Sept 17, 2008

Frank Marasco
West High Yield Resources
P.O Box 68121
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Dear Mr. Marasco,

Please find attached the final report of the results from the tests on the West High Yield Resources composite sample, received from Assayer's Canada, on June 6, 2008.

Please feel free to contact us if you have any questions.

Sincerely,

Alex Lum,. P.Eng.
Metallurgical Engineer

Magnesium Recovery from WHY Samples, Report

Prepared for:

West High Yield Resources
P.O Box 68121
Calgary, Alberta
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Ph. 403.283-5555
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Attn: Frank Marasco

Prepared by:

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Project Number: MS1103

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President

Sept 17, 2008

Note: This report refers to the samples as received. The information contained in this report is provided 'as is' without warranty of any kind with respect to the interpretation and use of the data by the client.

1.0 BACKGROUND

Met-Solve received a bag of mineral samples, weighing approximately 12 kg, from Assayer's Canada, on June 6, 2008. According to Assayer's Canada, the sample is composed of:

3 kg of sample labeled 42844
4 kg of sample labeled 42845
4 kg of sample labeled 42846
1 kg of sample labeled 42847

The samples were subjected to sulfuric acid and hydrochloric acid leaches to determine the magnesium recovery that can be achieved and the corresponding acid consumption. Some of the acid leaches were done on the tails samples generated from flotation, magnetic separation, and gravity concentration tests.

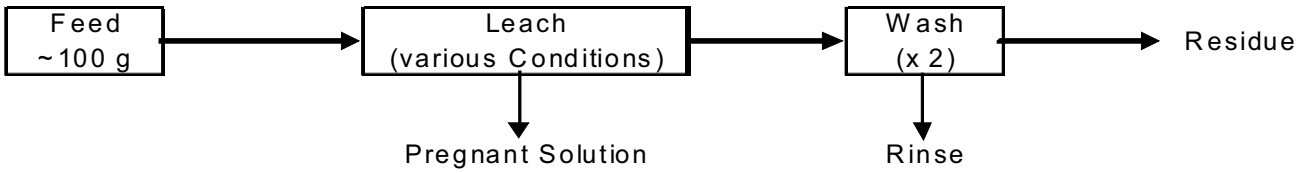
2.0 METHODOLOGY

The composite sample was ground to a P80 size of 56 µm using a lab scale rod mill, with 24 stainless steel rods, at a slurry pulp density of 40-50%. See back of appendix for particle size analysis, tests XE112. The as received material had a P80 of 2.5 mm (see appendix, test XE111).

3. 0 SULFURIC ACID LEACHING

The ground samples were put through sulfuric acid and hydrochloric acid leach tests at ambient and elevated temperatures. Leach tests were also done on the tails from Falcon gravity and float tests (see sections 5.0 and 6.0). The samples were leached at a pulp density of 10-15 weight% solids for two hours. The sulfuric and hydrochloric acids were added as 95-98% w/w% and 36.5-38% w/w% respectively, which correspond to typical industrial grades. For these tests, acid was added as required to maintain **pH 1**. Subsamples were taken every half hour to monitor the kinetics. The concentrations of the subsamples are presented in the leach test reports for each individual test with corresponding extraction of various elements.

The detailed results of each leach test are summarized in the appendix. The following diagram illustrates the procedure used for each test.



The two tables below summarize the key results of the first set of acid tests. The weight loss of solids refers to the change in weight from the feed to the residue. Note that 1 g/l is equal to 1,000 ppm.

Table 1: Sulfuric Acid Leach Summary

Date	Test	Feed	Temp (°C)	Solids Wt Loss (%)	Acid used (kg/t)*	Leached Mg (%)	Preg [Mg] (g/l)	Leached Ni (%)	Leached Fe (%)
6/12/2008	XE103	Ground head	30-47	19.1%	396	41.8%	16.5	27.8%	32.4%
6/13/2008	XE105	Float tail	24-30	20.2%	397	34.4%	13.4	21.4%	29.6%
6/17/2008	XE107	Falcon tail	24-34	22.5%	458	41.1%	17.0	28.8%	34.8%
6/18/2008	XE109	Ground head	70	46.0%	974	84.5%	44.6	44.2%	62.6%

*95-98% H2SO4

Table 2: Hydrochloric Acid leach Summary

Date	Test	Feed	Temp (°C)	Solids Wt Loss (%)	Acid used (kg/t)**	Leached Mg (%)	Preg [Mg] (g/l)	Leached Ni (%)	Leached Fe (%)
6/12/2008	XE104	Ground head	25-38	9.9%	317	18.5%	6.2	15.9%	13.7%
6/13/2008	XE106	Float tail	19-23	10.8%	389	16.3%	6.6	13.8%	19.1%
6/17/2008	XE108	Falcon tail	22-24	11.7%	367	19.3%	7.4	20.6%	19.4%
6/18/2008	XE110	Ground head	70	21.1%	723	39.4%	17.6	28.4%	26.0%

**36.5-38.0% HCl

At pH 1, the response of magnesium leaching was better with sulfuric acid than with hydrochloric acid. Note that each kg of industrial grade sulfuric acid has 19.7 moles of hydrogen ions compared to 10.2 moles for hydrochloric acid. Based on the amount of acid used, the sulfuric acid tests had more than double the amount of acid added as compared to the corresponding hydrochloric acid test.

Increasing temperature significantly increases magnesium extraction.

The highest magnesium recovery occurred from leaching with sulfuric acid at 70°C, test XE109. The leach report shows that the concentration of magnesium rises to 25.6 g/l within the first 30

minutes. The acid consumption up to this point was 702 kg/tonne. The slurry was still consuming acid at the end of the test (two hours), so higher magnesium recovery may have been achieved by increasing acid addition and/or increasing leaching time.

To better understand this increasing recovery, another leach test, XE117, was done at 70°C, with incremental acid addition to determine the magnesium recovery as a function of acid addition. There is a definite increase in magnesium recovery with increasing acid addition. The following table shows the magnesium going into solution as a function of acid addition.

Table 3: Magnesium Recovery as a Function of Sulfuric Acid

Acid kg/tonne	Mg Tenor (g/l)	Leached Mg (%)
102	2.9	6.8%
300	7.9	18.9%
500	11.7	28.0%
705	26.2	62.7%
903	33.5	80.1%

These results are plotted in the appendix.

4.0 SULFURIC ACID LEACH OF MAGNETIC SEPARATION TAILS

The next leach test, XE116, was done under similar conditions to XE109 (70°C sulfuric acid), to test the response of the magnetic separation tails (non magnetic component), see next section. The following table compares the results of the two leaches. Note that 10,000 ppm equals 1%.

