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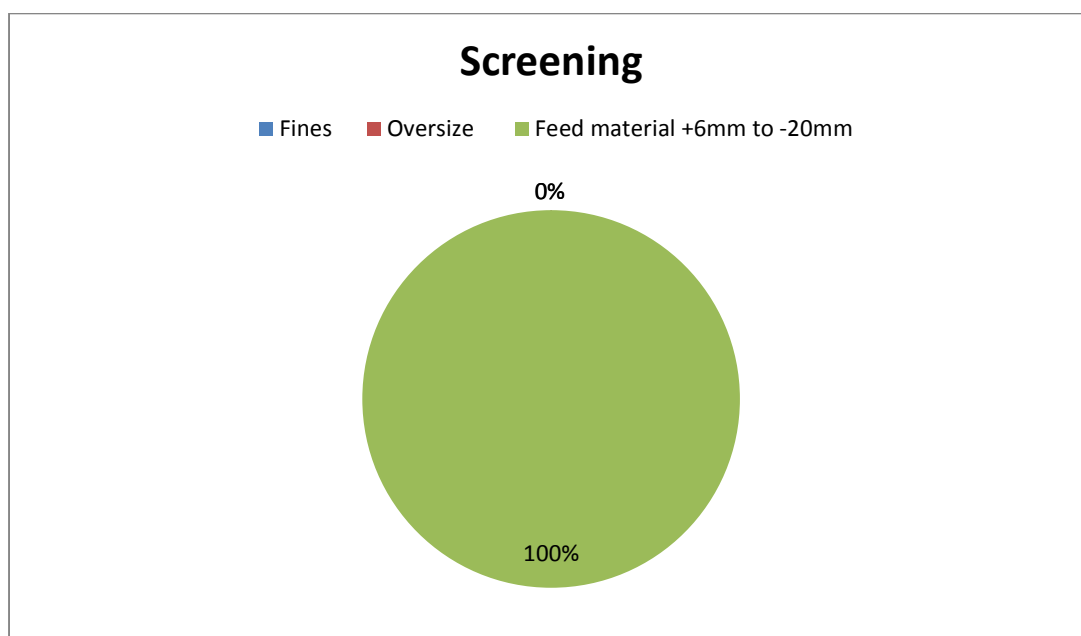
Website : www.sepro-tech.com

Date: 20.04.2017
Name of party: The Sandur Manganese & Iron Ores Limited.
Address: P.O. Deogiri, Sandur, Karnataka state
Feeding material size: +6mm to -20mm

“Sepro-tech DNS Material Trial Report”

A. Screening

Sr.no	Particulars	Weight	Percentage	Mark	Mn%	Fe%
1.	Sample received:	300.00	100%			
2.	Fines:	0.00	0%			
3.	Oversize	0.00	0%			
4.	Feed material (+6mm to -10mm)	300.00	100%	F 1	26.39	28.42

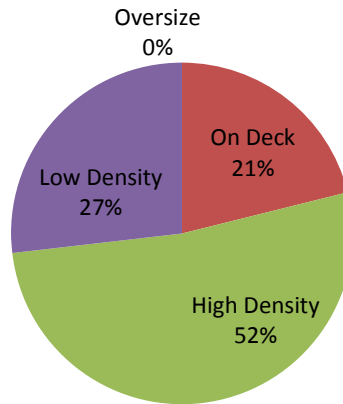




B. Separation-I (+6mm to -20mm)

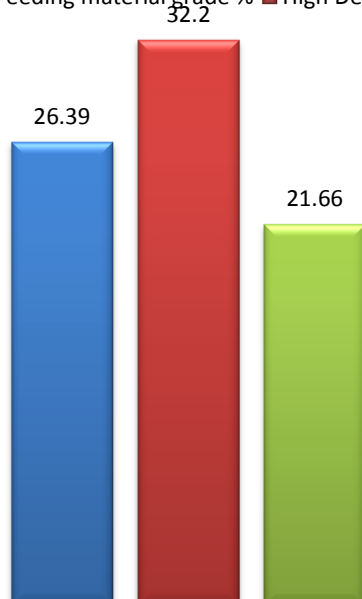
Sr.no	Particulars	Weight	Percentage	Mark	Mn%	Fe%
1	Feed material:	300.000		F 1	26.39	28.42
2	On deck:	63.400				
3	Net material separated:	236.600	100%			
4	High Density output:	156.120	65.98%	H 1	32.20	24.90
5	Low Density output:	80.480	34.02%	L 1	21.66	30.34

Weight Recovery Chart (Total material)



