

Gujarat NRE Resources NL

NBR Drilling 2006

Assay Results and

Davis Role Tube Results

Of

NBR 0003 & NBR 0004

**SGS Laboratories Perth WA
September 2006**

Job Number: 10043

Davis Role Tube Results



Summary

Magnetic Fraction Results	Mass %	Solids Assay - %						
		Fe	Fe ₃ O ₄	SiO ₂	Al ₂ O ₃	S	P	LOI
NBR 3	<i>18 m intersection at 148.00 to 166.75m inclined depth</i>							
40001	3.4	44.2	61.1	29.40	0.48	0.95	BDL	I/S
40002	31.9	63.6	87.9	6.91	0.17	0.29	BDL	0.80
40003	56.0	70.6	97.6	1.79	0.03	BDL	BDL	-2.91
40004	51.1	69.1	95.5	2.74	0.02	0.04	BDL	-2.00
40005	24.2	62.4	86.3	6.47	0.1	0.46	0.01	2.88
40006	57.4	65.2	90.1	5.70	0.12	0.23	BDL	-0.26
40007	55.2	69.2	95.7	1.60	0.02	0.02	BDL	-1.17
40008	16.4	63.1	87.2	4.80	0.03	0.16	BDL	2.15
40009	31.8	68.6	94.8	2.29	0.01	0.11	BDL	-1.07
40010	52.9	70.2	97.0	1.51	0.02	BDL	BDL	-2.23
40011	29.2	68.3	94.4	1.08	BDL	0.01	BDL	-0.06
40012	34.7	66.6	92.1	2.77	0.02	0.04	BDL	-0.05
40013	48.2	67.7	93.6	2.97	0.02	0.05	BDL	-0.98
40014	47.0	66.3	91.6	4.02	0.01	0.03	BDL	-0.38
40015	35.2	64.4	89.0	7.05	0.01	0.05	BDL	-0.19
40016	51.6	67.8	93.7	3.16	BDL	0.03	BDL	-1.04
40017	58.9	65.6	90.7	5.32	0.02	0.16	BDL	-0.20
40018	47.6	67.1	92.8	3.55	0.03	0.16	BDL	-0.82
NBR 4	<i>18m intersection from 159.70 to 177.70 inclined depth</i>							
40019	52.0	66.3	91.6	5.02	0.04	0.28	BDL	-0.97
40020	48.5	67.7	93.6	4.82	0.04	0.03	BDL	-2.42
40021	42.6	69.3	95.8	2.95	0.03	0.04	BDL	-2.74
40022	41.7	68.2	94.3	3.80	0.03	BDL	BDL	-2.54
40023	52.2	68	94.0	4.64	0.04	0.01	BDL	-2.52
40024	36.8	69.7	96.3	2.18	0.04	0.02	BDL	-3.01
40025	50.0	62.3	86.1	9.64	0.04	0.09	BDL	-1.39
40026	39.1	47	65.0	16.00	6.45	1.11	0.01	2.57
40027	0.8	30.2	41.7	21.50	10.9	2.74	0.01	I/S
40028	26.9	39.8	55.0	23.90	7.91	0.51	BDL	1.33
40029	51.8	59.4	82.1	12.70	0.76	0.07	BDL	-0.79
40030	50.5	65.7	90.8	6.75	0.03	0.10	BDL	-2.21
40031	58.2	62.2	86.0	9.47	0.03	0.12	BDL	-0.37
40032	33.9	57	78.8	7.65	0.06	4.57	BDL	8.30
40033	54.4	48.3	66.8	14.10	0.09	3.36	BDL	11.70
40034	56.4	57.2	79.1	12.30	0.05	0.94	BDL	2.93
40035	61.0	68.8	95.1	3.26	0.08	0.03	BDL	-2.63
40036	58.0	63.9	88.3	6.91	0.06	0.17	BDL	-0.02

