Gujarat NRE Resources NL

NBR Drilling 2006

Assay Results and

Bulk Sample Results

Of

Metallurgical Testing Procedures

SGS Laboratories Perth WA
September 2006

Job Number: 10015
Client: Ore Pro
Assay Results

Sample ID	Solids Assay - %							
	Fe	SiO_2	Al_2O_3	S	P	LOI	MgO	CaO
40001	20.1	46.5	7.66	4.01	0.05	10.00	5.00	0.31
40002	34.2	31.7	4.12	2.04	0.04	9.59	3.48	0.28
40003	45.0	24.8	0.07	0.03	BDL	4.92	4.06	0.11
40004	44.9	19.9	0.08	0.14	0.02	9.34	2.77	0.22
40005	39.3	18.5	0.74	3.96	0.06	18.70	0.94	0.35
40006	47.8	17.8	1.42	0.92	0.01	7.83	1.49	0.23
40007	50.0	11.4	0.05	0.07	0.02	11.00	1.16	0.29
40008	36.2	8.0	0.06	0.46	0.01	26.60	4.08	0.68
40009	42.6	8.6	0.03	0.83	BDL	19.60	3.67	0.57
40010	47.4	15.0	0.07	0.04	BDL	9.66	3.27	0.26
40011	40.2	5.2	0.02	0.03	BDL	23.00	4.76	0.69
40012	40.9	7.7	0.03	0.07	BDL	20.10	4.68	0.57
40013	45.2	10.2	0.06	0.10	BDL	14.30	3.78	0.40
40014	44.1	13.2	0.04	0.07	BDL	13.00	3.56	0.40
40015	37.8	21.1	0.05	0.12	0.01	14.50	3.09	0.50
40016	44.7	20.4	0.16	0.16	BDL	9.79	2.53	0.25
40017	44.8	22.8	0.10	1.89	BDL	8.03	2.94	0.15
40018	42.9	23.3	0.17	2.70	BDL	10.30	2.88	0.16
40019	44.4	24.9	0.17	2.17	BDL	6.30	2.61	0.20
40020	43.7	27.0	0.06	0.04	BDL	2.09	4.20	1.28
40021	42.1	25.3	0.06	0.04	BDL	3.64	4.70	2.63
40022	41.2	28.6	0.06	0.01	BDL	2.04	5.04	1.82
40023	47.2	26.2	0.07	0.05	BDL	-0.72	4.13	0.54
40024	40.2	35.1	0.06	0.02	BDL	-0.44	5.54	0.09
40025	41.5	31.1	0.11	0.08	BDL	1.61	4.76	0.13
40026	33.5	26.1	10.70	1.01	0.02	5.12	3.87	0.59
40027	29.3	24.8	14.70	4.93	0.03	9.13	4.14	0.43
40028	27.0	38.5	7.09	0.40	BDL	2.92	3.44	0.97
40029	41.8	29.9	2.63	0.07	BDL	1.11	4.24	0.09
40030	47.2	27.0	0.08	0.12	BDL	-0.26	3.86	0.09
40031	45.2	26.9	0.09	0.18	BDL	2.53	3.25	0.15
40032	37.6	23.6	0.18	12.30	0.01	17.30	1.38	0.35
40033	37.6	22.2	0.15	5.39	BDL	17.20	2.15	0.60
40034	41.5	27.8	0.11	0.96	BDL	6.01	3.43	0.28
40035	47.7	23.5	1.16	0.07	BDL	2.00	3.34	0.08
40036	44.2	22.9	0.21	0.24	BDL	8.37	2.59	0.16

BDL = Below Detection Limit (0.01% for P)

K_2O	Mn
0.07	0.93
0.10	0.96
0.02	0.87
0.02	2.32
0.10	3.02
0.11	1.67
0.02	2.96
0.02	6.36
0.02	4.64
0.02	2.50
0.02	6.18
0.01	5.85
0.02	4.60
0.02	4.68
0.01	4.55
0.02	1.82
0.02	1.10
0.04	1.01
0.04	1.35
0.03	1.80
0.02	2.24
0.03	2.27
0.03	1.44
0.03	1.69
0.03	1.97
0.17	3.86
0.25	2.93
0.33	6.44
0.06	1.53
0.03	1.35
0.03	1.60
0.02	2.20
0.02	2.78
0.03	2.02
0.06	1.05
0.05	1.43

