

Gujarat NRE Resources NL

NBR Drilling 2006

Assay Results and

Davis Role Tube Results

Of

NBR 0001 & NBR 0002

**SGS Laboratories Perth WA
September 2006**

Job Number: 10057
 Client: Ore Pro
 Summary



Magnetic Fraction Results	Mass %	Solids Assay - %							
		Fe	Fe ₃ O ₄	FeS	SiO ₂	Al ₂ O ₃	S	P	LOI
NBR 1		39m intersection at 192.3 to 231.5m inclined depth							
40037	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
40038	30.1	62.8	85.4	2.8	11.30	0.03	1.01	0.01	-1.69
40039	6.1	61.1	84.1	0.7	14.20	BDL	0.24	0.07	-2.51
40040	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
40041	29.1	65.7	90.7	0.3	7.19	0.02	0.12	0.04	-1.36
40042	61.0	70.5	97.4	0.1	1.43	0.01	0.02	BDL	-2.46
40043	48.0	70.0	96.7	0.1	2.57	BDL	0.02	BDL	-2.83
40044	12.4	62.0	85.5	0.4	13.60	0.02	0.14	0.03	-2.86
40045	66.8	70.2	97.0	0.1	1.60	BDL	0.03	BDL	-2.46
40046	27.9	64.5	89.0	0.2	1.43	0.04	0.08	0.01	4.56
40047	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
40048	7.7	58.3	77.3	6.6	12.60	0.03	2.41	0.03	1.75
40049	13.1	60.6	78.7	10.1	6.56	0.01	3.68	0.03	4.19
40050	24.2	65.0	89.8	0.2	6.59	BDL	0.06	BDL	-0.32
40051	55.3	68.0	94.0	0.0	3.10	0.02	0.01	BDL	-0.92
40052	37.7	61.4	84.3	1.2	7.75	0.08	0.42	BDL	2.90
40053	11.2	51.0	70.0	1.0	15.00	0.68	0.36	BDL	8.14
40054	1.0	IS	0.0	0.0	IS	IS	IS	IS	IS
40055	22.1	58.3	80.2	0.7	11.00	0.10	0.27	BDL	3.80
40056	8.7	62.1	85.3	1.0	7.76	0.69	0.36	0.00	-0.29
40057	3.0	IS	0.0	0.0	IS	IS	IS	IS	IS
40058	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
NBR 2		27m intersection at 207 to 234m inclined depth							
40075	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
40076	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
40077	21.2	60.2	82.2	2.0	6.27	0.14	0.74	BDL	4.65
40078	17.6	59.1	79.7	3.9	3.10	0.07	1.44	BDL	7.00
40079	21.9	61.9	83.9	3.4	2.04	BDL	1.23	BDL	4.98
40080	3.1	58.9	80.0	2.9	0.70	BDL	1.05	BDL	I/S
40081	6.6	61.8	84.3	2.3	0.47	BDL	0.84	BDL	I/S
40082	1.5	IS	0.0	0.0	IS	IS	IS	IS	IS
40083	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
40084	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
40085	11.1	61.0	84.2	0.3	8.31	0.51	0.10	BDL	1.80
40086	7.5	59.6	80.4	4.0	11.40	0.43	1.47	BDL	1.36
40087	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00