Grade Recovery Chart

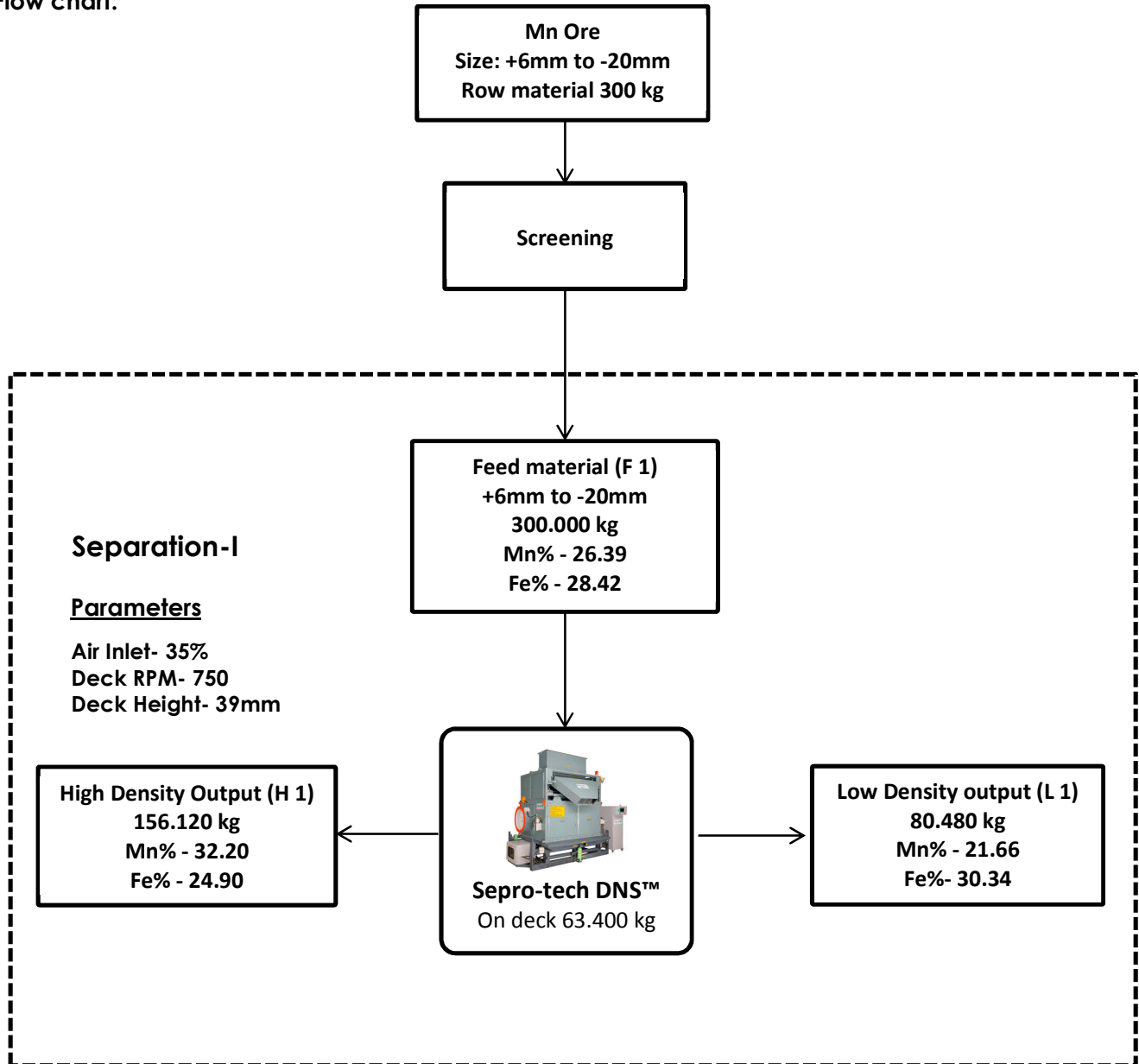
■ Feeding material grade % ■ High Density material grade % ■ Low Density material grade %



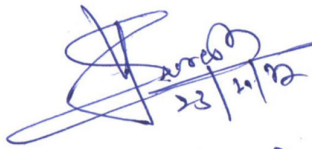
Standard Air flow 35% ,Deck RPM 750 & Deck Height 39 mm



Flow chart:



Pressure	35%	
Particulars	Mn%	Fe%
Feed material	26.39	28.42
High Density output	32.2	24.9
Low Density output	21.66	30.34


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Sri Sandur Manganese & Iron Ores Limited
Mines Office : DEOGIRI - 583 112.
Sandur Taluk, Bellary Dist.
Karnataka State.