Table 4: Comparing Sulfuric Acid Leach on Non Magnetic Tail and Ore

Test Feed	XE116 Mag Sep Tails	XE109 Ore
Acid Consumption (kg/tonne)	980	974
%Wt Loss (feed to residue wt change)	43.3	46.0
Amount Mg into solution (%)	**93.2**	**84.5**
Mg in feed (ppm)	409,008	312,665
Mg in residue (ppm)	55,900	89,400
Amount Ni into solution (%)	**69.4**	**44.2**
Ni in feed (ppm)	2,695	2,830
Ni in residue (ppm)	1,663	2,923
Amount Fe into solution (%)	**84.4**	**62.6**
Fe in feed (ppm)	66,012	63,547
Fe in residue (ppm)	20,750	44,000
Amount Mn into solution (%)	**94.9**	**84.3**
Mn in feed (ppm)	1,737	1,338
Mn in residue (ppm)	178	388

Both tests used similar amounts of acid. The test on the magnetic separation tails provided higher metal recovery and significantly lower metal values in the leach residue. Note that the magnetic separation increased the grade of the magnesium which likely contributed to the leach test results.

5.0 MAGNETIC SEPARATION AND FLOTATION

The results of the magnetic separation test are summarized in the Appendix (test XE114). The magnetic separation test was conducted using a Sala Wet Magnetic Drum Separator.

The three stages, rougher and two scavengers, removed 27.5% of the mass, which recovered 55.2% of the magnetite (Fe_3O_4), 39.7% of the nickel and 67.3% of the chromium from the feed. From the calculated head, the magnesium, in the tails, had been upgraded from 31.3% to 40.9% (see table 4). Figure 1 shows the products from the magnetic separation test.

Figure 1: View of the different magnetic separation product. Note the darker colour of the rougher and scavenger 1.

A flotation test was done to try to clean the iron and nickel from the magnesium ore. No significant separation was noted. The detailed results are summarized in the appendix, test XE102.

6.0 GRAVITY CONCENTRATION.

Two high mass yield gravity tests (Falcon C-Machine simulation) were done on the ground head sample. The first test, XE101, was done primarily to determine if the denser minerals (principally nickel, iron and chromium), could be recovered into a separate concentrate thus leaving a cleaned magnesium ore tail. The gravity test recovered 5.8% of the nickel and 8.3% of the iron and 28.4% of the chromium into 3.9% of the feed mass. Only the chromium showed significant upgrading in the concentrate.

This test also had unexpectedly high gold grades, which may have been due to contamination. The Falcon Gravity test was repeated; test XE113 was run with the samples ground to a P80 of 103 µm. The results are shown in Table 5.

Table 5: Falcon Gravity Gold Recover

Products	Weight		Au	
	(g)	(%)	ppm	%Dist
SB40 Pan Concentrate 1	**95.4**	**3.41**	1.19	**49.6**
SB40 Pan Concentrate 2	**123.4**	**4.41**	0.20	**10.8**
SB40 PanConcentrate 3	**92.2**	**3.29**	0.29	**11.7**
SB40 Pan Concentrate 4	**91.5**	**3.27**	0.12	**4.8**
SB40 Pan Concentrate 5	**76.8**	**2.74**	0.07	**2.4**
SB40 Pan Tail 5	**50.8**	**1.81**	0.04	**0.9**
Total SB40 Concentrate	**530.1**	**18.93**	**0.35**	**80.2**
SB40 Tails	2,269.9	81.07	0.02	19.8
Calculated Head	**2,800.0**	**100.00**	**0.08**	**100.0**
Assayed Head			**0.01**	

The results indicate that very little gold is present in the sample (0.08 g/t), but the gold present was readily recovered via Falcon Gravity test. The detailed results are summarized in the Appendix, XE113.

7. 0 CONTINUED TESTING

The next set of tests will be done on new samples with emphasis on hydrochloric acid leaching to prepare magnesium chloride.

APPENDICES

MET-SOLVE LABORATORIES INC.

LEACH TEST REPORT

Client: West High Yield Resources **Date:** 12-Jun-08
Test: XE103 **Project:** MS1103
Sample: Composite from Assayer Canada ground to 56 µm

pH 1 Sulfuric Acid Leach
Total Acid consumption 396 kg/tonne

Products	Vol or Weight	Assay (ppm)		Distribution (%)	
		Mg	Ni	Mg	Ni
30 min sample	**5.0 ml**	11,700	87	**0.2**	**0.2**
60 min sample	**6.0 ml**	12,700	89	**0.3**	**0.2**
90 min sample	**8.0 ml**	11,900	80	**0.3**	**0.2**
Filtrate	**660.0 ml**	16,500	107	**37.9**	**25.3**
Acid Rinse	**156.0 ml**	4,501	29	**2.4**	**1.6**
Water Rinse	**157.0 ml**	1,070	6	**0.6**	**0.4**
Residue	**82.77 g**	202,000	2,433	**58.2**	**72.2**
Calculated Head		**280,641**	**2,727**	**100.0**	**100.0**
Assayed Head	**102.30 g**	241,000	2,467		

Products	Vol or Weight	Assay (ppm)		Distribution (%)	
		Fe	Mn	Fe	Mn
30 min sample	**5.0 ml**	2,339	103	**0.2**	**0.4**
60 min sample	**6.0 ml**	2,470	104	**0.2**	**0.4**
90 min sample	**8.0 ml**	2,294	94	**0.3**	**0.5**
Filtrate	**660.0 ml**	3,052	119	**29.5**	**55.6**
Acid Rinse	**156.0 ml**	840	29	**1.9**	**3.2**
Water Rinse	**157.0 ml**	117	4	**0.3**	**0.5**
Residue	**82.77 g**	55,700	672	**67.6**	**39.4**
Calculated Head		**66,656**	**1,381**	**100.0**	**100.0**
Assayed Head	**102.30 g**	53,700	1,080		

MET-SOLVE LABORATORIES INC.

LEACH TEST REPORT

Client: West High Yield Resources **Date:** 13-Jun-08
Test: XE105 **Project:** MS1103
Sample: Float Tail from XE102

pH 1 Sulfuric Acid Leach
Total Acid consumption 397 kg/tonne

Products	Vol or Weight	Assay (ppm)		Distribution (%)	
		Mg	Ni	Mg	Ni
30 min sample	**14.5 ml**	10,300	96	**0.6**	**0.6**
60 min sample	**12.6 ml**	10,300	73	**0.5**	**0.4**
90 min sample	**13.0 ml**	11,500	73	**0.6**	**0.4**
Filtrate	**590.0 ml**	13,400	77	**29.2**	**18.2**
Acid Rinse	**160.0 ml**	4,924	25	**2.9**	**1.6**
Water Rinse	**180.0 ml**	999	5	**0.7**	**0.3**
Residue	**80.60 g**	220,000	2,442	**65.6**	**78.6**
Calculated Head		**267,613**	**2,480**	**100.0**	**100.0**
Assayed Head	**101.02 g**	250,000	2,433		

Products	Vol or Weight	Assay (ppm)		Distribution (%)	
		Fe	Mn	Fe	Mn
30 min sample	**14.5 ml**	2,366	102	**0.6**	**1.1**
60 min sample	**12.6 ml**	2,228	93	**0.5**	**0.9**
90 min sample	**13.0 ml**	2,398	98	**0.5**	**0.9**
Filtrate	**590.0 ml**	2,654	105	**25.4**	**45.6**
Acid Rinse	**160.0 ml**	837	31	**2.2**	**3.6**
Water Rinse	**180.0 ml**	183	5	**0.5**	**0.6**
Residue	**80.60 g**	53,900	797	**70.4**	**47.2**
Calculated Head		**61,084**	**1,346**	**100.0**	**100.0**
Assayed Head	**101.02 g**	52,200	1,152		

MET-SOLVE LABORATORIES INC.

