

“PREMIUM COARSE SAND”

Twin Pines Minerals LLC

TPM Coarse Sand Product

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

Typical Chemical Analysis

Component	Range (%)
TiO ₂	0.25 – 0.50
ZrO ₂ +HfO ₂	0.14 – 0.15
Fe ₂ O ₃	0.5 – 1.0
Al ₂ O ₃	3.00 – 3.50
SiO ₂	90.0 – 92.0
P ₂ O ₅	0.02 – 0.03

Component	Range (%)
MnO	0.04 – 0.05
MgO	0.06 – 0.08
CaO	0.00 – 0.02
SO ₃	0.00 – 0.01
LOI ₁₀₀₀	0.50 – 1.50
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	10.84%	10.84%
850	20	18.48%	29.32%
600	30	37.88%	67.20%
425	40	29.09%	96.29%
300	50	3.59%	99.88%
250	60	0.05%	99.93%
212	70	0.00%	99.93%
180	80	0.01%	99.94%
150	100	0.01%	99.95%
106	140	0.02%	99.97%
75	200	0.01%	99.98%
<75	<200	0.02%	100.00%

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

Contact

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