Job Number: 10043
Client: Ore Pro
Davis Tube Results



Sample ID	Magnetic Separation Results			
	Sample weight (g)	Magnetic (g)	Non - Magnetic(g)	Percentage Magnetic
40037	19.6	0.0	19.6	0.0
40038	16.3	4.9	11.4	30.1
40039	19.6	1.2	18.4	6.1
40040	19.7	0.0	19.7	0.0
40041	19.6	5.7	13.9	29.1
40042	20.0	12.2	7.8	61.0
40043	20.0	9.6	10.4	48.0
40044	19.3	2.4	16.9	12.4
40045	19.9	13.3	6.6	66.8
40046	19.7	5.5	14.2	27.9
40047	19.5	0.0	19.5	0.0
40048	19.5	1.5	18.0	7.7
40049	19.9	2.6	17.3	13.1
40050	19.4	4.7	14.7	24.2
40051	19.7	10.9	8.8	55.3
40052	19.9	7.5	12.4	37.7
40053	19.6	2.2	17.4	11.2
40054	20.2	0.2	20.0	1.0
40055	19.9	4.4	15.5	22.1
40056	19.5	1.7	17.8	8.7
40057	19.8	0.6	19.2	3.0
40058	19.9	0.0	19.9	0.0
40059	19.7	0.0	19.7	0.0
40060	19.7	0.2	19.5	1.0
50061	19.7	0.0	19.7	0.0
40062	19.8	0.0	19.8	0.0
40063	19.4	0.0	19.4	0.0
40064	19.6	0.8	18.8	4.1
40065	19.6	0.1	19.5	0.5
40066	19.6	0.0	19.6	0.0
40067	19.9	0.0	19.9	0.0
40068	19.8	0.0	19.8	0.0
40069	19.7	0.0	19.7	0.0
40070	19.7	0.0	19.7	0.0
40071	19.8	0.0	19.8	0.0
40072	19.8	0.0	19.8	0.0
40073	19.7	1.6	18.1	8.1
40074	19.7	0.0	19.7	0.0
40075	19.9	0.0	19.9	0.0
40076	19.6	0.0	19.6	0.0
40077	19.8	4.2	15.6	21.2
40078	19.9	3.5	16.4	17.6
40079	19.6	4.3	15.3	21.9
40080	19.6	0.6	19.0	3.1
40081	19.8	1.3	18.5	6.6
40082	19.5	0.3	19.2	1.5
40083	19.7	0.0	19.7	0.0
40084	19.7	0.0	19.7	0.0
40085	19.9	2.2	17.7	11.1
40086	20.0	1.5	18.5	7.5
40087	19.9	0.0	19.9	0.0

Job Number: 10057
 Client: Ore Pro
 Summary



Magnetic Fraction Results	Mass %	Solids Assay - %							
		Fe	Fe ₃ O ₄	FeS	SiO ₂	Al ₂ O ₃	S	P	LOI
40037	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
40038	30.1	62.8	85.4	2.8	11.30	0.03	1.01	0.01	-1.69
40039	6.1	61.1	84.1	0.7	14.20	BDL	0.24	0.07	-2.51
40040	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
40041	29.1	65.7	90.7	0.3	7.19	0.02	0.12	0.04	-1.36
40042	61.0	70.5	97.4	0.1	1.43	0.01	0.02	BDL	-2.46
40043	48.0	70.0	96.7	0.1	2.57	BDL	0.02	BDL	-2.83
40044	12.4	62.0	85.5	0.4	13.60	0.02	0.14	0.03	-2.86
40045	66.8	70.2	97.0	0.1	1.60	BDL	0.03	BDL	-2.46
40046	27.9	64.5	89.0	0.2	1.43	0.04	0.08	0.01	4.56
40047	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
40048	7.7	58.3	77.3	6.6	12.60	0.03	2.41	0.03	1.75
40049	13.1	60.6	78.7	10.1	6.56	0.01	3.68	0.03	4.19
40050	24.2	65.0	89.8	0.2	6.59	BDL	0.06	BDL	-0.32
40051	55.3	68.0	94.0	0.0	3.10	0.02	0.01	BDL	-0.92
40052	37.7	61.4	84.3	1.2	7.75	0.08	0.42	BDL	2.90
40053	11.2	51.0	70.0	1.0	15.00	0.68	0.36	BDL	8.14
40054	1.0	IS	0.0	0.0	IS	IS	IS	IS	IS
40055	22.1	58.3	80.2	0.7	11.00	0.10	0.27	BDL	3.80
40056	8.7	62.1	85.3	1.0	7.76	0.69	0.36	0.00	-0.29
40057	3.0	IS	0.0	0.0	IS	IS	IS	IS	IS
40058	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
40075	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
40076	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
40077	21.2	60.2	82.2	2.0	6.27	0.14	0.74	BDL	4.65
40078	17.6	59.1	79.7	3.9	3.10	0.07	1.44	BDL	7.00
40079	21.9	61.9	83.9	3.4	2.04	BDL	1.23	BDL	4.98
40080	3.1	58.9	80.0	2.9	0.70	BDL	1.05	BDL	I/S
40081	6.6	61.8	84.3	2.3	0.47	BDL	0.84	BDL	I/S
40082	1.5	IS	0.0	0.0	IS	IS	IS	IS	IS
40083	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
40084	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
40085	11.1	61.0	84.2	0.3	8.31	0.51	0.10	BDL	1.80
40086	7.5	59.6	80.4	4.0	11.40	0.43	1.47	BDL	1.36
40087	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00