Job Number: 10043

Client: Ore Pro

Head Assays



Sample ID	Solids Assay - %									
	Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
40001	20.1	46.5	7.66	4.01	0.05	10.00	5.00	0.31	0.07	0.93
40002	34.2	31.7	4.12	2.04	0.04	9.59	3.48	0.28	0.10	0.96
40003	45.0	24.8	0.07	0.03	BDL	4.92	4.06	0.11	0.02	0.87
40004	44.9	19.9	0.08	0.14	0.02	9.34	2.77	0.22	0.02	2.32
40005	39.3	18.5	0.74	3.96	0.06	18.70	0.94	0.35	0.10	3.02
40006	47.8	17.8	1.42	0.92	0.01	7.83	1.49	0.23	0.11	1.67
40007	50.0	11.4	0.05	0.07	0.02	11.00	1.16	0.29	0.02	2.96
40008	36.2	8.0	0.06	0.46	0.01	26.60	4.08	0.68	0.02	6.36
40009	42.6	8.6	0.03	0.83	BDL	19.60	3.67	0.57	0.02	4.64
40010	47.4	15.0	0.07	0.04	BDL	9.66	3.27	0.26	0.02	2.50
40011	40.2	5.2	0.02	0.03	BDL	23.00	4.76	0.69	0.02	6.18
40012	40.9	7.7	0.03	0.07	BDL	20.10	4.68	0.57	0.01	5.85
40013	45.2	10.2	0.06	0.10	BDL	14.30	3.78	0.40	0.02	4.60
40014	44.1	13.2	0.04	0.07	BDL	13.00	3.56	0.40	0.02	4.68
40015	37.8	21.1	0.05	0.12	0.01	14.50	3.09	0.50	0.01	4.55
40016	44.7	20.4	0.16	0.16	BDL	9.79	2.53	0.25	0.02	1.82
40017	44.8	22.8	0.10	1.89	BDL	8.03	2.94	0.15	0.02	1.10
40018	42.9	23.3	0.17	2.70	BDL	10.30	2.88	0.16	0.04	1.01
40019	44.4	24.9	0.17	2.17	BDL	6.30	2.61	0.20	0.04	1.35
40020	43.7	27.0	0.06	0.04	BDL	2.09	4.20	1.28	0.03	1.80
40021	42.1	25.3	0.06	0.04	BDL	3.64	4.70	2.63	0.02	2.24
40022	41.2	28.6	0.06	0.01	BDL	2.04	5.04	1.82	0.03	2.27
40023	47.2	26.2	0.07	0.05	BDL	-0.72	4.13	0.54	0.03	1.44
40024	40.2	35.1	0.06	0.02	BDL	-0.44	5.54	0.09	0.03	1.69
40025	41.5	31.1	0.11	0.08	BDL	1.61	4.76	0.13	0.03	1.97
40026	33.5	26.1	10.70	1.01	0.02	5.12	3.87	0.59	0.17	3.86
40027	29.3	24.8	14.70	4.93	0.03	9.13	4.14	0.43	0.25	2.93
40028	27.0	38.5	7.09	0.40	BDL	2.92	3.44	0.97	0.33	6.44
40029	41.8	29.9	2.63	0.07	BDL	1.11	4.24	0.09	0.06	1.53
40030	47.2	27.0	0.08	0.12	BDL	-0.26	3.86	0.09	0.03	1.35
40031	45.2	26.9	0.09	0.18	BDL	2.53	3.25	0.15	0.03	1.60
40032	37.6	23.6	0.18	12.30	0.01	17.30	1.38	0.35	0.02	2.20
40033	37.6	22.2	0.15	5.39	BDL	17.20	2.15	0.60	0.02	2.78
40034	41.5	27.8	0.11	0.96	BDL	6.01	3.43	0.28	0.03	2.02
40035	47.7	23.5	1.16	0.07	BDL	2.00	3.34	0.08	0.06	1.05
40036	44.2	22.9	0.21	0.24	BDL	8.37	2.59	0.16	0.05	1.43

BDL = Below Detection Limit (0.01% for P)

Job Number: 10043
 Client: Ore Pro
 Summary



Magnetic Fraction Results	Mass %	Solids Assay - %						
		Fe	Fe ₃ O ₄	SiO ₂	Al ₂ O ₃	S	P	LOI
40001	3.4	44.2	61.1	29.40	0.48	0.95	BDL	I/S
40002	31.9	63.6	87.9	6.91	0.17	0.29	BDL	0.80
40003	56.0	70.6	97.6	1.79	0.03	BDL	BDL	-2.91
40004	51.1	69.1	95.5	2.74	0.02	0.04	BDL	-2.00
40005	24.2	62.4	86.3	6.47	0.1	0.46	0.01	2.88
40006	57.4	65.2	90.1	5.70	0.12	0.23	BDL	-0.26
40007	55.2	69.2	95.7	1.60	0.02	0.02	BDL	-1.17
40008	16.4	63.1	87.2	4.80	0.03	0.16	BDL	2.15
40009	31.8	68.6	94.8	2.29	0.01	0.11	BDL	-1.07
40010	52.9	70.2	97.0	1.51	0.02	BDL	BDL	-2.23
40011	29.2	68.3	94.4	1.08	BDL	0.01	BDL	-0.06
40012	34.7	66.6	92.1	2.77	0.02	0.04	BDL	-0.05
40013	48.2	67.7	93.6	2.97	0.02	0.05	BDL	-0.98
40014	47.0	66.3	91.6	4.02	0.01	0.03	BDL	-0.38
40015	35.2	64.4	89.0	7.05	0.01	0.05	BDL	-0.19
40016	51.6	67.8	93.7	3.16	BDL	0.03	BDL	-1.04
40017	58.9	65.6	90.7	5.32	0.02	0.16	BDL	-0.20
40018	47.6	67.1	92.8	3.55	0.03	0.16	BDL	-0.82
40019	52.0	66.3	91.6	5.02	0.04	0.28	BDL	-0.97
40020	48.5	67.7	93.6	4.82	0.04	0.03	BDL	-2.42
40021	42.6	69.3	95.8	2.95	0.03	0.04	BDL	-2.74
40022	41.7	68.2	94.3	3.80	0.03	BDL	BDL	-2.54
40023	52.2	68	94.0	4.64	0.04	0.01	BDL	-2.52
40024	36.8	69.7	96.3	2.18	0.04	0.02	BDL	-3.01
40025	50.0	62.3	86.1	9.64	0.04	0.09	BDL	-1.39
40026	39.1	47	65.0	16.00	6.45	1.11	0.01	2.57
40027	0.8	30.2	41.7	21.50	10.9	2.74	0.01	I/S
40028	26.9	39.8	55.0	23.90	7.91	0.51	BDL	1.33
40029	51.8	59.4	82.1	12.70	0.76	0.07	BDL	-0.79
40030	50.5	65.7	90.8	6.75	0.03	0.10	BDL	-2.21
40031	58.2	62.2	86.0	9.47	0.03	0.12	BDL	-0.37
40032	33.9	57	78.8	7.65	0.06	4.57	BDL	8.30
40033	54.4	48.3	66.8	14.10	0.09	3.36	BDL	11.70
40034	56.4	57.2	79.1	12.30	0.05	0.94	BDL	2.93
40035	61.0	68.8	95.1	3.26	0.08	0.03	BDL	-2.63
40036	58.0	63.9	88.3	6.91	0.06	0.17	BDL	-0.02

