

C/IGI/CHN/M&M/17-18/WO89340/171804425

May 18, 2017

### REPORT ON STOCK SAMPLING AND ANALYSIS

**APPLICANT'S NAME:**  
M/s. Planet Asia Pte Ltd.

**REF. TO WORK ORDER OF APPLICANT:**  
Your e-mail dt. 11.05.2017

**DATE OF OUR INSPECTION:**  
12.05.2017

**PLACE OF OUR INSPECTION:**  
Stock in Pamuru, Vaggampalli Mine, AP, India

**DETAILS OF CONSIGNMENT:**

**DESCRIPTION:**  
Quartz Lumps in bulk

**QUANTITY:**  
4000 MT approx. in 2 heaps

**OUR REPORT :**

We have attended inspection related to stocks sampling and analysis and we report as under:

Samples were drawn as per IS:2245 manually using poclain from the 2 heaps of stocks in a mine identified by the representative of the applicant.

The size test was carried out on the collected gross samples as per IS:2245 and the results arrived.

The collected gross samples after size test reduced as per IS:2245 for further processing and prepared at various stages for Thermal Stability test (in 19mm size) and for Chemical analysis (in 150 micron size). Testing of the required parameters carried out in our laboratory with the following results:

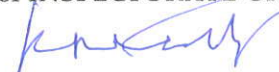
Test Method: Thermal Stability as per IS:13054; Chemical Composition as per IS:1917; Moisture test as per IS2245

Sn	Parameters	Results	
1	SiO <sub>2</sub>	98.45 %	
2	Al <sub>2</sub> O <sub>3</sub>	0.40 %	
3	CaO	0.056 %	
4	TiO <sub>2</sub>	0.049 %	
5	Phosphorous	0.004 %	
6	Moisture	0.02%	
7	Thermal Stability (+19mm)	90.74 %	
8	Size	Below 30mm	0.81 %
		30-80mm	67.69 %
		80-100 mm	15.58 %
		Above 100mm	15.92 %

Note: Fair and sunny weather was experienced during our inspection in mine site.

**END OF REPORT**

for INSPECTORATE GRIFFITH INDIA PVT.LTD.

  
**AUTHORISED SIGNATORY**  
RPS/CB/H51



**INSPECTORATE**  
23, Rajaji Salai, IV Floor,  
P.T.Lee Chengalvaraya Naicker Maaligai,  
Opp. Beach Railway Station, Chennai - 600001, India  
Tel: +91 44 25243201/02, Fax: +91 44 25243203  
E-Mail: chennai@inspectorate.co.in

  
**Verified By**

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