36 | 13.25 | | | |
| VR87853A | 132 | 57.34061 | -113.45120 | 0.04 | 53.39 | 0.25 | 3.5 | 25.68 | 0.44 | 16.31 | | | |
| VR87853A | 131 | 57.34061 | -113.45120 | 0.05 | 51.28 | 0.89 | 0.15 | 32.25 | 0.33 | 14.17 | | | |
| VR87853A | 134 | 57.34061 | -113.45120 | 0.05 | 53.65 | 0.37 | 2.81 | 25.87 | 0.43 | 16.05 | | | |
| VR87853A | 133 | 57.34061 | -113.45120 | 0.03 | 52.16 | 0.51 | 2.23 | 30.49 | 0.33 | 14.13 | | | |
| VR87853A | 136 | 57.34061 | -113.45120 | 0.02 | 53.73 | 0.32 | 2.55 | 26.19 | 0.44 | 16.42 | | | |
| VR87853A | 135 | 57.34061 | -113.45120 | 0.12 | 51.47 | 0.75 | 0.63 | 30.93 | 0.3 | 14.15 | | | |
| VR87853A | 137 | 57.34061 | -113.45120 | 0.03 | 52.39 | 0.28 | 1.23 | 32.5 | 0.34 | 12.9 | | | |
| VR87853A | 139 | 57.34061 | -113.45120 | 0.03 | 53.69 | 0.28 | 2.11 | 25.96 | 0.47 | 16.89 | | | |

Ilmenite Data

| Sample | Total | NiO | ZnO | V2O3 | V2O5 | Nb2O5 | ZrO2 | Ni(ppm) | Zn(ppm) | F | Cl | P2O5 | Fe2O3 |
|----------|--------|------|-----|------|------|-------|------|---------|---------|---|----|------|-------|
| VR87853A | 99.25 | 0.25 | 0 | | | 0.2 | | | | | | | |
| VR87853A | 99.97 | 0.17 | 0 | | | 0.1 | | | | | | | |
| VR87853A | 99.45 | 0.24 | 0 | | | 0.11 | | | | | | | |
| VR87853A | 99.87 | 0.19 | 0 | | | 0.08 | | | | | | | |
| VR87853A | 99.51 | 0.25 | 0 | | | 0.11 | | | | | | | |
| VR87853A | 99.75 | 0.29 | 0 | | | 0.14 | | | | | | | |
| VR87853A | 99.92 | 0.18 | 0 | | | 0.08 | | | | | | | |
| VR87853A | 99.39 | 0.32 | 0 | | | 0.15 | | | | | | | |
| VR87853A | 100.01 | 0.15 | 0 | | | 0.18 | | | | | | | |
| VR87853A | 99.32 | 0.21 | 0 | | | 0.07 | | | | | | | |
| VR87853A | 100.22 | 0.15 | 0 | | | 0.09 | | | | | | | |
| VR87853A | 99.1 | 0.22 | 0 | | | 0.32 | | | | | | | |
| VR87853A | 100.18 | 0.24 | 0 | | | 0.15 | | | | | | | |
| VR87853A | 100.26 | 0.13 | 0 | | | 0.13 | | | | | | | |
| VR87853A | 99.8 | 0.26 | 0 | | | 0.3 | | | | | | | |
| VR87853A | 99.1 | 0.17 | 0 | | | 0.11 | | | | | | | |
| VR87853A | 100.14 | 0.27 | 0 | | | 0.17 | | | | | | | |
| VR87853A | 99.83 | 0.23 | 0 | | | 0.23 | | | | | | | |
| VR87853A | 99.86 | 0.16 | 0 | | | 0.12 | | | | | | | |
| VR87853A | 99.5 | 0.3 | 0 | | | 0.27 | | | | | | | |
| VR87853A | 100.13 | 0.24 | 0 | | | 0.17 | | | | | | | |
| VR87853A | 100.33 | 0.16 | 0 | | | 0.11 | | | | | | | |
| VR87853A | 100.25 | 0.3 | 0 | | | 0.17 | | | | | | | |
| VR87853A | 99.3 | 0.24 | 0 | | | 0.14 | | | | | | | |
| VR87853A | 100.03 | 0.16 | 0 | | | 0.06 | | | | | | | |
| VR87853A | 100.03 | 0.24 | 0 | | | 0.1 | | | | | | | |
| VR87853A | 99.1 | 0.18 | 0 | | | 0.1 | | | | | | | |
| VR87853A | 98.93 | 0.31 | 0 | | | 0.27 | | | | | | | |
| VR87853A | 100.02 | 0.24 | 0 | | | 0.17 | | | | | | | |
| VR87853A | 99.6 | 0.25 | 0 | | | 0.23 | | | | | | | |
| VR87853A | 99.5 | 0.21 | 0 | | | 0.06 | | | | | | | |
| VR87853A | 100.21 | 0.27 | 0 | | | 0.06 | | | | | | | |
| VR87853A | 99.9 | 0.16 | 0 | | | 0.07 | | | | | | | |
| VR87853A | 98.78 | 0.29 | 0 | | | 0.14 | | | | | | | |
| VR87853A | 100.1 | 0.26 | 0 | | | 0.17 | | | | | | | |
| VR87853A | 99.67 | 0.11 | 0 | | | 0.13 | | | | | | | |

Ilmenite Data

[illegible]

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|----------|--------------------------------|---------------|
| VR87853A | 47 60 CENTRAL | |
| VR87853A | 48 60 AT MARGIN | |
| VR87853A | 48 60 CENTRAL | |
| VR87853A | 49 60 AT MARGIN W RIND OF PERO | |
| VR87853A | 49 60 CENTRAL | |
| VR87853A | 50 60 W Ti-Mt AT MARGIN | |
| VR87853A | 51 60 AT MARGIN W Ti-Mt | |
| VR87853A | 51 60 CENTRAL | |
| VR87853A | 52 60 AT MARGIN W RIND OF Ti-M | |
| VR87853A | 52 60 CENTRAL | |
| VR87853A | 53 60 AT MARGIN W RIND OF PERO | |
| VR87853A | 53 60 CENTRAL | |
| VR87853A | 54 60 | |
| VR87853A | 55 60 AT MARGIN | |
| VR87853A | 55 60 CENTRAL | |
| VR87853A | 56 60 AT MARGIN W PEROV & Ti-M | |
| VR87853A | 56 60 CENTRAL | |
| VR87853A | 57 60 W RIND Mg,Al,Cr,Ti-Mt | |
| VR87853A | 58 60 AT MARGIN W RIND Ti-Mt | |
| VR87853A | 58 60 CENTRAL | |
| VR87853A | 59 60 INTERGROWN W Mg,Al,Cr,Ti | |
| VR87853A | 60 60 AT MARGIN | |
| VR87853A | 60 60 CENTRAL | |
| VR87853A | 61 60 | |
| VR87853A | 62 60 INTERGROWN W Ti-Mt AS RI | |
| VR87853A | 63 60 | |
| VR87853A | 64 60 AT MARGIN W RIND OF Ti-M | |
| VR87853A | 64 60 CENTRAL | |
| VR87853A | 65 60 AT MARGIN W RIND Ti-Mt | |
| VR87853A | 65 60 CENTRAL | |
| VR87853A | 66 60 AT MARGIN | |
| VR87853A | 66 60 CENTRAL | |
| VR87853A | 67 60 AT MARGIN W RIND OF Ti-M | |
| VR87853A | 67 60 CENTRAL | |
| VR87853A | 68 60 | |
| VR87853A | 69 60 AT MARGIN W RIND OF RUT | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|----------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|-----|------|-----|
| VR87853A | 138 | 57.34061 | -113.45120 | 0.03 | 50.12 | 0.34 | 1.01 | 33.83 | 0.29 | 13.64 | | | |
| VR87853A | 140 | 57.34061 | -113.45120 | 0.03 | 54.48 | 0.74 | 1.24 | 26.28 | 0.45 | 15.66 | | | |
| VR87853A | 142 | 57.34061 | -113.45120 | 0.02 | 53.81 | 0.28 | 2.39 | 25.97 | 0.53 | 16.53 | | | |
| VR87853A | 141 | 57.34061 | -113.45120 | 0.04 | 53.21 | 1.06 | 0.81 | 28.54 | 0.31 | 14.89 | | | |
| VR87853A | 143 | 57.34061 | -113.45120 | 0.02 | 53.32 | 0.32 | 2.68 | 27.16 | 0.66 | 15.05 | | | |
| VR87853A | 144 | 57.34061 | -113.45120 | 0.03 | 53.57 | 0.26 | 2.85 | 26.47 | 0.47 | 16.29 | | | |
| VR87853A | 145 | 57.34061 | -113.45120 | 0.07 | 54.18 | 0.94 | 0.96 | 28.27 | 0.31 | 14.94 | | | |
| VR87853A | 146 | 57.34061 | -113.45120 | 0.07 | 50.97 | 0.15 | 0.28 | 37.27 | 0.34 | 9.96 | | | |
| VR87853A | 148 | 57.34061 | -113.45120 | 0.02 | 52.26 | 0.38 | 3.35 | 27.08 | 0.35 | 15.94 | | | |
| VR87853A | 147 | 57.34061 | -113.45120 | 0.04 | 49.5 | 0.46 | 2.56 | 33.84 | 0.31 | 12.51 | | | |
| VR87853A | 149 | 57.34061 | -113.45120 | 0.03 | 52.06 | 0.75 | 0.72 | 32.09 | 0.38 | 13.18 | | | |
| VR87853A | 151 | 57.34061 | -113.45120 | 0.03 | 47.16 | 0.48 | 0.06 | 37.4 | 0.49 | 11.94 | | | |
| VR87853A | 150 | 57.34061 | -113.45120 | 0.03 | 46.69 | 0.11 | 0.09 | 49.13 | 0.37 | 3.05 | | | |
| VR87853A | 153 | 57.34061 | -113.45120 | 0.02 | 53.82 | 0.29 | 2.84 | 26.43 | 0.36 | 15.9 | | | |
| VR87853A | 152 | 57.34061 | -113.45120 | 0.02 | 51.49 | 0.5 | 0.29 | 33.01 | 0.39 | 14 | | | |
| VR87853A | 155 | 57.34061 | -113.45120 | 0.01 | 54.06 | 0.31 | 2.34 | 25.98 | 0.45 | 16.45 | | | |
| VR87853A | 154 | 57.34061 | -113.45120 | 0.03 | 53.48 | 0.55 | 0.93 | 29.14 | 0.38 | 15.07 | | | |
| VR87853A | 157 | 57.34061 | -113.45120 | 0.03 | 49.74 | 0.16 | 0.08 | 40.14 | 0.55 | 8.25 | | | |
| VR87853A | 156 | 57.34061 | -113.45120 | 0.04 | 45.77 | 0.24 | 0.05 | 48.84 | 0.39 | 3.51 | | | |
| VR87853A | 158 | 57.34061 | -113.45120 | 0.03 | 45.54 | 0.24 | 0 | 49.22 | 0.37 | 3.09 | | | |
| VR87853A | 159 | 57.34061 | -113.45120 | 0.01 | 53.34 | 0.23 | 2.86 | 26.29 | 0.49 | 15.73 | | | |
| VR87859A | 161 | 57.31025 | -113.29724 | 0.03 | 55.13 | 0.03 | 0.1 | 35.14 | 1.26 | 8.13 | | | |
| VR87859A | 160 | 57.31025 | -113.29724 | 0.04 | 53.4 | 0.02 | 0.08 | 41.13 | 0.74 | 4.08 | | | |
| VR87859A | 162 | 57.31025 | -113.29724 | 0.04 | 54.97 | 0.03 | 0.05 | 37.38 | 0.49 | 6.71 | | | |
| VR87859A | 164 | 57.31025 | -113.29724 | 0.07 | 56.27 | 0.14 | 0.03 | 29.1 | 0.68 | 13.22 | | | |
| VR87859A | 163 | 57.31025 | -113.29724 | 0.01 | 54.11 | 0.2 | 0.04 | 37.83 | 0.45 | 6.76 | | | |
| VR87859A | 166 | 57.31025 | -113.29724 | 0.02 | 52.81 | 0.17 | 0 | 37.67 | 0.65 | 7.95 | | | |
| VR87859A | 165 | 57.31025 | -113.29724 | 0.03 | 51.52 | 0.05 | 0.03 | 45.12 | 0.53 | 2.44 | | | |
| VR87859A | 168 | 57.31025 | -113.29724 | 0.04 | 55.96 | 0.03 | 0.1 | 32.61 | 0.69 | 10.23 | | | |
| VR87859A | 167 | 57.31025 | -113.29724 | 0.03 | 53.1 | 0.02 | 0.05 | 43.29 | 0.44 | 2.71 | | | |
| VR87859A | 170 | 57.31025 | -113.29724 | 0.01 | 52.95 | 0.11 | 0.02 | 35.23 | 0.68 | 10.26 | | | |
| VR87859A | 169 | 57.31025 | -113.29724 | 0.03 | 52.43 | 0.04 | 0 | 39.95 | 0.49 | 6.5 | | | |
| VR87859A | 172 | 57.31025 | -113.29724 | 0.02 | 55.49 | 0.19 | 0.17 | 28.44 | 0.6 | 15.23 | | | |
| VR87859A | 171 | 57.31025 | -113.29724 | 0.03 | 51.66 | 0.11 | 0.17 | 42.76 | 0.53 | 4.71 | | | |
| VR87859A | 174 | 57.31025 | -113.29724 | 0.03 | 53.33 | 0.21 | 0 | 35.47 | 0.43 | 9.38 | | | |
| VR87859A | 173 | 57.31025 | -113.29724 | 0.02 | 51.35 | 0.01 | 0.08 | 43.6 | 0.29 | 3.7 | | | |

Ilmenite Data

| Sample | Total | NiO | ZnO | V2O3 | V2O5 | Nb2O5 | ZrO2 | Ni(ppm) | Zn(ppm) | F | Cl | P2O5 | Fe2O3 |
|----------|--------|------|------|------|------|-------|------|---------|---------|---|----|------|-------|
| VR87853A | 99.67 | 0.2 | 0 | | | 0.21 | | | | | | | |
| VR87853A | 99.34 | 0.22 | 0 | | | 0.24 | | | | | | | |
| VR87853A | 99.73 | 0.05 | 0 | | | 0.15 | | | | | | | |
| VR87853A | 99.32 | 0.21 | 0 | | | 0.25 | | | | | | | |
| VR87853A | 99.54 | 0.22 | 0 | | | 0.11 | | | | | | | |
| VR87853A | 100.18 | 0.12 | 0 | | | 0.12 | | | | | | | |
| VR87853A | 100.12 | 0.29 | 0 | | | 0.16 | | | | | | | |
| VR87853A | 99.4 | 0.17 | 0 | | | 0.19 | | | | | | | |
| VR87853A | 99.73 | 0.17 | 0 | | | 0.18 | | | | | | | |
| VR87853A | 99.65 | 0.2 | 0 | | | 0.23 | | | | | | | |
| VR87853A | 99.42 | 0.12 | 0 | | | 0.09 | | | | | | | |
| VR87853A | 97.72 | 0.16 | 0 | | | 0 | | | | | | | |
| VR87853A | 99.73 | 0.19 | 0.07 | | | 0 | | | | | | | |
| VR87853A | 99.83 | 0.16 | 0 | | | 0.01 | | | | | | | |
| VR87853A | 100 | 0.27 | 0 | | | 0.03 | | | | | | | |
| VR87853A | 99.84 | 0.17 | 0 | | | 0.07 | | | | | | | |
| VR87853A | 99.94 | 0.28 | 0 | | | 0.08 | | | | | | | |
| VR87853A | 99.25 | 0.25 | 0 | | | 0.05 | | | | | | | |
| VR87853A | 99.03 | 0.19 | 0 | | | 0 | | | | | | | |
| VR87853A | 98.72 | 0.22 | 0.01 | | | 0 | | | | | | | |
| VR87853A | 99.28 | 0.18 | 0 | | | 0.15 | | | | | | | |
| VR87859A | 100.09 | 0.13 | 0.04 | | | 0.1 | | | | | | | |
| VR87859A | 99.67 | 0.05 | 0.09 | | | 0.04 | | | | | | | |
| VR87859A | 100.05 | 0.12 | 0.12 | | | 0.14 | | | | | | | |
| VR87859A | 99.68 | 0.05 | 0 | | | 0.12 | | | | | | | |
| VR87859A | 99.63 | 0.05 | 0.07 | | | 0.11 | | | | | | | |
| VR87859A | 99.38 | 0.07 | 0.04 | | | 0 | | | | | | | |
| VR87859A | 99.87 | 0.14 | 0 | | | 0.01 | | | | | | | |
| VR87859A | 99.86 | 0.05 | 0 | | | 0.15 | | | | | | | |
| VR87859A | 99.93 | 0.09 | 0.06 | | | 0.14 | | | | | | | |
| VR87859A | 99.51 | 0.14 | 0.02 | | | 0.09 | | | | | | | |
| VR87859A | 99.59 | 0.08 | 0.01 | | | 0.06 | | | | | | | |
| VR87859A | 100.33 | 0.14 | 0.01 | | | 0.04 | | | | | | | |
| VR87859A | 100.22 | 0.13 | 0.05 | | | 0.07 | | | | | | | |
| VR87859A | 99.04 | 0.11 | 0.02 | | | 0.06 | | | | | | | |
| VR87859A | 99.14 | 0 | 0 | | | 0.09 | | | | | | | |

Ilmenite Data

[illegible]

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|----------|--------------------------------|---------------|
| VR87853A | 69 60 CENTRAL | |
| VR87853A | 70 60 W RIND OF RUT | |
| VR87853A | 71 60 AT MARGIN W RIND OF Ti-M | |
| VR87853A | 71 60 CENTRAL | |
| VR87853A | 72 60 W RIND OF Ti-Mt | |
| VR87853A | 73 60 INTERGROWN W Ti-Mt | |
| VR87853A | 74 60 | |
| VR87853A | 76 60 | |
| VR87853A | 77 60 AT MARGIN | |
| VR87853A | 77 60 CENTRAL | |
| VR87853A | 78 60 W RIND Ti-Mt | |
| VR87853A | 79 60 AT MARGIN W RIND Ti-Mt | |
| VR87853A | 79 60 CENTRAL | |
| VR87853A | 80 60 AT MARGIN | |
| VR87853A | 80 60 CENTRAL | |
| VR87853A | 81 60 AT MARGIN | |
| VR87853A | 81 60 CENTRAL | |
| VR87853A | 82 60 AT MARGIN W RIND Ti-Mt | |
| VR87853A | 82 60 CENTRAL | |
| VR87853A | 84 60 | |
| VR87853A | 85 60 W RIND Ti-Mt | |
| VR87859A | 32 60 AT MARGIN W RIND RUT & P | |
| VR87859A | 32 60 CENTRAL | |
| VR87859A | 33 60 W RIND TI-MT | |
| VR87859A | 35 60 AT MARGIN W RIND S.ILM | |
| VR87859A | 35 60 CENTRAL | |
| VR87859A | 38 60 AT MARGIN W RIND TI-MT | |
| VR87859A | 38 60 MAIN GRAIN | |
| VR87859A | 40 60 AT MARGIN W RIND TI-MT | |
| VR87859A | 40 60 CENTRAL | |
| VR87859A | 41 60 AT MARGIN W RIND TI-MT & | |
| VR87859A | 41 60 MAIN GRAIN | |
| VR87859A | 43 60 AT MARGIN W RIND TI-MT & | |
| VR87859A | 43 60 CENTRAL | |
| VR87859A | 44 60 AT MARGIN W RIND TI-MT | |
| VR87859A | 44 60 CENTRAL | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|----------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|-----|------|-----|
| VR87859A | 175 | 57.31025 | -113.29724 | 0 | 53.81 | 0.04 | 0.08 | 41.56 | 0.6 | 3.55 | | | |
| VR87859A | 177 | 57.31025 | -113.29724 | 0.03 | 55.42 | 0.01 | 0.06 | 34.03 | 0.63 | 9.55 | | | |
| VR87859A | 176 | 57.31025 | -113.29724 | 0.03 | 52.76 | 0.01 | 0.08 | 44.85 | 0.38 | 1.87 | | | |
| VR87859A | 179 | 57.31025 | -113.29724 | 0.02 | 54.02 | 0.03 | 0.06 | 34.28 | 0.6 | 10.39 | | | |
| VR87859A | 178 | 57.31025 | -113.29724 | 0.01 | 52.53 | 0.05 | 0 | 40.12 | 0.43 | 6.44 | | | |
| VR87859A | 181 | 57.31025 | -113.29724 | 0.02 | 54.37 | 0.3 | 0.09 | 30.15 | 0.66 | 13.86 | | | |
| VR87859A | 180 | 57.31025 | -113.29724 | 0.03 | 51.15 | 0.11 | 0.19 | 42.66 | 0.56 | 4.77 | | | |
| VR87859A | 183 | 57.31025 | -113.29724 | 0.02 | 55.12 | 0.05 | 0.03 | 33.33 | 0.77 | 10.34 | | | |
| VR87859A | 182 | 57.31025 | -113.29724 | 0.07 | 51 | 0.03 | 0.02 | 46.23 | 0.44 | 1.1 | | | |
| VR87859A | 185 | 57.31025 | -113.29724 | 0 | 56.01 | 0.01 | 0.02 | 29.43 | 0.86 | 12.99 | | | |
| VR87859A | 184 | 57.31025 | -113.29724 | 0.01 | 56.86 | 0.03 | 0.16 | 31.47 | 0.76 | 10.52 | | | |
| VR87859A | 187 | 57.31025 | -113.29724 | 0.04 | 51.34 | 0.28 | 0.03 | 37.4 | 0.43 | 9.15 | | | |
| VR87859A | 186 | 57.31025 | -113.29724 | 0.03 | 49.26 | 0.26 | 0.1 | 46.77 | 0.38 | 2.35 | | | |
| VR87859A | 189 | 57.31025 | -113.29724 | 0.01 | 54.31 | 0.08 | 0.03 | 33.98 | 0.59 | 11 | | | |
| VR87859A | 188 | 57.31025 | -113.29724 | 0.01 | 51.56 | 0.02 | 0.08 | 42.96 | 0.38 | 3.63 | | | |
| VR87859A | 191 | 57.31025 | -113.29724 | 0.02 | 57.98 | 0 | 0 | 28.63 | 0.79 | 12.42 | | | |
| VR87859A | 190 | 57.31025 | -113.29724 | 0.03 | 55.21 | 0.02 | 0 | 37.76 | 0.51 | 5.89 | | | |
| VR87859A | 193 | 57.31025 | -113.29724 | 0.01 | 56.22 | 0.08 | 0.02 | 29.41 | 0.64 | 12.72 | | | |
| VR87859A | 192 | 57.31025 | -113.29724 | 0.01 | 55.18 | 0.09 | 0.06 | 35.12 | 0.43 | 8.31 | | | |
| VR87859A | 195 | 57.31025 | -113.29724 | 0.07 | 55.53 | 0.06 | 0.06 | 31.66 | 0.61 | 11.46 | | | |
| VR87859A | 194 | 57.31025 | -113.29724 | 0.04 | 53.65 | 0.04 | 0.08 | 38.6 | 0.48 | 6.13 | | | |
| VR87859A | 197 | 57.31025 | -113.29724 | 0.03 | 55.05 | 0.04 | 0 | 33.22 | 0.59 | 10.26 | | | |
| VR87859A | 196 | 57.31025 | -113.29724 | 0.04 | 53.21 | 0.03 | 0 | 40.53 | 0.42 | 4.7 | | | |
| VR87859A | 199 | 57.31025 | -113.29724 | 0.02 | 52.78 | 0.04 | 0.02 | 39.29 | 0.66 | 6.24 | | | |
| VR87859A | 198 | 57.31025 | -113.29724 | 0.03 | 51.21 | 0.06 | 0 | 41.49 | 0.64 | 5.39 | | | |
| VR87859A | 201 | 57.31025 | -113.29724 | 0.01 | 55.88 | 0.02 | 0 | 28.47 | 1.07 | 13.44 | | | |
| VR87859A | 200 | 57.31025 | -113.29724 | 0.02 | 53.98 | 0.05 | 0.02 | 36.56 | 0.53 | 8.06 | | | |
| VR87859A | 203 | 57.31025 | -113.29724 | 0.01 | 52.74 | 0.09 | 0.19 | 36.51 | 0.56 | 9.23 | | | |
| VR87859A | 202 | 57.31025 | -113.29724 | 0.02 | 52.29 | 0.11 | 0.07 | 39.01 | 0.71 | 7 | | | |
| VR87859A | 205 | 57.31025 | -113.29724 | 0.02 | 53.67 | 0.19 | 0.01 | 35.54 | 0.53 | 9.63 | | | |
| VR87859A | 204 | 57.31025 | -113.29724 | 0.02 | 51.34 | 0.13 | 0.05 | 42.97 | 0.52 | 4.06 | | | |
| VR87859A | 207 | 57.31025 | -113.29724 | 0.01 | 54.56 | 0 | 0.11 | 35.66 | 0.43 | 8.08 | | | |
| VR87859A | 206 | 57.31025 | -113.29724 | 0.01 | 54.43 | 0.02 | 0.01 | 39.86 | 0.26 | 4.93 | | | |
| VR87859A | 209 | 57.31025 | -113.29724 | 0.01 | 54.06 | 0.03 | 0.06 | 36.75 | 0.52 | 7.21 | | | |
| VR87859A | 208 | 57.31025 | -113.29724 | 0.02 | 53.55 | 0 | 0.02 | 41.28 | 0.33 | 4.03 | | | |
| VR87859A | 211 | 57.31025 | -113.29724 | 0.02 | 54.05 | 0.05 | 0 | 39.45 | 0.43 | 5.08 | | | |