Job Number: 10043
Client: Ore Pro
Davis Tube Separation: 40001



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	40.0		20.1	46.5	7.66	4.01	0.05	10.00	5.00	0.31	0.07	0.93
Magnetic	1.3	3.4	44.2	29.4	0.48	0.95	BDL	I/S	0.88	0.20	0.05	0.54
Non Magnetic	37.4	96.6	18.8	47.4	7.89	2.16	0.05	9.94	5.10	0.31	0.06	0.93
Total/Calc Head	38.7	100.0	19.7	46.8	7.64	2.12			4.96	0.31	0.06	0.92

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	7.6	2.1	0.2	1.5		0.6	2.2	2.8	2.0
Non Magnetic	92.4	97.9	99.8	98.5		99.4	97.8	97.2	98.0

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	61.1		
Non Magnetic		24.2	4.04

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043
Client: Ore Pro
Davis Tube Separation: 40002



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		34.2	31.7	4.12	2.04	0.04	9.59	3.48	0.28	0.10	0.96
Magnetic	6.1	31.9	63.6	6.91	0.17	0.29	BDL	0.80	0.61	0.08	BDL	0.37
Non Magnetic	13	68.1	21.3	43.3	5.86	2.34	0.05	13.40	4.59	0.34	0.11	1.13
Total/Calc Head	19.1	100.0	34.8	31.7	4.04	1.69		9.37	3.32	0.26		0.89

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	58.4	7.0	1.3	5.5		5.9	9.9		13.3
Non Magnetic	41.6	93.0	98.7	94.5		94.1	90.1		86.7

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	87.9		
Non Magnetic		27.6	4.37

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043

Client: Ore Pro

Davis Tube Separation: 40003



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		45.0	24.8	0.07	0.03	BDL	4.92	4.06	0.11	0.02	0.87
Magnetic	10.8	56.0	70.6	1.79	0.03	BDL	BDL	-2.91	0.20	0.02	BDL	0.07
Non Magnetic	8.5	44.0	16.9	51.7	0.16	0.06	0.02	13.70	7.76	0.23	0.04	1.76
Total/Calc Head	19.3	100.0	46.9	23.8	0.09			4.41	3.53	0.11		0.81

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	84.1	4.2	19.2			3.2	9.9		4.8
Non Magnetic	15.9	95.8	80.8			96.8	90.1		95.2

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	97.6		
Non Magnetic		24.1	0.11

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043

Client: Ore Pro

Davis Tube Separation: 40004



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		44.9	19.9	0.08	0.14	0.02	9.34	2.77	0.22	0.02	2.32
Magnetic	9.7	51.1	69.1	2.74	0.02	0.04	BDL	-2.00	0.28	0.03	BDL	0.28
Non Magnetic	9.3	48.9	23.4	35.2	0.11	0.23	0.03	19.80	4.50	0.41	0.03	4.38
Total/Calc Head	19	100.0	46.7	18.6	0.06	0.13		8.67	2.35	0.22		2.29

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	75.5	7.5	15.9	15.4		6.1	7.1		6.3
Non Magnetic	24.5	92.5	84.1	84.6		93.9	92.9		93.7

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	95.5		
Non Magnetic		33.2	0.43

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043
Client: Ore Pro
Davis Tube Separation: 40005



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		39.3	18.5	0.74	3.96	0.06	18.70	0.94	0.35	0.10	3.02
Magnetic	4.7	24.2	62.4	6.47	0.1	0.46	0.01	2.88	0.30	0.14	0.02	0.78
Non Magnetic	14.7	75.8	32.6	20.9	0.91	4.87	0.07	24.00	1.15	0.42	0.10	3.78
Total/Calc Head	19.4	100.0	39.8	17.4	0.71	3.80	0.06	18.88	0.94	0.35	0.08	3.05

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	38.0	9.0	3.4	2.9	4.4	7.7	9.6	6.0	6.2
Non Magnetic	62.0	91.0	96.6	97.1	95.6	92.3	90.4	94.0	93.8