LEACH TEST REPORT

Client: West High Yield Resources **Date:** 17-Jun-08
Test: XE107 **Project:** MS1103
Sample: Falcon Tail from XE101

pH 1 Sulfuric Acid Leach
Total Acid Consumption 458 kg/tonne

Products	Vol or Weight	Assay (ppm)		Distribution (%)	
		Mg	Ni	Mg	Ni
30 min sample	**8.0 ml**	12,100	102	**0.3**	**0.3**
60 min sample	**11.0 ml**	13,800	107	**0.5**	**0.4**
90 min sample	**13.0 ml**	15,500	113	**0.7**	**0.5**
Filtrate	**560.0 ml**	17,000	116	**32.7**	**23.4**
Acid Rinse	**126.0 ml**	12,700	78	**5.5**	**3.5**
Water Rinse	**198.0 ml**	2,043	9	**1.4**	**0.7**
Residue	**82.20 g**	209,000	2,411	**58.9**	**71.2**
Calculated Head		**275,044**	**2,627**	**100.0**	**100.0**
Assayed Head	**106.00 g**	243,000	2,547		

Products	Vol or Weight	Assay (ppm)		Distribution (%)	
		Fe	Mn	Fe	Mn
30 min sample	**8.0 ml**	2,626	107	**0.3**	**0.6**
60 min sample	**11.0 ml**	2,870	115	**0.5**	**0.9**
90 min sample	**13.0 ml**	3,132	116	**0.6**	**1.1**
Filtrate	**560.0 ml**	3,177	114	**27.9**	**46.6**
Acid Rinse	**126.0 ml**	2,360	78	**4.7**	**7.2**
Water Rinse	**198.0 ml**	276	8	**0.9**	**1.1**
Residue	**82.20 g**	50,600	708	**65.2**	**42.5**
Calculated Head		**60,222**	**1,292**	**100.0**	**100.0**
Assayed Head	**106.00 g**	48,000	1,124		

MET-SOLVE LABORATORIES INC.

LEACH TEST REPORT

Client: West High Yield Resources **Date:** 18-Jun-08
Test: XE109 **Project:** MS1103
Sample: Composite from Assayer Canada ground to 56 µm

70°C pH 1 Sulfuric Acid Leach
Total Acid Consumption 974 kg/tonne

Products	Vol or Weight	Assay (ppm)		Distribution (%)	
		Mg	Ni	Mg	Ni
30 min sample	**8.0 ml**	25,600	132	**0.7**	**0.4**
60 min sample	**5.0 ml**	27,200	136	**0.4**	**0.2**
90 min sample	**5.0 ml**	31,000	150	**0.5**	**0.3**
Preg Sol	**535.0 ml**	44,600	209	**76.2**	**39.5**
Acid Rinse	**340.0 ml**	6,020	31	**6.5**	**3.7**
Water Rinse	**580.0 ml**	114	1	**0.2**	**0.1**
Residue	**54.11 g**	89,400	2,923	**15.5**	**55.8**
Calculated Head		**312,665**	**2,830**	**100.0**	**100.0**
Assayed Head	**100.13 g**	241,000	2,467		

Products	Vol or Weight	Assay (ppm)		Distribution (%)	
		Fe	Mn	Fe	Mn
30 min sample	**8.0 ml**	4,144	134	**0.5**	**0.8**
60 min sample	**5.0 ml**	4,260	132	**0.3**	**0.5**
90 min sample	**5.0 ml**	4,729	140	**0.4**	**0.5**
Preg Sol	**535.0 ml**	6,663	188	**56.0**	**75.2**
Acid Rinse	**340.0 ml**	987	28	**5.3**	**7.1**
Water Rinse	**580.0 ml**	7	1	**0.1**	**0.2**
Residue	**54.11 g**	44,000	388	**37.4**	**15.7**
Calculated Head		**63,547**	**1,338**	**100.0**	**100.0**
Assayed Head	**100.13 g**	53,700	1,080		

MET-SOLVE LABORATORIES INC.

LEACH TEST REPORT

Client: West High Yield Resources **Date:** 12-Jun-08
Test: XE104 **Project:** MS1103
Sample: Composite from Assayer Canada

pH 1 Hydrochloric Acid Leach
Total Acid consumption 317 kg/tonne

Products	Vol or Weight	Assay (ppm)		Distribution (%)	
		Mg	Ni	Mg	Ni
30 min sample	**10.0 ml**	6,780	74	**0.3**	**0.3**
60 min sample	**12.0 ml**	4,949	51	**0.2**	**0.2**
90 min sample	**10.0 ml**	6,730	66	**0.3**	**0.2**
Filtrate	**655.0 ml**	6,180	60	**16.2**	**14.2**
Acid Rinse	**165.0 ml**	1,911	14	**1.3**	**0.9**
Water Rinse	**174.0 ml**	419	2	**0.3**	**0.1**
Residue	**90.92 g**	224,000	2,552	**81.5**	**84.1**
Calculated Head		**247,737**	**2,734**	**100.0**	**100.0**
Assayed Head	**100.90 g**	241,000	2,467		

Products	Vol or Weight	Assay (ppm)		Distribution (%)	
		Fe	Mn	Fe	Mn
30 min sample	**10.0 ml**	1,500	89	**0.2**	**0.7**
60 min sample	**12.0 ml**	1,061	62	**0.2**	**0.6**
90 min sample	**10.0 ml**	1,443	81	**0.2**	**0.6**
Filtrate	**655.0 ml**	1,292	70	**12.1**	**37.1**
Acid Rinse	**165.0 ml**	371	17	**0.9**	**2.3**
Water Rinse	**174.0 ml**	51	2	**0.1**	**0.3**
Residue	**90.92 g**	66,600	797	**86.3**	**58.3**
Calculated Head		**69,510**	**1,231**	**100.0**	**100.0**
Assayed Head	**100.90 g**	53,700	1,080		

MET-SOLVE LABORATORIES INC.

LEACH TEST REPORT

Client: West High Yield Resources **Date:** 13-Jun-08
Test: XE106 **Project:** MS1103
Sample: Float Tails from XE102

pH 1 Hydrochloric Acid Leach
Total Acid consumption 389 kg/tonne

Products	Vol or Weight	Assay (ppm)		Distribution (%)	
		Mg	Ni	Mg	Ni
30 min sample	**10.0 ml**	4,719	43	**0.2**	**0.2**
60 min sample	**15.0 ml**	5,330	44	**0.3**	**0.3**
90 min sample	**13.0 ml**	6,240	49	**0.3**	**0.3**
Filtrate	**600.0 ml**	6,610	49	**15.5**	**11.6**
Acid Rinse	**120.0 ml**	0	26	**0.0**	**1.3**
Water Rinse	**170.0 ml**	0	4	**0.0**	**0.3**
Residue	**90.10 g**	238,000	2,413	**83.7**	**86.2**
Calculated Head		**253,519**	**2,496**	**100.0**	**100.0**
Assayed Head	**101.05 g**	250,000	2,433		

Products	Vol or Weight	Assay (ppm)		Distribution (%)	
		Fe	Mn	Fe	Mn
30 min sample	**10.0 ml**	1,315	59	**0.2**	**0.5**
60 min sample	**15.0 ml**	1,371	62	**0.4**	**0.7**
90 min sample	**13.0 ml**	1,509	68	**0.3**	**0.7**
Filtrate	**600.0 ml**	1,466	67	**15.4**	**32.0**
Acid Rinse	**120.0 ml**	1,064	36	**2.2**	**3.4**
Water Rinse	**170.0 ml**	179	5	**0.5**	**0.7**
Residue	**90.10 g**	51,200	856	**80.9**	**61.9**
Calculated Head		**56,447**	**1,233**	**100.0**	**100.0**
Assayed Head	**101.05 g**	52,200	1,152		

MET-SOLVE LABORATORIES INC.

