

<b>Client:</b>	Frontier
<b>Project:</b>	Wart Hill
<b>Project No:</b>	2625

### ICP Scan - Wart Hill Composite

Element	Wart Hill	units	Element	Wart Hill	units
Ag	516 / 500	ppm	Nb	1.5 / 1.0	ppm
Al	0.72	%	Nd	7.65 / 7.35	ppm
As	379 / 380	ppm	Ni	15 / 20	ppm
Au	1.37 / 1.08	ppm	P	<50	ppm
B	20 / <20	ppm	Pb	16 / 15.8	%
Ba	1560 / 1620	ppm	Pd	<0.1	ppm
Be	0.8 / 0.6	ppm	Pr	1.96 / 1.92	ppm
Bi	31.0 / 30.6	ppm	Pt	0.10	ppm
Ca	0.04 / 0.05	%	Rb	8.6 / 8.4	ppm
Cd	1280 / 1230	ppm	Re	<0.1	ppm
Ce	16.2 / 15.8	ppm	S	24.0 / 23.7	%
Co	75	ppm	Sb	560 / 578	ppm
Cr	150	ppm	Sc	<2	ppm
Cs	0.5 / 0.4	ppm	Se	<5	ppm
Cu	2290 / 2270	ppm	Si	8.91 / 9.16	%
Dy	0.8	ppm	Sm	1.55 / 1.50	ppm
Er	0.4 / 0.5	ppm	Sn	<10 / 10	ppm
Eu	0.30 / 0.35	ppm	Sr	13.5 / 13.0	ppm
Fe	5.77 / 5.72	%	Ta	<0.1	ppm
Ga	8.8 / 8.8	ppm	Tb	0.14	ppm
Gd	1.0 / 1.2	ppm	Te	<0.2	ppm
Ge	<20	ppm	Th	1.7	ppm
Hf	<2	ppm	Ti	0.01	%
Ho	0.16 / 0.14	ppm	Tl	15.3 / 14.9	ppm
In	3.68 / 3.62	ppm	Tm	0.06	ppm
K	0.1	%	U	1	ppm
La	7.5 / 7.7	ppm	V	5 / 5	ppm
Li	5.0 / 4.5	ppm	W	3.5 / 3.0	ppm
Lu	0.06	ppm	Y	11	ppm
Mg	0.31 / 0.33	%	Yb	0.5	ppm
Mn	300 / 308	ppm	Zn	32.4 / 32.7	%
Mo	12.5 / 11.5	ppm	Zr	40 / 50	ppm
Na	0.01	%	Zr	40 / 50	ppm

**AMDEL MINERAL LABORATORIES**  
**Flotation Reagent Scheme & Results**

**Test Details:**

<b>Client:</b>	Frontier Resources	<b>Test Description:</b>	Sighter Rougher Test
<b>Project:</b>	Gowrie Park & Warthill	<b>Water Type:</b>	Perth Tap Water
<b>Project No:</b>	2725	<b>Grind Size:</b>	P <sub>80</sub> 75µm
<b>Sample:</b>	Wart Hill	<b>Pulp Density:</b>	30% Solids
<b>Test No:</b>	4	<b>Agitator Speed:</b>	950rpm
<b>Date:</b>	17-April-2008	<b>Grinding Mill Type:</b>	Stainless Steel

**Reagent Scheme:**

Operation	Cond Time (min)	Float Time (min)	pH	E (mV) Ag/AgCl/Sat. KCl	E (mV) vs SHE	PAX (g/t)	3418A (g/t)		CuSO <sub>4</sub> (g/t)	Aerofroth 65 (g/t)
Mill			5.81	126	325					
<b>ROUGHER FLOTATION STAGE</b>										
Rougher 1	1,1	2	5.83 - 5.86	95	294	60	15			
Rougher 2	1	3	5.93 - 5.97	84	283	20			30	
Rougher 3	2,1	3	5.94 - 5.97	62	261	20				
Rougher 4	1	5	5.99 - 6.02	54	253	20				
Rougher 5	1	5	6.08 - 6.14	47	246	20				
						140	15		30	0