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	86.3		
Non Magnetic		40.6	9.10

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043
Client: Ore Pro
Davis Tube Separation: 40006



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		47.8	17.8	1.42	0.92	0.01	7.83	1.49	0.23	0.11	1.67
Magnetic	11.2	57.4	65.2	5.7	0.12	0.23	BDL	-0.26	0.33	0.09	0.02	0.44
Non Magnetic	8.3	42.6	24.7	36.3	3.05	2.28	0.03	17.50	2.93	0.42	0.13	3.18
Total/Calc Head	19.5	100.0	48.0	18.7	1.37	1.10		7.30	1.44	0.23	0.07	1.61

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	78.1	17.5	5.0	12.0		13.2	22.4	17.2	15.7
Non Magnetic	21.9	82.5	95.0	88.0		86.8	77.6	82.8	84.3

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	90.1		
Non Magnetic		32.5	4.26

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043
Client: Ore Pro
Davis Tube Separation: 40007



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		50.0	11.4	0.05	0.07	0.02	11.00	1.16	0.29	0.02	2.96
Magnetic	10.7	55.2	69.2	1.6	0.02	0.02	BDL	-1.17	0.21	0.06	BDL	0.48
Non Magnetic	8.7	44.8	28.2	23.6	0.1	0.13	0.04	24.60	2.24	0.56	0.03	5.77
Total/Calc Head	19.4	100.0	50.8	11.5	0.06	0.07		10.39	1.12	0.28		2.85

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	75.1	7.7	19.7	15.9		10.3	11.6		9.3
Non Magnetic	24.9	92.3	80.3	84.1		89.7	88.4		90.7

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	95.7		
Non Magnetic		40.2	0.24

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043

Client: Ore Pro

Davis Tube Separation: 40008



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		36.2	7.97	0.06	0.46	0.01	26.60	4.08	0.68	0.02	6.36
Magnetic	3.2	16.4	63.1	4.8	0.03	0.16	BDL	2.15	0.60	0.14	BDL	1.22
Non Magnetic	16.3	83.6	31.3	8.8	0.06	0.66	0.02	30.80	4.57	0.79	0.02	7.29
Total/Calc Head	19.5	100.0	36.5	8.1	0.06	0.58		26.10	3.92	0.68		6.29

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	28.4	9.7	8.9	4.5		2.5	3.4		3.2
Non Magnetic	71.6	90.3	91.1	95.5		97.5	96.6		96.8

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	87.2		
Non Magnetic		43.9	1.23

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043
Client: Ore Pro
Davis Tube Separation: 40009



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		42.6	8.55	0.03	0.83	BDL	19.60	3.67	0.57	0.02	4.64
Magnetic	6.3	31.8	68.6	2.29	0.01	0.11	BDL	-1.07	0.33	0.07	BDL	0.40
Non Magnetic	13.5	68.2	29.8	10.6	0.04	0.95	BDL	30.30	5.38	0.84	0.02	7.01
Total/Calc Head	19.8	100.0	42.1	8.0	0.03	0.68		20.32	3.77	0.60		4.91

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	51.8	9.2	10.4	5.1		2.8	3.7		2.6
Non Magnetic	48.2	90.8	89.6	94.9		97.2	96.3		97.4

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	94.8		
Non Magnetic		41.4	1.78

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043
Client: Ore Pro
Davis Tube Separation: 40010



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		47.4	15	0.07	0.04	BDL	9.66	3.27	0.26	0.02	2.50
Magnetic	10.1	52.9	70.2	1.51	0.02	BDL	BDL	-2.23	0.21	0.03	BDL	0.20
Non Magnetic	9.0	47.1	25.2	26.9	0.07	0.08	0.01	22.70	5.80	0.55	0.03	5.28
Total/Calc Head	19.1	100.0	49.0	13.5	0.04			9.52	2.84	0.28		2.59

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	75.8	5.9	24.3			3.9	5.8		4.1
Non Magnetic	24.2	94.1	75.7			96.1	94.2		95.9

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	97.0		
Non Magnetic		35.9	0.15

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043
Client: Ore Pro
Davis Tube Separation: 40011



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		40.2	5.15	0.02	0.03	BDL	23.00	4.76	0.69	0.02	6.18
Magnetic	5.6	29.2	68.3	1.08	BDL	0.01	BDL	-0.06	0.54	0.08	BDL	0.71
Non Magnetic	13.6	70.8	29.2	7.00	0.04	0.03	BDL	31.90	6.29	0.93	0.01	8.31
Total/Calc Head	19.2	100.0	40.6	5.3		0.02		22.58	4.61	0.68		6.09

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	49.1	6.0		12.1		3.4	3.4		3.4
Non Magnetic	50.9	94.0		87.9		96.6	96.6		96.6

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	94.4		
Non Magnetic		41.7	0.06

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043
 Client: Ore Pro
 Davis Tube Separation: 40012



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		40.9	7.74	0.03	0.07	BDL	20.10	4.68	0.57	0.01	5.85
Magnetic	6.7	34.7	66.6	2.77	0.02	0.04	BDL	-0.05	0.64	0.07	BDL	0.79
Non Magnetic	12.6	65.3	28.6	10	0.04	0.07	BDL	30.50	6.64	0.83	0.02	8.39
Total/Calc Head	19.3	100.0	41.8	7.5	0.03	0.06		19.90	4.56	0.57		5.75