Job Number: 10015
Client: Ore Pro
Grind Establishment

Grind Time: 10 minutes

Size (µm)	Mass (g)	% Mass	% Retained	% Passing
63	380.9	39.2	39.2	60.8
53	71.1	7.3	46.6	53.4
45	66.6	6.9	53.4	46.6
38	43.9	4.5	58.0	42.0
32	35.5	3.7	61.6	38.4
-32	372.6	38.4	100.0	0.0
Total	970.6	100		

Grind Time: 15 minutes

Size (µm)	Mass (g)	% Mass	% Retained	% Passing
63	201.4	20.4	20.4	79.6
53	74.0	7.5	28.0	72.0
45	91.6	9.3	37.3	62.7
38	73.2	7.4	44.7	55.3
32	55.1	5.6	50.3	49.7
-32	489.9	49.7	100.0	0.0
Total	985.2	100		

Grind Time: 20 minutes

Size (µm)	Mass (g)	% Mass	% Retained	% Passing
63	62.4	6.5	6.5	93.5
53	48.7	5.1	11.5	88.5
45	76.1	7.9	19.4	80.6
38	93.6	9.7	29.1	70.9
32	105.7	11.0	40.1	59.9
-32	577.4	59.9	100.0	0.0
Total	963.9	100		
P_{80} (mm) =	44.6			

Job Number: 10015
Client: Ore Pro
Grind Establishment

Grind Time: 17.5 minutes

Size (µm)	Mass (g)	% Mass	% Retained	% Passing
63	107.6	10.8	10.8	89.2
53	74.5	7.5	18.3	81.7
45	90.4	9.1	27.4	72.6
38	97.6	9.8	37.2	62.8
32	106.3	10.7	47.9	52.1
-32	517.3	52.1	100.0	0.0
Total	993.7	100.0		
P_{80} (mm) =	50.3			

Grind Time: 25 minutes

Size (µm)	Mass (g)	% Mass	% Retained	% Passing
63	31.7	3.2	3.2	96.8
53	29.3	3.0	6.2	93.8
45	55.5	5.6	11.8	88.2
38	87.2	8.8	20.7	79.3
32	98.1	9.9	30.6	69.4
-32	684.6	69.4	100.0	0.0
Total	986.4	100		
P_{80} (mm) =	38.5			

Grind Time: 30 minutes

Size (µm)	Mass (g)	% Mass	% Retained	% Passing
63		0.0	0.0	100.0
53		0.0	0.0	100.0
45		0.0	0.0	100.0
38		0.0	0.0	100.0
32	226.3	22.6	22.6	77.4
-32	774.8	77.4	100.0	0.0
Total	1001.1	100.0		

Job Number: 10015
Client: Ore Pro
Summary

Head Assay Results	Fe	SiO_2	Al_2O_3	S	P
Bulk Head Assays - %	40.9	22.6	1.15	1.75	0
-3.35mm Dry Mag Head Assay - %	42.3	21.4	1.11	1.80	0.00
-2mm Dry Mag Head Assay - %	42.2	21.6	1.10	1.86	0.00
-0.5mm Dry Mag Head Assay - %	42.3	21.6	1.10	1.78	0.00
-3.35mm Head Assay - %	42.1	21.5	1.17	1.72	0.01
-2mm Head Assay - %	42.6	21.4	1.14	1.79	0.01
-0.5mm Head Assay - %	41.9	21.7	1.14	1.83	0.01
P80 = 63 um Head Assay - %	41.5	22.3	1.14	1.82	0.01
P80 = 53 um Head Assay - %	41.6	21.9	1.17	1.83	0.01
P80 = 45 um Head Assay - %	41.5	21.9	1.18	1.88	0.01
P80 = 32 um Head Assay - %	41.5	22.1	1.17	1.78	0.01
Davis Tube Tests (1000 Gauss)					
P80 = 63 um Mags Assay - %	68.5	2.58	0.05	0.11	0
P80 = 53 um Mags Assay - %	69.3	2.15	0.05	0.10	0.00
P80 = 45 um Mags Assay - %	69.4	1.86	0.04	0.11	0.00
P80 = 32 um Mags Assay - %	70.1	1.34	0.06	0.10	0.00
P80 = 63 um Mags Recovery - %	60.7	4.26	1.61	2.22	0.00
P80 = 53 um Mags Recovery - %	60.3	3.56	1.55	1.98	0.00
P80 = 45 um Mags Recovery - %	59.3	3.02	1.21	2.08	0.00
P80 = 32 um Mags Recovery - %	58.7	2.11	1.78	1.96	0.00
-3.35 mm Mags Assay - %	69.9	1.78	0.08	0.25	0.00
-2 mm Mags Assay - %	69.9	1.72	0.07	0.10	0.00
-0.5 mm Mags Assay - %	70.1	1.54	0.07	0.09	0.00
-3.35 mm Mags Recovery - %	62.2	3.10	2.55	5.45	0.00
-2 mm Mags Recovery - %	62.0	3.04	2.32	2.12	0.00
-0.5 mm Mags Recovery - %	61.2	2.60	2.24	1.80	0.00