**Testwork Aims/Comments:**

**Results:**

PRODUCT	Weight		Gold		Silver		Zinc		Lead	
	(g)	(%)	(ppm)	(% Dist)	(ppm)	(% Dist)	(%)	(% Dist)	(%)	(% Dist)
Rougher Conc 1	605.30	60.53	1.55	78.05	494	76.66	43.2	78.00	20.4	75.93
Rougher Conc 2	172.90	17.29	1.16	16.69	373	16.53	38.3	19.75	15.1	16.05
Rougher Conc 3	42.60	4.26	0.95	3.35	337	3.68	14.1	1.79	13.6	3.56
Rougher Conc 4	34.10	3.41	0.33	0.92	180	1.57	2.48	0.25	9.47	1.99
Rougher Conc 5	19.90	1.99	0.19	0.31	106	0.54	1.01	0.06	6.62	0.81
Rougher Tailings	125.20	12.52	0.07	0.68	31.5	1.01	0.37	0.14	2.15	1.66
Calculated Head	1000.00	100.0	1.20	100.0	390	100.0	33.5	100.0	16.3	100.0
Assay Head			1.23		508		32.6		15.9	
Variation (%):- Comp. Assay Head/Calc Head			1.9		30.2		2.9		2.2	
<b>CUMULATIVE GRADES AND RECOVERIES</b>										
Rougher Concentrate 1		60.53	1.55	78.05	494	76.66	43.2	78.00	20.4	75.93
Rougher Concentrate 1-2		77.82	1.46	94.74	467	93.19	42.1	97.76	19.2	91.99
Rougher Concentrate 1-3		82.08	1.44	98.09	460	96.87	40.7	99.55	18.9	95.55
Rougher Concentrate 1-4		85.49	1.39	99.01	449	98.45	39.1	99.80	18.6	97.53
Rougher Concentrate 1-5		87.48	1.36	99.32	441	98.99	38.3	99.86	18.3	98.34

Test No 04

**AMDEL MINERAL LABORATORIES**  
**Flotation Reagent Scheme & Results**

**Test Details:**

<b>Client:</b>	Frontier Resources	<b>Test Description:</b>	Sighter Rougher Test
<b>Project:</b>	Gowrie Park & Warthill	<b>Water Type:</b>	Perth Tap Water
<b>Project No:</b>	2725	<b>Grind Size:</b>	P <sub>80</sub> 106µm
<b>Sample:</b>	Wart Hill	<b>Pulp Density:</b>	30% Solids
<b>Test No:</b>	5	<b>Agitator Speed:</b>	950rpm
<b>Date:</b>	17-April-2008	<b>Grinding Mill Type:</b>	Stainless Steel

**Reagent Scheme:**

Operation	Cond Time (min)	Float Time (min)	pH	E (mV) Ag/AgCl/ Sat. KCl	E (mV) vs SHE	PAX (g/t)	3418A (g/t)		CuSO <sub>4</sub> (g/t)	Aerofroth 65 (g/t)
Mill			5.72	131	330					
<b>ROUGHER FLOTATION STAGE</b>										
Rougher 1	1,1	2	5.84 - 5.94	90	289	60	15			
Rougher 2	1	3	5.98 - 5.97	79	278	20			30	
Rougher 3	2,1	3	6.00 - 6.07	62	261	20				
Rougher 4	1	5	6.11 - 6.12	54	253	20				
Rougher 5	1	5	6.19 - 6.06	49	248	20				
						140	15		30	0

