



**Mailing Address:** Plot No: E-17  
MIDC. Gokul Shirgaon  
Dist-Kolhapur-416234  
Maharashtra, (India)

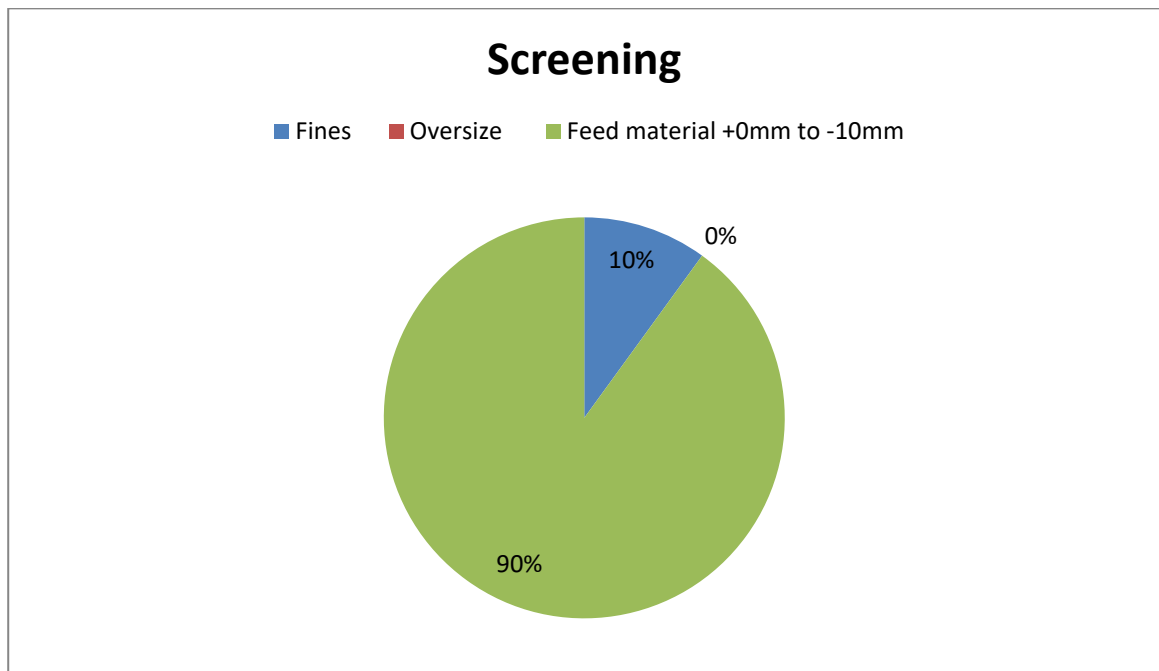
**Phone** : +91-231-2672436  
**Email** : office.seprotech@gmail.com  
**Website** : www.sepro-tech.com

<b>Date: 20.12.2014</b>
<b>Name of party: Canara Overseas Ltd.</b>
<b>Address: Veldurthy, AP state.</b>
<b>Feeding material size: +0mm to -10mm</b>

## “Sepro-tech DNS Material Trial Report”

### A. Screening

Sr.no	Particulars	Weight	Percentage	Mark	Fe%	SiO2%
1	Sample received:	300.00	100%			
2	Fines:	30.00	10%			
3	Oversize	0.00	0%			
3	Feed material (+0mm to -10mm)	270.00	90%	F 1	41.10	31.73





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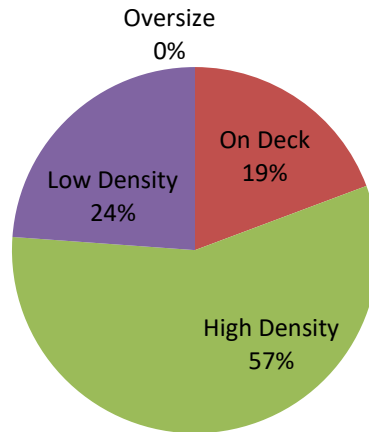
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## B. Separation-I (+0mm to -10mm)