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	55.3	12.8	21.0	23.3		4.9	4.3		4.8
Non Magnetic	44.7	87.2	79.0	76.7		95.1	95.7		95.2

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	92.1		
Non Magnetic		40.8	0.13

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043
Client: Ore Pro
Davis Tube Separation: 40013



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		45.2	10.2	0.06	0.10	BDL	14.30	3.78	0.40	0.02	4.60
Magnetic	9.3	48.2	67.7	2.97	0.02	0.05	BDL	-0.98	0.52	0.05	BDL	0.56
Non Magnetic	10.0	51.8	26.1	16.5	0.1	0.13	BDL	27.70	6.58	0.71	0.03	8.21
Total/Calc Head	19.3	100.0	46.1	10.0	0.06	0.09		13.88	3.66	0.39		4.52

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	70.7	14.3	15.7	26.3		6.8	6.1		6.0
Non Magnetic	29.3	85.7	84.3	73.7		93.2	93.9		94.0

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	93.6		
Non Magnetic		37.2	0.24

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043
Client: Ore Pro
Davis Tube Separation: 40014



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		44.1	13.2	0.04	0.07	BDL	13.00	3.56	0.40	0.02	4.68
Magnetic	9.3	47.0	66.3	4.02	0.01	0.03	BDL	-0.38	0.57	0.06	BDL	0.73
Non Magnetic	10.5	53.0	25.7	20.2	0.08	0.11	BDL	24.60	6.11	0.69	0.02	8.18
Total/Calc Head	19.8	100.0	44.8	12.6	0.05	0.07		12.87	3.51	0.39		4.68

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	69.6	15.0	10.0	19.5		7.6	7.2		7.3
Non Magnetic	30.4	85.0	90.0	80.5		92.4	92.8		92.7

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	91.6		
Non Magnetic		36.6	0.21

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043

Client: Ore Pro

Davis Tube Separation: 40015



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		37.8	21.1	0.05	0.12	0.01	14.50	3.09	0.50	0.01	4.55
Magnetic	6.9	35.2	64.4	7.05	0.01	0.05	BDL	-0.19	0.49	0.07	BDL	0.66
Non Magnetic	12.7	64.8	24.2	28.5	0.07	0.27	0.01	22.60	4.42	0.74	0.02	6.73
Total/Calc Head	19.6	100.0	38.4	20.9	0.05	0.19		14.58	3.04	0.50		4.59

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	59.1	11.8	7.2	9.1		5.7	4.9		5.1
Non Magnetic	40.9	88.2	92.8	90.9		94.3	95.1		94.9

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	89.0		
Non Magnetic		34.3	0.50

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043

Client: Ore Pro

Davis Tube Separation: 40016



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		44.7	20.4	0.16	0.16	BDL	9.79	2.53	0.25	0.02	1.82
Magnetic	9.8	51.6	67.8	3.16	BDL	0.03	BDL	-1.04	0.39	0.05	BDL	0.35
Non Magnetic	9.2	48.4	23.4	36.3	0.11	0.22	0.01	20.10	4.33	0.45	0.03	3.31
Total/Calc Head	19	100.0	46.3	19.2		0.12		9.20	2.30	0.24		1.78

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	75.5	8.5		12.7		8.8	10.6		10.1
Non Magnetic	24.5	91.5		87.3		91.2	89.4		89.9

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	93.7		
Non Magnetic		33.2	0.41

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043

Client: Ore Pro

Davis Tube Separation: 40017



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		44.8	22.8	0.10	1.89	BDL	8.03	2.94	0.15	0.02	1.10
Magnetic	10.9	58.9	65.6	5.32	0.02	0.16	BDL	-0.20	0.76	0.05	BDL	0.37
Non Magnetic	7.6	41.1	22.2	41.1	0.14	3.35	BDL	18.40	5.07	0.28	0.03	2.12
Total/Calc Head	18.5	100.0	47.8	20.0	0.07	1.47		7.44	2.53	0.14		1.09

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	80.9	15.7	17.0	6.4		17.7	20.4		20.0
Non Magnetic	19.1	84.3	83.0	93.6		82.3	79.6		80.0

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	90.7		
Non Magnetic		27.6	6.26

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043

Client: Ore Pro

Davis Tube Separation: 40018



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		42.9	23.3	0.17	2.70	BDL	10.30	2.88	0.16	0.04	1.01
Magnetic	8.8	47.6	67.1	3.55	0.03	0.16	BDL	-0.82	0.58	0.05	BDL	0.21
Non Magnetic	9.7	52.4	22.8	40.8	0.31	3.73	BDL	19.80	4.29	0.25	0.07	1.62
Total/Calc Head	18.5	100.0	43.9	23.1	0.18	2.03		9.99	2.53	0.15		0.95

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	72.8	7.3	8.1	3.7		10.9	15.4		10.5
Non Magnetic	27.2	92.7	91.9	96.3		89.1	84.6		89.5