Job Number: 10057
Client: Ore Pro
Davis Tube Results



Sample ID	Magnetic Separation Results			
	Sample weight (g)	Magnetic (g)	Non - Magnetic(g)	Percentage Magnetic
40037	19.6	0.0	19.6	0.0
40038	16.3	4.9	11.4	30.1
40039	19.6	1.2	18.4	6.1
40040	19.7	0.0	19.7	0.0
40041	19.6	5.7	13.9	29.1
40042	20.0	12.2	7.8	61.0
40043	20.0	9.6	10.4	48.0
40044	19.3	2.4	16.9	12.4
40045	19.9	13.3	6.6	66.8
40046	19.7	5.5	14.2	27.9
40047	19.5	0.0	19.5	0.0
40048	19.5	1.5	18.0	7.7
40049	19.9	2.6	17.3	13.1
40050	19.4	4.7	14.7	24.2
40051	19.7	10.9	8.8	55.3
40052	19.9	7.5	12.4	37.7
40053	19.6	2.2	17.4	11.2
40054	20.2	0.2	20.0	1.0
40055	19.9	4.4	15.5	22.1
40056	19.5	1.7	17.8	8.7
40057	19.8	0.6	19.2	3.0
40058	19.9	0.0	19.9	0.0
40059	19.7	0.0	19.7	0.0
40060	19.7	0.2	19.5	1.0
50061	19.7	0.0	19.7	0.0
40062	19.8	0.0	19.8	0.0
40063	19.4	0.0	19.4	0.0
40064	19.6	0.8	18.8	4.1
40065	19.6	0.1	19.5	0.5
40066	19.6	0.0	19.6	0.0
40067	19.9	0.0	19.9	0.0
40068	19.8	0.0	19.8	0.0
40069	19.7	0.0	19.7	0.0
40070	19.7	0.0	19.7	0.0
40071	19.8	0.0	19.8	0.0
40072	19.8	0.0	19.8	0.0
40073	19.7	1.6	18.1	8.1
40074	19.7	0.0	19.7	0.0
40075	19.9	0.0	19.9	0.0
40076	19.6	0.0	19.6	0.0
40077	19.8	4.2	15.6	21.2
40078	19.9	3.5	16.4	17.6
40079	19.6	4.3	15.3	21.9
40080	19.6	0.6	19.0	3.1
40081	19.8	1.3	18.5	6.6
40082	19.5	0.3	19.2	1.5
40083	19.7	0.0	19.7	0.0
40084	19.7	0.0	19.7	0.0
40085	19.9	2.2	17.7	11.1
40086	20.0	1.5	18.5	7.5
40087	19.9	0.0	19.9	0.0

Job Number: 10057

Client: Ore Pro

Davis Tube Separation: 40037



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
Magnetic	0	0.0										
Non Magnetic	19.6	100.0	9.54	62.9	3.08	2.99	1.8	6.08	2.38	5.60	0.04	0.68
Total/Calc Head	19.6	100.0	9.54	62.9	3.08	2.99	1.8	6.08	2.38	5.60	0.04	0.68

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic									
Non Magnetic	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic				
Non Magnetic			9.9	5.59

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057

Client: Ore Pro

Davis Tube Separation: 40038



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
Magnetic	4.9	30.1	62.8	11.3	0.03	1.01	0.01	-1.69	0.08	0.05	BDL	0.08
Non Magnetic	11.4	69.9	8.0	79.9	0.21	4.32	0.17	5.81	0.38	0.57	0.02	0.35
Total/Calc Head	16.3	100.0	24.5	59.3	0.16	3.32	0.12	3.55	0.29	0.41		0.27

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	77.2	5.7	5.8	9.1	2.5	8.3	3.6		8.9
Non Magnetic	22.8	94.3	94.2	90.9	97.5	91.7	96.4		91.1

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic	85.4	2.77		
Non Magnetic			6.0	8.07

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057

Client: Ore Pro

Davis Tube Separation: 40039



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
Magnetic	1.2	6.1	61.1	14.2	BDL	0.24	0.07	-2.51	0.07	0.24	BDL	0.09
Non Magnetic	18.4	93.9	8.6	74.9	0.09	3.9	0.59	6.61	0.43	1.89	0.02	0.64
Total/Calc Head	19.6	100.0	11.8	71.2		3.68	0.56	6.05	0.41	1.79		0.61