LEACH TEST REPORT

Client: West High Yield Resources **Date:** 17-Jun-08
Test: XE108 **Project:** MS1103
Sample: Falcon Tails from XE101

pH 1 Hydrochloric Acid Leach
Total Acid consumption 367 kg/tonne

Products	Vol or Weight	Assay (ppm)		Distribution (%)	
		Mg	Ni	Mg	Ni
30 min sample	**15.0 ml**	4,772	66	**0.3**	**0.4**
60 min sample	**15.0 ml**	5,870	74	**0.3**	**0.4**
90min sample	**15.0 ml**	6,080	73	**0.3**	**0.4**
Filtrate	**580.0 ml**	7,380	80	**16.1**	**17.3**
Acid Rinse	**162.0 ml**	3,264	32	**2.0**	**1.9**
Water Rinse	**166.0 ml**	526	3	**0.3**	**0.2**
Residue	**91.44 g**	235,000	2,333	**80.7**	**79.4**
Calculated Head		**257,101**	**2,595**	**100.0**	**100.0**
Assayed Head	**103.60 g**	243,000	2,547		

Products	Vol or Weight	Assay (ppm)		Distribution (%)	
		Fe	Mn	Fe	Mn
30 min sample	**15.0 ml**	1,320	60	**0.3**	**0.7**
60 min sample	**15.0 ml**	1,502	69	**0.4**	**0.8**
90min sample	**15.0 ml**	1,478	68	**0.4**	**0.8**
Filtrate	**580.0 ml**	1,543	76	**15.5**	**34.8**
Acid Rinse	**162.0 ml**	886	31	**2.5**	**3.9**
Water Rinse	**166.0 ml**	121	3	**0.3**	**0.4**
Residue	**91.44 g**	51,000	813	**80.6**	**58.5**
Calculated Head		**55,856**	**1,226**	**100.0**	**100.0**
Assayed Head	**103.60 g**	48,000	1,124		

MET-SOLVE LABORATORIES INC.

LEACH TEST REPORT

Client: West High Yield Resources **Date:** 18-Jun-08
Test: XE110 **Project:** MS1103
Sample: Composite from Assayer Canada ground to 56 µm

70°C pH 1 Hydrochloric Acid Leach
Total Acid consumption 723 kg/tonne

Products	Vol or Weight	Assay (ppm)		Distribution (%)	
		Mg	Ni	Mg	Ni
30 min sample	**8.0 ml**	7,020	71	**0.2**	**0.2**
60 min sample	**5.0 ml**	9,330	82	**0.2**	**0.1**
90 min sample	**5.0 ml**	14,200	108	**0.3**	**0.2**
Filtrate	**550.0 ml**	17,600	130	**35.8**	**25.5**
Acid Rinse	**280.0 ml**	2,684	22	**2.8**	**2.2**
Water Rinse	**440.0 ml**	103	1	**0.2**	**0.1**
Residue	**79.38 g**	206,000	2,534	**60.6**	**71.6**
Calculated Head		**268,499**	**2,792**	**100.0**	**100.0**
Assayed Head	**100.57 g**	241,000	2,467		

Products	Vol or Weight	Assay (ppm)		Distribution (%)	
		Fe	Mn	Fe	Mn
30 min sample	**8.0 ml**	940	77	**0.1**	**0.5**
60 min sample	**5.0 ml**	1,262	87	**0.1**	**0.3**
90 min sample	**5.0 ml**	1,862	110	**0.2**	**0.4**
Filtrate	**550.0 ml**	2,401	123	**23.5**	**53.1**
Acid Rinse	**280.0 ml**	411	21	**2.0**	**4.5**
Water Rinse	**440.0 ml**	7	1	**0.1**	**0.2**
Residue	**79.38 g**	52,500	657	**74.0**	**40.9**
Calculated Head		**55,974**	**1,267**	**100.0**	**100.0**
Assayed Head	**100.57 g**	53,700	1,080		

MET-SOLVE LABORATORIES INC.

LEACH TEST REPORT

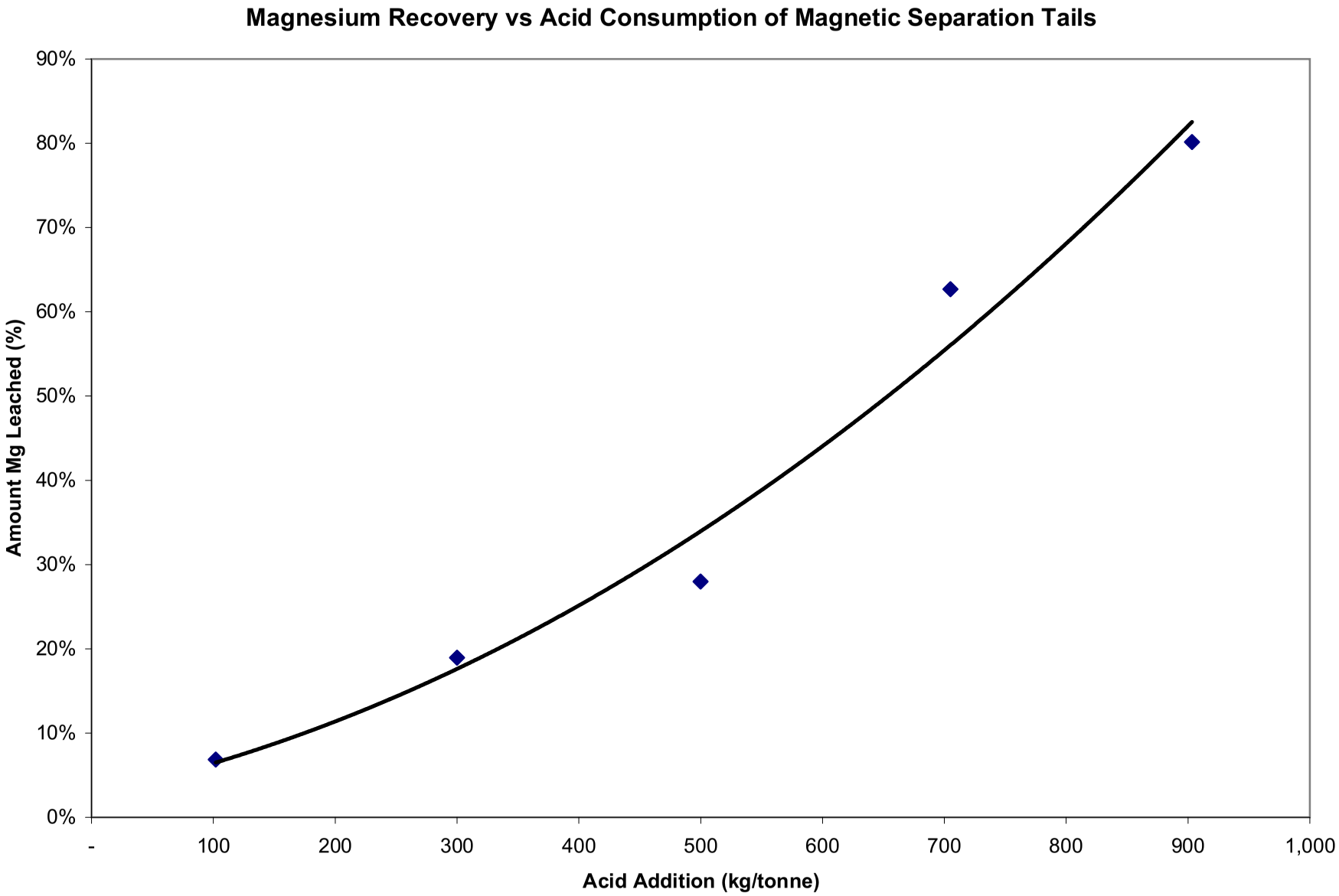
Client: West High Yield Resources **Date:** 30-Jul-08
Test: XE117 **Project:** MS1103
Sample: Magnetic separation Tails ground to 56 µm