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	92.8		
Non Magnetic		28.0	6.97

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043
Client: Ore Pro
Davis Tube Separation: 40019



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		44.4	24.9	0.17	2.17	BDL	6.30	2.61	0.20	0.04	1.35
Magnetic	10.2	52.0	66.3	5.02	0.04	0.28	BDL	-0.97	0.45	0.06	BDL	0.31
Non Magnetic	9.4	48.0	23.2	44.5	0.29	2.84	BDL	14.00	4.61	0.37	0.07	2.38
Total/Calc Head	19.6	100.0	45.6	24.0	0.16	1.51		6.21	2.45	0.21		1.30

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	75.6	10.9	13.0	9.7		9.6	15.0		12.4
Non Magnetic	24.4	89.1	87.0	90.3		90.4	85.0		87.6

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	91.6		
Non Magnetic		29.6	5.31

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043

Client: Ore Pro

Davis Tube Separation: 40020



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		43.7	27	0.06	0.04	BDL	2.09	4.20	1.28	0.03	1.80
Magnetic	9.5	48.5	67.7	4.82	0.04	0.03	BDL	-2.42	0.48	0.14	BDL	0.31
Non Magnetic	10.1	51.5	22.7	46.2	0.09	0.08	BDL	6.44	7.32	2.40	0.04	3.27
Total/Calc Head	19.6	100.0	44.5	26.1	0.07	0.06		2.15	4.00	1.30		1.84

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	73.7	8.9	29.5	26.1		5.8	5.2		8.2
Non Magnetic	26.3	91.1	70.5	73.9		94.2	94.8		91.8

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	93.6		
Non Magnetic		32.4	0.15

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043

Client: Ore Pro

Davis Tube Separation: 40021



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		42.1	25.3	0.06	0.04	BDL	3.64	4.70	2.63	0.02	2.24
Magnetic	8.3	42.6	69.3	2.95	0.03	0.04	BDL	-2.74	0.39	0.20	BDL	0.25
Non Magnetic	11.2	57.4	22.6	41.4	0.07	0.05	BDL	8.34	7.72	4.55	0.03	3.68
Total/Calc Head	19.5	100.0	42.5	25.0	0.05	0.05		3.62	4.60	2.70		2.22

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	69.4	5.0	24.1	37.2		3.6	3.2		4.8
Non Magnetic	30.6	95.0	75.9	62.8		96.4	96.8		95.2

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	95.8		
Non Magnetic		32.3	0.09

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043

Client: Ore Pro

Davis Tube Separation: 40022



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		41.2	28.6	0.06	0.01	BDL	2.04	5.04	1.82	0.03	2.27
Magnetic	7.8	41.7	68.2	3.8	0.03	BDL	BDL	-2.54	0.52	0.31	BDL	0.42
Non Magnetic	10.9	58.3	23.8	44.7	0.09	0.01	BDL	5.56	7.92	2.87	0.04	3.54
Total/Calc Head	18.7	100.0	42.3	27.6	0.06			2.18	4.83	1.80		2.24

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	67.2	5.7	19.3			4.5	7.2		7.8
Non Magnetic	32.8	94.3	80.7			95.5	92.8		92.2

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	94.3		
Non Magnetic		34.0	0.02

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043

Client: Ore Pro

Davis Tube Separation: 40023



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		47.2	26.2	0.07	0.05	BDL	-0.72	4.13	0.54	0.03	1.44
Magnetic	9.6	52.2	68.0	4.64	0.04	0.01	BDL	-2.52	0.47	0.03	BDL	0.35
Non Magnetic	8.8	47.8	24.5	50.2	0.11	0.06	BDL	1.99	7.65	1.06	0.04	2.73
Total/Calc Head	18.4	100.0	47.2	26.4	0.07	0.03		-0.37	3.90	0.52		1.49

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	75.2	9.2	28.4	15.4		6.3	3.0		12.3
Non Magnetic	24.8	90.8	71.6	84.6		93.7	97.0		87.7

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	94.0		
Non Magnetic		35.0	0.11

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043

Client: Ore Pro

Davis Tube Separation: 40024



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		40.2	35.1	0.06	0.02	BDL	-0.44	5.54	0.09	0.03	1.69
Magnetic	7	36.8	69.7	2.18	0.04	0.02	BDL	-3.01	0.21	0.06	BDL	0.17
Non Magnetic	12	63.2	25.3	51.4	0.07	0.02	BDL	0.92	8.24	0.17	0.03	2.45
Total/Calc Head	19	100.0	41.7	33.3	0.06	0.02		-0.53	5.28	0.13		1.61

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	61.6	2.4	25.0	36.8		1.5	17.1		3.9
Non Magnetic	38.4	97.6	75.0	63.2		98.5	82.9		96.1

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	96.3		
Non Magnetic		36.2	0.04

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043
Client: Ore Pro
Davis Tube Separation: 40025