Fraction	% Recovery									
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn	
Magnetic	31.8	1.2		0.4	0.8	1.1	0.8		0.9	
Non Magnetic	68.2	98.8		99.6	99.2	98.9	99.2		99.1	

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic	84.1	0.66		
Non Magnetic			7.4	7.29

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057

Client: Ore Pro

Davis Tube Separation: 40040



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
Magnetic	0	0.0										
Non Magnetic	19.7	100.0	11.4	66.2	1.20	0.76	0.26	9.93	2.22	0.88	0.24	0.79
Total/Calc Head	19.7	100.0	11.4	66.2	1.20	0.76	0.26	9.93	2.22	0.88	0.24	0.79

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic									
Non Magnetic	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic				
Non Magnetic			15.4	1.42

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057
Client: Ore Pro
Davis Tube Separation: 40041



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
Magnetic	5.7	29.1	65.7	7.19	0.02	0.12	0.04	-1.36	0.28	0.14	BDL	0.10
Non Magnetic	13.9	70.9	15.4	52.6	0.11	1.09	1.41	12.70	2.34	4.46	0.03	0.80
Total/Calc Head	19.6	100.0	30.0	39.4	0.08	0.81	1.01	8.61	1.74	3.20		0.60

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	63.6	5.3	6.9	4.3	1.1	4.7	1.3		4.9
Non Magnetic	36.4	94.7	93.1	95.7	98.9	95.3	98.7		95.1

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic	90.7	0.33		
Non Magnetic			20.7	2.04

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057

Client: Ore Pro

Davis Tube Separation: 40042



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
Magnetic	12.2	61.0	70.5	1.43	0.01	0.02	BDL	-2.46	0.21	0.03	BDL	0.11
Non Magnetic	7.8	39.0	21.4	43.3	0.10	0.53	0.1	17.50	4.36	0.55	0.02	2.03
Total/Calc Head	20	100.0	51.4	17.8	0.05	0.22		5.32	1.83	0.23		0.86

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	83.7	4.9	13.5	5.6		7.0	7.9		7.8
Non Magnetic	16.3	95.1	86.5	94.4		93.0	92.1		92.2

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic	97.4	0.05		
Non Magnetic			29.9	0.99

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057

Client: Ore Pro

Davis Tube Separation: 40043



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
Magnetic	9.6	48.0	70.0	2.57	BDL	0.02	BDL	-2.83	0.21	0.02	BDL	0.06
Non Magnetic	10.4	52.0	9.82	69.8	0.08	0.23	0.04	8.71	4.74	0.19	0.02	0.97
Total/Calc Head	20	100.0	38.7	37.5		0.13		3.17	2.57	0.11		0.53

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	86.8	3.3		7.4		3.9	8.9		5.4
Non Magnetic	13.2	96.7		92.6		96.1	91.1		94.6

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic	96.7	0.05		
Non Magnetic			13.8	0.43

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057
Client: Ore Pro
Davis Tube Separation: 40044



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
Magnetic	2.4	12.4	62.0	13.6	0.02	0.14	0.03	-2.86	0.05	0.08	BDL	0.04
Non Magnetic	16.9	87.6	6.3	82.6	0.18	1.78	0.32	4.53	0.20	1.01	0.02	0.43
Total/Calc Head	19.3	100.0	13.2	74.0	0.16	1.58	0.28	3.61	0.18	0.89		0.38

Fraction	% Recovery									
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn	
Magnetic	58.3	2.3	1.6	1.1	1.3	3.4	1.1		1.3	
Non Magnetic	41.7	97.7	98.4	98.9	98.7	96.6	98.9		98.7	

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic	85.5	0.38		
Non Magnetic			6.8	3.33

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057

Client: Ore Pro

Davis Tube Separation: 40045



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
Magnetic	13.3	66.8	70.2	1.6	BDL	0.03	BDL	-2.46	0.16	0.02	BDL	0.09
Non Magnetic	6.6	33.2	23.8	42.2	0.09	1.45	0.02	16.70	4.31	0.22	BDL	1.49
Total/Calc Head	19.9	100.0	54.8	15.1		0.50		3.90	1.54	0.09		0.55

