

“STANDARD SILICA SAND”

Twin Pines Minerals LLC

TPM Raw Glass Sand Product

Twin Pines Raw Glass product is produced from the tailings in California, USA using gravity and magnetic separation techniques.

Typical Chemical Analysis

Component	Range (%)
TiO ₂	2.0 – 3.0
ZrO ₂ +HfO ₂	0.0 – 0.1
Fe ₂ O ₃	1.0 – 2.0
Al ₂ O ₃	3.50 – 4.50
SiO ₂	90.0 – 92.0
P ₂ O ₅	0.02 – 0.03

Component	Range (%)
MnO	0.09 – 0.12
MgO	0.00 – 0.01
CaO	0.00 – 0.02
SO ₃	0.00 – 0.01
LOI ₁₀₀₀	0.40 – 0.50
Free Moisture	< 5.0

Due to the varying nature of the deposits, it must be expected that some variations in the chemical analysis and particle size distribution may occur. Details of other trace elements can be provided on request.

Typical Screen Analysis

Aperture (Microns)	Aperture (US Mesh)	Weight % Retained	Cumulative Weight %
1180	16	0.00%	0.00%
850	20	0.04%	0.04%
600	30	0.10%	0.14%
425	40	0.12%	0.26%
300	50	1.30%	1.56%
250	60	6.98%	8.54%
212	70	12.48%	21.02%
180	80	30.64%	51.66%
150	100	24.41%	76.08%
106	140	21.64%	97.71%
75	200	2.13%	99.84%
<75	<200	0.16%	100.0%

The typical size distribution can be expected to vary depending on the nature of the ore body.

Contact

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