

# NEW LOW IRON (Fe 36 PPM) HIGH PURITY (>99.95% SiO<sub>2</sub>) SILICA SAND SUPPLY OPPORTUNITY

## THE OPPORTUNITY

DASAMEJA PTY LTD t/a HiTech Silica WA is developing a new **low iron high purity** silica sand mine in Western Australia.

The silica will be mined, washed, screened, and processed at the Site and transported by road to Geraldton Port for bulk export.

Seeking buyers interested in entering into off-take agreements to secure future supplies of low iron high purity silica sand.

Opportunity to work with Owner to develop silica product(s) that meet buyers long term silica needs.

## THE PRODUCT

Test results are provided below:

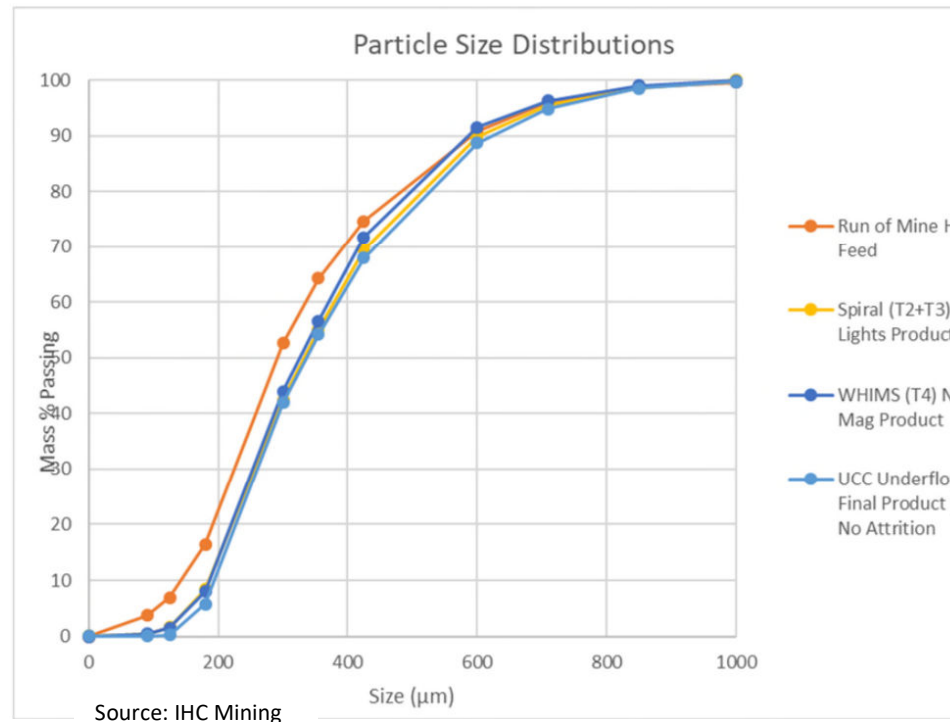
Element	T6 U/F	T7 U/F
SiO <sub>2</sub>	>99.95%	>99.95%
Fe	<b>0.0036% (36 ppm)</b>	<b>0.0089% (89 ppm)</b>
Al	0.01077% (107.7 ppm)	0.0066% (66 ppm)
Ti	0.02255% (225.5 ppm)	0.0174% (174ppm)
Cr	0.000056% (0.56 ppm)	0.000048% (0.48 ppm)

Source: LabWest

Excludes further purity upgrades possible due to LOI1000 including 5% and 3% for the T6 U/F and T7 U/F samples.

## Current Product Development Activities:

1. Electrostatic Separation of T7 U/F (Nagrom)
2. Milling (SMD) to 30 microns (Global Met Tech)



Source: IHC Mining

Based on the bulk test results, the silica resource is well suited for **low iron glass production (e.g. TFT Glass, Glass Fibre, Optical Glass, Solar Panels)** plus a range of other **electronics applications**.

## HIGHLIGHTS:

- Privately Owned
- Opportunity to develop products to meet buyer needs.

## T6 U/F:

- > 99.95% SiO<sub>2</sub>

## Bulk Test Results:

- Fe: 36 ppm
- Al: 107.7 ppm
- Ti: 225.5 ppm
- Cr: 0.56 ppm



# NEW HIGH PURITY SILICA SUPPLY OPPORTUNITY – WESTERN AUSTRALIA

## RESOURCE ESTIMATE / MINE LIFE

- Estimated Resource: = **52 Million Tonnes** (non JORC) // Estimated mine life of 175 years @ 300,000tpa
- Planned Process Plant Throughput: 300 tonnes per hour

## **Possible Resource Estimate Upside:**

Resource estimate is based on ~3.5m depth and excludes low lying sand dunes. It is known the silica extends below 3.5m but recovery may be limited by water table levels which vary across the tenement area.

## DEVELOPMENT SCHEDULE (Estimated)

- Critical Path Activities at advanced stage:
  - Heritage Site Identification Survey: Completed (Jan 2022).
  - Water licence: Licence Granted (Feb 2024).
  - 3 Phase Power: Available to connect on adjoining property.
  - Third party debt funding: Secured (subject to suitable off-take agreement).
  - Access Road Clearing Permit: Pending issue of Mining Permit.
  - Landowner re-clearing land for agricultural use which serves to facilitate initial mining work (>42yrs of mining).
  - Mining Permit: ~4 months from securing off-take agreement.
- Process plant supply: ~9 months from order placement to commissioning commencement.
- Development Schedule Target: 12-18 months

## **HIGHLIGHTS:**

### **Estimated Resource Estimate:**

- ~52 MT (*Non JORC*)

### **Target Schedule:**

- 12 – 18 months.

## CONTACT DETAILS:

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