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	85.6	7.1		4.0		7.0	15.5		10.9
Non Magnetic	14.4	92.9		96.0		93.0	84.5		89.1

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic	97.0	0.08		
Non Magnetic			32.2	2.71

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057

Client: Ore Pro

Davis Tube Separation: 40046



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
Magnetic	5.5	27.9	64.5	1.43	0.04	0.08	0.01	4.56	0.14	0.09	BDL	0.85
Non Magnetic	14.2	72.1	39.8	10.6	0.64	1.97	0.03	26.50	0.71	0.29	0.03	3.11
Total/Calc Head	19.7	100.0	46.7	8.0	0.47	1.44	0.02	20.37	0.55	0.23		2.48

Fraction	% Recovery									
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn	
Magnetic	38.6	5.0	2.4	1.5	11.4	7.1	10.7		9.6	
Non Magnetic	61.4	95.0	97.6	98.5	88.6	92.9	89.3		90.4	

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic	89.0	0.22		
Non Magnetic			54.5	3.68

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057

Client: Ore Pro

Davis Tube Separation: 40047



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
Magnetic	0	0.0										
Non Magnetic	19.5	100.0	6.62	84.70	0.03	5.85	0.06	4.73	0.13	0.19	BDL	0.08
Total/Calc Head	19.5	100.0	6.6	84.7	0.0	5.85	0.06	4.73	0.13	0.19		0.08

Fraction	% Recovery									
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn	
Magnetic										
Non Magnetic	100.0	100.0	100.0	100.0	100.0	100.0	100.0			100.0

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic				
Non Magnetic			2.2	10.93

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057
Client: Ore Pro
Davis Tube Separation: 40048



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
Magnetic	1.5	7.7	58.3	12.6	0.03	2.41	0.03	1.75	0.38	0.14	BDL	0.15
Non Magnetic	18.0	92.3	6.82	82.3	0.04	3.20	0.18	5.10	0.42	0.57	0.01	0.23
Total/Calc Head	19.5	100.0	10.8	76.9	0.04	3.14	0.17	4.84	0.42	0.54		0.22

Fraction	% Recovery									
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn	
Magnetic	41.6	1.3	5.9	5.9	1.4	7.0	2.0		5.2	
Non Magnetic	58.4	98.7	94.1	94.1	98.6	93.0	98.0		94.8	

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic	77.3	6.60		
Non Magnetic			5.8	5.98

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057
Client: Ore Pro
Davis Tube Separation: 40049



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
Magnetic	2.6	13.1	60.6	6.56	0.01	3.68	0.03	4.19	0.75	0.18	BDL	0.62
Non Magnetic	17.3	86.9	28.3	27.2	0.17	13.30	0.13	24.20	2.94	0.75	BDL	2.64
Total/Calc Head	19.9	100.0	32.5	24.5	0.15	12.04	0.12	21.59	2.65	0.68		2.38

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	24.3	3.5	0.9	4.0	3.4	3.7	3.5		3.4
Non Magnetic	75.7	96.5	99.1	96.0	96.6	96.3	96.5		96.6

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic	78.7	10.08		
Non Magnetic			23.9	24.86

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057

Client: Ore Pro

Davis Tube Separation: 40050



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
Magnetic	4.7	24.2	65.0	6.59	BDL	0.06	BDL	-0.32	0.28	0.07	BDL	0.18
Non Magnetic	14.7	75.8	14.5	63.7	0.04	0.78	0.02	11.60	1.76	0.22	BDL	1.03
Total/Calc Head	19.4	100.0	26.7	49.9		0.61		8.71	1.40	0.18		0.82

Fraction	% Recovery									
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn	
Magnetic	58.9	3.2		2.4		4.8	9.2		5.3	
Non Magnetic	41.1	96.8		97.6		95.2	90.8		94.7	

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic	89.8	0.16		
Non Magnetic			19.8	1.46

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057
Client: Ore Pro
Davis Tube Separation: 40051



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
Magnetic	10.9	55.3	68.0	3.1	0.02	0.01	BDL	-0.92	0.49	0.04	BDL	0.19
Non Magnetic	8.8	44.7	25.1	28.4	0.15	0.24	0.01	24.30	6.02	0.43	0.01	3.29
Total/Calc Head	19.7	100.0	48.8	14.4	0.08	0.11		10.35	2.96	0.21		1.57