Ilmenite Data

| Sample | Total | NiO | ZnO | V2O3 | V2O5 | Nb2O5 | ZrO2 | Ni(ppm) | Zn(ppm) | F | Cl | P2O5 | Fe2O3 |
|----------|--------|------|------|------|------|-------|------|---------|---------|---|----|------|-------|
| VR87859A | 99.96 | 0.07 | 0.08 | | | 0.17 | | | | | | | |
| VR87859A | 99.93 | 0.09 | 0 | | | 0.11 | | | | | | | |
| VR87859A | 100.15 | 0.04 | 0.03 | | | 0.1 | | | | | | | |
| VR87859A | 99.73 | 0.14 | 0.03 | | | 0.16 | | | | | | | |
| VR87859A | 99.81 | 0.08 | 0.01 | | | 0.14 | | | | | | | |
| VR87859A | 99.6 | 0.06 | 0 | | | 0.09 | | | | | | | |
| VR87859A | 99.84 | 0.05 | 0.09 | | | 0.23 | | | | | | | |
| VR87859A | 99.9 | 0.09 | 0 | | | 0.15 | | | | | | | |
| VR87859A | 98.98 | 0.05 | 0.03 | | | 0.01 | | | | | | | |
| VR87859A | 99.47 | 0.06 | 0 | | | 0.09 | | | | | | | |
| VR87859A | 99.98 | 0.09 | 0 | | | 0.08 | | | | | | | |
| VR87859A | 98.79 | 0.1 | 0.02 | | | 0 | | | | | | | |
| VR87859A | 99.3 | 0.05 | 0.1 | | | 0 | | | | | | | |
| VR87859A | 100.25 | 0.13 | 0 | | | 0.12 | | | | | | | |
| VR87859A | 98.91 | 0.1 | 0.13 | | | 0.04 | | | | | | | |
| VR87859A | 99.95 | 0.08 | 0.03 | | | 0 | | | | | | | |
| VR87859A | 99.72 | 0.11 | 0.16 | | | 0.03 | | | | | | | |
| VR87859A | 99.26 | 0.08 | 0.03 | | | 0.05 | | | | | | | |
| VR87859A | 99.36 | 0.08 | 0 | | | 0.08 | | | | | | | |
| VR87859A | 99.67 | 0.09 | 0 | | | 0.13 | | | | | | | |
| VR87859A | 99.17 | 0.05 | 0.02 | | | 0.08 | | | | | | | |
| VR87859A | 99.41 | 0.08 | 0 | | | 0.14 | | | | | | | |
| VR87859A | 99.23 | 0.09 | 0.13 | | | 0.08 | | | | | | | |
| VR87859A | 99.23 | 0.07 | 0.09 | | | 0.02 | | | | | | | |
| VR87859A | 98.98 | 0.02 | 0 | | | 0.14 | | | | | | | |
| VR87859A | 99.05 | 0.04 | 0 | | | 0.12 | | | | | | | |
| VR87859A | 99.57 | 0.13 | 0 | | | 0.22 | | | | | | | |
| VR87859A | 99.55 | 0.12 | 0.03 | | | 0.07 | | | | | | | |
| VR87859A | 99.34 | 0.02 | 0 | | | 0.11 | | | | | | | |
| VR87859A | 99.77 | 0.1 | 0 | | | 0.08 | | | | | | | |
| VR87859A | 99.29 | 0.1 | 0.02 | | | 0.08 | | | | | | | |
| VR87859A | 99.04 | 0.14 | 0.03 | | | 0.02 | | | | | | | |
| VR87859A | 99.71 | 0.06 | 0.06 | | | 0.07 | | | | | | | |
| VR87859A | 99.06 | 0.13 | 0.08 | | | 0.21 | | | | | | | |
| VR87859A | 99.58 | 0.05 | 0.04 | | | 0.26 | | | | | | | |
| VR87859A | 99.31 | 0.09 | 0.04 | | | 0.1 | | | | | | | |

Ilmenite Data

[illegible]

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|----------|--------------------------------|---------------|
| VR87859A | 45 60 W RIND TI-MT & RUT | |
| VR87859A | 46 60 AT MARGIN W RIND TI-MT | |
| VR87859A | 46 60 CENTRAL | |
| VR87859A | 47 60 AT MARGIN W RIND TI-MT & | |
| VR87859A | 47 60 CENTRAL | |
| VR87859A | 48 60 AT MARGIN W RIND TI-MT & | |
| VR87859A | 48 60 CENTRAL | |
| VR87859A | 50 60 AT MARGIN W RIND TI-MT & | |
| VR87859A | 50 60 MAIN GRAIN | |
| VR87859A | 52 60 AT MARGIN W RIND C PEROV | |
| VR87859A | 52 60 CENTRAL | |
| VR87859A | 53 60 AT MARGIN W RIND TI-MT & | |
| VR87859A | 53 60 MAIN GRAIN | |
| VR87859A | 54 60 AT MARGIN W RIND TI-MT | |
| VR87859A | 54 60 MAIN GRAIN | |
| VR87859A | 55 60 AT MARGIN W RIND TI-MT & | |
| VR87859A | 55 60 CENTRAL | |
| VR87859A | 56 60 AT MARGIN W RIND TI-MT & | |
| VR87859A | 56 60 MAIN GRAIN | |
| VR87859A | 57 60 AT MARGIN W RIND TI-MT | |
| VR87859A | 57 60 CENTRAL | |
| VR87859A | 59 60 AT MARGIN W RIND TI-MT | |
| VR87859A | 59 60 CENTRAL | |
| VR87859A | 60 60 AT MARGIN W RIND TI-MT | |
| VR87859A | 60 60 CENTRAL | |
| VR87859A | 62 60 AT MARGIN W RIND PEROV | |
| VR87859A | 62 60 CENTRAL | |
| VR87859A | 63 60 AT MARGIN W RIND PEROV & | |
| VR87859A | 63 60 CENTRAL | |
| VR87859A | 64 60 AT MARGIN W RIND OF TI-M | |
| VR87859A | 64 60 CENTRAL | |
| VR87859A | 66 60 AT MARGIN W RIND TI-MT | |
| VR87859A | 66 60 CENTRAL | |
| VR87859A | 67 60 AT MARGIN W RIND TI-MT | |
| VR87859A | 67 60 CENTRAL | |
| VR87859A | 68 60 AT MARGIN | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|----------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|-----|------|-----|
| VR87859A | 210 | 57.31025 | -113.29724 | 0.04 | 51.49 | 0.02 | 0.03 | 45.94 | 0.19 | 0.85 | | | |
| VR87859A | 213 | 57.31025 | -113.29724 | 0.01 | 50.92 | 0.3 | 0.07 | 38.17 | 0.52 | 9.12 | | | |
| VR87859A | 212 | 57.31025 | -113.29724 | 0.04 | 49.25 | 0.72 | 0.01 | 44.58 | 0.41 | 3.87 | | | |
| VR87859A | 214 | 57.31025 | -113.29724 | 0.02 | 52.86 | 0.02 | 0 | 42.02 | 0.34 | 3.74 | | | |
| VR87859A | 216 | 57.31025 | -113.29724 | 0.02 | 53.24 | 0.13 | 0 | 36.79 | 0.64 | 8.26 | | | |
| VR87859A | 215 | 57.31025 | -113.29724 | 0.03 | 51.43 | 0.07 | 0.02 | 42.73 | 0.58 | 4.03 | | | |
| VR87859A | 218 | 57.31025 | -113.29724 | 0.03 | 52.72 | 0.09 | 0 | 38.1 | 0.59 | 7.36 | | | |
| VR87859A | 217 | 57.31025 | -113.29724 | 0.01 | 50.87 | 0.08 | 0 | 42.52 | 0.56 | 4.95 | | | |
| VR87859A | 220 | 57.31025 | -113.29724 | 0.02 | 53.01 | 0.15 | 0 | 34.93 | 0.47 | 10.57 | | | |
| VR87859A | 219 | 57.31025 | -113.29724 | 0.02 | 51.34 | 0.08 | 0.02 | 41.12 | 0.42 | 5.62 | | | |
| VR87859A | 222 | 57.31025 | -113.29724 | 0.02 | 56.72 | 0 | 0.04 | 32.53 | 0.58 | 10.08 | | | |
| VR87859A | 221 | 57.31025 | -113.29724 | 0.03 | 55.3 | 0.02 | 0.02 | 37.3 | 0.4 | 6.53 | | | |
| VR87859A | 224 | 57.31025 | -113.29724 | 0.02 | 50.83 | 0.15 | 0.02 | 40.22 | 1.01 | 6.42 | | | |
| VR87859A | 223 | 57.31025 | -113.29724 | 0.03 | 49.94 | 0.07 | 0.01 | 45.33 | 0.86 | 2.71 | | | |
| VR87859A | 226 | 57.31025 | -113.29724 | 0.03 | 55.66 | 0.02 | 0.08 | 33.28 | 0.51 | 10.08 | | | |
| VR87859A | 225 | 57.31025 | -113.29724 | 0.03 | 55.06 | 0.03 | 0 | 37.6 | 0.52 | 6.66 | | | |
| VR87859A | 228 | 57.31025 | -113.29724 | 0.04 | 51.18 | 0.1 | 0 | 41.68 | 0.53 | 4.9 | | | |
| VR87859A | 227 | 57.31025 | -113.29724 | 0.03 | 50.86 | 0.07 | 0.01 | 45.9 | 0.41 | 1.88 | | | |
| VR87859A | 229 | 57.31025 | -113.29724 | 0.03 | 50.68 | 0.47 | 0.96 | 35.66 | 0.25 | 11.23 | | | |
| VR87871A | 230 | 57.34061 | -113.45120 | 0.01 | 55.1 | 0.5 | 1 | 28.31 | 0.24 | 14.6 | | | |
| VR87871A | 231 | 57.34061 | -113.45120 | 0.01 | 53.95 | 0.59 | 0.18 | 29.42 | 0.1 | 14.95 | | | |
| VR87871A | 232 | 57.34061 | -113.45120 | 0 | 53.63 | 0.9 | 1.33 | 28.18 | 0.14 | 14.99 | | | |
| VR87871A | 233 | 57.34061 | -113.45120 | 0.03 | 54.84 | 0.77 | 0.93 | 28.69 | 0.19 | 13.53 | | | |
| VR87871A | 234 | 57.34061 | -113.45120 | 0.08 | 51.77 | 0.75 | 0.1 | 33.27 | 0.09 | 13.06 | | | |
| VR87871A | 235 | 57.34061 | -113.45120 | 0 | 54.98 | 0.31 | 2.9 | 25.8 | 0.24 | 15.51 | | | |
| VR87871A | 236 | 57.34061 | -113.45120 | 0 | 54.27 | 0.27 | 2.03 | 27.51 | 0.16 | 15.35 | | | |
| VR87871A | 238 | 57.34061 | -113.45120 | 0 | 54.43 | 0.36 | 2.57 | 26.98 | 0.29 | 15.27 | | | |
| VR87871A | 237 | 57.34061 | -113.45120 | 0.01 | 52.59 | 0.58 | 0.7 | 30.29 | 0.15 | 14.25 | | | |
| VR87871A | 239 | 57.34061 | -113.45120 | 0.02 | 52.63 | 0.42 | 0.01 | 32.75 | 0.18 | 13.72 | | | |
| VR87871A | 240 | 57.34061 | -113.45120 | 0 | 55.26 | 0.34 | 1.69 | 26.17 | 0.34 | 16.07 | | | |
| VR87871A | 241 | 57.34061 | -113.45120 | 0.01 | 55.09 | 0.5 | 1 | 27.46 | 0.15 | 15.88 | | | |
| VR87871A | 242 | 57.34061 | -113.45120 | 0 | 54.15 | 0.53 | 1.34 | 28.39 | 0.27 | 14.35 | | | |
| VR87871A | 244 | 57.34061 | -113.45120 | 0.08 | 54.67 | 0.29 | 2.23 | 25.79 | 0.39 | 16.06 | | | |
| VR87871A | 243 | 57.34061 | -113.45120 | 0 | 52.59 | 0.46 | 0.24 | 30.77 | 0.12 | 14.62 | | | |
| VR87871A | 245 | 57.34061 | -113.45120 | 0 | 54.52 | 0.47 | 0.96 | 27.43 | 0.29 | 15.81 | | | |
| VR87871A | 247 | 57.34061 | -113.45120 | 0.03 | 55.34 | 0.28 | 1.94 | 25.4 | 0.41 | 16.44 | | | |

Ilmenite Data

| Sample | Total | NiO | ZnO | V2O3 | V2O5 | Nb2O5 | ZrO2 | Ni(ppm) | Zn(ppm) | F | Cl | P2O5 | Fe2O3 |
|----------|--------|------|------|------|------|-------|------|---------|---------|---|----|------|-------|
| VR87859A | 98.84 | 0.06 | 0.15 | | | 0.07 | | | | | | | |
| VR87859A | 99.26 | 0.06 | 0.01 | | | 0.08 | | | | | | | |
| VR87859A | 99.14 | 0.12 | 0.07 | | | 0.07 | | | | | | | |
| VR87859A | 99.24 | 0.09 | 0.09 | | | 0.06 | | | | | | | |
| VR87859A | 99.29 | 0.1 | 0 | | | 0.11 | | | | | | | |
| VR87859A | 99.12 | 0.05 | 0 | | | 0.18 | | | | | | | |
| VR87859A | 99.22 | 0.1 | 0.1 | | | 0.13 | | | | | | | |
| VR87859A | 99.2 | 0.11 | 0 | | | 0.1 | | | | | | | |
| VR87859A | 99.51 | 0.14 | 0 | | | 0.22 | | | | | | | |
| VR87859A | 98.88 | 0.08 | 0.03 | | | 0.15 | | | | | | | |
| VR87859A | 100.38 | 0.08 | 0 | | | 0.33 | | | | | | | |
| VR87859A | 99.97 | 0.19 | 0 | | | 0.18 | | | | | | | |
| VR87859A | 98.72 | 0.05 | 0 | | | 0 | | | | | | | |
| VR87859A | 99.2 | 0.09 | 0.1 | | | 0.06 | | | | | | | |
| VR87859A | 99.94 | 0.09 | 0.03 | | | 0.16 | | | | | | | |
| VR87859A | 100.13 | 0 | 0.05 | | | 0.18 | | | | | | | |
| VR87859A | 98.78 | 0.09 | 0.04 | | | 0.22 | | | | | | | |
| VR87859A | 99.69 | 0.07 | 0.23 | | | 0.23 | | | | | | | |
| VR87859A | 99.64 | 0.24 | 0 | | | 0.12 | | | | | | | |
| VR87871A | 100.2 | 0.26 | 0.05 | | | 0.13 | | | | | | | |
| VR87871A | 99.52 | 0.16 | 0 | | | 0.16 | | | | | | | |
| VR87871A | 99.53 | 0.19 | 0.01 | | | 0.16 | | | | | | | |
| VR87871A | 99.38 | 0.22 | 0.02 | | | 0.16 | | | | | | | |
| VR87871A | 99.47 | 0.22 | 0.02 | | | 0.11 | | | | | | | |
| VR87871A | 99.99 | 0.16 | 0 | | | 0.09 | | | | | | | |
| VR87871A | 99.9 | 0.19 | 0 | | | 0.12 | | | | | | | |
| VR87871A | 100.1 | 0.14 | 0 | | | 0.06 | | | | | | | |
| VR87871A | 98.85 | 0.22 | 0.01 | | | 0.05 | | | | | | | |
| VR87871A | 100.08 | 0.21 | 0 | | | 0.14 | | | | | | | |
| VR87871A | 100.02 | 0.08 | 0 | | | 0.07 | | | | | | | |
| VR87871A | 100.34 | 0.13 | 0 | | | 0.12 | | | | | | | |
| VR87871A | 99.33 | 0.17 | 0 | | | 0.13 | | | | | | | |
| VR87871A | 99.62 | 0.09 | 0 | | | 0.02 | | | | | | | |
| VR87871A | 99.19 | 0.14 | 0 | | | 0.25 | | | | | | | |
| VR87871A | 99.74 | 0.19 | 0 | | | 0.07 | | | | | | | |
| VR87871A | 100.07 | 0.1 | 0 | | | 0.13 | | | | | | | |

Ilmenite Data

[illegible]

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|----------|--------------------------------|---------------|
| VR87859A | 68 60 CENTRAL | |
| VR87859A | 69 60 AT MARGIN | |
| VR87859A | 69 60 CENTRAL | |
| VR87859A | 71 60 WITH RIND OF TI-MT | |
| VR87859A | 72 60 AT MARGIN W PEROV & TI-M | |
| VR87859A | 72 60 CENTRAL | |
| VR87859A | 74 60 AT MARGIN W PEROV & TI-M | |
| VR87859A | 74 60 CENTRAL | |
| VR87859A | 76 60 AT MARGIN W RIND TI-MT | |
| VR87859A | 76 60 CENTRAL | |
| VR87859A | 77 60 AT MARGIN W RIND TI-MT | |
| VR87859A | 77 60 CENTRAL | |
| VR87859A | 78 60 AT MARGIN W RIND TI-MT | |
| VR87859A | 78 60 CENTRAL | |
| VR87859A | 79 60 AT MARGIN W RIND TI-MT | |
| VR87859A | 79 60 CENTRAL | |
| VR87859A | 81 60 AT MARGIN W PEROV & TI-M | |
| VR87859A | 81 60 CENTRAL | |
| VR87859A | 86 60 | |
| VR87871A | 35 60 | |
| VR87871A | 36 60 | |
| VR87871A | 37 60 | |
| VR87871A | 38 60 CENTRAL | |
| VR87871A | 39 60 CENTRAL W RIND OF RUT AN | |
| VR87871A | 39 60 OUTER MARGIN NEAR RIND O | |
| VR87871A | 40 60 CENTRAL W OUTER RIND OF | |
| VR87871A | 41 60 AT MARGIN NEAR OUTER RIN | |
| VR87871A | 41 60 CENTRAL | |
| VR87871A | 42 60 CENTRAL, WELL DEVELOPED | |
| VR87871A | 42 60 OUTER REGION INSIDE OUTE | |
| VR87871A | 43 60 W WELL DEVELOPED OUTER R | |
| VR87871A | 44 60 CENTRAL W OUTER RIND | |
| VR87871A | 45 60 AT MARGIN W RIND OF TI-M | |
| VR87871A | 45 60 CENTRAL W OUTER RIND | |
| VR87871A | 46 60 CENTRAL, W WELL DEVELOPE | |
| VR87871A | 47 60 AT MARGIN NEAR RIND OF T | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|----------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|-----|------|-----|
| VR87871A | 246 | 57.34061 | -113.45120 | 0 | 54.67 | 0.24 | 2.7 | 26.89 | 0.27 | 14.63 | | | |
| VR87871A | 248 | 57.34061 | -113.45120 | 0 | 54.52 | 0.71 | 1.98 | 27.17 | 0.15 | 15.23 | | | |
| VR87871A | 250 | 57.34061 | -113.45120 | 0.01 | 55.27 | 0.31 | 2.93 | 25.36 | 0.29 | 15.83 | | | |
| VR87871A | 249 | 57.34061 | -113.45120 | 0.01 | 51.56 | 0.38 | 0.1 | 33.12 | 0.21 | 13.46 | | | |
| VR87871A | 252 | 57.34061 | -113.45120 | 0.01 | 54.77 | 0.3 | 2.58 | 26.13 | 0.3 | 15.9 | | | |
| VR87871A | 251 | 57.34061 | -113.45120 | 0.01 | 52.97 | 0.41 | 0.1 | 32.55 | 0.14 | 13.58 | | | |
| VR87871A | 254 | 57.34061 | -113.45120 | 0.01 | 54.14 | 0.38 | 3.03 | 26.66 | 0.24 | 15.41 | | | |
| VR87871A | 253 | 57.34061 | -113.45120 | 0.01 | 52 | 0.59 | 2.78 | 29.75 | 0.15 | 13.57 | | | |
| VR87871A | 256 | 57.34061 | -113.45120 | 0 | 54.75 | 0.33 | 1.68 | 26.44 | 0.34 | 15.89 | | | |
| VR87871A | 255 | 57.34061 | -113.45120 | 0.01 | 51.58 | 0.47 | 3.08 | 31.18 | 0.11 | 13.2 | | | |
| VR87871A | 257 | 57.34061 | -113.45120 | 0 | 53.51 | 0.31 | 2.56 | 26.49 | 0.19 | 16.03 | | | |
| VR87871A | 258 | 57.34061 | -113.45120 | 0 | 54.9 | 0.24 | 0 | 27.85 | 0.29 | 16.47 | | | |
| VR87871A | 260 | 57.34061 | -113.45120 | 0.02 | 54.59 | 0.29 | 2.36 | 26.28 | 0.24 | 15.83 | | | |
| VR87871A | 259 | 57.34061 | -113.45120 | 0.01 | 51.77 | 0.34 | 0.33 | 33.16 | 0.16 | 13.67 | | | |
| VR87871A | 261 | 57.34061 | -113.45120 | 0.01 | 56.73 | 0.3 | 0.26 | 26.97 | 0.24 | 15.6 | | | |
| VR87871A | 263 | 57.34061 | -113.45120 | 0.01 | 55.14 | 0.27 | 2.57 | 25.05 | 0.45 | 16.16 | | | |
| VR87871A | 262 | 57.34061 | -113.45120 | 0.02 | 51.54 | 0.42 | 0.14 | 33.73 | 0.15 | 13.43 | | | |
| VR87871A | 265 | 57.34061 | -113.45120 | 0.01 | 54.85 | 0.31 | 1.9 | 27.26 | 0.27 | 15.24 | | | |
| VR87871A | 264 | 57.34061 | -113.45120 | 0.01 | 53.94 | 0.51 | 0.34 | 29.74 | 0.21 | 14.87 | | | |
| VR87871A | 266 | 57.34061 | -113.45120 | 0.03 | 53.77 | 0.41 | 3.37 | 25.44 | 0.18 | 15.82 | | | |
| VR87871A | 267 | 57.34061 | -113.45120 | 0.01 | 52.25 | 0.6 | 0.53 | 30.86 | 0.18 | 14.39 | | | |
| VR87871A | 269 | 57.34061 | -113.45120 | 0.01 | 54.91 | 0.31 | 2.65 | 26.15 | 0.3 | 15.58 | | | |
| VR87871A | 268 | 57.34061 | -113.45120 | 0.01 | 52.8 | 0.43 | 0.27 | 31.51 | 0.05 | 14.08 | | | |
| VR87871A | 270 | 57.34061 | -113.45120 | 0.01 | 54.54 | 0.53 | 0.39 | 28.94 | 0.19 | 15.33 | | | |
| VR87871A | 272 | 57.34061 | -113.45120 | 0 | 54.67 | 0.36 | 1.82 | 26.59 | 0.33 | 15.94 | | | |
| VR87871A | 271 | 57.34061 | -113.45120 | 0.02 | 51.35 | 0.72 | 0.33 | 32.22 | 0.1 | 14.22 | | | |
| VR87871A | 273 | 57.34061 | -113.45120 | 0.02 | 54.57 | 0.79 | 0.31 | 28.1 | 0.18 | 15.51 | | | |
| VR87871A | 274 | 57.34061 | -113.45120 | 0.02 | 50.46 | 0.44 | 0.39 | 38.55 | 0.15 | 9.47 | | | |
| VR87871A | 276 | 57.34061 | -113.45120 | 0.01 | 55.02 | 0.36 | 0.17 | 27.35 | 0.3 | 16.72 | | | |
| VR87871A | 275 | 57.34061 | -113.45120 | 0.03 | 52.02 | 0.58 | 0 | 32.85 | 0.15 | 13.74 | | | |
| VR87871A | 278 | 57.34061 | -113.45120 | 0.02 | 54.75 | 0.34 | 2.78 | 26.1 | 0.33 | 15.7 | | | |
| VR87871A | 277 | 57.34061 | -113.45120 | 0 | 52.76 | 0.51 | 0.63 | 32.34 | 0.17 | 13.19 | | | |
| VR87871A | 279 | 57.34061 | -113.45120 | 0.01 | 54.36 | 0.52 | 1.16 | 26.93 | 0.25 | 15.97 | | | |
| VR87871A | 280 | 57.34061 | -113.45120 | 0.01 | 52.73 | 0.93 | 0.33 | 30.21 | 0.15 | 14.85 | | | |
| VR87871A | 281 | 57.34061 | -113.45120 | 0 | 52.78 | 0.72 | 0.63 | 30.25 | 0.12 | 14.99 | | | |
| VR87871A | 283 | 57.34061 | -113.45120 | 0.04 | 54.08 | 0.33 | 2.84 | 26.29 | 0.29 | 15.98 | | | |