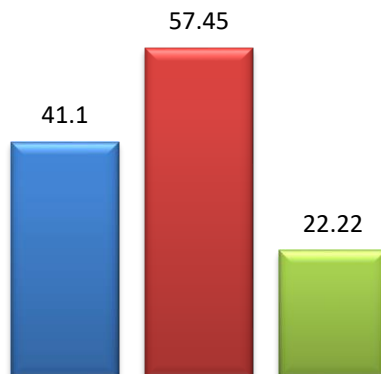
Sr.no	Particulars	Weight	Percentage	Mark	Fe%	SiO2%
1	Feed material:	270.000		F 1	41.10	31.73
2	On deck:	52.100				
3	Net material separated:	217.900	100%			
4	High Density output:	153.500	70.44%	H 1	57.45	14.79
5	Low Density output:	64.400	29.56%	L 1	22.22	54.23

### Weight Recovery Chart (Total material)



### Grade Recovery Chart

■ Feeding material grade % ■ High Density material grade % ■ Low Density material grade %



Standard Air flow 50% & Deck RPM 800, Deck Height 5mm



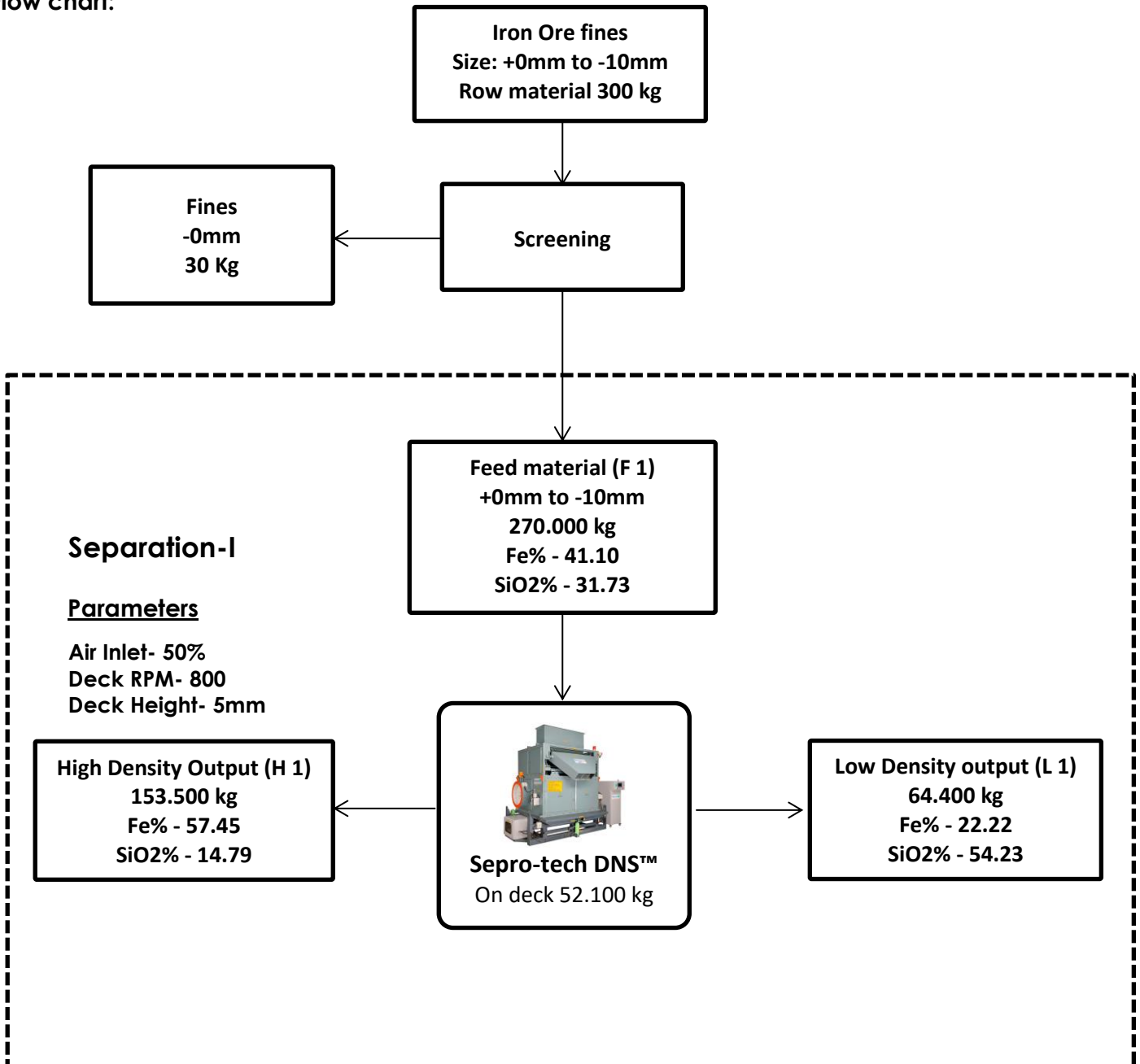
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**Flow chart:**