Fraction	% Recovery									
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn	
Magnetic	77.0	11.9	14.2	4.9		9.2	10.3		6.7	
Non Magnetic	23.0	88.1	85.8	95.1		90.8	89.7		93.3	

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic	94.0	0.03		
Non Magnetic			35.6	0.45

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057

Client: Ore Pro

Davis Tube Separation: 40052



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
Magnetic	7.5	37.7	61.4	7.75	0.08	0.42	BDL	2.90	0.86	0.13	BDL	0.37
Non Magnetic	12.4	62.3	27.1	31.4	0.9	3.88	0.01	22.10	3.66	0.43	0.01	1.72
Total/Calc Head	19.9	100.0	40.0	22.5	0.6	2.58		14.86	2.60	0.32		1.21

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	57.8	13.0	5.1	6.1		12.4	15.5		11.5
Non Magnetic	42.2	87.0	94.9	93.9		87.6	84.5		88.5

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic	84.3	1.15		
Non Magnetic			33.9	7.25

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057

Client: Ore Pro

Davis Tube Separation: 40053



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
Magnetic	2.2	11.2	51.0	15	0.68	0.36	BDL	8.14	1.65	0.18	0.01	0.94
Non Magnetic	17.4	88.8	23.5	37.3	6.04	0.94	BDL	15.70	3.04	0.38	0.29	2.26
Total/Calc Head	19.6	100.0	26.6	34.8	5.44	0.87		14.85	2.88	0.36	0.26	2.11

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	21.5	4.8	1.4	4.6		6.4	5.7	0.4	5.0
Non Magnetic	78.5	95.2	98.6	95.4		93.6	94.3	99.6	95.0

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic	70.0	0.99		
Non Magnetic			32.4	1.76

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057

Client: Ore Pro

Davis Tube Separation: 40054



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
Magnetic	0.2	1.0	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS
Non Magnetic	20	99.0	17.7	43.9	12	0.17	BDL	9.46	2.15	0.70	1.32	3.19
Total/Calc Head	20.2	100.0										

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic									
Non Magnetic									

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic				
Non Magnetic			25.1	0.32

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057
Client: Ore Pro
Davis Tube Separation: 40055



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
Magnetic	4.4	22.1	58.3	11	0.1	0.27	BDL	3.80	0.92	0.11	BDL	0.67
Non Magnetic	15.5	77.9	24.8	35.3	1.86	0.88	0.01	19.50	3.24	0.44	0.05	3.03
Total/Calc Head	19.9	100.0	32.2	29.9	1.47	0.75		16.03	2.73	0.37		2.51

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	40.0	8.1	1.5	8.0		7.5	6.6		5.9
Non Magnetic	60.0	91.9	98.5	92.0		92.5	93.4		94.1

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic	80.2	0.74		
Non Magnetic			34.4	1.64

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057
Client: Ore Pro
Davis Tube Separation: 40056



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	
Magnetic	1.7	8.7	62.1	7.76	0.69	0.36			-0.29	0.77	0.12	0.03	0.91
Non Magnetic	17.8	91.3	19.0	33.8	14.8	0.2	0.08		5.58	2.52	1.96	0.43	9.59
Total/Calc Head	19.5	100.0	22.8	31.5	13.57	0.21	0.07		5.07	2.37	1.80		8.83

Fraction	% Recovery									
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn	
Magnetic	23.8	2.1	0.4	14.7	0.0	2.8	0.6		0.9	
Non Magnetic	76.2	97.9	99.6	85.3	100.0	97.2	99.4		99.1	

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic	85.3	0.99		
Non Magnetic			26.9	0.37

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057
 Client: Ore Pro
 Davis Tube Separation: 40057



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
Magnetic	0.6	3.0	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS
Non Magnetic	19.2	97.0	22.6	41.4	0.07	0.05	BDL	8.34	7.72	4.55	0.03	3.68
Total/Calc Head	19.8	100.0										

Fraction	% Recovery									
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn	
Magnetic										
Non Magnetic										

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

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057

Client: Ore Pro

Davis Tube Separation: 40058



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
Magnetic	0	0.0										
Non Magnetic	19.9	100.0	5.51	76.6	9.34	BDL	0.03	1.64	0.83	0.11	2.58	0.15
Total/Calc Head	19.9	100.0	5.5	76.6	9.34		0.03	1.64	0.83	0.11	2.58	0.15