70°C Sulfuric Acid Leach
Total Acid Consumption 903 kg/tonne

Purpose: to leach the magneitic separation tails at 70°C with increasing acid level to estimate magnesium recovery as a function of acid consumption.

Products	Vol or Weight	Assay (ppm)		Distribution (%)	
		Mg	Ni	Mg	Ni
30 min: 100 kg/t acid, pH 4	**3.9 ml**	2,863	33	**0.0**	**0.0**
60 min: 300 kg/t acid, pH1.8	**4.5 ml**	7,920	65	**0.1**	**0.1**
90 min: 500 kg/t acid, pH 1.3	**2.5 ml**	11,700	82	**0.1**	**0.1**
120 min: 700 kg/t acid pH 1.2	**4.0 ml**	26,200	153	**0.3**	**0.2**
Preg Sol: 900 kg/t acid pH 1.1	**880.0 ml**	33,500	180	**78.8**	**59.7**
Acid Rinse	**505.0 ml**	1,620	10	**2.2**	**1.9**
Water Rinse	**224.0 ml**	203	1	**0.1**	**0.1**
Residue	**56.73 g**	121,300	1,765	**18.4**	**37.8**
Calculated Head		**373,796**	**2,646**	**100.0**	**100.0**
Assayed Head	**100.07 g**	232,000	1,872		

Products	Vol or Weight	Assay (ppm)		Distribution (%)	
		Fe	Mn	Fe	Mn
30 min: 100 kg/t acid, pH 4	**3.9 ml**	63	35	**0.0**	**0.1**
60 min: 300 kg/t acid, pH1.8	**4.5 ml**	884	62	**0.1**	**0.2**
90 min: 500 kg/t acid, pH 1.3	**2.5 ml**	1,794	76	**0.1**	**0.1**
120 min: 700 kg/t acid pH 1.2	**4.0 ml**	4,114	144	**0.3**	**0.0**
Preg Sol: 900 kg/t acid pH 1.1	**880.0 ml**	5,102	163	**73.9**	**86.3**
Acid Rinse	**505.0 ml**	196	7	**1.6**	**2.1**
Water Rinse	**224.0 ml**	22	1	**0.1**	**0.1**
Residue	**56.73 g**	25,700	325	**24.0**	**11.1**
Calculated Head		**60,725**	**1,656**	**100.0**	**100.0**
Assayed Head	**100.07 g**	56,900	968		


Magnesium Recovery vs Acid Consumption of Magnetic Separation Tails
Amount Mg Leached (%)
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
-
100
200
300
400
500
600
700
800
900
1,000
Acid Addition (kg/tonne)

MET-SOLVE LABORATORIES INC.

LEACH TEST REPORT

Client: West High Yield Resources **Date:** 29-Jul-08
Test: XE116 **Project:** MS1103
Sample: Magnetic separation Tails ground to 56 µm

70°C pH 1 Sulfuric Acid Leach
Total Acid Consumption 980 kg/tonne

Purpose: to repeat the 70°C pH 1 sulfuric acid leach on the tails from magnetic separation and determine if cleaning the ore by removing some magnetic components improves leaching results.

Products	Vol or Weight	Assay (ppm)		Distribution (%)	
		Mg	Ni	Mg	Ni
30 min sample	**2.0 ml**	17,700	101	**0.1**	**0.1**
60 min sample	**2.5 ml**	30,600	158	**0.2**	**0.1**
90 min sample	**2.3 ml**	35,900	183	**0.2**	**0.2**
Preg Sol	**930.0 ml**	41,300	201	**90.2**	**66.8**
Acid Rinse	**505.0 ml**	1,899	11	**2.3**	**2.0**
Water Rinse	**275.0 ml**	415	2	**0.3**	**0.2**
Residue	**51.68 g**	55,900	1,663	**6.8**	**30.6**
Calculated Head		**409,008**	**2,695**	**100.0**	**100.0**
Assayed Head	**104.07 g**	232,000	1,872		

Products	Vol or Weight	Assay (ppm)		Distribution (%)	
		Fe	Mn	Fe	Mn
30 min sample	**2.0 ml**	2,928	100	**0.1**	**0.1**
60 min sample	**2.5 ml**	4,648	146	**0.2**	**0.2**
90 min sample	**2.3 ml**	5,322	162	**0.2**	**0.2**
Preg Sol	**930.0 ml**	6,042	179	**81.8**	**92.1**
Acid Rinse	**505.0 ml**	267	8	**2.0**	**2.1**
Water Rinse	**275.0 ml**	52	1	**0.2**	**0.2**
Residue	**51.68 g**	20,750	178	**15.6**	**5.1**
Calculated Head		**66,012**	**1,737**	**100.0**	**100.0**
Assayed Head	**104.07 g**	56,900	968		

MET-SOLVE LABORATORIES INC.