## Test Report

Sample No : HM14-001000.001

Print Date : 26/12/2014

JOE No : HM14-001000

Report Control No : HMR0000013690

### Sample Not Drawn by Laboratory

Sample Described by Customer as : IRON ORE  
Customer Name : Canara Overseas Limited  
Customer Address :  
City : Kurnool  
Sampling Method : N.A.  
Sample Description : Iron Ore Fines 0mm-10 mm  
Sample Condition : Uncrushed & Unsealed  
Sample Qty : 1.25 kgs  
Basis of Analysis : Dry Basis  
Sample Mark : Raw material Sample 1  
Sample Received Date : 22/12/2014  
Test Start Date : 23/12/2014

Registration Date : 22/12/2014  
Test End Date : 26/12/2014

Test Name	Test Protocol	Test Results
Total Iron as Fe %	IHM 01 / WI 01	41.13
Sillica as SiO2 %	IHM 01 / WI 02	31.73

\*End of Report\*

Per Pro SGS India Private Ltd.

  
Authorised Signatory  
**N.SRIPATHI**  
Lab In-charge /  
Technical Manager

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## Test Report

Sample No : HM14-001000.003  
JOE No : HM14-001000

Print Date : 26/12/2014  
Report Control No : HMR0000013690

### Sample Not Drawn by Laboratory

Sample Described by Customer as : IRON ORE  
Customer Name : Canara Overseas Limited  
Customer Address :  
City : Kurnool  
Sampling Method : N.A.  
Sample Description : Iron Ore Fines 3mm-10 mm  
Sample Condition : Uncrushed & Unsealed  
Sample Qty : 1.25 kgs  
Basis of Analysis : Dry Basis  
Sample Mark : Iron Ore Beneficated Sample 2B  
Sample Received Date : 22/12/2014  
Test Start Date : 23/12/2014  
Registration Date : 22/12/2014  
Test End Date : 26/12/2014

Test Name	Test Protocol	Test Results
Total Iron as Fe %	IHM 01 / WI 01	57.45
Silica as SiO <sub>2</sub> %	IHM 01 / WI 02	14.79

\*End of Report\*

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## Test Report

Sample No : HM14-001000.004  
JOE No : HM14-001000

Print Date : 26/12/2014  
Report Control No : HMR0000013690

### Sample Not Drawn by Laboratory

Sample Described by Customer as : IRON ORE  
Customer Name : Canara Overseas Limited  
Customer Address :  
City : Kurnool  
Sampling Method : N.A.  
Sample Description : Iron Ore Fines 3mm-10 mm  
Sample Condition : Uncrushed & Unsealed  
Sample Qty : 1.25 kgs  
Basis of Analysis : Dry Basis  
Sample Mark : Contamination Sample 2C  
Sample Received Date : 22/12/2014  
Test Start Date : 23/12/2014

Registration Date : 22/12/2014  
Test End Date : 26/12/2014

Test Name	Test Protocol	Test Results
Total Iron as Fe %	IHM 01 / WI 01	22.22
Silica as SiO <sub>2</sub> %	IHM 01 / WI 02	54.23

\*End of Report\*

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