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		41.5	31.1	0.11	0.08	BDL	1.61	4.76	0.13	0.03	1.97
Magnetic	9.2	50.0	62.3	9.64	0.04	0.09	BDL	-1.39	1.51	0.06	BDL	0.77
Non Magnetic	9.2	50.0	23.7	49.8	0.14	0.08	BDL	4.81	7.34	0.23	0.05	3.12
Total/Calc Head	18.4	100.0	43.0	29.7	0.09	0.09		1.71	4.43	0.15		1.95

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	72.4	16.2	22.2	52.9		17.1	20.7		19.8
Non Magnetic	27.6	83.8	77.8	47.1		82.9	79.3		80.2

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	86.1		
Non Magnetic		33.8	0.15

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043

Client: Ore Pro

Davis Tube Separation: 40026



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		33.5	26.1	10.70	1.01	0.02	5.12	3.87	0.59	0.17	3.86
Magnetic	7.5	39.1	47.0	16	6.45	1.11	0.01	2.57	1.55	0.66	0.11	3.89
Non Magnetic	11.7	60.9	25.7	31	13.9	0.76	0.02	6.67	4.98	0.65	0.18	4.12
Total/Calc Head	19.2	100.0	34.0	25.1	10.99	0.90	0.02	5.07	3.64	0.65	0.15	4.03

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	54.0	24.9	22.9	48.4	24.3	16.6	39.4	28.1	37.7
Non Magnetic	46.0	75.1	77.1	51.6	75.7	83.4	60.6	71.9	62.3

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	65.0		
Non Magnetic		35.8	1.42

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043

Client: Ore Pro

Davis Tube Separation: 40027



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	40.0		29.3	24.8	14.70	4.93	0.03	9.13	4.14	0.43	0.25	2.93
Magnetic	0.3	0.8	30.2	21.5	10.9	2.74	0.01	I/S	1.92	0.94	0.16	5.67
Non Magnetic	39.5	99.2	29	24.9	14.7	3.7	0.02	9.27	4.02	0.47	0.21	3.12
Total/Calc Head	39.8	100.0	29.0	24.9	14.67	3.69	0.02		4.00	0.47	0.21	3.14

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	0.8	0.7	0.6	0.6	0.4	0.4	1.5	0.6	1.4
Non Magnetic	99.2	99.3	99.4	99.4	99.6	99.6	98.5	99.4	98.6

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	41.7		
Non Magnetic		36.9	6.92

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043

Client: Ore Pro

Davis Tube Separation: 40028



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		27.0	38.5	7.09	0.40	BDL	2.92	3.44	0.97	0.33	6.44
Magnetic	5	26.9	39.8	23.9	7.91	0.51	BDL	1.33	1.36	1.13	0.20	6.55
Non Magnetic	13.6	73.1	22.2	42.5	7.32	0.36	BDL	4.08	3.82	1.00	0.37	6.72
Total/Calc Head	18.6	100.0	26.9	37.5	7.48	0.40		3.34	3.16	1.03	0.32	6.67

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	39.7	17.1	28.4	34.2		11.6	29.4	16.6	26.4
Non Magnetic	60.3	82.9	71.6	65.8		88.4	70.6	83.4	73.6

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	55.0		
Non Magnetic		31.3	0.67

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043

Client: Ore Pro

Davis Tube Separation: 40029



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		41.8	29.9	2.63	0.07	BDL	1.11	4.24	0.09	0.06	1.53
Magnetic	10.1	51.8	59.4	12.7	0.76	0.07	BDL	-0.79	1.49	0.05	0.03	0.70
Non Magnetic	9.4	48.2	25.6	44.4	5.34	0.06	BDL	3.65	6.60	0.15	0.09	2.22
Total/Calc Head	19.5	100.0	43.1	28.0	2.97	0.07		1.35	3.95	0.10	0.06	1.43

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	71.4	23.5	13.3	55.6		19.5	26.4	26.4	25.3
Non Magnetic	28.6	76.5	86.7	44.4		80.5	73.6	73.6	74.7

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	82.1		
Non Magnetic		36.5	0.11

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043

Client: Ore Pro

Davis Tube Separation: 40030



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		47.2	27	0.08	0.12	BDL	-0.26	3.86	0.09	0.03	1.35
Magnetic	10	50.5	65.7	6.75	0.03	0.10	BDL	-2.21	0.84	0.03	BDL	0.41
Non Magnetic	9.8	49.5	29.4	46	0.18	0.12	BDL	1.95	6.44	0.18	0.06	2.27
Total/Calc Head	19.8	100.0	47.7	26.2	0.10	0.11		-0.15	3.61	0.10		1.33

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	69.5	13.0	14.5	46.0		11.7	14.5		15.6
Non Magnetic	30.5	87.0	85.5	54.0		88.3	85.5		84.4

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	90.8		
Non Magnetic		41.9	0.22

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043

Client: Ore Pro

Davis Tube Separation: 40031



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		45.2	26.9	0.09	0.18	BDL	2.53	3.25	0.15	0.03	1.60
Magnetic	11	58.2	62.2	9.47	0.03	0.12	BDL	-0.37	0.98	0.07	0.01	0.72
Non Magnetic	7.9	41.8	21.8	50.9	0.14	0.28	BDL	7.76	5.49	0.27	0.05	2.86
Total/Calc Head	18.9	100.0	45.3	26.8	0.08	0.19		3.03	2.87	0.15	0.03	1.61