Job Number: 10015
Client: Ore Pro
Summary

Readings Dry Mag (600 Gauss) & Davis Tube Tests (1000 Gauss)	Fe	SiO_2	Al_2O_3	S	P
-3.35 mm Dry Mags Assay - %	47.8	18.7	0.23	0.40	0.00
-2 mm Dry Mags Assay - %	46.6	19.2	0.31	0.54	0.00
-0.5 mm Dry Mags Assay - %	45.5	19.8	0.66	0.95	0.00
-3.35 mm Dry Mags Recovery - %	76.8	59.3	14.1	15.1	0.00
-2 mm Dry Mags Recovery - %	83.7	67.4	21.3	22.0	0.00
-0.5 mm Dry Mags Recovery - %	87.8	74.8	48.9	43.6	0.00
-3.35 mm Davis Mags (of Dry Mags) Assay - %	69.9	1.58	0.05	0.08	0.00
-2 mm Davis Mags (of Dry Mags) Assay - %	70.1	1.57	0.06	0.10	0.00
-0.5 mm Davis Mags (of Dry Mags) Assay - %	70.4	1.49	0.05	0.08	0.00
-3.35 mm, Davis Mags (of Dry Mags) Recovery - %	74.2	4.17	10.69	9.92	0.00
-2 mm, Davis Mags (of Dry Mags) Recovery - %	73.2	4.08	9.21	8.79	0.00
-0.5 mm, Davis Mags (of Dry Mags) Recovery - %	69.6	3.48	3.34	3.89	0.00
-3.35 mm Dry Mags and Davis Mags Overall Recovery - %	57.0	2.47	1.50	1.50	0.00
-2 mm Dry Mags and Davis Mags Overall Recovery - %	61.3	2.75	1.97	1.94	0.00
-0.5 mm Dry Mags and Davis Mags Overall Recovery - %	61.1	2.61	1.63	1.70	0.00

Job Number: 10015
Client: Ore Pro
Head Assay

Sample ID	Solids Assay - %							
	Fe	FeO	SiO_2	Al_2O_3	MgO	CaO	S	P
Bulk Head	40.9	28.8	22.6	1.15	3.46	0.52	1.75	0.00

Job Number: 10015

Client: Ore Pro

Davis Tube Separation: P80 = 63 um

Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %					Metal Units - g				
			Fe	SiO_2	Al_2O_3	S	P	Fe	SiO_2	Al_2O_3	S	P
Magnetic	14.7	36.8	68.5	2.58	0.05	0.11	0.00	10	0	0	0	0
Non Magnetic	25.3	63.3	25.8	33.7	1.78	2.81	0.01	7	9	0	1	0
Total/Calc Head	40	100.0	41.5	22.3	1.14	1.82	0.01	17	9	0	1	0

Fraction	% Recovery				
	Fe	SiO_2	Al_2O_3	S	P
Magnetic	60.7	4.3	1.6	2.2	0.0
Non Magnetic	39.3	95.7	98.4	97.8	100.0