MAGNETIC SEPARATION TEST REPORT

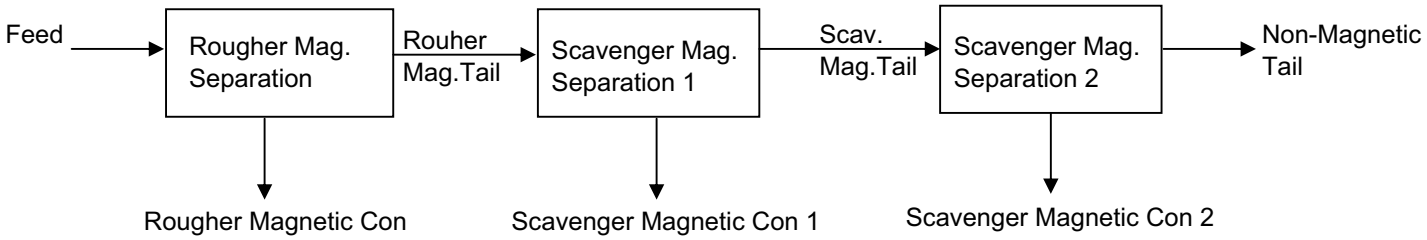
Client: WHY
Test: XE114
Sample: Composite from Assayer Canada

Date: 13-Aug-08
Project: MS1103

Products	Weight		Assay (g/t)		Distribution (%)	
	(g)	(%)	Mg	Cr	Mg	Cr
Rougher Magnetic Con	284.2	10.7	191,000	13,600	9.1	38.8
Scavenger Magnetic Con 1	247.0	9.3	210,000	9,300	8.7	23.0
Scavenger Magnetic Con 2	195.2	7.4	227,000	2,800	7.4	5.5
Non-Magnetic Tail	1,919.4	72.5	232,000	1,700	74.7	32.7
Calculated Head	**2,645.8**	**100.0**	**225,174**	**3,769**	**100.0**	**100.0**
Assayed Head			**241,000**	**6,490**		

Products	Weight		Assay (g/t)		Distribution (%)	
	(g)	(%)	Fe_3O_4	Fe	Fe_3O_4	Fe
Rougher Magnetic Con	284.2	10.7	211,400	177,500	32.8	25.1
Scavenger Magnetic Con 1	247.0	9.3	135,600	123,000	18.3	15.1
Scavenger Magnetic Con 2	195.2	7.4	38,300	56,500	4.1	5.5
Non-Magnetic Tail	1,919.4	72.5	42,800	56,900	44.8	54.3
Calculated Head	**2,645.8**	**100.0**	**69,240**	**75,995**	**100.0**	**100.0**
Assayed Head			**42,000**	**53,700**		

Products	Weight		Assay (g/t)		Distribution (%)	
	(g)	(%)	Ni	Mn	Ni	Mn
Rougher Magnetic Con	284.2	10.7	4,121	1,129	19.6	12.2
Scavenger Magnetic Con 1	247.0	9.3	3,289	1,025	13.6	9.7
Scavenger Magnetic Con 2	195.2	7.4	1,972	972	6.5	7.2
Non-Magnetic Tail	1,919.4	72.5	1,872	968	60.3	70.9
Calculated Head	**2,645.8**	**100.0**	**2,253**	**991**	**100.0**	**100.0**
Assayed Head			**2,467**	**1,080**		



Test Conditions	
Pulp Density:	30 %
Flowrate:	1500 mL/min

MET-SOLVE LABORATORIES INC.

FLOTATION TEST REPORT

Client: West High Yield Resources
Test: XE102
Sample: Composite from Assayers Canada ground to a P80 of 56µm

Date: 11-Jun-08
Project: MS1103

Objective: A flotation test was done to try to float the nickel, iron and sulfides out of the magnesium ore to produce a cleaner magnesium ore and a separate sulfide concentrate.

Products	Weight		Assay (%)		Distribution (%)		Cumulative Dist'n		
	(g)	(%)	Mg	S	Mg	S	Mass	Mg	S
Rougher Conc.	57.0	7.09	22.4	0.30	6.4	17.6	**7.1**	**6.4**	**17.6**
Scavenger Conc.	25.0	3.11	21.5	0.32	2.7	8.2	**10.2**	**9.1**	**25.8**
Tails	722.4	89.80	25.0	0.10	90.9	74.2	**100.0**	**100.0**	**100.0**
Calculated Head	**804.5**	**100.00**	**24.7**	**0.12**	100.0	100.0			
Assayed Head			24.1	0.07					

Products	Weight		Assay (%)		Distribution (%)		Cumulative Dist'n		
	(g)	(%)	Fe	Ni	Fe	Ni	Mass	Fe	Ni
Rougher Conc.	57.0	7.09	3.96	4,954	5.5	13.1	**7.1**	**5.5**	**13.1**
Scavenger Conc.	25.0	3.11	4.31	4,398	2.6	5.1	**10.2**	**8.1**	**18.3**
Tails	722.4	89.80	5.22	2,433	91.9	81.7	**100.0**	**100.0**	**100.0**
Calculated Head	**804.48**	**100.0**	**5.10**	**2,673**	100.0	100.0			
Assayed Head			5.37	2,467					

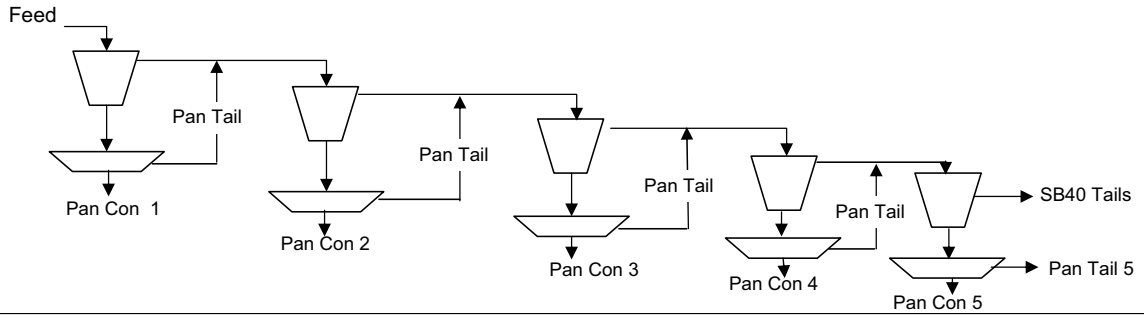
MET-SOLVE LABORATORIES INC.

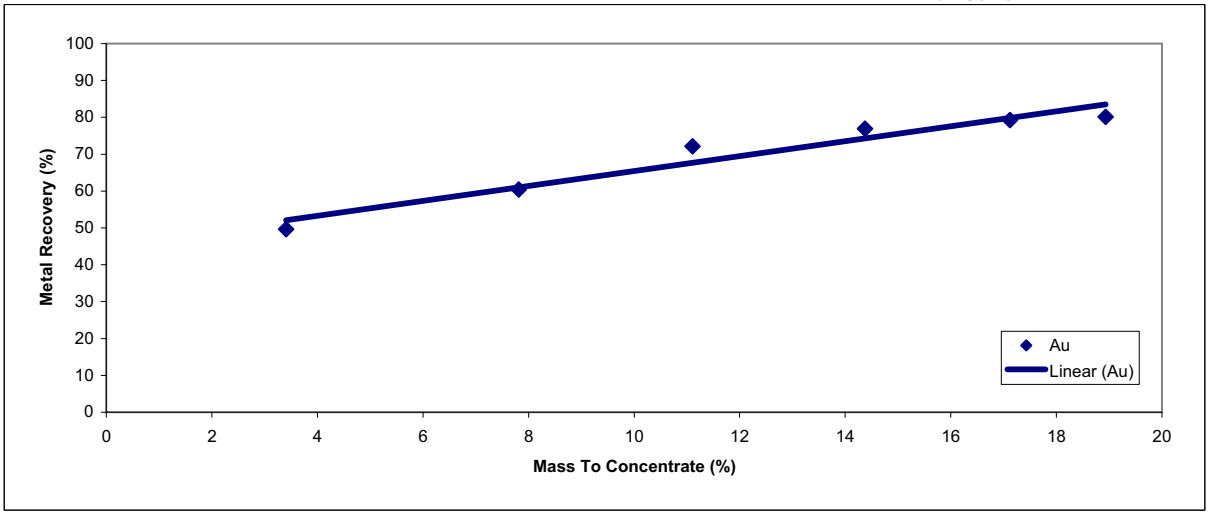
GRAVITY CONCENTRATION TEST REPORT

Client: West High Yield Resources
Date: 14-Jul-08
Test: XE113
Project: MS1103
Sample: Composite from Assayer Canada ground to a P80 of 103µm