Ilmenite Data

| Sample | Total | NiO | ZnO | V2O3 | V2O5 | Nb2O5 | ZrO2 | Ni(ppm) | Zn(ppm) | F | Cl | P2O5 | Fe2O3 |
|----------|--------|------|------|------|------|-------|------|---------|---------|---|----|------|-------|
| VR87871A | 99.64 | 0.14 | 0 | | | 0.1 | | | | | | | |
| VR87871A | 100.19 | 0.22 | 0.04 | | | 0.17 | | | | | | | |
| VR87871A | 100.22 | 0.04 | 0 | | | 0.18 | | | | | | | |
| VR87871A | 99.12 | 0.12 | 0 | | | 0.16 | | | | | | | |
| VR87871A | 100.12 | 0.05 | 0 | | | 0.08 | | | | | | | |
| VR87871A | 100.06 | 0.19 | 0 | | | 0.11 | | | | | | | |
| VR87871A | 100.06 | 0.04 | 0 | | | 0.15 | | | | | | | |
| VR87871A | 99.12 | 0.22 | 0.03 | | | 0.02 | | | | | | | |
| VR87871A | 99.55 | 0.06 | 0 | | | 0.06 | | | | | | | |
| VR87871A | 100.03 | 0.23 | 0 | | | 0.17 | | | | | | | |
| VR87871A | 99.36 | 0.21 | 0 | | | 0.06 | | | | | | | |
| VR87871A | 99.98 | 0.07 | 0 | | | 0.16 | | | | | | | |
| VR87871A | 99.77 | 0.04 | 0 | | | 0.12 | | | | | | | |
| VR87871A | 99.98 | 0.27 | 0 | | | 0.27 | | | | | | | |
| VR87871A | 100.24 | 0.06 | 0 | | | 0.07 | | | | | | | |
| VR87871A | 99.81 | 0.03 | 0 | | | 0.13 | | | | | | | |
| VR87871A | 99.73 | 0.18 | 0 | | | 0.12 | | | | | | | |
| VR87871A | 99.98 | 0.06 | 0 | | | 0.08 | | | | | | | |
| VR87871A | 100.07 | 0.23 | 0.05 | | | 0.17 | | | | | | | |
| VR87871A | 99.57 | 0.22 | 0 | | | 0.33 | | | | | | | |
| VR87871A | 99.23 | 0.24 | 0 | | | 0.17 | | | | | | | |
| VR87871A | 100.17 | 0.14 | 0.03 | | | 0.09 | | | | | | | |
| VR87871A | 99.48 | 0.23 | 0 | | | 0.1 | | | | | | | |
| VR87871A | 100.2 | 0.16 | 0 | | | 0.11 | | | | | | | |
| VR87871A | 99.87 | 0.14 | 0 | | | 0.02 | | | | | | | |
| VR87871A | 99.33 | 0.18 | 0.03 | | | 0.16 | | | | | | | |
| VR87871A | 99.73 | 0.12 | 0.03 | | | 0.1 | | | | | | | |
| VR87871A | 99.76 | 0.09 | 0.03 | | | 0.16 | | | | | | | |
| VR87871A | 100.07 | 0.05 | 0 | | | 0.09 | | | | | | | |
| VR87871A | 99.68 | 0.11 | 0.06 | | | 0.14 | | | | | | | |
| VR87871A | 100.19 | 0.05 | 0 | | | 0.12 | | | | | | | |
| VR87871A | 99.94 | 0.18 | 0.03 | | | 0.13 | | | | | | | |
| VR87871A | 99.58 | 0.14 | 0 | | | 0.24 | | | | | | | |
| VR87871A | 99.57 | 0.24 | 0 | | | 0.12 | | | | | | | |
| VR87871A | 99.83 | 0.23 | 0 | | | 0.11 | | | | | | | |
| VR87871A | 100.13 | 0.06 | 0.07 | | | 0.15 | | | | | | | |

Ilmenite Data

[illegible]

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|----------|--------------------------------|---------------|
| VR87871A | 47 60 CENTRAL W WELL DEVELOPED | |
| VR87871A | 49 60 W RIND | |
| VR87871A | 50 60 AT MARGIN W RIND OF TI-M | |
| VR87871A | 50 60 W RIND | |
| VR87871A | 51 60 AT MARGIN W RIND OF RUT | |
| VR87871A | 51 60 CENTRAL, W RIND OF RUT | |
| VR87871A | 52 60 AT MARGIN W RIND OF RUT | |
| VR87871A | 52 60 CENTRAL, W RIND OF RUT A | |
| VR87871A | 53 60 AT MARGIN W RIND OF TI-M | |
| VR87871A | 53 60 CENTRAL | |
| VR87871A | 54 60 W INCLUSION OF TI-MT | |
| VR87871A | 55 60 CENTRAL W RUT | |
| VR87871A | 58 60 AT MARGIN W RIND OF TI-M | |
| VR87871A | 58 60 CENTRAL | |
| VR87871A | 60 60 CENTRAL, W RIND OF RUT A | |
| VR87871A | 61 60 AT MARGIN W RIND OF RUT | |
| VR87871A | 61 60 CENTRAL, W RUT AND CHROM | |
| VR87871A | 62 60 AT MARGIN | |
| VR87871A | 62 60 CENTRAL, W RIND OF RUT | |
| VR87871A | 63 60 W RIND OF RUT | |
| VR87871A | 64 60 | |
| VR87871A | 65 60 AT MARGIN W RIND OF TI-M | |
| VR87871A | 65 60 CENTRAL, W RIND OF TI-MT | |
| VR87871A | 66 60 W RIND OF RUT | |
| VR87871A | 67 60 AT MARGIN W RIND OF TI-M | |
| VR87871A | 67 60 CENTRAL, W RIND OF PICRO | |
| VR87871A | 68 60 W RIND OF TI-MT | |
| VR87871A | 69 60 | |
| VR87871A | 70 60 AT MARGIN W RIND OF RUT | |
| VR87871A | 70 60 W RIND OF RUT AND TI-MT | |
| VR87871A | 72 60 AT MARGIN W RIND OF RUT | |
| VR87871A | 72 60 CENTRAL | |
| VR87871A | 73 60 W RIND OF TI-MT | |
| VR87871A | 74 60 W RIND OF TI-MT | |
| VR87871A | 75 60 W RIND OF TI-MT | |
| VR87871A | 76 60 AT MARGIN W RIND OF TI-M | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|----------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|-----|------|-----|
| VR87871A | 282 | 57.34061 | -113.45120 | 0.02 | 50.27 | 0.39 | 0.11 | 35.28 | 0.12 | 12.57 | | | |
| VR87871A | 284 | 57.34061 | -113.45120 | 0.01 | 52.59 | 0.47 | 2.23 | 30.9 | 0.13 | 13.13 | | | |
| VR87871A | 286 | 57.34061 | -113.45120 | 0.01 | 54.58 | 0.28 | 3.04 | 26.7 | 0.3 | 15.23 | | | |
| VR87871A | 285 | 57.34061 | -113.45120 | 0.03 | 51.28 | 0.45 | 2.49 | 33.11 | 0.11 | 11.95 | | | |
| VR87872A | 288 | 57.34061 | -113.45120 | 0.02 | 54.19 | 0.32 | 2.47 | 25.95 | 0.25 | 16.33 | | | |
| VR87872A | 287 | 57.34061 | -113.45120 | 0.01 | 51.53 | 0.33 | 0.46 | 33.3 | 0.25 | 13.35 | | | |
| VR87872A | 290 | 57.34061 | -113.45120 | 0.03 | 54.38 | 0.33 | 2.42 | 25.92 | 0.23 | 16.58 | | | |
| VR87872A | 289 | 57.34061 | -113.45120 | 0.01 | 56.42 | 0.59 | 0.77 | 25.81 | 0.21 | 15.57 | | | |
| VR87872A | 292 | 57.34061 | -113.45120 | 0.02 | 54.56 | 0.33 | 2.28 | 25.65 | 0.21 | 16.69 | | | |
| VR87872A | 291 | 57.34061 | -113.45120 | 0.07 | 52.39 | 0.54 | 3.18 | 28.41 | 0.24 | 14.29 | | | |
| VR87872A | 294 | 57.34061 | -113.45120 | 0.01 | 53.85 | 0.31 | 2.33 | 25.21 | 0.27 | 17.06 | | | |
| VR87872A | 293 | 57.34061 | -113.45120 | 0.02 | 52.5 | 0.54 | 0.34 | 31.34 | 0.18 | 14.33 | | | |
| VR87872A | 296 | 57.34061 | -113.45120 | 0.02 | 54.8 | 0.27 | 2.6 | 24.58 | 0.19 | 16.3 | | | |
| VR87872A | 295 | 57.34061 | -113.45120 | 0.01 | 50.88 | 0.53 | 2.91 | 31.78 | 0.19 | 12.38 | | | |
| VR87872A | 297 | 57.34061 | -113.45120 | 0.03 | 54.18 | 0.31 | 1.49 | 26.82 | 0.24 | 16.48 | | | |
| VR87872A | 299 | 57.34061 | -113.45120 | 0.02 | 54.7 | 0.31 | 2.13 | 25.34 | 0.33 | 16.62 | | | |
| VR87872A | 298 | 57.34061 | -113.45120 | 0.03 | 53.47 | 0.6 | 0.79 | 28.82 | 0.19 | 14.78 | | | |
| VR87872A | 301 | 57.34061 | -113.45120 | 0.01 | 54.05 | 0.32 | 2.89 | 25.41 | 0.32 | 16.07 | | | |
| VR87872A | 300 | 57.34061 | -113.45120 | 0.02 | 52.81 | 0.47 | 3.28 | 28.75 | 0.26 | 14.08 | | | |
| VR87872A | 303 | 57.34061 | -113.45120 | 0.02 | 54.35 | 0.33 | 1.42 | 27.25 | 0.32 | 16.17 | | | |
| VR87872A | 302 | 57.34061 | -113.45120 | 0.02 | 51.47 | 0.39 | 0.13 | 33.98 | 0.23 | 12.9 | | | |
| VR87872A | 305 | 57.34061 | -113.45120 | 0.01 | 54.4 | 0.31 | 1.86 | 25.58 | 0.33 | 16.77 | | | |
| VR87872A | 304 | 57.34061 | -113.45120 | 0.02 | 54.24 | 0.41 | 0.44 | 29.42 | 0.17 | 14.1 | | | |
| VR87872A | 306 | 57.34061 | -113.45120 | 0.02 | 55.59 | 0.37 | 0.99 | 26.47 | 0.27 | 15.78 | | | |
| VR87872A | 308 | 57.34061 | -113.45120 | 0.04 | 54.67 | 0.3 | 2.61 | 25.16 | 0.32 | 16.36 | | | |
| VR87872A | 307 | 57.34061 | -113.45120 | 0 | 55.8 | 0.54 | 0.85 | 25.65 | 0.24 | 15.78 | | | |
| VR87872A | 310 | 57.34061 | -113.45120 | 0.01 | 54.26 | 0.31 | 2.6 | 25.42 | 0.29 | 16.2 | | | |
| VR87872A | 309 | 57.34061 | -113.45120 | 0.02 | 50.66 | 0.27 | 0.51 | 35.51 | 0.16 | 12.37 | | | |
| VR87872A | 312 | 57.34061 | -113.45120 | 0.01 | 53.96 | 0.34 | 2.72 | 25.6 | 0.24 | 16.85 | | | |
| VR87872A | 311 | 57.34061 | -113.45120 | 0.02 | 50.72 | 0.52 | 3.2 | 32.77 | 0.12 | 11.87 | | | |
| VR87872A | 314 | 57.34061 | -113.45120 | 0.01 | 53.96 | 0.35 | 2.59 | 25.53 | 0.28 | 16.47 | | | |
| VR87872A | 313 | 57.34061 | -113.45120 | 0.03 | 54.13 | 0.78 | 1.89 | 27.13 | 0.12 | 15.03 | | | |
| VR87872A | 315 | 57.34061 | -113.45120 | 0.03 | 52.03 | 0.39 | 0.15 | 33.34 | 0.19 | 13.33 | | | |
| VR87872A | 316 | 57.34061 | -113.45120 | 0.02 | 54.37 | 0.32 | 2.47 | 25.44 | 0.32 | 16.9 | | | |
| VR87872A | 318 | 57.34061 | -113.45120 | 0.02 | 53.99 | 0.29 | 2.69 | 25 | 0.33 | 16.58 | | | |
| VR87872A | 317 | 57.34061 | -113.45120 | 0.02 | 54.66 | 0.69 | 0.85 | 27.29 | 0.18 | 15.08 | | | |

Ilmenite Data

| Sample | Total | NiO | ZnO | V2O3 | V2O5 | Nb2O5 | ZrO2 | Ni(ppm) | Zn(ppm) | F | Cl | P2O5 | Fe2O3 |
|----------|--------|------|------|------|------|-------|------|---------|---------|---|----|------|-------|
| VR87871A | 99.16 | 0.11 | 0 | | | 0.29 | | | | | | | |
| VR87871A | 99.81 | 0.18 | 0 | | | 0.17 | | | | | | | |
| VR87871A | 100.26 | 0.05 | 0 | | | 0.07 | | | | | | | |
| VR87871A | 99.8 | 0.19 | 0 | | | 0.19 | | | | | | | |
| VR87872A | 99.76 | 0.15 | 0 | | | 0.08 | | | | | | | |
| VR87872A | 99.72 | 0.2 | 0.08 | | | 0.21 | | | | | | | |
| VR87872A | 100.07 | 0.11 | 0 | | | 0.07 | | | | | | | |
| VR87872A | 99.85 | 0.31 | 0 | | | 0.16 | | | | | | | |
| VR87872A | 99.92 | 0.11 | 0 | | | 0.07 | | | | | | | |
| VR87872A | 99.42 | 0.2 | 0 | | | 0.1 | | | | | | | |
| VR87872A | 99.27 | 0.09 | 0.1 | | | 0.04 | | | | | | | |
| VR87872A | 99.57 | 0.21 | 0.03 | | | 0.08 | | | | | | | |
| VR87872A | 98.98 | 0.12 | 0 | | | 0.1 | | | | | | | |
| VR87872A | 99.11 | 0.27 | 0.01 | | | 0.15 | | | | | | | |
| VR87872A | 99.78 | 0.09 | 0 | | | 0.14 | | | | | | | |
| VR87872A | 99.57 | 0.11 | 0 | | | 0.01 | | | | | | | |
| VR87872A | 99.09 | 0.22 | 0 | | | 0.19 | | | | | | | |
| VR87872A | 99.34 | 0.17 | 0.01 | | | 0.09 | | | | | | | |
| VR87872A | 99.9 | 0.15 | 0 | | | 0.08 | | | | | | | |
| VR87872A | 100.04 | 0.08 | 0.04 | | | 0.06 | | | | | | | |
| VR87872A | 99.55 | 0.2 | 0 | | | 0.23 | | | | | | | |
| VR87872A | 99.4 | 0.1 | 0.02 | | | 0.02 | | | | | | | |
| VR87872A | 99.16 | 0.25 | 0 | | | 0.11 | | | | | | | |
| VR87872A | 99.83 | 0.23 | 0.02 | | | 0.09 | | | | | | | |
| VR87872A | 99.81 | 0.2 | 0.01 | | | 0.14 | | | | | | | |
| VR87872A | 99.28 | 0.27 | 0 | | | 0.15 | | | | | | | |
| VR87872A | 99.38 | 0.14 | 0.05 | | | 0.1 | | | | | | | |
| VR87872A | 100 | 0.14 | 0 | | | 0.36 | | | | | | | |
| VR87872A | 100.02 | 0.19 | 0 | | | 0.11 | | | | | | | |
| VR87872A | 99.69 | 0.3 | 0 | | | 0.17 | | | | | | | |
| VR87872A | 99.4 | 0.12 | 0.03 | | | 0.06 | | | | | | | |
| VR87872A | 99.56 | 0.27 | 0 | | | 0.18 | | | | | | | |
| VR87872A | 99.96 | 0.3 | 0 | | | 0.2 | | | | | | | |
| VR87872A | 100.05 | 0.08 | 0 | | | 0.13 | | | | | | | |
| VR87872A | 99.08 | 0.13 | 0 | | | 0.05 | | | | | | | |
| VR87872A | 99.27 | 0.3 | 0 | | | 0.2 | | | | | | | |

Ilmenite Data

[illegible]

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|----------|--------------------------------|---------------|
| VR87871A | 76 60 CENTRAL | |
| VR87871A | 77 60 W RIND OF PICRO | |
| VR87871A | 80 60 AT MARGIN W RIND OF TI-M | |
| VR87871A | 80 60 MAIN GRAIN | |
| VR87872A | 1 60 AT MARGIN | |
| VR87872A | 1 60 MAIN GRAIN | |
| VR87872A | 2 60 AT MARGIN W RIND OF RUT | |
| VR87872A | 2 60 CENTRAL | |
| VR87872A | 3 60 AT MARGIN W RIND OF RUT | |
| VR87872A | 3 60 CENTRAL W RIND | |
| VR87872A | 4 60 AT MARGIN W RIND OF RUT | |
| VR87872A | 4 60 CENTRAL | |
| VR87872A | 5 60 AT MARGIN W RIND OF RUT | |
| VR87872A | 5 60 CENTRAL | |
| VR87872A | 6 60 W RIND OF RUT AND TI-MT | |
| VR87872A | 7 60 AT MARGIN W RIND OF RUT | |
| VR87872A | 7 60 CENTRAL | |
| VR87872A | 8 60 AT MARGIN W RIND OF RUT | |
| VR87872A | 8 60 CENTRAL | |
| VR87872A | 9 60 AT MARGIN W RIND OF RUT | |
| VR87872A | 9 60 CENTRAL | |
| VR87872A | 10 60 AT MARGIN W RIND OF RUT | |
| VR87872A | 10 60 CENTRAL | |
| VR87872A | 11 60 W RIND OF TI-MT/SP | |
| VR87872A | 12 60 AT MARGIN W RUT AND TI-M | |
| VR87872A | 12 60 CENTRAL | |
| VR87872A | 13 60 AT MARGIN W RIND OF RUT | |
| VR87872A | 13 60 CENTRAL | |
| VR87872A | 14 60 AT MARGIN W RIND OF RUT | |
| VR87872A | 14 60 CENTRAL | |
| VR87872A | 15 60 AT MARGIN W RIND OF RUT | |
| VR87872A | 15 60 CENTRAL | |
| VR87872A | 16 60 CENTRAL | |
| VR87872A | 16 60 MARGIN W RIND OF RUT AND | |
| VR87872A | 17 60 AT MARGIN W RIND OF RUT | |
| VR87872A | 17 60 CENTRAL | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|----------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|-----|------|-----|
| VR87872A | 320 | 57.34061 | -113.45120 | 0.01 | 53.86 | 0.31 | 2.71 | 26.29 | 0.31 | 16.01 | | | |
| VR87872A | 319 | 57.34061 | -113.45120 | 0.02 | 53.12 | 0.75 | 2.83 | 27.28 | 0.23 | 15.15 | | | |
| VR87872A | 322 | 57.34061 | -113.45120 | 0.02 | 54.13 | 0.33 | 2.92 | 25.17 | 0.23 | 16.54 | | | |
| VR87872A | 321 | 57.34061 | -113.45120 | 0.01 | 51.72 | 0.73 | 0.83 | 31.59 | 0.16 | 14.13 | | | |
| VR87872A | 324 | 57.34061 | -113.45120 | 0.01 | 54.11 | 0.24 | 1.68 | 27.15 | 0.37 | 16.03 | | | |
| VR87872A | 323 | 57.34061 | -113.45120 | 0.02 | 53.44 | 0.32 | 2.6 | 27.33 | 0.18 | 15.05 | | | |
| VR87872A | 326 | 57.34061 | -113.45120 | 0.02 | 54.96 | 0.27 | 2.62 | 24.36 | 0.28 | 16.19 | | | |
| VR87872A | 325 | 57.34061 | -113.45120 | 0.05 | 53.65 | 0.54 | 0.55 | 29.8 | 0.19 | 14.47 | | | |
| VR87872A | 328 | 57.34061 | -113.45120 | 0.02 | 54.61 | 0.25 | 2.62 | 23.86 | 0.31 | 17.83 | | | |
| VR87872A | 327 | 57.34061 | -113.45120 | 0 | 56.51 | 0.24 | 0.18 | 25.27 | 0.23 | 16.6 | | | |
| VR87872A | 330 | 57.34061 | -113.45120 | 0.04 | 53.93 | 0.32 | 2.34 | 26.35 | 0.19 | 15.57 | | | |
| VR87872A | 329 | 57.34061 | -113.45120 | 0.03 | 50.9 | 0.33 | 0.12 | 35.8 | 0.08 | 11.58 | | | |
| VR87872A | 332 | 57.34061 | -113.45120 | 0.01 | 54.54 | 0.29 | 2.79 | 24.59 | 0.22 | 16.61 | | | |
| VR87872A | 331 | 57.34061 | -113.45120 | 0.02 | 55.12 | 0.73 | 0.48 | 27.06 | 0.15 | 15.63 | | | |
| VR87872A | 334 | 57.34061 | -113.45120 | 0.03 | 54.44 | 0.32 | 1.38 | 25.9 | 0.26 | 16.46 | | | |
| VR87872A | 333 | 57.34061 | -113.45120 | 0.02 | 50.72 | 0.28 | 0.51 | 36.06 | 0.09 | 11.17 | | | |
| VR87872A | 336 | 57.34061 | -113.45120 | 0.04 | 53.77 | 0.37 | 2.06 | 26.74 | 0.48 | 16.35 | | | |
| VR87872A | 335 | 57.34061 | -113.45120 | 0.06 | 52.72 | 0.5 | 1.38 | 29.32 | 0.37 | 14.77 | | | |
| VR87872A | 338 | 57.34061 | -113.45120 | 0.04 | 54.2 | 0.38 | 2.55 | 25.57 | 0.44 | 16.33 | | | |
| VR87872A | 337 | 57.34061 | -113.45120 | 0.05 | 55.53 | 0.56 | 0.7 | 25.83 | 0.39 | 15.95 | | | |
| VR87872A | 340 | 57.34061 | -113.45120 | 0.03 | 54.21 | 0.32 | 2.17 | 25.97 | 0.4 | 16.41 | | | |
| VR87872A | 339 | 57.34061 | -113.45120 | 0.01 | 53.85 | 0.5 | 0.66 | 28.25 | 0.22 | 15.08 | | | |
| VR87872A | 341 | 57.34061 | -113.45120 | 0.03 | 53.15 | 0.4 | 0.81 | 29.61 | 0.26 | 14.71 | | | |
| VR87872A | 342 | 57.34061 | -113.45120 | 0.03 | 54.33 | 0.29 | 2.53 | 25.57 | 0.4 | 16.45 | | | |
| VR87872A | 344 | 57.34061 | -113.45120 | 0.03 | 54.55 | 0.35 | 2.06 | 25.03 | 0.48 | 16.9 | | | |
| VR87872A | 343 | 57.34061 | -113.45120 | 0.06 | 55.45 | 0.66 | 0.77 | 25.84 | 0.37 | 15.98 | | | |
| VR87873A | 346 | 57.31025 | -113.29724 | 0.02 | 54.67 | 0.08 | 0.01 | 31.13 | 0.64 | 12.82 | | | |
| VR87873A | 345 | 57.31025 | -113.29724 | 0.03 | 52.17 | 0.07 | 0.07 | 39.72 | 0.56 | 6.6 | | | |
| VR87873A | 348 | 57.31025 | -113.29724 | 0.04 | 52.58 | 0.02 | 0 | 40.18 | 0.65 | 5.4 | | | |
| VR87873A | 347 | 57.31025 | -113.29724 | 0.03 | 50.63 | 0.03 | 0.07 | 47 | 0.47 | 1.24 | | | |
| VR87873A | 350 | 57.31025 | -113.29724 | 0.01 | 53.42 | 0.08 | 0 | 40.24 | 0.41 | 4.94 | | | |
| VR87873A | 349 | 57.31025 | -113.29724 | 0.04 | 52.17 | 0.14 | 0.03 | 44.3 | 0.26 | 2.26 | | | |
| VR87873A | 351 | 57.31025 | -113.29724 | 0.02 | 51.55 | 0.26 | 0 | 42.07 | 0.36 | 5.08 | | | |
| VR87873A | 353 | 57.31025 | -113.29724 | 0.01 | 53.78 | 0.12 | 0 | 33.71 | 0.55 | 11.15 | | | |
| VR87873A | 352 | 57.31025 | -113.29724 | 0.02 | 53.43 | 0.08 | 0.01 | 36.92 | 0.71 | 8.32 | | | |
| VR87873A | 355 | 57.31025 | -113.29724 | 0.01 | 53.88 | 0.13 | 0.08 | 32.97 | 0.51 | 12.17 | | | |