Job Number: 10015

Client: Ore Pro

Davis Tube Separation: P80 = 53 um

Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %					Metal Units - g				
			Fe	SiO_2	Al_2O_3	S	P	Fe	SiO_2	Al_2O_3	S	P
Magnetic	14.5	36.3	69.3	2.15	0.05	0.10	0.00	10	0	0	0	0
Non Magnetic	25.5	63.8	25.9	33.1	1.81	2.82	0.01	7	8	0	1	0
Total/Calc Head	40.0	100.0	41.6	21.9	1.17	1.83	0.01	17	9	0	1	0

Fraction	% Recovery				
	Fe	SiO_2	Al_2O_3	S	P
Magnetic	60.3	3.6	1.5	2.0	0.0
Non Magnetic	39.7	96.4	98.5	98.0	100.0

Job Number: 10015

Client: Ore Pro

Davis Tube Separation: P80 = 45 um

Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %					Metal Units - g				
			Fe	SiO_2	Al_2O_3	S	P	Fe	SiO_2	Al_2O_3	S	P
Magnetic	14.2	35.5	69.4	1.86	0.04	0.11	0.00	10	0	0	0	0
Non Magnetic	25.8	64.5	26.2	32.9	1.8	2.85	0.01	7	8	0	1	0
Total/Calc Head	40.0	100.0	41.5	21.9	1.18	1.88	0.01	17	9	0	1	0

Fraction	% Recovery				
	Fe	SiO_2	Al_2O_3	S	P
Magnetic	59.3	3.0	1.2	2.1	0.0
Non Magnetic	40.7	97.0	98.8	97.9	100.0

Job Number: 10015

Client: Ore Pro

Davis Tube Separation: P80 = 32 um

Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %					Metal Units - g				
			Fe	SiO_2	Al_2O_3	S	P	Fe	SiO_2	Al_2O_3	S	P
Magnetic	13.9	34.8	70.1	1.34	0.06	0.10	0.00	10	0	0	0	0
Non Magnetic	26.1	65.3	26.3	33.1	1.76	2.67	0.01	7	9	0	1	0
Total/Calc Head	40.0	100.0	41.5	22.1	1.17	1.78	0.01	17	9	0	1	0

Fraction	% Recovery				
	Fe	SiO_2	Al_2O_3	S	P
Magnetic	58.7	2.1	1.8	2.0	0.0
Non Magnetic	41.3	97.9	98.2	98.0	100.0

Job Number: 10015

Client: Ore Pro

Davis Tube Separation: -3.35 mm

Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %					Metal Units - g				
			Fe	SiO_2	Al_2O_3	S	P	Fe	SiO_2	Al_2O_3	S	P
Magnetic	14.5	37.5	69.9	1.78	0.08	0.25	0.00	10	0	0	0	0
Non Magnetic	24.2	62.5	25.4	33.3	1.83	2.6	0.01	6	8	0	1	0
Total/Calc Head	38.7	100.0	42.1	21.5	1.17	1.72	0.01	16	8	0	1	0

Fraction	% Recovery				
	Fe	SiO_2	Al_2O_3	S	P
Magnetic	62.2	3.1	2.6	5.4	0.0
Non Magnetic	37.8	96.9	97.4	94.6	100.0

Job Number: 10015
Client: Ore Pro
Davis Tube Separation: -2 mm

Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %					Metal Units - g				
			Fe	SiO_2	Al_2O_3	S	P	Fe	SiO_2	Al_2O_3	S	P
Magnetic	14.7	37.8	69.9	1.72	0.07	0.10	0.00	10	0	0	0	0
Non Magnetic	24.2	62.2	26.0	33.3	1.79	2.81	0.01	6	8	0	1	0
Total/Calc Head	38.9	100.0	42.6	21.4	1.14	1.79	0.01	17	8	0	1	0

Fraction	% Recovery				
	Fe	SiO_2	Al_2O_3	S	P
Magnetic	62.0	3.0	2.3	2.1	0.0
Non Magnetic	38.0	97.0	97.7	97.9	100.0

Job Number: 10015
Client: Ore Pro
Davis Tube Separation: -0.5 mm

Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %					Metal Units - g				
			Fe	SiO_2	Al_2O_3	S	P	Fe	SiO_2	Al_2O_3	S	P
Magnetic	14.2	36.6	70.1	1.54	0.07	0.09	0.00	10	0	0	0	0
Non Magnetic	24.6	63.4	25.7	33.3	1.76	2.83	0.01	6	8	0	1	0
Total/Calc Head	38.8	100.0	41.9	21.7	1.14	1.83	0.01	16	8	0	1	0

