

MINERALOGICAL & SIEVE ANALYSIS REPORT

GLR GARNET- Mesh 1-12

TYPICAL MINERALOGICAL ANALYSIS :

Minerals	Guaranteed	Typical
Garnet	Min 56.60 %	60.00 %
Pebbles, Quartz, Ilmenite, Leucoxene	Max 19.80 %	19.00 %
Other Heavy Minerals	Max 23.60 %	21.00 %

TYPICAL CHEMICAL ANALYSIS :

Si O ₂	35.44 %
Al ₂ O ₃	20.78 %
Fe ₂ O ₃	31.32 %
MgO	7.36 %
CaO	1.20 %
TiO ₂	1.04 %

SIEVE ANALYSIS (TYPICAL) :

MESH	MICRONS	RETAINED %	
		GUARANTEED%	TYPICAL %
-5 # + 8# *	2360	13.9	14
-8 # + 10#*	2000	13.7	14
-10 # + 12#*	1700	28.2	28
-12 # + 20#*	850	31.3	31
-20 # + 230#*	63	10.3	10
- 230#		2.6	3

SPECIFIC GRAVITY : 4.0

BULK DENSITY : 2.38g/cm³

HARDNESS (Moh's) : 7.5

CHLORIDE : 10.28 ppm

Note: Variations in the size of grains occur from time to time although not guaranteed the grain distributions can be expected to be within the above ranges