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	79.9	20.6	23.0	37.4		19.9	26.5	21.8	26.0
Non Magnetic	20.1	79.4	77.0	62.6		80.1	73.5	78.2	74.0

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	86.0		
Non Magnetic		30.8	0.52

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043

Client: Ore Pro

Davis Tube Separation: 40032



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		37.6	23.6	0.18	12.30	0.01	17.30	1.38	0.35	0.02	2.20
Magnetic	6.5	33.9	57.0	7.65	0.06	4.57	BDL	8.30	0.56	0.16	BDL	0.89
Non Magnetic	12.7	66.1	27.7	32.3	0.24	1.14	0.02	21.40	1.63	0.41	0.02	2.72
Total/Calc Head	19.2	100.0	37.6	24.0	0.18	2.30		16.97	1.27	0.33		2.10

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	51.3	10.8	11.3	67.2		15.0	16.6		14.3
Non Magnetic	48.7	89.2	88.7	32.8		85.0	83.4		85.7

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	78.8		
Non Magnetic		38.2	2.13

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043

Client: Ore Pro

Davis Tube Separation: 40033



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		37.6	22.2	0.15	5.39	BDL	17.20	2.15	0.60	0.02	2.78
Magnetic	9.9	54.4	48.3	14.1	0.09	3.36	BDL	11.70	1.47	0.43	BDL	1.92
Non Magnetic	8.3	45.6	26	30.9	0.2	2.91	0.01	22.50	2.73	0.75	0.02	3.73
Total/Calc Head	18.2	100.0	38.1	21.8	0.14	3.15		16.63	2.04	0.58		2.75

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	68.9	35.2	34.9	57.9		39.1	40.6		38.0
Non Magnetic	31.1	64.8	65.1	42.1		60.9	59.4		62.0

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	66.8		
Non Magnetic		33.6	5.44

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043

Client: Ore Pro

Davis Tube Separation: 40034



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		41.5	27.8	0.11	0.96	BDL	6.01	3.43	0.28	0.03	2.02
Magnetic	10.6	56.4	57.2	12.3	0.05	0.94	BDL	2.93	1.36	0.18	0.01	1.14
Non Magnetic	8.2	43.6	23.8	44.9	0.18	1.06	BDL	10.00	5.68	0.40	0.04	3.12
Total/Calc Head	18.8	100.0	42.6	26.5	0.11	0.99		6.01	3.24	0.28	0.02	2.00

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	75.7	26.2	26.4	53.4		23.6	36.8	24.4	32.1
Non Magnetic	24.3	73.8	73.6	46.6		76.4	63.2	75.6	67.9

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	79.1		
Non Magnetic		32.7	1.98

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043

Client: Ore Pro

Davis Tube Separation: 40035



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		47.7	23.5	1.16	0.07	BDL	2.00	3.34	0.08	0.06	1.05
Magnetic	10.8	61.0	68.8	3.26	0.08	0.03	BDL	-2.63	0.34	0.01	BDL	0.17
Non Magnetic	6.9	39.0	22.7	47	3.1	0.14	BDL	7.87	6.36	0.17	0.10	2.15
Total/Calc Head	17.7	100.0	50.8	20.3	1.26	0.07		1.46	2.69	0.07		0.94

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	82.6	9.8	3.9	25.1	#VALUE!	7.7	8.4	#VALUE!	11.0
Non Magnetic	17.4	90.2	96.1	74.9	#VALUE!	92.3	91.6	#VALUE!	89.0

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	95.1		
Non Magnetic		32.3	0.26

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction

Job Number: 10043

Client: Ore Pro

Davis Tube Separation: 40036



Davis Tube Separation (1000 Gauss)												
Fraction	Mass (g)	% Mass	Solids Assay - %									
			Fe	SiO ₂	Al ₂ O ₃	S	P	LOI	MgO	CaO	K ₂ O	Mn
Head	20.0		44.2	22.9	0.21	0.24	BDL	8.37	2.59	0.16	0.05	1.43
Magnetic	10.9	58.0	63.9	6.91	0.06	0.17	BDL	-0.02	0.71	0.05	0.01	0.43
Non Magnetic	7.9	42.0	20.3	43.8	0.34	0.32	BDL	18.10	4.60	0.28	0.07	2.63
Total/Calc Head	18.8	100.0	45.6	22.4	0.18	0.23		7.59	2.34	0.15	0.04	1.35

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	81.3	17.9	19.6	42.3	#VALUE!	17.6	19.8	16.5	18.4
Non Magnetic	18.7	82.1	80.4	57.7	#VALUE!	82.4	80.2	83.5	81.6

Fraction	Calculated Solids Concentration - %		
	Fe ₃ O ₄	Fe ₂ O ₃	FeS ₂
Magnetic	88.3		
Non Magnetic		28.6	0.60

Note: Fe₃O₄ calculated from the iron assay in the magnetic fraction

Note: Fe₂O₃ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the non magnetic fraction

Note: FeS₂ calculated from the sulphur assay in the non magnetic fraction