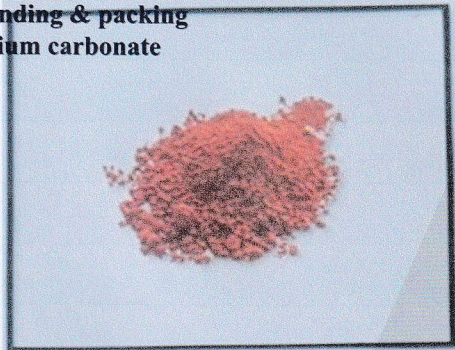




ALPHA STONE

for grinding & packing
calcium carbonate



Iron Oxide

Physical Properties

Color : Red

Shape : Solid / Powder

Moisture: 1.43%

Water solubility: Not soluble in water

Bulk Density : 2.43 g / cm³

Explosion Data: Non-Explosive

Sample Type : Iron Oxide (Fe₂O₃)

Area : Heir Koffa (Southern) / Aswan

Location :

N	33°	20'	50"
E	23°	35'	08"

Accessibility :-

70 km Asphaltic road SE (Aswan)

10 km Track in the West then 5 km to SE Aswan

Uses :-

Ceramics, Glasses, Glazes , Painting and Steel

Chemical Analysis

Elements	Result %
SiO ₂	8.16 %
TiO ₂	0.16 %
Al ₂ O ₃	3.46 %
Fe ₂ O ₃	70-75%
Mn	0.54 %
MgO	0.27 %
CaO	1.70 %
Na ₂ O	0.09 %
K ₂ O	0.04 %
P ₂ O ₅	1.75 %
Cl	<0.01%
SO ₃	0.02%
F	<0.01 %
LOI	5.09 %