Products	Weight		Assay (ppm)		Distribution (%)	
	(g)	(%)	Au	Ag	Au	Ag
SB40 Pan Concentrate 1	**95.4**	**3.41**	1.19	0.00	**49.6**	**0.0**
SB40 Pan Concentrate 2	**123.4**	**4.41**	0.20	0.00	**10.8**	**0.0**
SB40 PanConcentrate 3	**92.2**	**3.29**	0.29	0.00	**11.7**	**0.0**
SB40 Pan Concentrate 4	**91.5**	**3.27**	0.12	0.00	**4.8**	**0.0**
SB40 Pan Concentrate 5	**76.8**	**2.74**	0.07	0.00	**2.4**	**0.0**
SB40 Pan Tail 5	**50.8**	**1.81**	0.04	0.00	**0.9**	**0.0**
Total SB40 Concentrate	**530.1**	**18.93**	**0.35**	**0.00**	**80.2**	**0.0**
SB40 Tails	2,269.9	81.07	0.02	0.50	19.8	100.0
Calculated Head	**2,800.0**	**100.00**	**0.08**	**0.41**	**100.0**	**100.0**
Assayed Head			**0.01**	**0.10**		

Products	Weight		Assay (ppm)		Distribution (%)	
	(g)	(%)	Pt	Pd	Pt	Pd
SB40 Pan Concentrate 1	**95.4**	**3.41**	0.01	0.00	**43.6**	
SB40 Pan Concentrate 2	**123.4**	**4.41**	0.01	0.00	**56.4**	
SB40 PanConcentrate 3	**92.2**	**3.29**	0.00	0.00	**0.0**	
SB40 Pan Concentrate 4	**91.5**	**3.27**	0.00	0.00	**0.0**	
SB40 Pan Concentrate 5	**76.8**	**2.74**	0.00	0.00	**0.0**	
SB40 Pan Tail 5	**50.8**	**1.81**	0.00	0.00	**0.0**	
Total SB40 Concentrate	**530.1**	**18.93**	**0.00**	**0.00**	**100.0**	
SB40 Tails	2,269.9	81.07	0.00	0.00	0.0	
Calculated Head	**2,800.0**	**100.00**	**0.00**	**0.00**	**100.0**	
Assayed Head			**0.00**	**0.00**		





MetSolve Laboratories Inc.

PARTICLE SIZE ANALYSIS

Client: WHY Resources
Test: XE111
Sample: Head Sample as received from Assayer's Canada

Date: 16-Jun-08
Project: MS1103

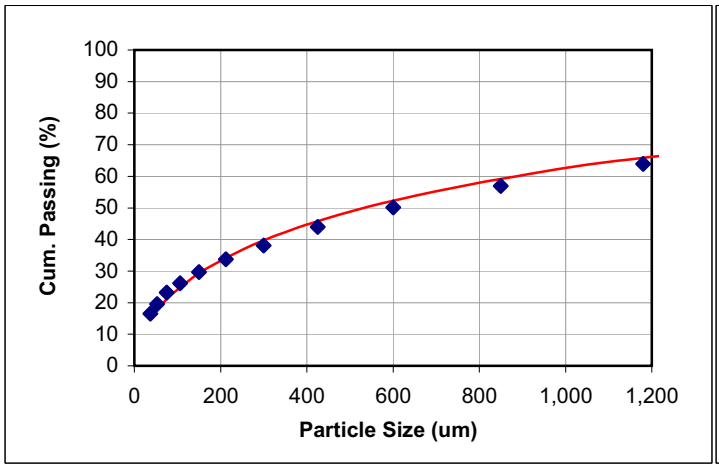
Sieve Size		Weight		Cummulative (%)	
Tyler Mesh	Microns	(g)	(%)	Retained	Passing
8	2,360	53.8	16.30	16.30	83.70
10	2,000	17.9	5.42	21.73	78.27
16	1,180	47.3	14.33	36.06	63.94
20	850	23.1	7.00	43.06	56.94
30	600	22.4	6.79	49.85	50.15
40	425	20.3	6.15	56.00	44.00
50	300	19.4	5.88	61.88	38.12
70	212	14.6	4.42	66.30	33.70
100	150	13.1	3.97	70.27	29.73
140	106	12.0	3.64	73.91	26.09
200	75	9.7	2.94	76.85	23.15
270	53	11.8	3.58	80.42	19.58
400	37	10.0	3.03	83.45	16.55
Undersize	-53	54.6	16.55	100.00	
	TOTAL:	330.0	100.0		

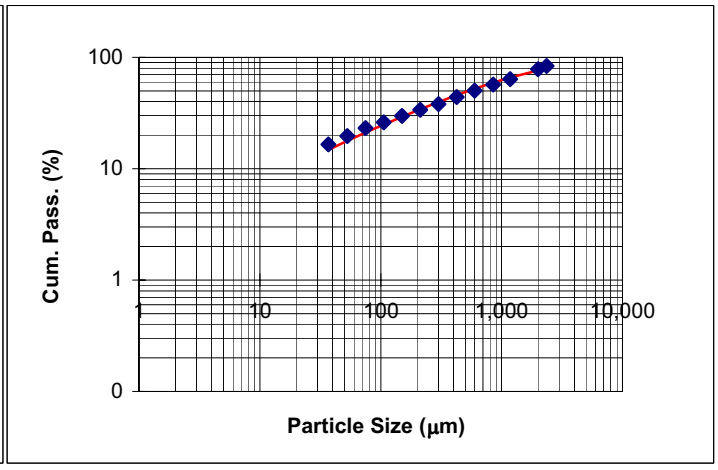
Rosin-Rammler Model

Size (um)	Passing P (%)
2468	80
532	50

Linear Interpolation

Size (um)	Passing P (%)
2115	80
596	50





MetSolve Laboratories Inc.