Fraction	% Recovery				
	Fe	SiO_2	Al_2O_3	S	P
Magnetic	61.2	2.6	2.2	1.8	0.0
Non Magnetic	38.8	97.4	97.8	98.2	100.0

Job Number: 10015
Client: Ore Pro
Dry Magnetic and Davis Tube Separation: -3.35 mm

Readings Dry Magnetic Separation (600 Gauss)

Fraction	Mass (g)	% Mass	Solids Assay - %					Metal Units - g				
			Fe	SiO_2	Al_2O_3	S	P	Fe	SiO_2	Al_2O_3	S	P
Magnetic	1675.7	67.9	47.8	18.7	0.23	0.40	0.00	801	313	4	7	0
Non Magnetic	790.5	32.1	30.6	27.2	2.98	4.77	0.01	242	215	24	38	0
Total/Calc Head	2466.2	100.0	42.3	21.4	1.11	1.80	0.00	1043	528	27	44	0

Fraction	% Recovery				
	Fe	SiO_2	Al_2O_3	S	P
Magnetic	76.8	59.3	14.1	15.1	0.0
Non Magnetic	23.2	40.7	85.9	84.9	100.0

Davis Tube Separation (1000 Gauss)

Fraction	Mass (g)	% Mass	Solids Assay - %					Metal Units - g				
			Fe	SiO_2	Al_2O_3	S	P	Fe	SiO_2	Al_2O_3	S	P
Magnetic	19.6	50.1	69.9	1.58	0.05	0.08	0.00	14	0	0	0	0
Non Magnetic	19.5	49.9	24.4	36.5	0.42	0.73	0.01	5	7	0	0	0
Total/Calc Head	39.1	100.0	47.2	19.0	0.23	0.40	0.00	18	7	0	0	0

Fraction	% Recovery				
	Fe	SiO_2	Al_2O_3	S	P
Magnetic	74.2	4.2	10.7	9.9	0.0
Non Magnetic	25.8	95.8	89.3	90.1	100.0

Fraction	Overall % Recovery to Davis Tube Magnetics				
	Fe	SiO_2	Al_2O_3	S	P
Magnetic	57.0	2.5	1.5	1.5	0.0
Non Magnetic	43.0	97.5	98.5	98.5	100.0

Job Number: 10015
Client: Ore Pro
Dry Magnetic Separation (600 Gauss): -2 mm

Readings Dry Magnetic Separation (600 Gauss)

Fraction	Mass (g)	% Mass	Solids Assay - %					Metal Units - g				
			Fe_3O_4	SiO_2	Al_2O_3	S	P	Fe_3O_4	SiO_2	Al_2O_3	S	P
Magnetic	2017.9	75.8	46.6	19.2	0.31	0.54	0.00	940	387	6	11	0
Non Magnetic	645.6	24.2	28.4	29	3.57	5.97	0.01	183	187	23	39	0
Total/Calc Head	2663.5	100.0	42.2	21.6	1.10	1.86	0.00	1124	575	29	49	0

Fraction	% Recovery				
	Fe_3O_4	SiO_2	Al_2O_3	S	P
Magnetic	83.7	67.4	21.3	22.0	0.0
Non Magnetic	16.3	32.6	78.7	78.0	100.0

Davis Tube Separation (1000 Gauss)

Fraction	Mass (g)	% Mass	Solids Assay - %					Metal Units - g				
			Fe	SiO_2	Al_2O_3	S	P	Fe	SiO_2	Al_2O_3	S	P
Magnetic	18.8	49.1	70.1	1.57	0.06	0.10	0.00	13	0	0	0	0
Non Magnetic	19.5	50.9	24.7	35.6	0.57	1.00	0.01	5	7	0	0	0
Total/Calc Head	38.3	100.0	47.0	18.9	0.32	0.56	0.01	18	7	0	0	0

