



ORE & METAL COMPANY LTD
for and on behalf of
ASSMANG (PTY) LTD



15 FRICKER ROAD
ILLOVO BOULEVARD
SOUTH AFRICA
2196

TEL: +27 (11) 770 6800
FAX: +27 (11) 268 6440

E-mail: mnoresales@assore.com

PRIVATE BAG X 03
NORTHLANDS
2116

HIGH GRADE MANGANESE ORE
42% Mn NCHWANING LUMPY (-75mm + 6mm)

| TYPICAL MINE CHEMICAL ANALYSIS | |
|----------------------------------|-------|
| Mn % | 42.80 |
| Fe % | 11.10 |
| SiO ₂ % | 5.25 |
| P % | 0.03 |
| S % | 0.18 |
| Al ₂ O ₃ % | 0.26 |
| CaO % | 7.60 |
| MgO % | 2.00 |
| K ₂ O % | 0.08 |
| Na ₂ O % | 0.20 |
| B(ppm) | 538 |

| TYPICAL MINE PHYSICAL ANALYSIS | |
|--------------------------------|-------|
| +75mm | 0.4% |
| -75mm+63mm | 7.6% |
| -63mm+32mm | 40.0% |
| -32mm+12mm | 37.1% |
| -12mm+6mm | 12.0% |
| -6mm | 2.9% |

| GUARANTEED MINE CHEMICAL ANALYSIS | |
|-----------------------------------|-----------|
| Mn % | 42.0% min |
| Fe % | n/a |
| P % | 0.06% max |