Ilmenite Data

| Sample | Total | NiO | ZnO | V2O3 | V2O5 | Nb2O5 | ZrO2 | Ni(ppm) | Zn(ppm) | F | Cl | P2O5 | Fe2O3 |
|----------|-------|------|------|------|------|-------|------|---------|---------|---|----|------|-------|
| VR87872A | 99.72 | 0.14 | 0.03 | | | 0.05 | | | | | | | |
| VR87872A | 100.1 | 0.33 | 0 | | | 0.39 | | | | | | | |
| VR87872A | 99.69 | 0.17 | 0 | | | 0.18 | | | | | | | |
| VR87872A | 99.59 | 0.24 | 0 | | | 0.18 | | | | | | | |
| VR87872A | 99.96 | 0.18 | 0.01 | | | 0.18 | | | | | | | |
| VR87872A | 99.39 | 0.27 | 0 | | | 0.18 | | | | | | | |
| VR87872A | 98.95 | 0.14 | 0 | | | 0.11 | | | | | | | |
| VR87872A | 99.58 | 0.23 | 0 | | | 0.1 | | | | | | | |
| VR87872A | 99.72 | 0.13 | 0 | | | 0.09 | | | | | | | |
| VR87872A | 99.31 | 0.22 | 0 | | | 0.06 | | | | | | | |
| VR87872A | 98.97 | 0.18 | 0 | | | 0.05 | | | | | | | |
| VR87872A | 99.14 | 0.16 | 0 | | | 0.14 | | | | | | | |
| VR87872A | 99.36 | 0.24 | 0 | | | 0.07 | | | | | | | |
| VR87872A | 99.62 | 0.29 | 0 | | | 0.14 | | | | | | | |
| VR87872A | 98.98 | 0.14 | 0 | | | 0.05 | | | | | | | |
| VR87872A | 99.34 | 0.2 | 0.02 | | | 0.27 | | | | | | | |
| VR87872A | 99.96 | 0.04 | 0 | | | 0.11 | | | | | | | |
| VR87872A | 99.42 | 0.14 | 0.01 | | | 0.15 | | | | | | | |
| VR87872A | 99.76 | 0.11 | 0 | | | 0.14 | | | | | | | |
| VR87872A | 99.27 | 0.18 | 0.01 | | | 0.07 | | | | | | | |
| VR87872A | 99.6 | 0.04 | 0 | | | 0.05 | | | | | | | |
| VR87872A | 98.87 | 0.21 | 0 | | | 0.09 | | | | | | | |
| VR87872A | 99.27 | 0.12 | 0.02 | | | 0.16 | | | | | | | |
| VR87872A | 99.76 | 0.08 | 0 | | | 0.08 | | | | | | | |
| VR87872A | 99.48 | 0.03 | 0 | | | 0.05 | | | | | | | |
| VR87872A | 99.35 | 0.11 | 0 | | | 0.11 | | | | | | | |
| VR87873A | 99.63 | 0.11 | 0.01 | | | 0.14 | | | | | | | |
| VR87873A | 99.43 | 0.11 | 0 | | | 0.1 | | | | | | | |
| VR87873A | 99.06 | 0.12 | 0 | | | 0.07 | | | | | | | |
| VR87873A | 99.83 | 0.12 | 0.06 | | | 0.18 | | | | | | | |
| VR87873A | 99.27 | 0.03 | 0.06 | | | 0.08 | | | | | | | |
| VR87873A | 99.58 | 0.17 | 0.12 | | | 0.09 | | | | | | | |
| VR87873A | 99.62 | 0.09 | 0.05 | | | 0.14 | | | | | | | |
| VR87873A | 99.7 | 0.12 | 0.13 | | | 0.13 | | | | | | | |
| VR87873A | 99.78 | 0.14 | 0 | | | 0.15 | | | | | | | |
| VR87873A | 99.9 | 0.1 | 0.05 | | | 0 | | | | | | | |

Ilmenite Data

[illegible]

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|----------|---------------------------------|---------------|
| VR87872A | 18 60 AT MARGIN W RIND OF RUT | |
| VR87872A | 18 60 CENTRAL | |
| VR87872A | 19 60 AT MARGIN W RIND OF RUT | |
| VR87872A | 19 60 CENTRAL | |
| VR87872A | 20 60 AT MARGIN W RIND OF RUT | |
| VR87872A | 20 60 CENTRAL | |
| VR87872A | 21 60 AT MARGIN W RIND OF RUT | |
| VR87872A | 21 60 CENTRAL | |
| VR87872A | 22 60 AT MARGIN W RIND OF RUT | |
| VR87872A | 22 60 CENTRAL | |
| VR87872A | 23 60 AT MARGIN W RIND OF RUT | |
| VR87872A | 23 60 CENTRAL | |
| VR87872A | 24 60 AT MARGIN W RIND OF RUT | |
| VR87872A | 24 60 CENTRAL | |
| VR87872A | 25 60 AT MARGIN W RIND OF RUT | |
| VR87872A | 25 60 CENTRAL | |
| VR87872A | 26 60 AT MARGIN W RIND OF RUT | |
| VR87872A | 26 60 CENTRAL | |
| VR87872A | 27 60 AT MARGIN W RIND OF RUT | |
| VR87872A | 27 60 CENTRAL | |
| VR87872A | 28 60 AT MARGIN W RIND RUT AND | |
| VR87872A | 28 60 CENTRAL | |
| VR87872A | 29 60 CENTRAL | |
| VR87872A | 29 60 MARGIN W RIND OF RUT AND | |
| VR87872A | 30 60 AT MARGIN W RIND OF RUT | |
| VR87872A | 30 60 CENTRAL | |
| VR87873A | 31 00 AT MARGIN W RIND OF TI-MT | |
| VR87873A | 31 00 CENTRAL | |
| VR87873A | 32 00 AT MARGIN W RIND OF PEROV | |
| VR87873A | 32 00 CENTRAL | |
| VR87873A | 33 00 AT MARGIN W RIND OF TI-MT | |
| VR87873A | 33 00 CENTRAL | |
| VR87873A | 34 00 W THICK RIND OF TI-MT | |
| VR87873A | 35 00 AT MARGIN | |
| VR87873A | 35 00 W COMPLEX RIND OF TI-MT & | |
| VR87873A | 36 00 AT MARGIN W RIND OF TI-MT | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|----------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|-----|------|-----|
| VR87873A | 354 | 57.31025 | -113.29724 | 0.01 | 50.7 | 0.07 | 0.08 | 42.7 | 0.4 | 5.01 | | | |
| VR87873A | 357 | 57.31025 | -113.29724 | 0.01 | 53.46 | 0.05 | 0 | 33.04 | 0.65 | 12.09 | | | |
| VR87873A | 356 | 57.31025 | -113.29724 | 0.02 | 50.29 | 0.07 | 0.06 | 46.25 | 0.3 | 2.21 | | | |
| VR87873A | 359 | 57.31025 | -113.29724 | 0.01 | 54.25 | 0.06 | 0.1 | 36.12 | 0.6 | 8.38 | | | |
| VR87873A | 358 | 57.31025 | -113.29724 | 0.03 | 52.4 | 0.05 | 0.05 | 43.46 | 0.35 | 2.9 | | | |
| VR87873A | 361 | 57.31025 | -113.29724 | 0.01 | 53.57 | 0.06 | 0.05 | 35.08 | 0.49 | 10.01 | | | |
| VR87873A | 360 | 57.31025 | -113.29724 | 0.01 | 50.44 | 0.04 | 0.02 | 44.98 | 0.35 | 3.42 | | | |
| VR87873A | 363 | 57.31025 | -113.29724 | 0.04 | 53.77 | 0.06 | 0.03 | 36.74 | 0.5 | 8.22 | | | |
| VR87873A | 362 | 57.31025 | -113.29724 | 0.01 | 52.2 | 0.03 | 0 | 44.11 | 0.52 | 2.68 | | | |
| VR87873A | 365 | 57.31025 | -113.29724 | 0.03 | 56.51 | 0.07 | 0.02 | 29.21 | 0.44 | 13.41 | | | |
| VR87873A | 364 | 57.31025 | -113.29724 | 0.02 | 54.57 | 0.05 | 0.05 | 37.39 | 0.35 | 6.32 | | | |
| VR87873A | 367 | 57.31025 | -113.29724 | 0 | 53.34 | 0.06 | 0.01 | 33.23 | 0.6 | 11.68 | | | |
| VR87873A | 366 | 57.31025 | -113.29724 | 0.03 | 49.96 | 0.04 | 0.05 | 46.28 | 0.49 | 2.64 | | | |
| VR87873A | 369 | 57.31025 | -113.29724 | 0.01 | 52.95 | 0.05 | 0 | 40.83 | 0.39 | 4.51 | | | |
| VR87873A | 368 | 57.31025 | -113.29724 | 0.03 | 54 | 0.02 | 0.04 | 41 | 0.26 | 4.13 | | | |
| VR87873A | 371 | 57.31025 | -113.29724 | 0.01 | 52.28 | 0.13 | 0 | 35.68 | 0.68 | 10.04 | | | |
| VR87873A | 370 | 57.31025 | -113.29724 | 0.02 | 52.35 | 0.04 | 0.04 | 41.88 | 0.64 | 4.13 | | | |
| VR87873A | 373 | 57.31025 | -113.29724 | 0.03 | 52.24 | 0.03 | 0.02 | 39.1 | 0.38 | 7.46 | | | |
| VR87873A | 372 | 57.31025 | -113.29724 | 0.03 | 50.18 | 0.07 | 0.03 | 46.78 | 0.24 | 1.65 | | | |
| VR87873A | 375 | 57.31025 | -113.29724 | 0.03 | 56.12 | 0.03 | 0.08 | 32.48 | 0.38 | 10.41 | | | |
| VR87873A | 374 | 57.31025 | -113.29724 | 0.03 | 55.06 | 0.04 | 0.02 | 38.66 | 0.24 | 4.69 | | | |
| VR87873A | 377 | 57.31025 | -113.29724 | 0.03 | 52.77 | 0.13 | 0.1 | 38.39 | 0.51 | 7.13 | | | |
| VR87873A | 376 | 57.31025 | -113.29724 | 0.02 | 49.68 | 0.04 | 0.06 | 47.83 | 0.46 | 1.22 | | | |
| VR87873A | 379 | 57.31025 | -113.29724 | 0.08 | 51.6 | 0.19 | 0.05 | 39.46 | 0.74 | 6.84 | | | |
| VR87873A | 378 | 57.31025 | -113.29724 | 0.05 | 50.53 | 0.36 | 0.02 | 46.98 | 0.37 | 0.79 | | | |
| VR87873A | 381 | 57.31025 | -113.29724 | 0.02 | 56.71 | 0.06 | 0 | 30.39 | 0.5 | 11.45 | | | |
| VR87873A | 380 | 57.31025 | -113.29724 | 0.03 | 53.28 | 0.12 | 0.02 | 39.73 | 0.26 | 5.28 | | | |
| VR87873A | 383 | 57.31025 | -113.29724 | 0.05 | 53.74 | 0.06 | 0.05 | 40.02 | 0.57 | 4.99 | | | |
| VR87873A | 382 | 57.31025 | -113.29724 | 0.03 | 53.4 | 0.03 | 0.01 | 42.41 | 0.33 | 2.47 | | | |
| VR87873A | 385 | 57.31025 | -113.29724 | 0.03 | 53.02 | 0.08 | 0.09 | 38.54 | 0.48 | 7.32 | | | |
| VR87873A | 384 | 57.31025 | -113.29724 | 0.04 | 50.79 | 0.07 | 0 | 45.24 | 0.31 | 2.52 | | | |
| VR87873A | 387 | 57.31025 | -113.29724 | 0.02 | 53.42 | 0.25 | 0.03 | 35.04 | 0.61 | 10.49 | | | |
| VR87873A | 386 | 57.31025 | -113.29724 | 0.02 | 51.41 | 0.04 | 0.15 | 40.46 | 0.5 | 6.21 | | | |
| VR87873A | 389 | 57.31025 | -113.29724 | 0.01 | 52.08 | 0.13 | 0 | 39.84 | 0.67 | 5.94 | | | |
| VR87873A | 388 | 57.31025 | -113.29724 | 0.03 | 50.75 | 0.19 | 0 | 46.36 | 0.45 | 1.09 | | | |
| VR87873A | 391 | 57.31025 | -113.29724 | 0.02 | 54.84 | 0.05 | 0 | 34.98 | 0.49 | 8.99 | | | |

Ilmenite Data

| Sample | Total | NiO | ZnO | V2O3 | V2O5 | Nb2O5 | ZrO2 | Ni(ppm) | Zn(ppm) | F | Cl | P2O5 | Fe2O3 |
|----------|--------|------|------|------|------|-------|------|---------|---------|---|----|------|-------|
| VR87873A | 99.19 | 0.12 | 0 | | | 0.1 | | | | | | | |
| VR87873A | 99.44 | 0.06 | 0 | | | 0.08 | | | | | | | |
| VR87873A | 99.49 | 0.09 | 0.09 | | | 0.11 | | | | | | | |
| VR87873A | 99.67 | 0.07 | 0 | | | 0.08 | | | | | | | |
| VR87873A | 99.52 | 0.12 | 0 | | | 0.16 | | | | | | | |
| VR87873A | 99.62 | 0.13 | 0.09 | | | 0.13 | | | | | | | |
| VR87873A | 99.56 | 0.07 | 0.15 | | | 0.08 | | | | | | | |
| VR87873A | 99.51 | 0.04 | 0.02 | | | 0.09 | | | | | | | |
| VR87873A | 99.77 | 0.11 | 0.07 | | | 0.04 | | | | | | | |
| VR87873A | 99.93 | 0.06 | 0.07 | | | 0.11 | | | | | | | |
| VR87873A | 99.16 | 0.14 | 0.09 | | | 0.18 | | | | | | | |
| VR87873A | 99.05 | 0.09 | 0 | | | 0.04 | | | | | | | |
| VR87873A | 99.82 | 0.12 | 0.03 | | | 0.18 | | | | | | | |
| VR87873A | 99.1 | 0.09 | 0.08 | | | 0.19 | | | | | | | |
| VR87873A | 99.76 | 0.11 | 0.07 | | | 0.1 | | | | | | | |
| VR87873A | 99.02 | 0.09 | 0 | | | 0.11 | | | | | | | |
| VR87873A | 99.21 | 0.03 | 0.03 | | | 0.05 | | | | | | | |
| VR87873A | 99.57 | 0.12 | 0.01 | | | 0.18 | | | | | | | |
| VR87873A | 99.33 | 0.13 | 0.13 | | | 0.09 | | | | | | | |
| VR87873A | 99.8 | 0.06 | 0 | | | 0.21 | | | | | | | |
| VR87873A | 99.13 | 0.13 | 0.1 | | | 0.16 | | | | | | | |
| VR87873A | 99.25 | 0.07 | 0.04 | | | 0.08 | | | | | | | |
| VR87873A | 99.62 | 0.13 | 0.12 | | | 0.06 | | | | | | | |
| VR87873A | 99.27 | 0.17 | 0.14 | | | 0 | | | | | | | |
| VR87873A | 99.46 | 0.1 | 0.14 | | | 0.12 | | | | | | | |
| VR87873A | 99.34 | 0.11 | 0.05 | | | 0.05 | | | | | | | |
| VR87873A | 99.01 | 0.07 | 0.18 | | | 0.04 | | | | | | | |
| VR87873A | 99.65 | 0.11 | 0 | | | 0.06 | | | | | | | |
| VR87873A | 99 | 0.12 | 0.08 | | | 0.12 | | | | | | | |
| VR87873A | 99.87 | 0.1 | 0.13 | | | 0.08 | | | | | | | |
| VR87873A | 99.2 | 0.08 | 0.05 | | | 0.1 | | | | | | | |
| VR87873A | 100.08 | 0.07 | 0.03 | | | 0.12 | | | | | | | |
| VR87873A | 98.96 | 0.12 | 0.02 | | | 0.03 | | | | | | | |
| VR87873A | 98.85 | 0.07 | 0.05 | | | 0.06 | | | | | | | |
| VR87873A | 99.25 | 0.09 | 0.21 | | | 0.08 | | | | | | | |
| VR87873A | 99.54 | 0.09 | 0 | | | 0.08 | | | | | | | |

Ilmenite Data

[illegible]