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic									
Non Magnetic	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic				
Non Magnetic			7.9	

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057

Client: Ore Pro

Davis Tube Separation: 40075



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
Magnetic	0	0.0										
Non Magnetic	19.9	100.0	22.0	33.3	14.7	0.37	0.05	7.55	1.96	1.46	1.20	5.77
Total/Calc Head	19.9	100.0	22.0	33.3	14.7	0.37	0.05	7.55	1.96	1.46	1.20	5.77

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic									
Non Magnetic	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic				
Non Magnetic			31.0	0.69

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057

Client: Ore Pro

Davis Tube Separation: 40076



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
Magnetic	0	0.0										
Non Magnetic	19.6	100.0	18.5	51	5.25	0.12	0.02	11.70	1.62	0.23	0.15	2.31
Total/Calc Head	19.6	100.0	18.5	51.0	5.25	0.12	0.02	11.70	1.62	0.23	0.15	2.31

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic									
Non Magnetic	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic				
Non Magnetic			26.3	0.22

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057

Client: Ore Pro

Davis Tube Separation: 40077



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
Magnetic	4.2	21.2	60.2	6.27	0.14	0.74	BDL	4.65	1.17	0.15	BDL	1.12
Non Magnetic	15.6	78.8	31.4	17	1.93	6.91	BDL	26.30	3.71	0.47	0.06	3.90
Total/Calc Head	19.8	100.0	37.5	14.7	1.55	5.60		21.71	3.17	0.40		3.31

Fraction	% Recovery									
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn	
Magnetic	34.0	9.0	1.9	2.8		7.8	7.9		7.2	
Non Magnetic	66.0	91.0	98.1	97.2		92.2	92.1		92.8	

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic	82.2	2.03		
Non Magnetic			36.3	12.92

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057
Client: Ore Pro
Davis Tube Separation: 40078



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
Magnetic	3.5	17.6	59.1	3.1	0.07	1.44	BDL	7.0	1.69	0.24	BDL	2.06
Non Magnetic	16.4	82.4	30.3	10.4	0.80	6.72	BDL	30.4	5.19	0.75	BDL	6.46
Total/Calc Head	19.9	100.0	35.4	9.1	0.67	5.79		26.3	4.57	0.66		5.69

Fraction	% Recovery									
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn	
Magnetic	29.4	6.0	1.8	4.4		6.5	6.4		6.4	
Non Magnetic	70.6	94.0	98.2	95.6		93.5	93.6		93.6	

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic	79.7	3.94		
Non Magnetic			35.0	12.56

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057
Client: Ore Pro
Davis Tube Separation: 40079



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
Magnetic	4.3	21.9	61.9	2.04	BDL	1.23	BDL	4.98	1.41	0.20	BDL	1.69
Non Magnetic	15.3	78.1	31.1	4.91	0.09	2.53	BDL	32.60	6.03	0.87	BDL	7.60
Total/Calc Head	19.6	100.0	37.9	4.3		2.24			5.02	0.72		6.30

Fraction	% Recovery									
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn	
Magnetic	35.9	10.5		12.0		6.2	6.1		5.9	
Non Magnetic	64.1	89.5		88.0		93.8	93.9		94.1	

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic	83.9	3.37		
Non Magnetic			41.3	4.73

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057
Client: Ore Pro
Davis Tube Separation: 40080



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
Magnetic	0.6	3.1	58.9	0.7	BDL	1.05	BDL	I/S	1.72	0.29	BDL	2.49
Non Magnetic	19.0	96.9	33.8	3.15	0.05	3.44	BDL	32.60	4.87	0.73	BDL	6.94
Total/Calc Head	19.6	100.0	34.6	3.1		3.37			4.77	0.72		6.80

Fraction	% Recovery									
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn	
Magnetic	5.2	0.7		1.0		1.1	1.2		1.1	
Non Magnetic	94.8	99.3		99.0		98.9	98.8		98.9	

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic	80.0	2.88		
Non Magnetic			44.1	6.43

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057
Client: Ore Pro
Davis Tube Separation: 40081



