



ORE AND METAL COMPANY LTD
for and on behalf of
ASSMANG LTD



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PRIVATE BAG X 03
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HIGH GRADE MANGANESE ORE
37.5% NCHWANING R5 FINES (minus 9 mm)

| TYPICAL MINE CHEMICAL ANALYSIS | |
|-----------------------------------|-------|
| Mn % | 38.00 |
| Fe % | 7.24 |
| SiO ₂ % | 5.75 |
| P % | 0.01 |
| S % | 0.07 |
| Al ₂ O ₃ % | 0.20 |
| CaO % | 10.44 |
| MgO % | 2.82 |
| K ₂ O % | 0.02 |
| Na ₂ O % | 0.07 |

| TYPICAL MINE PHYSICAL ANALYSIS | |
|-----------------------------------|-------|
| -12.5mm+9.5mm | 1.9% |
| -9.5mm+6.3mm | 17.1% |
| -6.3mm+3.3mm | 40.6% |
| -3.3mm+2.0mm | 24.7% |
| -2.0mm+0.5mm | 15.2% |
| -0.5mm | 0.5% |

| GUARANTEED MINE CHEMICAL ANALYSIS | |
|--------------------------------------|-------|
| Mn % | 37.50 |
| Fe % | n/a |
| P % | 0.04 |