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|----------|---------------------------------|---------------|
| VR87873A | 36 00 CENTRAL | |
| VR87873A | 37 00 AT MARGIN W RIND OF PEROV | |
| VR87873A | 37 00 CENTRAL | |
| VR87873A | 38 00 AT MARGIN W RIND OF TI-MT | |
| VR87873A | 38 00 CENTRAL | |
| VR87873A | 39 00 AT MARGIN W RIND OF TI-MT | |
| VR87873A | 39 00 CENTRAL | |
| VR87873A | 40 00 AT MARGIN W RIND OF TI-MT | |
| VR87873A | 40 00 CENTRAL | |
| VR87873A | 41 00 AT MARGIN W RIND OF PEROV | |
| VR87873A | 41 00 CENTRAL | |
| VR87873A | 42 00 AT MARGIN W RIND OF TI-MT | |
| VR87873A | 42 00 CENTRAL | |
| VR87873A | 43 00 AT MARGIN W RIND OF TI-MT | |
| VR87873A | 43 00 CENTRAL | |
| VR87873A | 44 00 AT MARGIN W RIND OF TI-MT | |
| VR87873A | 44 00 CENTRAL | |
| VR87873A | 45 00 AT MARGIN W RIND OF TI-MT | |
| VR87873A | 45 00 CENTRAL | |
| VR87873A | 46 00 AT MARGIN W RIND OF PEROV | |
| VR87873A | 46 00 CENTRAL | |
| VR87873A | 47 00 AT MARGIN W RIND OF TI-MT | |
| VR87873A | 47 00 CENTRAL | |
| VR87873A | 48 00 AT MARGIN W RIND OF TI-MT | |
| VR87873A | 48 00 CENTRAL | |
| VR87873A | 49 00 AT MARGIN W RIND OF TI-MT | |
| VR87873A | 49 00 CENTRAL | |
| VR87873A | 50 00 AT MARGIN W RIND OF TI-MT | |
| VR87873A | 50 00 CENTRAL | |
| VR87873A | 51 00 AT MARGIN W RIND OF TI-MT | |
| VR87873A | 51 00 CENTRAL | |
| VR87873A | 52 00 AT MARGIN W RIND OF PEROV | |
| VR87873A | 52 00 CENTRAL | |
| VR87873A | 53 00 AT MARGIN W RIND OF TI-MT | |
| VR87873A | 53 00 CENTRAL | |
| VR87873A | 54 00 AT MARGIN W RIND OF TI-MT | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|----------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|-----|------|-----|
| VR87873A | 390 | 57.31025 | -113.29724 | 0.03 | 52.66 | 0.12 | 0.06 | 44.31 | 0.25 | 1.92 | | | |
| VR87873A | 393 | 57.31025 | -113.29724 | 0.02 | 52.05 | 0.07 | 0.06 | 42.47 | 0.62 | 4.43 | | | |
| VR87873A | 392 | 57.31025 | -113.29724 | 0.01 | 53.19 | 0.05 | 0 | 41.76 | 0.55 | 4.14 | | | |
| VR87873A | 395 | 57.31025 | -113.29724 | 0.01 | 54.68 | 0.12 | 0.05 | 29.6 | 0.61 | 14.33 | | | |
| VR87873A | 394 | 57.31025 | -113.29724 | 0.03 | 51.55 | 0.08 | 0.1 | 42.01 | 0.5 | 4.07 | | | |
| VR87873A | 397 | 57.31025 | -113.29724 | 0 | 57.05 | 0.06 | 0.05 | 28.01 | 0.62 | 13.84 | | | |
| VR87873A | 396 | 57.31025 | -113.29724 | 0.01 | 55.12 | 0.08 | 0.01 | 39.32 | 0.28 | 5 | | | |
| VR87873A | 399 | 57.31025 | -113.29724 | 0.01 | 51.83 | 0.11 | 0.04 | 40.54 | 0.65 | 6.02 | | | |
| VR87873A | 398 | 57.31025 | -113.29724 | 0.05 | 51.05 | 0.04 | 0.02 | 44.55 | 0.51 | 2.63 | | | |
| VR87873A | 401 | 57.31025 | -113.29724 | 0.03 | 51.32 | 0.21 | 0.83 | 34.55 | 0.25 | 11.4 | | | |
| VR87873A | 400 | 57.31025 | -113.29724 | 0.02 | 50.77 | 0.35 | 1.07 | 35.55 | 0.25 | 11.2 | | | |
| VR87896A | 402 | 57.26721 | -113.04761 | 0.04 | 51.3 | 0.66 | 0.14 | 35.44 | 0.26 | 11.05 | | | |
| VR87900A | 404 | 57.34061 | -113.45120 | 0.01 | 54.14 | 0.28 | 2.63 | 25.7 | 0.44 | 16.12 | | | |
| VR87900A | 403 | 57.34061 | -113.45120 | 0.01 | 51.87 | 0.37 | 0.03 | 34.97 | 0.26 | 11.04 | | | |
| VR87900A | 406 | 57.34061 | -113.45120 | 0 | 54.61 | 0.26 | 2.76 | 25.36 | 0.39 | 16.44 | | | |
| VR87900A | 405 | 57.34061 | -113.45120 | 0.03 | 55.4 | 0.39 | 0.24 | 28.25 | 0.29 | 14.89 | | | |
| VR87900A | 407 | 57.34061 | -113.45120 | 0.01 | 54.42 | 0.59 | 1.4 | 27.6 | 0.39 | 14.85 | | | |
| VR87900A | 408 | 57.34061 | -113.45120 | 0.03 | 53.17 | 0.6 | 4.26 | 25.87 | 0.34 | 15.56 | | | |
| VR87900A | 409 | 57.34061 | -113.45120 | 0 | 52.27 | 0.51 | 1.3 | 31.52 | 0.18 | 13.27 | | | |
| VR87900A | 411 | 57.34061 | -113.45120 | 0.01 | 54.15 | 0.29 | 2.6 | 25.34 | 0.38 | 16.5 | | | |
| VR87900A | 410 | 57.34061 | -113.45120 | 0.02 | 51.08 | 0.4 | 0.05 | 35.69 | 0.22 | 11.43 | | | |
| VR87900A | 413 | 57.34061 | -113.45120 | 0.02 | 54.41 | 0.32 | 1.61 | 26.34 | 0.43 | 16.4 | | | |
| VR87900A | 412 | 57.34061 | -113.45120 | 0.01 | 48.76 | 0.42 | 0 | 37 | 0.24 | 11.69 | | | |
| VR87900A | 415 | 57.34061 | -113.45120 | 0 | 54.57 | 0.28 | 2.85 | 25.02 | 0.45 | 16.35 | | | |
| VR87900A | 414 | 57.34061 | -113.45120 | 0.03 | 51.49 | 0.4 | 1.29 | 32.46 | 0.28 | 12.53 | | | |
| VR87900A | 417 | 57.34061 | -113.45120 | 0.01 | 54.45 | 0.28 | 2.63 | 24.89 | 0.42 | 16.06 | | | |
| VR87900A | 416 | 57.34061 | -113.45120 | 0.03 | 53.37 | 0.4 | 0.54 | 30.83 | 0.3 | 13.23 | | | |
| VR87900A | 419 | 57.34061 | -113.45120 | 0.01 | 54.73 | 0.26 | 2.22 | 24.76 | 0.43 | 16.96 | | | |
| VR87900A | 418 | 57.34061 | -113.45120 | 0.01 | 50.87 | 0.35 | 0.01 | 36.2 | 0.19 | 10.92 | | | |
| VR87900A | 421 | 57.34061 | -113.45120 | 0.02 | 54.11 | 0.57 | 0.17 | 26.89 | 0.51 | 16.43 | | | |
| VR87900A | 420 | 57.34061 | -113.45120 | 0.04 | 51.42 | 0.58 | 0.19 | 36.8 | 0.23 | 9.77 | | | |
| VR87900A | 423 | 57.34061 | -113.45120 | 0.01 | 55.37 | 0.24 | 2.03 | 25.79 | 0.25 | 15.95 | | | |
| VR87900A | 422 | 57.34061 | -113.45120 | 0.01 | 52.51 | 0.34 | 1.42 | 31.6 | 0.25 | 13.25 | | | |
| VR87900A | 425 | 57.34061 | -113.45120 | 0.12 | 54.11 | 0.31 | 2.93 | 25.83 | 0.31 | 16.13 | | | |
| VR87900A | 424 | 57.34061 | -113.45120 | 0.03 | 51.94 | 0.46 | 0.05 | 32.7 | 0.27 | 12.84 | | | |
| VR87900A | 426 | 57.34061 | -113.45120 | 0.04 | 54.89 | 0.34 | 0.77 | 26.93 | 0.39 | 15.44 | | | |

Ilmenite Data

| Sample | Total | NiO | ZnO | V2O3 | V2O5 | Nb2O5 | ZrO2 | Ni(ppm) | Zn(ppm) | F | Cl | P2O5 | Fe2O3 |
|----------|--------|------|------|------|------|-------|------|---------|---------|---|----|------|-------|
| VR87873A | 99.79 | 0.16 | 0.18 | | | 0.1 | | | | | | | |
| VR87873A | 100.03 | 0.12 | 0.1 | | | 0.09 | | | | | | | |
| VR87873A | 99.85 | 0.08 | 0.03 | | | 0.04 | | | | | | | |
| VR87873A | 99.52 | 0.03 | 0 | | | 0.09 | | | | | | | |
| VR87873A | 98.76 | 0.14 | 0.12 | | | 0.16 | | | | | | | |
| VR87873A | 99.78 | 0.08 | 0 | | | 0.07 | | | | | | | |
| VR87873A | 100.09 | 0.12 | 0.11 | | | 0.04 | | | | | | | |
| VR87873A | 99.41 | 0.15 | 0.06 | | | 0 | | | | | | | |
| VR87873A | 99.06 | 0.12 | 0.01 | | | 0.08 | | | | | | | |
| VR87873A | 98.85 | 0.17 | 0 | | | 0.09 | | | | | | | |
| VR87873A | 99.46 | 0.18 | 0 | | | 0.07 | | | | | | | |
| VR87896A | 99.2 | 0.13 | 0.08 | | | 0.1 | | | | | | | |
| VR87900A | 99.67 | 0.17 | 0.04 | | | 0.14 | | | | | | | |
| VR87900A | 99 | 0.22 | 0.02 | | | 0.21 | | | | | | | |
| VR87900A | 100.14 | 0.18 | 0.06 | | | 0.08 | | | | | | | |
| VR87900A | 99.94 | 0.24 | 0 | | | 0.21 | | | | | | | |
| VR87900A | 99.78 | 0.35 | 0.03 | | | 0.14 | | | | | | | |
| VR87900A | 100.17 | 0.23 | 0 | | | 0.11 | | | | | | | |
| VR87900A | 99.52 | 0.21 | 0.02 | | | 0.24 | | | | | | | |
| VR87900A | 99.5 | 0.21 | 0 | | | 0.02 | | | | | | | |
| VR87900A | 99.23 | 0.18 | 0.08 | | | 0.08 | | | | | | | |
| VR87900A | 99.87 | 0.22 | 0 | | | 0.12 | | | | | | | |
| VR87900A | 98.65 | 0.29 | 0.05 | | | 0.19 | | | | | | | |
| VR87900A | 99.95 | 0.23 | 0.01 | | | 0.19 | | | | | | | |
| VR87900A | 99.14 | 0.3 | 0.09 | | | 0.27 | | | | | | | |
| VR87900A | 99.05 | 0.2 | 0 | | | 0.11 | | | | | | | |
| VR87900A | 99.31 | 0.26 | 0.1 | | | 0.25 | | | | | | | |
| VR87900A | 99.76 | 0.14 | 0.06 | | | 0.19 | | | | | | | |
| VR87900A | 98.93 | 0.18 | 0 | | | 0.2 | | | | | | | |
| VR87900A | 99.04 | 0.15 | 0.01 | | | 0.18 | | | | | | | |
| VR87900A | 99.39 | 0.22 | 0 | | | 0.14 | | | | | | | |
| VR87900A | 99.9 | 0.15 | 0.03 | | | 0.08 | | | | | | | |
| VR87900A | 99.91 | 0.31 | 0.08 | | | 0.14 | | | | | | | |
| VR87900A | 100.1 | 0.26 | 0.06 | | | 0.04 | | | | | | | |
| VR87900A | 98.87 | 0.31 | 0.02 | | | 0.25 | | | | | | | |
| VR87900A | 99.18 | 0.23 | 0.02 | | | 0.13 | | | | | | | |

Ilmenite Data

[illegible]

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|----------|---------------------------------|---------------|
| VR87873A | 54 00 CENTRAL, W RUT INCLUIONS | |
| VR87873A | 56 00 AT MARGIN W RIND OF TI-MT | |
| VR87873A | 56 00 CENTRAL | |
| VR87873A | 57 00 AT MARGIN W RIND OF RUT A | |
| VR87873A | 57 00 CENTRAL | |
| VR87873A | 58 00 AT MARGIN W RIND OF TI-MT | |
| VR87873A | 58 00 CENTRAL | |
| VR87873A | 59 00 AT MARGIN W RIND OF RUT A | |
| VR87873A | 59 00 CENTRAL | |
| VR87873A | 60 00 AT MARGIN W MINOR RIND OF | |
| VR87873A | 60 00 CENTRAL | |
| VR87896A | 89 60 | |
| VR87900A | 36 35 AT MARGIN W RIND TI-MT | |
| VR87900A | 36 35 CENTRAL | |
| VR87900A | 37 35 AT MARGIN W RIND TI-MT | |
| VR87900A | 37 35 MAIN GRAIN | |
| VR87900A | 38 35 W RIND TI-MT | |
| VR87900A | 39 35 | |
| VR87900A | 40 35 | |
| VR87900A | 41 35 AT MARGIN | |
| VR87900A | 41 35 MAIN GRAIN | |
| VR87900A | 42 35 AT MARGIN W RIND TI-MT | |
| VR87900A | 42 35 MAIN GRAIN | |
| VR87900A | 43 35 AT MARGIN W RIND TI-MT | |
| VR87900A | 43 35 MAIN GRAIN | |
| VR87900A | 44 35 AT MARGIN W RIND TI-MT | |
| VR87900A | 44 35 CENTRAL | |
| VR87900A | 45 35 AT MARGIN W RIND TI-MT | |
| VR87900A | 45 35 MAIN GRAIN | |
| VR87900A | 46 35 AT MARGIN W RIND TI-MT | |
| VR87900A | 46 35 MAIN GRAIN | |
| VR87900A | 47 35 AT MARGIN | |
| VR87900A | 47 35 CENTRAL | |
| VR87900A | 50 35 AT MARGIN W RIND TI-MT | |
| VR87900A | 50 35 MAIN GRAIN | |
| VR87900A | 51 35 W RIND TI-MT | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|----------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|-----|------|-----|
| VR87900A | 428 | 57.34061 | -113.45120 | 0 | 54.13 | 0.29 | 2.44 | 26.79 | 0.37 | 15.88 | | | |
| VR87900A | 427 | 57.34061 | -113.45120 | 0.01 | 50.05 | 0.23 | 0.83 | 37.19 | 0.33 | 10 | | | |
| VR87900A | 430 | 57.34061 | -113.45120 | 0.01 | 53.84 | 0.3 | 2.36 | 26.53 | 0.37 | 15.49 | | | |
| VR87900A | 429 | 57.34061 | -113.45120 | 0 | 52.15 | 0.43 | 0.12 | 32.64 | 0.21 | 13.3 | | | |
| VR87900A | 432 | 57.34061 | -113.45120 | 0 | 54.25 | 0.27 | 2.63 | 25.16 | 0.36 | 16.44 | | | |
| VR87900A | 431 | 57.34061 | -113.45120 | 0.02 | 53.87 | 0.39 | 0.78 | 28.57 | 0.32 | 15.05 | | | |
| VR87900A | 434 | 57.34061 | -113.45120 | 0.02 | 54.41 | 0.29 | 2.23 | 25.77 | 0.42 | 15.82 | | | |
| VR87900A | 433 | 57.34061 | -113.45120 | 0.03 | 51.37 | 0.39 | 2.55 | 31.46 | 0.35 | 12.72 | | | |
| VR87900A | 436 | 57.34061 | -113.45120 | 0.02 | 54.55 | 0.27 | 1.93 | 24.9 | 0.43 | 17.09 | | | |
| VR87900A | 435 | 57.34061 | -113.45120 | 0.03 | 53.03 | 0.52 | 2.47 | 28.39 | 0.25 | 14.26 | | | |
| VR87900A | 438 | 57.34061 | -113.45120 | 0.02 | 54.68 | 0.25 | 1.47 | 27.61 | 0.32 | 15.1 | | | |
| VR87900A | 437 | 57.34061 | -113.45120 | 0 | 52.57 | 0.37 | 0.1 | 31.7 | 0.25 | 13.77 | | | |
| VR87900A | 440 | 57.34061 | -113.45120 | 0.02 | 54.69 | 0.3 | 1.87 | 25.58 | 0.33 | 16.54 | | | |
| VR87900A | 439 | 57.34061 | -113.45120 | 0.02 | 51.94 | 0.35 | 0.14 | 32.94 | 0.23 | 12.9 | | | |
| VR87900A | 441 | 57.34061 | -113.45120 | 0.02 | 53.92 | 0.4 | 0.19 | 30.03 | 0.27 | 13.87 | | | |
| VR87900A | 443 | 57.34061 | -113.45120 | 0 | 54.33 | 0.3 | 3.17 | 25.53 | 0.29 | 16 | | | |
| VR87900A | 442 | 57.34061 | -113.45120 | 0.01 | 50.68 | 0.44 | 0.28 | 33.23 | 0.23 | 13.66 | | | |
| VR87900A | 445 | 57.34061 | -113.45120 | 0.01 | 54.25 | 0.24 | 1.81 | 25.87 | 0.47 | 17.22 | | | |
| VR87900A | 444 | 57.34061 | -113.45120 | 0.04 | 55.48 | 0.56 | 1.82 | 25.35 | 0.4 | 16.18 | | | |
| VR87900A | 446 | 57.34061 | -113.45120 | 0.02 | 49.96 | 0.27 | 0.5 | 35.69 | 0.24 | 11.93 | | | |
| VR87900A | 447 | 57.34061 | -113.45120 | 0.01 | 53.53 | 0.34 | 3.22 | 26.7 | 0.35 | 15.6 | | | |
| VR87900A | 449 | 57.34061 | -113.45120 | 0 | 54.82 | 0.34 | 2.18 | 24.54 | 0.4 | 17.15 | | | |
| VR87900A | 448 | 57.34061 | -113.45120 | 0 | 49.03 | 0.32 | 0.56 | 36.28 | 0.2 | 11.75 | | | |
| VR87900A | 451 | 57.34061 | -113.45120 | 0 | 53.9 | 0.32 | 3.17 | 26.06 | 0.39 | 15.72 | | | |
| VR87900A | 450 | 57.34061 | -113.45120 | 0.02 | 51.11 | 0.4 | 0 | 34.77 | 0.25 | 12.6 | | | |
| VR87900A | 453 | 57.34061 | -113.45120 | 0 | 54.52 | 0.36 | 1.48 | 25.18 | 0.35 | 17.08 | | | |
| VR87900A | 452 | 57.34061 | -113.45120 | 0.03 | 52.52 | 0.63 | 2.42 | 29 | 0.2 | 14.47 | | | |
| VR87900A | 455 | 57.34061 | -113.45120 | 0 | 53.73 | 0.35 | 1.96 | 25.54 | 0.42 | 16.5 | | | |
| VR87900A | 454 | 57.34061 | -113.45120 | 0.01 | 52.5 | 0.36 | 0.18 | 30.87 | 0.32 | 14.3 | | | |
| VR87900A | 457 | 57.34061 | -113.45120 | 0 | 54.17 | 0.36 | 1.93 | 26.15 | 0.47 | 16.68 | | | |
| VR87900A | 456 | 57.34061 | -113.45120 | 0.02 | 53.37 | 0.66 | 0.7 | 29.04 | 0.37 | 15.26 | | | |
| VR87900A | 459 | 57.34061 | -113.45120 | 0 | 55.32 | 0.21 | 2.43 | 23.42 | 0.41 | 17.63 | | | |
| VR87900A | 458 | 57.34061 | -113.45120 | 0 | 50.98 | 0.37 | 0.17 | 33.31 | 0.27 | 13.38 | | | |
| VR87900A | 461 | 57.34061 | -113.45120 | 0 | 54.25 | 0.24 | 2.69 | 24.94 | 0.39 | 17.39 | | | |
| VR87900A | 460 | 57.34061 | -113.45120 | 0.07 | 52.03 | 0.39 | 0.1 | 33.9 | 0.34 | 12.41 | | | |
| VR87900A | 462 | 57.34061 | -113.45120 | 0.06 | 55.45 | 0.51 | 0.87 | 26.33 | 0.35 | 16.31 | | | |

Ilmenite Data

| Sample | Total | NiO | ZnO | V2O3 | V2O5 | Nb2O5 | ZrO2 | Ni(ppm) | Zn(ppm) | F | Cl | P2O5 | Fe2O3 |
|----------|--------|------|------|------|------|-------|------|---------|---------|---|----|------|-------|
| VR87900A | 100.26 | 0.22 | 0 | | | 0.14 | | | | | | | |
| VR87900A | 99.35 | 0.25 | 0.07 | | | 0.39 | | | | | | | |
| VR87900A | 99.13 | 0.11 | 0 | | | 0.12 | | | | | | | |
| VR87900A | 99.25 | 0.24 | 0.01 | | | 0.15 | | | | | | | |
| VR87900A | 99.35 | 0.2 | 0 | | | 0.04 | | | | | | | |
| VR87900A | 99.42 | 0.36 | 0 | | | 0.06 | | | | | | | |
| VR87900A | 99.14 | 0.15 | 0 | | | 0.03 | | | | | | | |
| VR87900A | 99.25 | 0.19 | 0.05 | | | 0.14 | | | | | | | |
| VR87900A | 99.48 | 0.14 | 0 | | | 0.15 | | | | | | | |
| VR87900A | 99.43 | 0.31 | 0.02 | | | 0.15 | | | | | | | |
| VR87900A | 99.81 | 0.24 | 0 | | | 0.12 | | | | | | | |
| VR87900A | 99.23 | 0.31 | 0 | | | 0.16 | | | | | | | |
| VR87900A | 99.71 | 0.21 | 0 | | | 0.17 | | | | | | | |
| VR87900A | 98.91 | 0.21 | 0.01 | | | 0.17 | | | | | | | |
| VR87900A | 99.09 | 0.23 | 0 | | | 0.16 | | | | | | | |
| VR87900A | 99.86 | 0.16 | 0 | | | 0.08 | | | | | | | |
| VR87900A | 98.88 | 0.2 | 0 | | | 0.15 | | | | | | | |
| VR87900A | 100.26 | 0.25 | 0 | | | 0.14 | | | | | | | |
| VR87900A | 100.11 | 0.26 | 0.02 | | | 0 | | | | | | | |
| VR87900A | 99.04 | 0.2 | 0.05 | | | 0.18 | | | | | | | |
| VR87900A | 100.03 | 0.23 | 0 | | | 0.05 | | | | | | | |
| VR87900A | 99.8 | 0.17 | 0.1 | | | 0.1 | | | | | | | |
| VR87900A | 98.68 | 0.19 | 0.04 | | | 0.31 | | | | | | | |
| VR87900A | 99.89 | 0.17 | 0.04 | | | 0.12 | | | | | | | |
| VR87900A | 99.67 | 0.24 | 0.06 | | | 0.22 | | | | | | | |
| VR87900A | 99.39 | 0.2 | 0.06 | | | 0.16 | | | | | | | |
| VR87900A | 99.78 | 0.32 | 0 | | | 0.19 | | | | | | | |
| VR87900A | 99.02 | 0.27 | 0.02 | | | 0.23 | | | | | | | |
| VR87900A | 99.03 | 0.3 | 0 | | | 0.19 | | | | | | | |
| VR87900A | 100.07 | 0.21 | 0.04 | | | 0.06 | | | | | | | |
| VR87900A | 99.91 | 0.32 | 0 | | | 0.17 | | | | | | | |
| VR87900A | 99.78 | 0.23 | 0 | | | 0.13 | | | | | | | |
| VR87900A | 98.99 | 0.22 | 0.03 | | | 0.26 | | | | | | | |
| VR87900A | 100.14 | 0.16 | 0 | | | 0.08 | | | | | | | |
| VR87900A | 99.57 | 0.19 | 0 | | | 0.14 | | | | | | | |
| VR87900A | 100.22 | 0.28 | 0 | | | 0.06 | | | | | | | |

Ilmenite Data

[illegible]