PARTICLE SIZE ANALYSIS

Client: WHY Resources
Test: XE112
Sample: Ground Head Sample

Date: 16-Jun-08
Project: MS1103

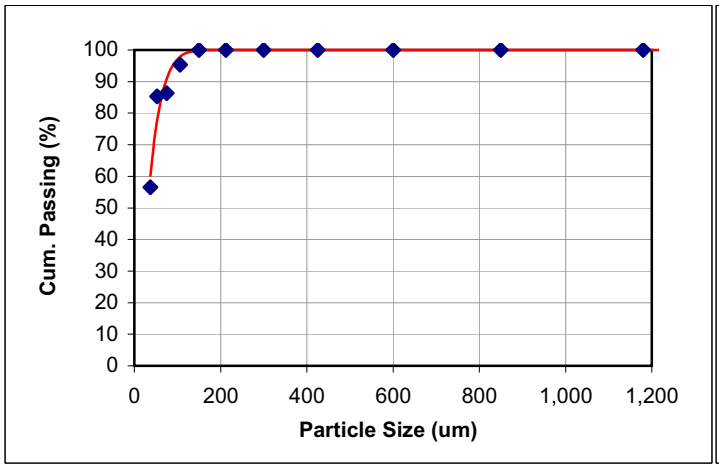
Sieve Size		Weight		Cummulative (%)	
Tyler Mesh	Microns	(g)	(%)	Retained	Passing
8	2,360	0.0			
10	2,000	0.0			
16	1,180	0.0			
20	850	0.0			
30	600	0.0			
40	425	0.0			
50	300	0.0			
70	212	0.0			
100	150	0.0			
140	106	9.0	4.67	4.67	95.33
200	75	17.4	9.02	13.69	86.31
270	53	1.9	0.98	14.67	85.33
400	37	55.6	28.82	43.49	56.51
Undersize	-53	109.0	56.51	100.00	
	TOTAL:	192.9	100.0		

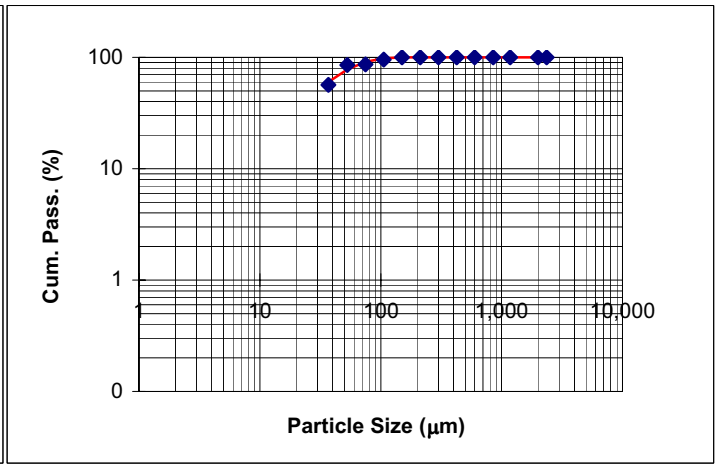
Rosin-Rammler Model

Size (um)	Passing P (%)
56	80
30	50

Linear Interpolation

Size (um)	Passing P (%)
50	80
27	50





MET-SOLVE LABORATORIES INC.

SIZE BY SIZE ASSAY

Client: WHY Resources
Test: XE112
Sample: Ground Head Sample to a P80 of 56 µm

Date: 16-Jun-08
Project: MS1103

Precious Metals		Weight		Mg		Fe		FE3O4		Cr	
Tyler Mesh	Microns	(g)	(%)	(%)	Dist'n (%)	(%)	Dist'n (%)	(%)	Dist'n (%)	(%)	Dist'n (%)
8	2360	0.0									
12	1,700	0.0									
16	1,180	0.0									
20	850	0.0									
30	600	0.0									
40	425	0.0									
50	300	0.0									
70	212	0.0									
100	150	0.0									
140	106	9.0	4.7	25.2	4.7	5.22	4.2	4.82	5.0	0.298	2.4
200	75	17.4	9.0	25.6	9.2	5.33	8.3	4.77	9.5	0.511	7.9
270	53	1.9	1.0	25.2	1.0	4.49	0.8	3.51	0.8	0.325	0.5
400	37	55.6	28.8	26.2	30.2	6.14	30.4	5.69	36.2	0.713	35.2
-400	-37	109.0	56.5	24.3	54.9	5.80	56.4	3.90	48.6	0.557	53.9
	NET:	192.9	100.0	25.0	100.0	5.82	100.0	4.53	100.0	0.583	100.0
	Assayed Head:										

Base Metals		Weight		SiO2		Ni		Mn		Co	
Tyler Mesh	Microns	(g)	(%)	(%)	Dist'n (%)	(ppm)	Dist'n (%)	(ppm)	Dist'n (%)	(ppm)	Dist'n (%)
8	2380	0.0									
10	1,680	0.0									
16	1,190	0.0									
20	840	0.0									
30	600	0.0									
40	425	0.0									
50	300	0.0									
70	212	0.0									
100	150	0.0									
140	106	9.0	4.7	39.8	4.8	2,479	4.5	1,082	4.5	91	4.4
200	75	17.4	9.0	38.5	9.0	2,455	8.5	1,095	8.8	92	8.6
270	53	1.9	1.0	29.7	0.8	2,252	0.9	1,073	0.9	81	0.8
400	37	55.6	28.8	37.8	28.1	2,454	27.3	1,119	28.8	96	28.7
-400	-37	109.0	56.5	39.3	57.3	2,703	58.9	1,125	56.9	98	57.5
	NET:	192.9	100.0	38.7	100.0	2,594	100.0	1,118	100.0	96	100.0
	Assayed Head:										

Other Elements		Weight		Cu		S		Zn		Ca	
Tyler Mesh	Microns	(g)	(%)	(ppm)	Dist'n (%)	(%)	Dist'n (%)	(ppm)	Dist'n (%)	(%)	Dist'n (%)
8	2380	0.0									
10	1,680	0.0									
16	1,190	0.0									
20	840	0.0									
30	600	0.0									
40	425	0.0									
50	300	0.0									
70	212	0.0									
100	150	0.0									
140	106	9.0	4.7	11	0.9	0.10	4.9	30	4.0	0.20	5.9
200	75	17.4	9.0	15	2.3	0.09	8.4	32	8.3	0.18	10.3
270	53	1.9	1.0	198	3.4	0.09	0.9	60	1.7	0.21	1.3
400	37	55.6	28.8	40	20.0	0.09	27.0	33	27.4	0.14	25.5
-400	-37	109.0	56.5	75	73.4	0.10	58.8	36	58.6	0.16	57.1
	NET:	192.9	100.0	58	100.0	0.10	100.0	35	100.0	0.16	100.0
	Assayed Head:										

MetSolve Laboratories Inc.

PARTICLE SIZE ANALYSIS

Client: WHY Resources
Test: XE115
Sample: 10 min Grind; feed for XE113

Date: 17-Jul-08
Project: MS1103

Sieve Size		Weight		Cummulative (%)	
Tyler Mesh	Microns	(g)	(%)	Retained	Passing
8	2360	0.0			
10	2000	0.0			
16	1180	0.0			
20	850	0.0			
30	600	0.0			
40	425	0.0			
50	300	0.0			
70	212	0.0			
100	150	8.7	9.78	9.78	90.22
140	106	9.6	10.79	20.56	79.44
200	75	10.2	11.46	32.02	67.98
270	53	11.6	13.03	45.06	54.94
400	37	9.7	10.90	55.96	44.04
Undersize	-53	39.2	44.04	100.00	
	TOTAL:	89.0	100.0		

Rosin-Rammler Model

Size (um)	Passing P (%)
103	80
46	50

Linear Interpolation

Size (um)	Passing P (%)
108	80
46	50