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
Magnetic	1.3	6.6	61.8	0.47	BDL	0.84	BDL	I/S	1.33	0.23	BDL	1.84
Non Magnetic	18.5	93.4	33.0	6.46	0.18	5.02	BDL	31.90	4.92	0.58	BDL	6.08
Total/Calc Head	19.8	100.0	34.9	6.1		4.75			4.68	0.56		5.80

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	11.6	0.5		1.2		1.9	2.7		2.1
Non Magnetic	88.4	99.5		98.8		98.1	97.3		97.9

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic	84.3	2.30		
Non Magnetic			41.0	9.38

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057
Client: Ore Pro
Davis Tube Separation: 40082



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
Magnetic	0.3	1.5	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS
Non Magnetic	19.2	98.5	32.0	11.4	0.66	1.63	BDL	29.60	4.61	0.49	BDL	5.20
Total/Calc Head	19.5	100.0										

Fraction	% Recovery									
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn	
Magnetic										
Non Magnetic										

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic				
Non Magnetic			43.7	3.05

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057
Client: Ore Pro
Davis Tube Separation: 40083



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
Magnetic	0	0.0										
Non Magnetic	19.7	100.0	29.0	24.2	2.06	6.28	BDL	23.80	2.89	0.45	BDL	3.65
Total/Calc Head	19.7	100.0	29.0	24.2	2.06	6.28		23.80	2.89	0.45		3.65

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic									
Non Magnetic	100.0	100.0	100.0	100.0		100.0	100.0		100.0

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic				
Non Magnetic			33.7	11.74

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057
Client: Ore Pro
Davis Tube Separation: 40084



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
Magnetic	0	0.0										
Non Magnetic	19.7	100.0	23.3	28.1	11.00	1.19	0.04	16.80	3.30	0.64	1.12	3.97
Total/Calc Head	19.7	100.0	23.3	28.1	11.00	1.19	0.04	16.80	3.30	0.64	1.12	3.97

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic									
Non Magnetic	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic				
Non Magnetic			31.8	2.22

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057
Client: Ore Pro
Davis Tube Separation: 40085



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
Magnetic	2.2	11.1	61.0	8.31	0.51	0.10	BDL	1.80	0.90	0.09	0.04	0.71
Non Magnetic	17.7	88.9	23.4	31.9	7.38	0.10	0.01	16.30	4.12	0.50	0.53	3.88
Total/Calc Head	19.9	100.0	27.6	29.3	6.62	0.10		14.70	3.76	0.45	0.48	3.53

Fraction	% Recovery									
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn	
Magnetic	24.5	3.1	0.9	11.1		2.6	2.2	0.9	2.2	
Non Magnetic	75.5	96.9	99.1	88.9		97.4	97.8	99.1	97.8	

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic	84.2	0.27		
Non Magnetic			33.3	0.19

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057
Client: Ore Pro
Davis Tube Separation: 40086



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
Magnetic	1.5	7.5	59.6	11.4	0.43	1.47	BDL	1.36	0.75	0.07	0.07	0.65
Non Magnetic	18.5	92.5	25.8	40.8	7.26	0.47	0.03	7.42	3.60	0.22	0.94	1.43
Total/Calc Head	20.0	100.0	28.3	38.6	6.75	0.55		6.97	3.39	0.21	0.87	1.37

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic	15.8	2.2	0.5	20.2		1.7	2.5	0.6	3.6
Non Magnetic	84.2	97.8	99.5	79.8		98.3	97.5	99.4	96.4

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic	80.4	4.03		
Non Magnetic			36.3	0.88

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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: 10057
Client: Ore Pro
Davis Tube Separation: 40087



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
Magnetic	0.0	0.0										
Non Magnetic	19.9	100.0	9.6	63.0	13.30	0.19	0.02	3.35	1.53	0.20	2.79	0.49
Total/Calc Head	19.9	100.0	9.6	63.0	13.30	0.19	0.02	3.35	1.53	0.20	2.79	0.49

Fraction	% Recovery								
	Fe	SiO ₂	Al ₂ O ₃	S	P	MgO	CaO	K ₂ O	Mn
Magnetic									
Non Magnetic	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Fraction	Calculated Solids Concentration - %			
	Fe ₃ O ₄	FeS	Fe ₂ O ₃	FeS ₂
Magnetic				
Non Magnetic			13.5	0.36

Note: Fe₃O₄ calculated from the iron assay (minus the calculated iron reported as FeS₂) in the magnetic fraction

Note: FeS 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