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|----------|-------------------------------|---------------|
| VR87900A | 52 35 AT MARGIN W RIND TI-MT | |
| VR87900A | 52 35 MAIN GRAIN | |
| VR87900A | 53 35 AT MARGIN W RIND TI-MT | |
| VR87900A | 53 35 MAIN GRAIN | |
| VR87900A | 54 60 AT MARGIN W RIND TI-MT | |
| VR87900A | 54 60 CENTRAL | |
| VR87900A | 55 60 AT MARGIN W RIND TI-MT | |
| VR87900A | 55 60 MAIN GRAIN | |
| VR87900A | 56 60 AT MARGIN W RIND TI-MT | |
| VR87900A | 56 60 MAIN GRAIN | |
| VR87900A | 58 60 AT MARGIN | |
| VR87900A | 58 60 MAIN GRAIN | |
| VR87900A | 59 60 AT MARGIN W RIND TI-MT | |
| VR87900A | 59 60 CENTRAL | |
| VR87900A | 60 60 | |
| VR87900A | 61 60 AT MARGIN W RIND TI-MT | |
| VR87900A | 61 60 CENTRAL | |
| VR87900A | 62 60 AT MARGIN W RIND TI-MT | |
| VR87900A | 62 60 MAIN GRAIN | |
| VR87900A | 64 60 MAIN GRAIN | |
| VR87900A | 64 60 NARROW MARGIN | |
| VR87900A | 65 60 AT MARGIN W RIND TI-MT | |
| VR87900A | 65 60 MAIN GRAIN | |
| VR87900A | 66 60 AT MARGIN | |
| VR87900A | 66 60 MAIN GRAIN | |
| VR87900A | 67 60 AT MARGIN W RIND TI-MT | |
| VR87900A | 67 60 MAIN GRAIN | |
| VR87900A | 68 60 AT MARGIN W RIND TI-MT | |
| VR87900A | 68 60 MAIN GRAIN | |
| VR87900A | 69 60 AT MARGIN W RIND TI-MT | |
| VR87900A | 69 60 MAIN GRAIN | |
| VR87900A | 70 60 AT MARGIN | |
| VR87900A | 70 60 MAIN GRAIN | |
| VR87900A | 71 60 AT MARGIN W RIND TI-MT | |
| VR87900A | 71 60 MAIN GRAIN | |
| VR87900A | 72 60 W RIND TI-MT | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|----------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|-----|------|-----|
| VR87900A | 464 | 57.34061 | -113.45120 | 0.01 | 54.5 | 0.29 | 1.54 | 26.1 | 0.39 | 17.17 | | | |
| VR87900A | 463 | 57.34061 | -113.45120 | 0.03 | 51.9 | 0.34 | 0.17 | 32.28 | 0.22 | 13.8 | | | |
| VR87900A | 465 | 57.34061 | -113.45120 | 0.12 | 55.49 | 0.67 | 1.58 | 25.45 | 0.4 | 16.18 | | | |
| VR87900A | 467 | 57.34061 | -113.45120 | 0.01 | 54.04 | 0.32 | 2.54 | 25.06 | 0.38 | 16.39 | | | |
| VR87900A | 466 | 57.34061 | -113.45120 | 0.01 | 54.18 | 0.37 | 0.57 | 28.75 | 0.35 | 14.98 | | | |
| VR87900A | 469 | 57.34061 | -113.45120 | 0.02 | 54.17 | 0.32 | 2.71 | 24.56 | 0.4 | 16.75 | | | |
| VR87900A | 468 | 57.34061 | -113.45120 | 0.05 | 53.68 | 0.3 | 2.79 | 26.67 | 0.27 | 15.71 | | | |
| VR87900A | 470 | 57.34061 | -113.45120 | 0.02 | 54.53 | 0.62 | 0.64 | 27.33 | 0.29 | 15.55 | | | |
| VR87900A | 471 | 57.34061 | -113.45120 | 0.03 | 54.75 | 0.4 | 0.38 | 28.52 | 0.26 | 14.9 | | | |
| VR87900A | 473 | 57.34061 | -113.45120 | 0.04 | 54.55 | 0.26 | 2.33 | 24.79 | 0.41 | 17.1 | | | |
| VR87900A | 472 | 57.34061 | -113.45120 | 0.01 | 51.59 | 0.77 | 0.29 | 31.6 | 0.3 | 14.24 | | | |
| VR87900A | 475 | 57.34061 | -113.45120 | 0.04 | 54.17 | 0.27 | 2.56 | 25.55 | 0.35 | 15.98 | | | |
| VR87900A | 474 | 57.34061 | -113.45120 | 0.01 | 51.96 | 0.33 | 1.26 | 31.1 | 0.28 | 14.29 | | | |
| VR87900A | 477 | 57.34061 | -113.45120 | 0 | 54.86 | 0.27 | 2.08 | 25.03 | 0.46 | 17.18 | | | |
| VR87900A | 476 | 57.34061 | -113.45120 | 0.01 | 51.73 | 0.55 | 1.4 | 30.46 | 0.21 | 14.37 | | | |
| VR87900A | 479 | 57.34061 | -113.45120 | 0 | 54.51 | 0.28 | 2.45 | 24.84 | 0.42 | 17.19 | | | |
| VR87900A | 478 | 57.34061 | -113.45120 | 0.03 | 53.29 | 0.52 | 1 | 29.3 | 0.3 | 14.45 | | | |
| VR88467A | 480 | 57.19264 | -112.88124 | 0.04 | 53.31 | 0.67 | 0.17 | 30.35 | 0.29 | 14.59 | | | |
| VR88467A | 481 | 57.19264 | -112.88124 | 0.11 | 52.96 | 0.56 | 0.25 | 31.88 | 0.26 | 12.72 | | | |
| VR88467A | 482 | 57.19264 | -112.88124 | 0.03 | 51.56 | 0.4 | 0.17 | 35.52 | 0.25 | 11.11 | | | |
| VR88467A | 483 | 57.19264 | -112.88124 | 0.01 | 50.07 | 0.23 | 0.25 | 37.74 | 0.35 | 10.04 | | | |
| VR88467A | 484 | 57.19264 | -112.88124 | 0.02 | 51.28 | 0.28 | 0.16 | 36.78 | 0.31 | 9.93 | | | |
| VR88467A | 486 | 57.19264 | -112.88124 | 0.03 | 55.47 | 0.44 | 1.95 | 22.51 | 0.34 | 19.07 | | | |
| VR88467A | 485 | 57.19264 | -112.88124 | 0.04 | 52.65 | 0.52 | 0.18 | 32.18 | 0.3 | 12.98 | | | |
| VR88467A | 487 | 57.19264 | -112.88124 | 0.01 | 49.22 | 0.22 | 0.22 | 39.62 | 0.38 | 9.1 | | | |
| VR88467A | 489 | 57.19264 | -112.88124 | 0.04 | 54.34 | 0.47 | 0.8 | 26.77 | 0.4 | 16.66 | | | |
| VR88467A | 488 | 57.19264 | -112.88124 | 0.01 | 53.38 | 0.43 | 0.15 | 29.39 | 0.42 | 15.1 | | | |
| VR88467A | 490 | 57.19264 | -112.88124 | 0.04 | 50.55 | 0.33 | 0.12 | 36.8 | 0.31 | 10.38 | | | |
| VR88467A | 492 | 57.19264 | -112.88124 | 0.01 | 52.19 | 0.39 | 0.25 | 32.14 | 0.35 | 13.66 | | | |
| VR88467A | 491 | 57.19264 | -112.88124 | 0.02 | 51.91 | 0.33 | 0.15 | 34.82 | 0.28 | 11.22 | | | |
| VR88467A | 493 | 57.19264 | -112.88124 | 0.03 | 50.67 | 0.37 | 0.18 | 36.18 | 0.37 | 10.9 | | | |
| VR88467A | 495 | 57.19264 | -112.88124 | 0.03 | 54.28 | 0.41 | 0.15 | 28.25 | 0.38 | 15.42 | | | |
| VR88467A | 494 | 57.19264 | -112.88124 | 0.03 | 53.18 | 0.37 | 0.14 | 33.09 | 0.32 | 12.56 | | | |
| VR88467A | 496 | 57.19264 | -112.88124 | 0.01 | 52.64 | 0.41 | 0.15 | 34.26 | 0.33 | 11.59 | | | |
| VR88467A | 498 | 57.19264 | -112.88124 | 0.03 | 54.99 | 0.41 | 0.49 | 22.58 | 0.46 | 19.32 | | | |
| VR88467A | 497 | 57.19264 | -112.88124 | 0.02 | 52.6 | 0.44 | 0.22 | 33.38 | 0.33 | 12.41 | | | |

Ilmenite Data

| Sample | Total | NiO | ZnO | V2O3 | V2O5 | Nb2O5 | ZrO2 | Ni(ppm) | Zn(ppm) | F | Cl | P2O5 | Fe2O3 |
|----------|--------|------|------|------|------|-------|------|---------|---------|---|----|------|-------|
| VR87900A | 100.3 | 0.11 | 0.04 | | | 0.15 | | | | | | | |
| VR87900A | 99.29 | 0.24 | 0.1 | | | 0.21 | | | | | | | |
| VR87900A | 100.35 | 0.3 | 0 | | | 0.16 | | | | | | | |
| VR87900A | 99.01 | 0.15 | 0.02 | | | 0.1 | | | | | | | |
| VR87900A | 99.54 | 0.27 | 0 | | | 0.06 | | | | | | | |
| VR87900A | 99.21 | 0.26 | 0 | | | 0.02 | | | | | | | |
| VR87900A | 99.81 | 0.23 | 0 | | | 0.11 | | | | | | | |
| VR87900A | 99.27 | 0.21 | 0 | | | 0.08 | | | | | | | |
| VR87900A | 99.75 | 0.31 | 0.05 | | | 0.15 | | | | | | | |
| VR87900A | 99.75 | 0.14 | 0 | | | 0.13 | | | | | | | |
| VR87900A | 99.15 | 0.25 | 0 | | | 0.1 | | | | | | | |
| VR87900A | 99.24 | 0.21 | 0.03 | | | 0.08 | | | | | | | |
| VR87900A | 99.64 | 0.25 | 0 | | | 0.16 | | | | | | | |
| VR87900A | 100.05 | 0.12 | 0 | | | 0.05 | | | | | | | |
| VR87900A | 99.29 | 0.25 | 0.05 | | | 0.26 | | | | | | | |
| VR87900A | 100.03 | 0.19 | 0 | | | 0.15 | | | | | | | |
| VR87900A | 99.43 | 0.38 | 0 | | | 0.16 | | | | | | | |
| VR88467A | 99.84 | 0.22 | 0 | | | 0.2 | | | | | | | |
| VR88467A | 99.08 | 0.17 | 0 | | | 0.17 | | | | | | | |
| VR88467A | 99.44 | 0.1 | 0 | | | 0.3 | | | | | | | |
| VR88467A | 99.31 | 0.13 | 0.08 | | | 0.41 | | | | | | | |
| VR88467A | 99.31 | 0.13 | 0.03 | | | 0.39 | | | | | | | |
| VR88467A | 100.05 | 0.09 | 0 | | | 0.15 | | | | | | | |
| VR88467A | 99.14 | 0.19 | 0 | | | 0.1 | | | | | | | |
| VR88467A | 99.45 | 0.15 | 0.08 | | | 0.45 | | | | | | | |
| VR88467A | 99.92 | 0.2 | 0 | | | 0.24 | | | | | | | |
| VR88467A | 99.29 | 0.15 | 0 | | | 0.26 | | | | | | | |
| VR88467A | 98.97 | 0.14 | 0 | | | 0.3 | | | | | | | |
| VR88467A | 99.6 | 0.16 | 0 | | | 0.45 | | | | | | | |
| VR88467A | 99.1 | 0.08 | 0 | | | 0.29 | | | | | | | |
| VR88467A | 99.2 | 0.17 | 0.01 | | | 0.32 | | | | | | | |
| VR88467A | 99.39 | 0.2 | 0 | | | 0.27 | | | | | | | |
| VR88467A | 100.08 | 0.16 | 0.06 | | | 0.17 | | | | | | | |
| VR88467A | 99.93 | 0.19 | 0 | | | 0.35 | | | | | | | |
| VR88467A | 98.71 | 0.18 | 0 | | | 0.25 | | | | | | | |
| VR88467A | 99.75 | 0.14 | 0 | | | 0.21 | | | | | | | |

Ilmenite Data

[illegible]

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|----------|-------------------------------|---------------|
| VR87900A | 73 60 AT MARGIN W RIND TI-MT | |
| VR87900A | 73 60 MAIN GRAIN | |
| VR87900A | 74 60 | |
| VR87900A | 75 60 AT MARGIN W RIND TI-MT | |
| VR87900A | 75 60 MAIN GRAIN | |
| VR87900A | 76 60 AT MARGIN W RIND TI-MT | |
| VR87900A | 76 60 W RIND TI-MT | |
| VR87900A | 77 60 | |
| VR87900A | 78 60 | |
| VR87900A | 79 60 AT MARGIN W RIND TI-MT | |
| VR87900A | 79 60 MAIN GRAIN | |
| VR87900A | 80 60 AT MARGIN W RIND TI-MT | |
| VR87900A | 80 60 MAIN GRAIN | |
| VR87900A | 81 60 AT MARGIN W RIND TI-MT | |
| VR87900A | 81 60 MAIN GRAIN | |
| VR87900A | 83 60 AT MARGIN W RIND TI-MT | |
| VR87900A | 83 60 CENTRAL | |
| VR88467A | 130 60 | |
| VR88467A | 131 60 | |
| VR88467A | 132 60 | |
| VR88467A | 133 60 | |
| VR88467A | 134 60 | |
| VR88467A | 135 60 AT MARGIN W RIND TI-MT | |
| VR88467A | 135 60 MAIN GRAIN | |
| VR88467A | 140 60 | |
| VR88467A | 143 60 AT MARGIN | |
| VR88467A | 143 60 CENTRAL | |
| VR88467A | 144 60 | |
| VR88467A | 145 60 AT MARGIN | |
| VR88467A | 145 60 CENTRAL | |
| VR88467A | 146 60 | |
| VR88467A | 147 60 AT MARGIN | |
| VR88467A | 147 60 CENTRAL | |
| VR88467A | 148 60 | |
| VR88467A | 149 60 AT MARGIN | |
| VR88467A | 149 60 CENTRAL | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|----------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|-----|------|-----|
| VR88467A | 499 | 57.19264 | -112.88124 | 0.02 | 50.58 | 0.31 | 0.23 | 37.13 | 0.34 | 10.11 | | | |
| VR88467A | 500 | 57.19264 | -112.88124 | 0 | 52.76 | 0.48 | 0.19 | 29.82 | 0.41 | 15.4 | | | |
| VR88467A | 501 | 57.19264 | -112.88124 | 0.02 | 52.22 | 0.49 | 0.22 | 33.54 | 0.28 | 12.37 | | | |
| VR88467A | 503 | 57.19264 | -112.88124 | 0.03 | 54.5 | 0.46 | 0.31 | 27.41 | 0.27 | 16.04 | | | |
| VR88467A | 502 | 57.19264 | -112.88124 | 0.03 | 52.97 | 0.51 | 0.22 | 33.19 | 0.27 | 12.49 | | | |
| VR88467A | 505 | 57.19264 | -112.88124 | 0.01 | 52.73 | 0.39 | 0.16 | 30.38 | 0.4 | 14.59 | | | |
| VR88467A | 504 | 57.19264 | -112.88124 | 0.02 | 52.18 | 0.35 | 0.18 | 34.09 | 0.29 | 11.94 | | | |
| VR88467A | 507 | 57.19264 | -112.88124 | 0 | 53.53 | 0.44 | 0.69 | 27.88 | 0.4 | 16.51 | | | |
| VR88467A | 506 | 57.19264 | -112.88124 | 0.02 | 52.28 | 0.38 | 0.24 | 31.93 | 0.22 | 14.18 | | | |
| VR88467A | 508 | 57.19264 | -112.88124 | 0.01 | 52.86 | 0.42 | 0.16 | 30.04 | 0.37 | 15.08 | | | |
| VR88467A | 509 | 57.19264 | -112.88124 | 0 | 51.74 | 0.36 | 0.22 | 35.41 | 0.33 | 11.63 | | | |
| VR88467A | 511 | 57.19264 | -112.88124 | 0.01 | 50.44 | 0.32 | 0.19 | 36.97 | 0.22 | 10.15 | | | |
| VR88467A | 510 | 57.19264 | -112.88124 | 0 | 50.39 | 0.28 | 0.22 | 37.36 | 0.27 | 9.96 | | | |
| VR88467A | 512 | 57.19264 | -112.88124 | 0.02 | 51.94 | 0.43 | 0.22 | 34.89 | 0.21 | 11.69 | | | |
| VR88467A | 513 | 57.19264 | -112.88124 | 0.01 | 52.6 | 0.44 | 0.25 | 34.14 | 0.26 | 11.92 | | | |
| VR88467A | 514 | 57.19264 | -112.88124 | 0.02 | 48.93 | 0.25 | 0.28 | 39.41 | 0.29 | 9.27 | | | |
| VR88467A | 515 | 57.19264 | -112.88124 | 0 | 50.8 | 0.3 | 0.22 | 37.32 | 0.31 | 10.18 | | | |
| VR88467A | 516 | 57.19264 | -112.88124 | 0 | 52.08 | 0.44 | 0.5 | 32.56 | 0.26 | 13.09 | | | |
| VR88467A | 518 | 57.19264 | -112.88124 | 0.01 | 53.13 | 0.43 | 0.5 | 28.18 | 0.41 | 16.42 | | | |
| VR88467A | 517 | 57.19264 | -112.88124 | 0.02 | 49.59 | 0.26 | 0.3 | 37.76 | 0.27 | 10.07 | | | |
| VR88467A | 519 | 57.19264 | -112.88124 | 0.02 | 52.75 | 0.47 | 0.18 | 33.43 | 0.27 | 12.1 | | | |
| VR88467A | 521 | 57.19264 | -112.88124 | 0 | 54.64 | 0.43 | 2.32 | 24.07 | 0.35 | 17.64 | | | |
| VR88467A | 520 | 57.19264 | -112.88124 | 0.03 | 52.21 | 0.47 | 0.49 | 34.39 | 0.14 | 11.49 | | | |
| VR88467A | 523 | 57.19264 | -112.88124 | 0 | 50.67 | 0.4 | 0.67 | 31.38 | 0.33 | 15.01 | | | |
| VR88467A | 522 | 57.19264 | -112.88124 | 0.01 | 50.27 | 0.33 | 0.82 | 35.16 | 0.29 | 11.59 | | | |
| VR88467A | 525 | 57.19264 | -112.88124 | 0 | 51.73 | 0.37 | 0.22 | 30.3 | 0.38 | 15.76 | | | |
| VR88467A | 524 | 57.19264 | -112.88124 | 0.02 | 49.89 | 0.27 | 0.29 | 37.95 | 0.4 | 9.72 | | | |
| VR88467A | 527 | 57.19264 | -112.88124 | 0.04 | 54.22 | 0.34 | 0.29 | 28.14 | 0.37 | 16.31 | | | |
| VR88467A | 526 | 57.19264 | -112.88124 | 0.04 | 51.28 | 0.39 | 0.2 | 35.94 | 0.28 | 10.95 | | | |
| VR88467A | 528 | 57.19264 | -112.88124 | 0.01 | 50.8 | 0.28 | 0.17 | 37.02 | 0.34 | 10.52 | | | |
| VR88467A | 530 | 57.19264 | -112.88124 | 0.04 | 53.59 | 0.5 | 1.5 | 24.37 | 0.47 | 18.35 | | | |
| VR88467A | 529 | 57.19264 | -112.88124 | 0 | 50.07 | 0.27 | 0.31 | 37.73 | 0.29 | 9.83 | | | |
| VR88467A | 531 | 57.19264 | -112.88124 | 0.01 | 49.2 | 0.26 | 0.47 | 38.31 | 0.34 | 9.92 | | | |
| VR88467A | 532 | 57.19264 | -112.88124 | 0.03 | 51.69 | 0.53 | 0.44 | 34.84 | 0.22 | 11.46 | | | |
| VR88467A | 533 | 57.19264 | -112.88124 | 0 | 48.87 | 0.22 | 0.42 | 39.19 | 0.27 | 9.05 | | | |
| VR88467A | 535 | 57.19264 | -112.88124 | 0.02 | 54.99 | 0.45 | 0.62 | 25.45 | 0.42 | 17.45 | | | |

Ilmenite Data

| Sample | Total | NiO | ZnO | V2O3 | V2O5 | Nb2O5 | ZrO2 | Ni(ppm) | Zn(ppm) | F | Cl | P2O5 | Fe2O3 |
|----------|--------|------|------|------|------|-------|------|---------|---------|---|----|------|-------|
| VR88467A | 99.09 | 0.05 | 0 | | | 0.32 | | | | | | | |
| VR88467A | 99.14 | 0 | 0 | | | 0.08 | | | | | | | |
| VR88467A | 99.59 | 0.11 | 0 | | | 0.34 | | | | | | | |
| VR88467A | 99.33 | 0.08 | 0 | | | 0.23 | | | | | | | |
| VR88467A | 99.92 | 0.11 | 0 | | | 0.13 | | | | | | | |
| VR88467A | 99.12 | 0.16 | 0 | | | 0.3 | | | | | | | |
| VR88467A | 99.55 | 0.15 | 0.07 | | | 0.28 | | | | | | | |
| VR88467A | 99.92 | 0.16 | 0 | | | 0.31 | | | | | | | |
| VR88467A | 99.76 | 0.11 | 0 | | | 0.4 | | | | | | | |
| VR88467A | 99.32 | 0.12 | 0 | | | 0.26 | | | | | | | |
| VR88467A | 100.13 | 0.15 | 0 | | | 0.29 | | | | | | | |
| VR88467A | 98.82 | 0.1 | 0 | | | 0.42 | | | | | | | |
| VR88467A | 98.87 | 0.1 | 0 | | | 0.29 | | | | | | | |
| VR88467A | 99.73 | 0.09 | 0 | | | 0.24 | | | | | | | |
| VR88467A | 99.96 | 0.09 | 0 | | | 0.25 | | | | | | | |
| VR88467A | 99.03 | 0.06 | 0 | | | 0.52 | | | | | | | |
| VR88467A | 99.67 | 0.09 | 0.01 | | | 0.44 | | | | | | | |
| VR88467A | 99.41 | 0.16 | 0 | | | 0.32 | | | | | | | |
| VR88467A | 99.65 | 0.08 | 0 | | | 0.49 | | | | | | | |
| VR88467A | 98.89 | 0.11 | 0 | | | 0.51 | | | | | | | |
| VR88467A | 99.54 | 0.1 | 0 | | | 0.22 | | | | | | | |
| VR88467A | 99.65 | 0.07 | 0 | | | 0.13 | | | | | | | |
| VR88467A | 99.38 | 0.13 | 0 | | | 0.03 | | | | | | | |
| VR88467A | 99.11 | 0.16 | 0 | | | 0.49 | | | | | | | |
| VR88467A | 99.15 | 0.21 | 0 | | | 0.47 | | | | | | | |
| VR88467A | 99.19 | 0.14 | 0 | | | 0.29 | | | | | | | |
| VR88467A | 98.92 | 0.09 | 0 | | | 0.29 | | | | | | | |
| VR88467A | 100 | 0.06 | 0 | | | 0.23 | | | | | | | |
| VR88467A | 99.33 | 0.12 | 0 | | | 0.13 | | | | | | | |
| VR88467A | 99.52 | 0.05 | 0 | | | 0.33 | | | | | | | |
| VR88467A | 99.28 | 0.11 | 0 | | | 0.35 | | | | | | | |
| VR88467A | 98.95 | 0.04 | 0 | | | 0.41 | | | | | | | |
| VR88467A | 99.03 | 0.11 | 0 | | | 0.41 | | | | | | | |
| VR88467A | 99.48 | 0.14 | 0 | | | 0.13 | | | | | | | |
| VR88467A | 98.52 | 0.12 | 0 | | | 0.38 | | | | | | | |
| VR88467A | 99.73 | 0.14 | 0 | | | 0.19 | | | | | | | |

Ilmenite Data

[illegible]