Fraction	% Recovery				
	Fe	SiO_2	Al_2O_3	S	P

Fraction	Overall % Recovery to Davis Tube Magnetics				
	Fe	SiO_2	Al_2O_3	S	P

Magnetic	73.2	4.1	9.2	8.8	0.0
Non Magnetic	26.8	95.9	90.8	91.2	100.0

Magnetic	61.3	2.7	2.0	1.9	0.0
Non Magnetic	38.7	97.3	98.0	98.1	100.0

Job Number: 10015
Client: Ore Pro
Dry Magnetic Separation (600 Gauss): -0.5 mm

Readings Dry Magnetic Separation (600 Gauss)

Fraction	Mass (g)	% Mass	Solids Assay - %					Metal Units - g				
			Fe_3O_4	SiO_2	Al_2O_3	S	P	Fe_3O_4	SiO_2	Al_2O_3	S	P
Magnetic	2141.7	81.6	45.5	19.8	0.66	0.95	0.00	974	424	14	20	0
Non Magnetic	484.4	18.4	27.9	29.5	3.05	5.43	0.01	135	143	15	26	0
Total/Calc Head	2626.1	100.0	42.3	21.6	1.10	1.78	0.00	1110	567	29	47	0

Fraction	% Recovery				
	Fe_3O_4	SiO_2	Al_2O_3	S	P
Magnetic	87.8	74.8	48.9	43.6	0.0
Non Magnetic	12.2	25.2	51.1	56.4	100.0

Davis Tube Separation (1000 Gauss)

Fraction	Mass (g)	% Mass	Solids Assay - %					Metal Units - g				
			Fe	SiO_2	Al_2O_3	S	P	Fe	SiO_2	Al_2O_3	S	P
Magnetic	16.8	45.5	70.4	1.49	0.05	0.08	0.00	12	0	0	0	0
Non Magnetic	20.1	54.5	25.7	34.5	1.21	1.65	0.01	5	7	0	0	0
Total/Calc Head	36.9	100.0	46.1	19.5	0.68	0.94	0.01	17	7	0	0	0

Fraction	% Recovery				
	Fe	SiO_2	Al_2O_3	S	P

Fraction	Overall % Recovery to Davis Tube Magnetics				
	Fe	SiO_2	Al_2O_3	S	P

Magnetic	69.6	3.5	3.3	3.9	0.0
Non Magnetic	30.4	96.5	96.7	96.1	100.0

Magnetic	61.1	2.6	1.6	1.7	0.0
Non Magnetic	38.9	97.4	98.4	98.3	100.0

TABLE

BOND BALL MILL SIZE DISTRIBUTION RESULTS

CLIENT NAME:	Ore Pro
SAMPLE DESCRIPTION:	Bulk
TEST NUMBER:	10015
DATE:	4-Sep-06

SIZE ANALYSIS OF FEED

SIZE	Mass		Cum. % Mass	
(microns)	g	%	Passing	Retained
2800	63.8	6.4	93.6	6.4
2000	268.1	26.8	66.8	33.2
1400	182.8	18.3	48.6	51.4
1000	94.0	9.4	39.2	60.8
600	102.9	10.3	28.9	71.1
425	46.9	4.7	24.2	75.8
300	37.1	3.7	20.5	79.5
150	59.8	6.0	14.5	85.5
106	27.2	2.7	11.8	88.2
-106	118.2	11.8	0.0	100.0
Total	1000.8	100.0		