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|----------|-------------------------------|---------------|
| VR88467A | 159 60 | |
| VR88467A | 160 60 | |
| VR88467A | 161 60 | |
| VR88467A | 162 60 AT MARGIN | |
| VR88467A | 162 60 CENTRAL | |
| VR88467A | 163 60 AT MARGIN | |
| VR88467A | 163 60 CENTRAL | |
| VR88467A | 164 60 AT MARGIN | |
| VR88467A | 164 60 CENTRAL | |
| VR88467A | 165 60 | |
| VR88467A | 166 60 | |
| VR88467A | 167 60 AT MARGIN | |
| VR88467A | 167 60 CENTRAL | |
| VR88467A | 168 60 | |
| VR88467A | 169 60 | |
| VR88467A | 170 60 | |
| VR88467A | 171 60 | |
| VR88467A | 173 60 | |
| VR88467A | 174 60 AT MARGIN | |
| VR88467A | 174 60 CENTRAL | |
| VR88467A | 175 60 | |
| VR88467A | 176 35 AT MARGIN | |
| VR88467A | 176 35 CENTRAL | |
| VR88467A | 177 35 AT MARGIN W TI-MT | |
| VR88467A | 177 35 CENTRAL | |
| VR88467A | 178 35 AT MARGIN | |
| VR88467A | 178 35 CENTRAL | |
| VR88467A | 179 35 AT MARGIN | |
| VR88467A | 179 35 CENTRAL | |
| VR88467A | 180 35 | |
| VR88467A | 181 35 AT MARGIN | |
| VR88467A | 181 35 CENTRAL | |
| VR88467A | 182 35 | |
| VR88467A | 183 35 | |
| VR88467A | 184 35 | |
| VR88467A | 185 35 AT MARGIN | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|----------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|-----|------|-----|
| VR88467A | 534 | 57.19264 | -112.88124 | 0 | 51.74 | 0.51 | 0.55 | 34.39 | 0.25 | 11.62 | | | |
| VR88467A | 537 | 57.19264 | -112.88124 | 0 | 55.34 | 0.46 | 1.63 | 22.1 | 0.38 | 19.45 | | | |
| VR88467A | 536 | 57.19264 | -112.88124 | 0.03 | 48.3 | 0.33 | 1.4 | 38.77 | 0.27 | 9.33 | | | |
| VR88467A | 538 | 57.19264 | -112.88124 | 0 | 53.51 | 0.52 | 0.22 | 31.92 | 0.3 | 12.68 | | | |
| VR88467A | 539 | 57.19264 | -112.88124 | 0 | 44.24 | 0.11 | 0.7 | 45.33 | 0.23 | 7.12 | | | |
| VR88467A | 540 | 57.19264 | -112.88124 | 0.01 | 50.85 | 0.27 | 0.18 | 37.52 | 0.3 | 10.17 | | | |
| VR88467A | 542 | 57.19264 | -112.88124 | 0.11 | 55.85 | 0.34 | 1.03 | 23.87 | 0.38 | 17.32 | | | |
| VR88467A | 541 | 57.19264 | -112.88124 | 0.19 | 52.12 | 0.62 | 0.39 | 34.11 | 0.23 | 11.36 | | | |
| VR88467A | 543 | 57.19264 | -112.88124 | 0.01 | 50.12 | 0.29 | 0.32 | 37.82 | 0.31 | 10.49 | | | |
| VR88467A | 545 | 57.19264 | -112.88124 | 0.02 | 50.86 | 0.39 | 0.39 | 32.46 | 0.3 | 14.06 | | | |
| VR88467A | 544 | 57.19264 | -112.88124 | 0.01 | 49.8 | 0.24 | 0.34 | 38.08 | 0.31 | 9.76 | | | |
| VR88467A | 546 | 57.19264 | -112.88124 | 0 | 50.11 | 0.4 | 0.48 | 36.69 | 0.32 | 10.5 | | | |
| VR88467A | 547 | 57.19264 | -112.88124 | 0.01 | 50.16 | 0.29 | 0.31 | 38.15 | 0.33 | 10 | | | |
| VR88467A | 549 | 57.19264 | -112.88124 | 0.02 | 55.09 | 0.53 | 1.26 | 23.81 | 0.41 | 18.81 | | | |
| VR88467A | 548 | 57.19264 | -112.88124 | 0.03 | 52.45 | 0.49 | 0.41 | 32.85 | 0.26 | 12.84 | | | |
| VR88467A | 551 | 57.19264 | -112.88124 | 0.02 | 54.28 | 0.48 | 0.28 | 27.81 | 0.36 | 16.1 | | | |
| VR88467A | 550 | 57.19264 | -112.88124 | 0.03 | 53.69 | 0.5 | 0.28 | 30.86 | 0.26 | 13.82 | | | |
| VR88467A | 553 | 57.19264 | -112.88124 | 0 | 54.29 | 0.51 | 2.44 | 22.01 | 0.46 | 20.02 | | | |
| VR88467A | 552 | 57.19264 | -112.88124 | 0.01 | 50.17 | 0.29 | 0.23 | 37.34 | 0.3 | 10.51 | | | |
| VR88467A | 554 | 57.19264 | -112.88124 | 0.03 | 54.61 | 0.87 | 0.21 | 28.02 | 0.25 | 16.1 | | | |
| VR88467A | 555 | 57.19264 | -112.88124 | 0.02 | 54.58 | 0.54 | 2.34 | 21.3 | 0.38 | 19.91 | | | |
| VR88467A | 557 | 57.19264 | -112.88124 | 0.07 | 53.61 | 0.51 | 0.37 | 25.91 | 0.38 | 18.36 | | | |
| VR88467A | 556 | 57.19264 | -112.88124 | 0.01 | 51.46 | 0.48 | 0.48 | 34.41 | 0.3 | 11.79 | | | |
| VR88467A | 559 | 57.19264 | -112.88124 | 0 | 55.03 | 0.56 | 1.39 | 21.85 | 0.41 | 20.15 | | | |
| VR88467A | 558 | 57.19264 | -112.88124 | 0.01 | 52.64 | 0.4 | 0.14 | 31.24 | 0.26 | 14.02 | | | |
| VR88467A | 561 | 57.19264 | -112.88124 | 0.01 | 56.32 | 0.4 | 1.97 | 20.69 | 0.52 | 19.87 | | | |
| VR88467A | 560 | 57.19264 | -112.88124 | 0 | 54.38 | 0.41 | 1.62 | 25.9 | 0.26 | 16.37 | | | |
| VR88467A | 563 | 57.19264 | -112.88124 | 0.02 | 53.5 | 0.52 | 0.56 | 27.82 | 0.39 | 16.2 | | | |
| VR88467A | 562 | 57.19264 | -112.88124 | 0.01 | 51.63 | 0.5 | 0.59 | 34.79 | 0.22 | 11.39 | | | |
| VR88467A | 564 | 57.19264 | -112.88124 | 0.03 | 24.41 | 11.28 | 0.6 | 36.52 | 0.55 | 23.94 | | | |
| VR88467A | 566 | 57.19264 | -112.88124 | 0.08 | 52.7 | 0.32 | 0.67 | 31.46 | 0.34 | 13.78 | | | |
| VR88467A | 565 | 57.19264 | -112.88124 | 0.01 | 51.56 | 0.26 | 0.64 | 35.05 | 0.35 | 10.9 | | | |
| VR88467A | 568 | 57.19264 | -112.88124 | 0.01 | 54.98 | 0.57 | 0.51 | 21.43 | 0.48 | 20.86 | | | |
| VR88467A | 567 | 57.19264 | -112.88124 | 0.01 | 54.12 | 0.54 | 0.27 | 28.8 | 0.19 | 15.06 | | | |
| VR88467A | 570 | 57.19264 | -112.88124 | 0.01 | 53.95 | 0.67 | 1.81 | 21.76 | 0.4 | 20.67 | | | |
| VR88467A | 569 | 57.19264 | -112.88124 | 0.02 | 49.91 | 0.31 | 0.32 | 34.51 | 0.27 | 12.92 | | | |

Ilmenite Data

| Sample | Total | NiO | ZnO | V2O3 | V2O5 | Nb2O5 | ZrO2 | Ni(ppm) | Zn(ppm) | F | Cl | P2O5 | Fe2O3 |
|----------|--------|------|------|------|------|-------|------|---------|---------|---|----|------|-------|
| VR88467A | 99.26 | 0.13 | 0 | | | 0.07 | | | | | | | |
| VR88467A | 99.59 | 0.09 | 0 | | | 0.14 | | | | | | | |
| VR88467A | 98.9 | 0.13 | 0.03 | | | 0.31 | | | | | | | |
| VR88467A | 99.44 | 0.14 | 0 | | | 0.15 | | | | | | | |
| VR88467A | 98.44 | 0.12 | 0 | | | 0.59 | | | | | | | |
| VR88467A | 99.58 | 0.05 | 0 | | | 0.23 | | | | | | | |
| VR88467A | 99.14 | 0.13 | 0 | | | 0.11 | | | | | | | |
| VR88467A | 99.4 | 0.12 | 0 | | | 0.26 | | | | | | | |
| VR88467A | 100.02 | 0.13 | 0 | | | 0.53 | | | | | | | |
| VR88467A | 99.06 | 0.04 | 0 | | | 0.54 | | | | | | | |
| VR88467A | 99.18 | 0.16 | 0.04 | | | 0.44 | | | | | | | |
| VR88467A | 98.82 | 0.14 | 0 | | | 0.18 | | | | | | | |
| VR88467A | 99.87 | 0.09 | 0 | | | 0.53 | | | | | | | |
| VR88467A | 100.26 | 0.11 | 0 | | | 0.22 | | | | | | | |
| VR88467A | 99.72 | 0.12 | 0.09 | | | 0.18 | | | | | | | |
| VR88467A | 99.62 | 0.08 | 0 | | | 0.21 | | | | | | | |
| VR88467A | 99.72 | 0.1 | 0 | | | 0.18 | | | | | | | |
| VR88467A | 99.88 | 0.08 | 0 | | | 0.07 | | | | | | | |
| VR88467A | 99.34 | 0.06 | 0 | | | 0.43 | | | | | | | |
| VR88467A | 100.41 | 0.24 | 0 | | | 0.08 | | | | | | | |
| VR88467A | 99.44 | 0.13 | 0 | | | 0.24 | | | | | | | |
| VR88467A | 99.49 | 0.13 | 0 | | | 0.15 | | | | | | | |
| VR88467A | 99.27 | 0.07 | 0 | | | 0.27 | | | | | | | |
| VR88467A | 99.97 | 0.13 | 0 | | | 0.45 | | | | | | | |
| VR88467A | 99.2 | 0.17 | 0.03 | | | 0.29 | | | | | | | |
| VR88467A | 100.11 | 0.1 | 0 | | | 0.23 | | | | | | | |
| VR88467A | 99.36 | 0.16 | 0 | | | 0.26 | | | | | | | |
| VR88467A | 99.36 | 0.13 | 0 | | | 0.22 | | | | | | | |
| VR88467A | 99.48 | 0.13 | 0 | | | 0.22 | | | | | | | |
| VR88467A | 97.68 | 0.12 | 0 | | | 0.23 | | | | | | | |
| VR88467A | 99.59 | 0.09 | 0 | | | 0.15 | | | | | | | |
| VR88467A | 99.12 | 0.16 | 0 | | | 0.19 | | | | | | | |
| VR88467A | 99.26 | 0.05 | 0 | | | 0.37 | | | | | | | |
| VR88467A | 99.35 | 0.1 | 0 | | | 0.26 | | | | | | | |
| VR88467A | 99.57 | 0.08 | 0 | | | 0.22 | | | | | | | |
| VR88467A | 98.81 | 0.14 | 0 | | | 0.41 | | | | | | | |

Ilmenite Data

[illegible]

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|----------|---------------------------------|---------------|
| VR88467A | 185 35 CENTRAL | |
| VR88467A | 186 35 AT MARGIN W PEROV | |
| VR88467A | 186 35 CENTRAL | |
| VR88467A | 187 35 | |
| VR88467A | 188 35 | |
| VR88467A | 189 35 | |
| VR88467A | 190 35 AT MARGIN W RIND TI-MT | |
| VR88467A | 190 35 CENTRAL | |
| VR88467A | 191 35 | |
| VR88467A | 192 35 AT MARGIN W TI-MT | |
| VR88467A | 192 35 CENTRAL | |
| VR88467A | 193 35 | |
| VR88467A | 194 35 | |
| VR88467A | 195 35 AT MARGIN | |
| VR88467A | 195 35 CENTRAL | |
| VR88467A | 196 60 AT MARGIN | |
| VR88467A | 196 60 CENTRAL | |
| VR88467A | 197 60 AT MARGIN W RIND TI-MT | |
| VR88467A | 197 60 CENTRAL | |
| VR88467A | 198 60 CENTRAL | |
| VR88467A | 198 60 MARGINAL ZONE | |
| VR88467A | 199 60 AT MARGIN | |
| VR88467A | 199 60 CENTRAL | |
| VR88467A | 200 60 AT MARGIN | |
| VR88467A | 200 60 CENTRAL | |
| VR88467A | 201 60 AT MARGIN | |
| VR88467A | 201 60 MAIN GRAIN | |
| VR88467A | 202 60 AT MARGIN W RIND PEROV & | |
| VR88467A | 202 60 MAIN GRAIN | |
| VR88467A | 202 60 OUTERMOST ZONE | |
| VR88467A | 203 60 AT MARGIN W RIND TI-MT | |
| VR88467A | 203 60 CENTRAL | |
| VR88467A | 204 60 AT MARGIN W RIND PEROV & | |
| VR88467A | 204 60 MAIN GRAIN | |
| VR88467A | 205 60 AT MARGIN W MT | |
| VR88467A | 205 60 CENTRAL | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|----------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|-----|------|-----|
| VR88467A | 572 | 57.19264 | -112.88124 | 0.02 | 54.65 | 0.47 | 2.16 | 23.26 | 0.37 | 18.92 | | | |
| VR88467A | 571 | 57.19264 | -112.88124 | 0.01 | 50.49 | 0.43 | 0.28 | 36.44 | 0.34 | 10.54 | | | |
| VR88467A | 574 | 57.19264 | -112.88124 | 0.01 | 50.19 | 0.51 | 0.32 | 32.52 | 0.29 | 14.7 | | | |
| VR88467A | 573 | 57.19264 | -112.88124 | 0.01 | 46.63 | 0.15 | 0.34 | 42.31 | 0.22 | 8.23 | | | |
| VR88467A | 576 | 57.19264 | -112.88124 | 0 | 54.5 | 0.36 | 2.76 | 21.64 | 0.41 | 19.3 | | | |
| VR88467A | 575 | 57.19264 | -112.88124 | 0.03 | 47.57 | 0.18 | 0.54 | 40.83 | 0.15 | 8.77 | | | |
| VR88467A | 578 | 57.19264 | -112.88124 | 0.02 | 54.27 | 0.51 | 0.32 | 26.06 | 0.38 | 17.29 | | | |
| VR88467A | 577 | 57.19264 | -112.88124 | 0.01 | 53.67 | 0.56 | 0.26 | 31.17 | 0.31 | 13.36 | | | |
| VR88467A | 580 | 57.19264 | -112.88124 | 0.02 | 52.99 | 0.43 | 0.34 | 28.95 | 0.38 | 16.04 | | | |
| VR88467A | 579 | 57.19264 | -112.88124 | 0.01 | 51.92 | 0.47 | 0.46 | 33.02 | 0.3 | 13.21 | | | |
| VR88467A | 582 | 57.19264 | -112.88124 | 0.01 | 54.91 | 0.52 | 0.71 | 24.21 | 0.41 | 19.06 | | | |
| VR88467A | 581 | 57.19264 | -112.88124 | 0.03 | 50.55 | 0.39 | 0.36 | 35.95 | 0.31 | 11.08 | | | |
| VR88467A | 584 | 57.19264 | -112.88124 | 0.02 | 53.22 | 0.32 | 2.75 | 24.65 | 0.41 | 18.09 | | | |
| VR88467A | 583 | 57.19264 | -112.88124 | 0.04 | 48.1 | 0.33 | 0.69 | 39.72 | 0.2 | 9.2 | | | |
| VR88467A | 586 | 57.19264 | -112.88124 | 0.01 | 50.29 | 0.28 | 0.23 | 35.82 | 0.28 | 11.51 | | | |
| VR88467A | 585 | 57.19264 | -112.88124 | 0.01 | 49.67 | 0.26 | 0.21 | 37.67 | 0.3 | 10.35 | | | |
| VR88467A | 588 | 57.19264 | -112.88124 | 0.02 | 55.63 | 0.35 | 2.11 | 20.89 | 0.42 | 20.04 | | | |
| VR88467A | 587 | 57.19264 | -112.88124 | 0.02 | 50.25 | 0.23 | 0.22 | 36.47 | 0.35 | 11.22 | | | |
| VR88467A | 590 | 57.19264 | -112.88124 | 0.02 | 55.76 | 0.35 | 1.88 | 20.7 | 0.48 | 20.66 | | | |
| VR88467A | 589 | 57.19264 | -112.88124 | 0.01 | 50.14 | 0.3 | 0.28 | 37.27 | 0.31 | 10.02 | | | |
| VR88467A | 591 | 57.19264 | -112.88124 | 0.02 | 53.74 | 0.52 | 0.44 | 30.01 | 0.28 | 14.74 | | | |
| VR88467A | 593 | 57.19264 | -112.88124 | 0.01 | 55.37 | 0.48 | 2.14 | 22.28 | 0.46 | 19.21 | | | |
| VR88467A | 592 | 57.19264 | -112.88124 | 0.04 | 50.79 | 0.49 | 0.25 | 35.97 | 0.33 | 11.38 | | | |
| VR88467A | 595 | 57.19264 | -112.88124 | 0.03 | 53.71 | 0.42 | 0.59 | 27.31 | 0.38 | 17.19 | | | |
| VR88467A | 594 | 57.19264 | -112.88124 | 0.07 | 52.41 | 0.43 | 0.59 | 34.43 | 0.24 | 11.37 | | | |
| VR88467A | 597 | 57.19264 | -112.88124 | 0.01 | 49.61 | 0.25 | 0.55 | 35.48 | 0.37 | 12.77 | | | |
| VR88467A | 596 | 57.19264 | -112.88124 | 0.03 | 49.14 | 0.25 | 0.46 | 37.93 | 0.27 | 10.21 | | | |
| VR88467A | 599 | 57.19264 | -112.88124 | 0.01 | 50.68 | 0.4 | 0.65 | 31.27 | 0.37 | 14.85 | | | |
| VR88467A | 598 | 57.19264 | -112.88124 | 0.01 | 49.33 | 0.27 | 0.62 | 38.74 | 0.33 | 9.63 | | | |
| VR88467A | 601 | 57.19264 | -112.88124 | 0.02 | 54.93 | 0.52 | 2.21 | 22.11 | 0.35 | 18.83 | | | |
| VR88467A | 600 | 57.19264 | -112.88124 | 0 | 48.21 | 1.35 | 0.25 | 37.06 | 0.14 | 11.13 | | | |
| VR88467A | 602 | 57.19264 | -112.88124 | 0.03 | 49.56 | 0.27 | 0.59 | 38.11 | 0.29 | 9.82 | | | |
| VR88467A | 604 | 57.19264 | -112.88124 | 0.02 | 55.47 | 0.39 | 0.71 | 24.35 | 0.42 | 18.34 | | | |
| VR88467A | 603 | 57.19264 | -112.88124 | 0.04 | 52.58 | 0.41 | 0.17 | 33.97 | 0.33 | 11.88 | | | |
| VR88467A | 606 | 57.19264 | -112.88124 | 0.03 | 52.25 | 0.39 | 0.31 | 30.52 | 0.45 | 15.86 | | | |
| VR88467A | 605 | 57.19264 | -112.88124 | 0.02 | 51.58 | 0.39 | 0.32 | 36.18 | 0.29 | 11.06 | | | |

Ilmenite Data

| Sample | Total | NiO | ZnO | V2O3 | V2O5 | Nb2O5 | ZrO2 | Ni(ppm) | Zn(ppm) | F | Cl | P2O5 | Fe2O3 |
|----------|--------|------|------|------|------|-------|------|---------|---------|---|----|------|-------|
| VR88467A | 100.19 | 0.06 | 0 | | | 0.28 | | | | | | | |
| VR88467A | 98.83 | 0.08 | 0 | | | 0.22 | | | | | | | |
| VR88467A | 99.14 | 0.05 | 0 | | | 0.55 | | | | | | | |
| VR88467A | 98.47 | 0.12 | 0 | | | 0.46 | | | | | | | |
| VR88467A | 99.14 | 0.06 | 0 | | | 0.11 | | | | | | | |
| VR88467A | 98.77 | 0.05 | 0 | | | 0.65 | | | | | | | |
| VR88467A | 99.03 | 0.03 | 0 | | | 0.15 | | | | | | | |
| VR88467A | 99.68 | 0.12 | 0 | | | 0.22 | | | | | | | |
| VR88467A | 99.46 | 0.11 | 0 | | | 0.2 | | | | | | | |
| VR88467A | 99.74 | 0.13 | 0.03 | | | 0.19 | | | | | | | |
| VR88467A | 100.16 | 0.12 | 0 | | | 0.21 | | | | | | | |
| VR88467A | 99 | 0.1 | 0 | | | 0.23 | | | | | | | |
| VR88467A | 99.75 | 0.04 | 0 | | | 0.25 | | | | | | | |
| VR88467A | 98.81 | 0.16 | 0 | | | 0.37 | | | | | | | |
| VR88467A | 98.94 | 0.11 | 0 | | | 0.41 | | | | | | | |
| VR88467A | 99.04 | 0.09 | 0 | | | 0.48 | | | | | | | |
| VR88467A | 99.55 | 0.04 | 0 | | | 0.05 | | | | | | | |
| VR88467A | 99.27 | 0.08 | 0 | | | 0.43 | | | | | | | |
| VR88467A | 100.2 | 0.09 | 0 | | | 0.26 | | | | | | | |
| VR88467A | 98.79 | 0.1 | 0 | | | 0.36 | | | | | | | |
| VR88467A | 99.91 | 0.09 | 0 | | | 0.07 | | | | | | | |
| VR88467A | 100.15 | 0.07 | 0 | | | 0.13 | | | | | | | |
| VR88467A | 99.63 | 0.12 | 0 | | | 0.26 | | | | | | | |
| VR88467A | 99.86 | 0.11 | 0 | | | 0.12 | | | | | | | |
| VR88467A | 99.77 | 0.11 | 0 | | | 0.12 | | | | | | | |
| VR88467A | 99.5 | 0.08 | 0 | | | 0.38 | | | | | | | |
| VR88467A | 98.83 | 0.13 | 0 | | | 0.41 | | | | | | | |
| VR88467A | 98.74 | 0.08 | 0 | | | 0.43 | | | | | | | |
| VR88467A | 99.35 | 0.05 | 0 | | | 0.37 | | | | | | | |
| VR88467A | 99.29 | 0.16 | 0 | | | 0.16 | | | | | | | |
| VR88467A | 98.66 | 0.1 | 0 | | | 0.42 | | | | | | | |
| VR88467A | 99.34 | 0.07 | 0 | | | 0.6 | | | | | | | |
| VR88467A | 100.09 | 0.15 | 0 | | | 0.24 | | | | | | | |
| VR88467A | 99.68 | 0.06 | 0 | | | 0.24 | | | | | | | |
| VR88467A | 100.27 | 0.05 | 0 | | | 0.41 | | | | | | | |
| VR88467A | 100.23 | 0.11 | 0 | | | 0.28 | | | | | | | |

Ilmenite Data

[illegible]

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|----------|-------------------------------|---------------|
| VR88467A | 206 60 AT MARGIN W RIND TI-MT | |
| VR88467A | 206 60 MAIN GRAIN | |
| VR88467A | 207 60 AT MARGIN | |
| VR88467A | 207 60 MAIN GRAIN | |
| VR88467A | 208 60 AT MARGIN | |
| VR88467A | 208 60 CENTRAL | |
| VR88467A | 209 60 AT MARGIN | |
| VR88467A | 209 60 CENTRAL | |
| VR88467A | 210 60 AT MARGIN W RUT | |
| VR88467A | 210 60 CENTRAL | |
| VR88467A | 211 60 AT MARGIN W PEROV | |
| VR88467A | 211 60 CENTRAL | |
| VR88467A | 212 60 AT MARGIN W TI-MT | |
| VR88467A | 212 60 CENTRAL | |
| VR88467A | 213 60 AT MARGIN | |
| VR88467A | 213 60 CENTRAL | |
| VR88467A | 214 60 BROAD MARGIN | |
| VR88467A | 214 60 CENTRAL | |
| VR88467A | 215 60 AT MARGIN W PEROV | |
| VR88467A | 215 60 CENTRAL | |
| VR88467A | 216 60 | |
| VR88467A | 217 60 AT MARGIN W TI-MT | |
| VR88467A | 217 60 CENTRAL | |
| VR88467A | 218 60 AT MARGIN W RIND TI-MT | |
| VR88467A | 218 60 MAIN GRAIN | |
| VR88467A | 219 60 AT MARGIN W RUT | |
| VR88467A | 219 60 CENTRAL | |
| VR88467A | 220 60 AT MARGIN W RUT | |
| VR88467A | 220 60 CENTRAL | |
| VR88467A | 221 60 AT MARGIN | |
| VR88467A | 221 60 CENTRAL | |
| VR88467A | 222 60 | |
| VR88467A | 223 60 AT MARGIN | |
| VR88467A | 223 60 CENTRAL | |
| VR88467A | 224 60 AT MARGIN | |
| VR88467A | 224 60 CENTRAL | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|----------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|-----|------|-----|
| VR88467A | 608 | 57.19264 | -112.88124 | 0.01 | 50.39 | 0.43 | 0.31 | 31.98 | 0.35 | 14.37 | | | |
| VR88467A | 607 | 57.19264 | -112.88124 | 0.04 | 49.54 | 0.26 | 0.3 | 36.89 | 0.25 | 11.28 | | | |
| VR88490A | 609 | 57.19264 | -112.88124 | 0.04 | 52.14 | 0.41 | 0.56 | 34.45 | 0.42 | 11.39 | | | |
| VR88490A | 611 | 57.19264 | -112.88124 | 0.01 | 54.12 | 0.49 | 1.4 | 25.27 | 0.49 | 17.27 | | | |
| VR88490A | 610 | 57.19264 | -112.88124 | 0.03 | 50.93 | 0.5 | 0.36 | 33.64 | 0.37 | 12.99 | | | |
| VR88490A | 613 | 57.19264 | -112.88124 | 0 | 56.62 | 0.37 | 1.39 | 21.05 | 0.48 | 19.94 | | | |
| VR88490A | 612 | 57.19264 | -112.88124 | 0.02 | 51.84 | 0.39 | 0.41 | 36.03 | 0.35 | 10.7 | | | |
| VR88490A | 614 | 57.19264 | -112.88124 | 0.02 | 53.46 | 0.48 | 0.33 | 31.36 | 0.39 | 13.33 | | | |
| VR88490A | 615 | 57.19264 | -112.88124 | 0.04 | 49.72 | 0.23 | 0.28 | 39.52 | 0.38 | 9.15 | | | |
| VR88490A | 616 | 57.19264 | -112.88124 | 0.23 | 50.74 | 0.47 | 0.34 | 36.65 | 0.4 | 10.14 | | | |
| VR88490A | 618 | 57.19264 | -112.88124 | 0.01 | 55.65 | 0.45 | 1.37 | 22.34 | 0.54 | 19.22 | | | |
| VR88490A | 617 | 57.19264 | -112.88124 | 0.01 | 49.38 | 0.25 | 0.32 | 37.85 | 0.32 | 10.29 | | | |
| VR88490A | 619 | 57.19264 | -112.88124 | 0.23 | 51.64 | 0.48 | 0.27 | 35.24 | 0.39 | 10.55 | | | |
| VR88490A | 620 | 57.19264 | -112.88124 | 0.36 | 53.19 | 0.5 | 0.27 | 32.24 | 0.42 | 12.25 | | | |
| VR88490A | 621 | 57.19264 | -112.88124 | 0.01 | 52.69 | 0.45 | 0.16 | 34.49 | 0.3 | 11.14 | | | |
| VR88490A | 623 | 57.19264 | -112.88124 | 0 | 54 | 0.52 | 1.7 | 23 | 0.48 | 19.24 | | | |
| VR88490A | 622 | 57.19264 | -112.88124 | 0.03 | 49.09 | 0.22 | 0.32 | 38.9 | 0.41 | 9.19 | | | |
| VR88490A | 624 | 57.19264 | -112.88124 | 0.1 | 50.27 | 0.53 | 0.32 | 37.38 | 0.36 | 10.16 | | | |
| VR88490A | 626 | 57.19264 | -112.88124 | 0.01 | 54.55 | 0.4 | 1.96 | 23.07 | 0.44 | 18.79 | | | |
| VR88490A | 625 | 57.19264 | -112.88124 | 0.02 | 51.01 | 0.31 | 0.12 | 34.54 | 0.39 | 12.21 | | | |
| VR88490A | 627 | 57.19264 | -112.88124 | 0.06 | 54.56 | 0.57 | 0.28 | 29.33 | 0.4 | 14.27 | | | |
| VR88490A | 628 | 57.19264 | -112.88124 | 0.04 | 43.64 | 0.15 | 0.51 | 46.91 | 0.39 | 6.45 | | | |
| VR88490A | 630 | 57.19264 | -112.88124 | 0.02 | 49.51 | 0.26 | 0.32 | 36.72 | 0.39 | 10.83 | | | |
| VR88490A | 629 | 57.19264 | -112.88124 | 0.03 | 48.68 | 0.24 | 0.25 | 39.53 | 0.38 | 9.13 | | | |
| VR88490A | 632 | 57.19264 | -112.88124 | 0.01 | 50.6 | 0.27 | 0.26 | 31.81 | 0.5 | 14.68 | | | |
| VR88490A | 631 | 57.19264 | -112.88124 | 0.06 | 49.16 | 0.2 | 0.26 | 39.57 | 0.38 | 9.19 | | | |
| VR88490A | 634 | 57.19264 | -112.88124 | 0.01 | 51.04 | 0.49 | 0.39 | 31.48 | 0.43 | 15.68 | | | |
| VR88490A | 633 | 57.19264 | -112.88124 | 0.02 | 49.59 | 0.24 | 0.27 | 39.36 | 0.33 | 9.04 | | | |
| VR88490A | 635 | 57.19264 | -112.88124 | 0.02 | 52.95 | 0.53 | 0.23 | 32.58 | 0.42 | 12.66 | | | |
| VR88490A | 637 | 57.19264 | -112.88124 | 0.02 | 52.1 | 0.32 | 0.17 | 29.26 | 0.52 | 16.34 | | | |
| VR88490A | 636 | 57.19264 | -112.88124 | 0.03 | 50.15 | 0.31 | 0.21 | 37.85 | 0.43 | 9.93 | | | |
| VR88490A | 639 | 57.19264 | -112.88124 | 0.02 | 53.53 | 0.44 | 0.63 | 26.39 | 0.51 | 17.86 | | | |
| VR88490A | 638 | 57.19264 | -112.88124 | 0.05 | 49.68 | 0.29 | 0.34 | 37.25 | 0.39 | 9.57 | | | |
| VR88490A | 641 | 57.19264 | -112.88124 | 0.02 | 54.08 | 0.57 | 0.36 | 25.35 | 0.52 | 18.52 | | | |
| VR88490A | 640 | 57.19264 | -112.88124 | 0.05 | 50.97 | 0.27 | 0.25 | 35.62 | 0.36 | 11.23 | | | |
| VR88490A | 642 | 57.19264 | -112.88124 | 0.02 | 50.31 | 0.27 | 0.38 | 38.07 | 0.4 | 9.69 | | | |

Ilmenite Data

| Sample | Total | NiO | ZnO | V2O3 | V2O5 | Nb2O5 | ZrO2 | Ni(ppm) | Zn(ppm) | F | Cl | P2O5 | Fe2O3 |
|----------|--------|------|------|------|------|-------|------|---------|---------|---|----|------|-------|
| VR88467A | 98.55 | 0.14 | 0 | | | 0.57 | | | | | | | |
| VR88467A | 99.08 | 0.07 | 0 | | | 0.45 | | | | | | | |
| VR88490A | 99.82 | 0.22 | 0 | | | 0.19 | | | | | | | |
| VR88490A | 99.74 | 0.21 | 0 | | | 0.48 | | | | | | | |
| VR88490A | 99.52 | 0.21 | 0.01 | | | 0.48 | | | | | | | |
| VR88490A | 100.23 | 0.13 | 0 | | | 0.25 | | | | | | | |
| VR88490A | 100.13 | 0.23 | 0 | | | 0.16 | | | | | | | |
| VR88490A | 99.78 | 0.19 | 0 | | | 0.22 | | | | | | | |
| VR88490A | 99.96 | 0.11 | 0.03 | | | 0.5 | | | | | | | |
| VR88490A | 99.52 | 0.27 | 0.11 | | | 0.17 | | | | | | | |
| VR88490A | 100.24 | 0.2 | 0 | | | 0.46 | | | | | | | |
| VR88490A | 99.12 | 0.2 | 0 | | | 0.5 | | | | | | | |
| VR88490A | 99.41 | 0.1 | 0.08 | | | 0.43 | | | | | | | |
| VR88490A | 99.83 | 0.23 | 0.06 | | | 0.31 | | | | | | | |
| VR88490A | 99.61 | 0.18 | 0 | | | 0.19 | | | | | | | |
| VR88490A | 99.61 | 0.15 | 0 | | | 0.52 | | | | | | | |
| VR88490A | 98.78 | 0.16 | 0.02 | | | 0.44 | | | | | | | |
| VR88490A | 99.44 | 0.16 | 0 | | | 0.16 | | | | | | | |
| VR88490A | 99.91 | 0.19 | 0 | | | 0.5 | | | | | | | |
| VR88490A | 99.23 | 0.22 | 0 | | | 0.41 | | | | | | | |
| VR88490A | 99.77 | 0.13 | 0 | | | 0.17 | | | | | | | |
| VR88490A | 98.93 | 0.21 | 0.03 | | | 0.6 | | | | | | | |
| VR88490A | 98.9 | 0.21 | 0.04 | | | 0.6 | | | | | | | |
| VR88490A | 98.96 | 0.17 | 0.04 | | | 0.51 | | | | | | | |
| VR88490A | 98.78 | 0.21 | 0 | | | 0.44 | | | | | | | |
| VR88490A | 99.37 | 0.18 | 0 | | | 0.37 | | | | | | | |
| VR88490A | 100.28 | 0.16 | 0 | | | 0.6 | | | | | | | |
| VR88490A | 99.52 | 0.24 | 0 | | | 0.43 | | | | | | | |
| VR88490A | 99.74 | 0.15 | 0 | | | 0.2 | | | | | | | |
| VR88490A | 99.3 | 0.14 | 0 | | | 0.43 | | | | | | | |
| VR88490A | 99.59 | 0.19 | 0 | | | 0.49 | | | | | | | |
| VR88490A | 100.07 | 0.24 | 0 | | | 0.45 | | | | | | | |
| VR88490A | 98.07 | 0.13 | 0 | | | 0.37 | | | | | | | |
| VR88490A | 100.01 | 0.17 | 0 | | | 0.42 | | | | | | | |
| VR88490A | 99.43 | 0.12 | 0 | | | 0.56 | | | | | | | |
| VR88490A | 99.74 | 0.22 | 0 | | | 0.38 | | | | | | | |

Ilmenite Data

[illegible]

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|----------|-------------------------------|---------------|
| VR88467A | 225 60 AT MARGIN W TI-MT | |
| VR88467A | 225 60 CENTRAL | |
| VR88490A | 132 35 | |
| VR88490A | 133 35 AT MARGIN | |
| VR88490A | 133 35 CENTRAL | |
| VR88490A | 134 35 AT MARGIN | |
| VR88490A | 134 35 MAIN GRAIN | |
| VR88490A | 135 35 | |
| VR88490A | 136 35 | |
| VR88490A | 137 35 | |
| VR88490A | 138 35 AT MARGIN | |
| VR88490A | 138 35 CENTRAL | |
| VR88490A | 139 35 | |
| VR88490A | 140 35 | |
| VR88490A | 141 35 | |
| VR88490A | 142 35 AT MARGIN W RIND TI-MT | |
| VR88490A | 142 35 MAIN GRAIN | |
| VR88490A | 143 35 | |
| VR88490A | 144 35 DARK CENTRAL ZONE | |
| VR88490A | 144 35 MAIN GRAIN | |
| VR88490A | 145 35 | |
| VR88490A | 146 35 | |
| VR88490A | 147 35 AT MARGIN W RIND TI-MT | |
| VR88490A | 147 35 CENTRAL | |
| VR88490A | 148 35 AT MARGIN | |
| VR88490A | 148 35 MAIN GRAIN | |
| VR88490A | 149 35 AT MARGIN | |
| VR88490A | 149 35 CENTRAL | |
| VR88490A | 150 35 | |
| VR88490A | 151 35 AT MARGIN | |
| VR88490A | 151 35 MAIN GRAIN | |
| VR88490A | 152 35 AT MARGIN W RIND TI-MT | |
| VR88490A | 152 35 CENTRAL | |
| VR88490A | 153 35 AT MARGIN W RIND TI-MT | |
| VR88490A | 153 35 CENTRAL | |
| VR88490A | 154 35 | |

Ilmenite Data

| Sample | Grain ID | Latitude_dd | Longitude_dd | SiO2 | TiO2 | Al2O3 | Cr2O3 | FeO | MnO | MgO | CaO | Na2O | K2O |
|----------|----------|-------------|--------------|------|-------|-------|-------|-------|------|-------|-----|------|-----|
| VR88490A | 643 | 57.19264 | -112.88124 | 0.01 | 50.26 | 0.26 | 0.26 | 37.95 | 0.33 | 9.57 | | | |
| VR88490A | 644 | 57.19264 | -112.88124 | 0.03 | 48.62 | 0.25 | 0.81 | 39.27 | 0.36 | 8.91 | | | |
| VR88490A | 645 | 57.19264 | -112.88124 | 0.05 | 52.32 | 0.51 | 0.36 | 34.32 | 0.37 | 11.31 | | | |
| VR88490A | 646 | 57.19264 | -112.88124 | 0.03 | 48.88 | 0.24 | 0.39 | 39.53 | 0.4 | 9 | | | |
| VR88490A | 648 | 57.19264 | -112.88124 | 0.04 | 57.31 | 0.33 | 1.41 | 19.53 | 0.55 | 20.84 | | | |
| VR88490A | 647 | 57.19264 | -112.88124 | 0.04 | 54.01 | 0.55 | 0.21 | 28.22 | 0.41 | 16.22 | | | |
| VR88490A | 649 | 57.19264 | -112.88124 | 0 | 53.37 | 0.51 | 0.21 | 32.58 | 0.4 | 12.37 | | | |
| VR88490A | 650 | 57.19264 | -112.88124 | 0.12 | 52.02 | 0.5 | 0.32 | 34.12 | 0.37 | 11.48 | | | |
| VR88490A | 651 | 57.19264 | -112.88124 | 0.03 | 53.54 | 0.59 | 0.25 | 31.7 | 0.35 | 12.51 | | | |
| VR88490A | 652 | 57.19264 | -112.88124 | 0.23 | 50.29 | 0.41 | 0.19 | 36.78 | 0.39 | 10.06 | | | |
| VR88490A | 653 | 57.19264 | -112.88124 | 0.02 | 53.49 | 0.53 | 0.22 | 31.08 | 0.45 | 13.07 | | | |
| VR88490A | 654 | 57.19264 | -112.88124 | 0.03 | 52.35 | 0.54 | 0.33 | 34.25 | 0.32 | 11.66 | | | |
| VR88490A | 656 | 57.19264 | -112.88124 | 0.04 | 52.39 | 0.44 | 0.4 | 34.05 | 0.38 | 11.66 | | | |
| VR88490A | 655 | 57.19264 | -112.88124 | 0.06 | 52.33 | 0.42 | 0.41 | 34.21 | 0.37 | 11.37 | | | |
| VR88490A | 657 | 57.19264 | -112.88124 | 0.07 | 50.28 | 0.53 | 0.43 | 37.07 | 0.29 | 10.39 | | | |
| VR88490A | 658 | 57.19264 | -112.88124 | 0.02 | 53.47 | 0.55 | 0.23 | 32.29 | 0.34 | 12.66 | | | |
| VR88490A | 659 | 57.19264 | -112.88124 | 0.02 | 49.78 | 0.29 | 0.25 | 37.92 | 0.35 | 9.66 | | | |
| VR88490A | 661 | 57.19264 | -112.88124 | 0.03 | 55.94 | 0.51 | 1.58 | 20.11 | 0.5 | 20.43 | | | |
| VR88490A | 660 | 57.19264 | -112.88124 | 0.03 | 52.44 | 0.33 | 0.17 | 34.37 | 0.41 | 12.05 | | | |
| VR88490A | 663 | 57.19264 | -112.88124 | 0.04 | 56.18 | 0.46 | 1.83 | 22 | 0.47 | 18.73 | | | |
| VR88490A | 662 | 57.19264 | -112.88124 | 0.24 | 54.64 | 0.65 | 0.38 | 27.2 | 0.41 | 15.77 | | | |
| VR88490A | 664 | 57.19264 | -112.88124 | 0.06 | 53.99 | 0.54 | 0.29 | 31.34 | 0.35 | 13.32 | | | |
| VR88490A | 666 | 57.19264 | -112.88124 | 0.04 | 54.77 | 0.39 | 0.41 | 25.41 | 0.44 | 17.99 | | | |
| VR88490A | 665 | 57.19264 | -112.88124 | 0.07 | 52.78 | 0.44 | 0.17 | 34.17 | 0.46 | 11.74 | | | |
| VR88490A | 668 | 57.19264 | -112.88124 | 0.02 | 53.51 | 0.49 | 0.23 | 32.22 | 0.31 | 12.6 | | | |
| VR88490A | 667 | 57.19264 | -112.88124 | 0.02 | 53.51 | 0.49 | 0.23 | 32.22 | 0.31 | 12.6 | | | |
| VR88490A | 669 | 57.19264 | -112.88124 | 0.02 | 49.79 | 0.25 | 0.35 | 38.27 | 0.35 | 9.55 | | | |
| VR88490A | 670 | 57.19264 | -112.88124 | 0.05 | 52.83 | 0.42 | 0.42 | 34.23 | 0.34 | 11.43 | | | |
| VR88490A | 671 | 57.19264 | -112.88124 | 0.01 | 52.93 | 0.47 | 0.69 | 33.04 | 0.34 | 12.26 | | | |
| VR88490A | 673 | 57.19264 | -112.88124 | 0 | 56.01 | 0.48 | 1.86 | 20.79 | 0.49 | 19.93 | | | |
| VR88490A | 672 | 57.19264 | -112.88124 | 0.04 | 52.85 | 0.74 | 1.6 | 29.17 | 0.26 | 14.55 | | | |
| VR88490A | 675 | 57.19264 | -112.88124 | 0.05 | 54.93 | 0.44 | 2.74 | 22.52 | 0.46 | 18.73 | | | |
| VR88490A | 674 | 57.19264 | -112.88124 | 0.03 | 50.11 | 0.51 | 0.48 | 35.27 | 0.43 | 11.82 | | | |
| VR88490A | 677 | 57.19264 | -112.88124 | 0.03 | 55.94 | 0.45 | 1.4 | 21.73 | 0.47 | 19.66 | | | |
| VR88490A | 676 | 57.19264 | -112.88124 | 0.02 | 52.32 | 0.44 | 0.15 | 32.27 | 0.4 | 13.33 | | | |

Ilmenite Data

| Sample | Total | NiO | ZnO | V2O3 | V2O5 | Nb2O5 | ZrO2 | Ni(ppm) | Zn(ppm) | F | Cl | P2O5 | Fe2O3 |
|----------|--------|------|------|------|------|-------|------|---------|---------|---|----|------|-------|
| VR88490A | 99.2 | 0.14 | 0 | | | 0.42 | | | | | | | |
| VR88490A | 98.78 | 0.18 | 0 | | | 0.35 | | | | | | | |
| VR88490A | 99.64 | 0.23 | 0.03 | | | 0.14 | | | | | | | |
| VR88490A | 99.17 | 0.15 | 0.04 | | | 0.51 | | | | | | | |
| VR88490A | 100.29 | 0.13 | 0 | | | 0.15 | | | | | | | |
| VR88490A | 100.08 | 0.17 | 0.02 | | | 0.23 | | | | | | | |
| VR88490A | 99.9 | 0.23 | 0 | | | 0.23 | | | | | | | |
| VR88490A | 99.24 | 0.16 | 0 | | | 0.15 | | | | | | | |
| VR88490A | 99.38 | 0.16 | 0 | | | 0.25 | | | | | | | |
| VR88490A | 98.9 | 0.25 | 0 | | | 0.3 | | | | | | | |
| VR88490A | 99.32 | 0.19 | 0.04 | | | 0.23 | | | | | | | |
| VR88490A | 99.87 | 0.25 | 0.02 | | | 0.12 | | | | | | | |
| VR88490A | 99.91 | 0.25 | 0 | | | 0.3 | | | | | | | |
| VR88490A | 99.58 | 0.13 | 0.01 | | | 0.27 | | | | | | | |
| VR88490A | 99.54 | 0.2 | 0 | | | 0.28 | | | | | | | |
| VR88490A | 100.11 | 0.26 | 0.09 | | | 0.2 | | | | | | | |
| VR88490A | 98.81 | 0.15 | 0 | | | 0.39 | | | | | | | |
| VR88490A | 99.57 | 0.13 | 0 | | | 0.34 | | | | | | | |
| VR88490A | 100.2 | 0.09 | 0 | | | 0.31 | | | | | | | |
| VR88490A | 100.09 | 0.25 | 0 | | | 0.13 | | | | | | | |
| VR88490A | 99.74 | 0.24 | 0 | | | 0.21 | | | | | | | |
| VR88490A | 100.24 | 0.21 | 0 | | | 0.14 | | | | | | | |
| VR88490A | 100.07 | 0.25 | 0 | | | 0.37 | | | | | | | |
| VR88490A | 100.25 | 0.11 | 0 | | | 0.31 | | | | | | | |
| VR88490A | 99.89 | 0.26 | 0 | | | 0.25 | | | | | | | |
| VR88490A | 99.9 | 0.26 | 0 | | | 0.26 | | | | | | | |
| VR88490A | 99.13 | 0.17 | 0 | | | 0.38 | | | | | | | |
| VR88490A | 100.14 | 0.21 | 0.02 | | | 0.19 | | | | | | | |
| VR88490A | 100.26 | 0.26 | 0 | | | 0.26 | | | | | | | |
| VR88490A | 99.87 | 0.12 | 0 | | | 0.19 | | | | | | | |
| VR88490A | 99.85 | 0.24 | 0 | | | 0.4 | | | | | | | |
| VR88490A | 100.26 | 0.21 | 0 | | | 0.18 | | | | | | | |
| VR88490A | 99.07 | 0.14 | 0 | | | 0.28 | | | | | | | |
| VR88490A | 100.11 | 0.25 | 0.02 | | | 0.16 | | | | | | | |
| VR88490A | 99.3 | 0.19 | 0 | | | 0.18 | | | | | | | |

Ilmenite Data

[illegible]

Ilmenite Data

| Sample | Assessment report information | Ass. Report # |
|----------|-------------------------------|---------------|
| VR88490A | 155 35 | |
| VR88490A | 156 35 | |
| VR88490A | 157 60 | |
| VR88490A | 158 60 | |
| VR88490A | 159 60 AT MARGIN W RIND TI-MT | |
| VR88490A | 159 60 MAIN GRAIN | |
| VR88490A | 160 60 | |
| VR88490A | 161 60 | |
| VR88490A | 162 60 | |
| VR88490A | 164 60 | |
| VR88490A | 165 60 | |
| VR88490A | 166 60 | |
| VR88490A | 167 60 AT MARGIN | |
| VR88490A | 167 60 MAIN GRAIN | |
| VR88490A | 168 60 | |
| VR88490A | 169 60 | |
| VR88490A | 170 60 | |
| VR88490A | 171 60 AT MARGIN | |
| VR88490A | 171 60 CENTRAL | |
| VR88490A | 172 60 AT MARGIN | |
| VR88490A | 172 60 CENTRAL | |
| VR88490A | 173 60 | |
| VR88490A | 174 60 AT MARGIN W RIND TI-MT | |
| VR88490A | 174 60 MAIN GRAIN | |
| VR88490A | 175 60 AT MARGIN | |
| VR88490A | 175 60 MAIN GRAIN | |
| VR88490A | 176 60 | |
| VR88490A | 177 60 | |
| VR88490A | 178 60 | |
| VR88490A | 179 60 AT MARGIN W RIND TI-MT | |
| VR88490A | 179 60 MAIN GARIN | |
| VR88490A | 180 60 AT MARGIN | |
| VR88490A | 180 60 MAIN GRAIN | |
| VR88490A | 181 60 AT MARGIN | |
| VR88490A | 181 60 CENTRAL | |