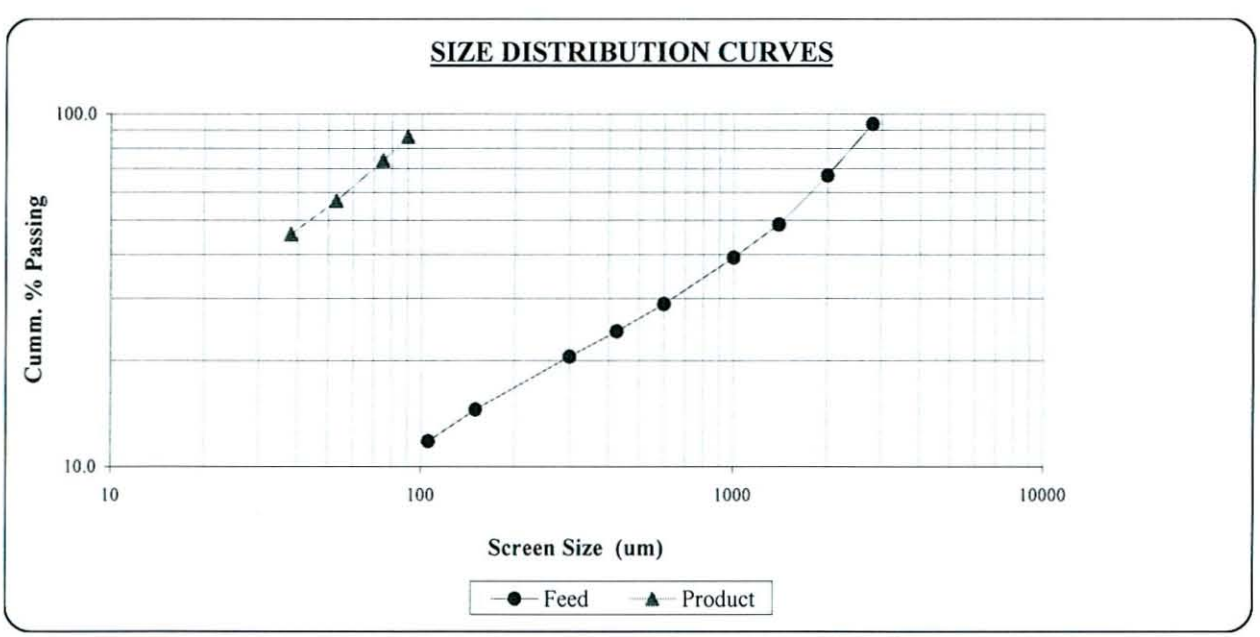
Initial Wt = **F80 (um) = 2393**

SIZE ANALYSIS OF PRODUCT

SIZE	Mass		Cum. % Mass	
(microns)	g	%	Passing	Retained
90	64.9	13.8	86.2	13.8
75	58.2	12.4	73.8	26.2
53	80.2	17.1	56.7	43.3
38	51.9	11.1	45.6	54.4
-38	214.3	45.6	0.0	100.0
Total	469.5	100.0		

Initial Wt = **P80 (um) = 83**

SIZE DISTRIBUTION CURVES



TABLE

BOND BALL MILL GRINDABILITY RESULTS

SAMPLE:	*Bulk*	**DATE:**	*4-Sep-06*
CLIENT:	*Ore Pro*	**CLOSING SCREEN µm**	*106*
JOB No:	*10015*		

CYCLE No.	A MILL REVS	B TOTAL MILL CHARGE (gms)	C MASS OF NEW FEED (gms)	D MASS OF FINES IN NEW FEED (gms)	E MASS OF OVERSIZE EX MILL (gms)	F NEW FEED NEXT CYCLE (gms)	G NET FINES PRODUCED (gms)	H FINES PRODUCED PER REV (gms/rev)	I CIRCULATING LOAD (%)	J MASS OF UNDERSIZE IN FEED TO NEXT CYCLE
1	150	1648.6	1648.6	194.7	1241.6	407.0	212.3	1.42	305.1	48.1
2	299	1648.6	407.0	48.1	1166.6	482.0	433.9	1.45	242.0	56.9
3	285	1648.6	482.0	56.9	1128.3	520.3	463.4	1.62	216.9	61.5
4	252	1648.6	520.3	61.5	1201.7	446.9	385.4	1.53	268.9	52.8
5	274	1648.6	446.9	52.8	1187.5	461.1	408.3	1.49	257.5	54.5
6	279	1648.6	461.1	54.5	1180.3	468.3	413.8	1.48	252.0	55.3
7	280	1648.6	468.3	55.3	1178.0	470.6	415.3	1.48	250.3	55.6
8	280	1648.6	470.6	55.6	1177.0	471.6	416.0	1.48	249.6	55.7

BULK DENSITY OF MILL FEED (t/m3)	2.36			
AVERAGE % CIRC LOAD OF CYCLE NOS	7,8	249.9	% PRODUCT IN FEED =	11.8
AVERAGE GMS/REV OF CYCLE NOS	7,8	1.482		
			TARGET NEW FEED (g) =	471.0
80% PASSING FEED SIZE (um), F80	2393			
80% PASSING PRODUCT SIZE (um), P80	83			

BOND BALL MILL WORK INDEX (kilowatt hours/tonne) = 13.56