**Testwork Aims/Comments:**

**Results:**

PRODUCT	Weight		Gold		Silver		Zinc		Lead	
	(g)	(%)	(ppm)	(% Dist)	(ppm)	(% Dist)	(%)	(% Dist)	(%)	(% Dist)
Rougher Conc 1	587.40	58.74	1.69	76.36	494.0	74.93	43.2	74.98	20.1	74.76
Rougher Conc 2	210.00	21.00	1.22	19.71	352.0	19.09	37.4	23.21	13.7	18.22
Rougher Conc 3	43.00	4.30	0.71	2.33	276.0	3.06	11.1	1.41	11.2	3.05
Rougher Conc 4	35.00	3.50	0.29	0.77	152.0	1.37	2.21	0.23	7.7	1.71
Rougher Conc 5	17.00	1.70	0.19	0.25	118.0	0.52	1.06	0.05	6.4	0.69
Rougher Tailings	107.60	10.76	0.07	0.58	37.0	1.03	0.37	0.12	2.3	1.58
Calculated Head	1000.00	100.0	1.30	100.0	387	100.0	33.8	100.0	15.8	100.0
Assay Head			1.23		508		32.6		15.9	
Variation (%):- Comp. Assay Head/Calc Head			5.8		31.2		3.8		0.7	
<b>CUMULATIVE GRADES AND RECOVERIES</b>										
Rougher Concentrate 1		58.74	1.69	76.36	494	74.93	43.2	74.98	20.1	74.76
Rougher Concentrate 1-2		79.74	1.57	96.07	457	94.02	41.7	98.19	18.4	92.97
Rougher Concentrate 1-3		84.04	1.52	98.40	447	97.08	40.1	99.60	18.0	96.02
Rougher Concentrate 1-4		87.54	1.47	99.17	436	98.45	38.6	99.83	17.6	97.73
Rougher Concentrate 1-5		89.24	1.45	99.42	430	98.97	37.9	99.88	17.4	98.42

Test No 05

**AMDEL MINERAL LABORATORIES**  
**Flotation Reagent Scheme & Results**

**Test Details:**

<b>Client:</b>	Frontier Resources	<b>Test Description:</b>	Sighter Rougher Test
<b>Project:</b>	Gowrie Park & Warthill	<b>Water Type:</b>	Perth Tap Water
<b>Project No:</b>	2725	<b>Grind Size:</b>	P <sub>80</sub> 125µm
<b>Sample:</b>	Wart Hill	<b>Pulp Density:</b>	30% Solids
<b>Test No:</b>	6	<b>Agitator Speed:</b>	950rpm
<b>Date:</b>	17-April-2008	<b>Grinding Mill Type:</b>	Stainless Steel

**Reagent Scheme:**

Operation	Cond Time (min)	Float Time (min)	pH	E (mV) Ag/AgCl/ Sat. KCl	E (mV) vs SHE	PAX (g/t)	3418A (g/t)		CuSO <sub>4</sub> (g/t)	Aerofroth 65 (g/t)
Mill			5.59	120	319					
<b>ROUGHER FLOTATION STAGE</b>										
Rougher 1	1,1	2	5.71 - 5.75	84	283	60	15			
Rougher 2	1	3	5.96 - 6.05	70	269	20			30	
Rougher 3	2,1	3	5.97 - 5.97	58	257	20				
Rougher 4	1	5	6.11 - 6.11	52	251	20				
Rougher 5	1	5	6.17 - 6.24	49	248	20				
						140	15		30	0

**Testwork Aims/Comments:**

**Results:**

PRODUCT	Weight		Gold		Silver		Zinc		Lead	
	(g)	(%)	(ppm)	(% Dist)	(ppm)	(% Dist)	(%)	(% Dist)	(%)	(% Dist)
Rougher Conc 1	584.90	58.49	1.55	75.91	501	73.98	43.2	74.71	20.6	73.83
Rougher Conc 2	221.10	22.11	1.09	20.18	348	19.42	35.9	23.47	14.0	18.97
Rougher Conc 3	41.50	4.15	0.54	1.86	332	3.48	11.3	1.39	12.7	3.23
Rougher Conc 4	38.20	3.82	0.27	0.86	153	1.48	2.22	0.25	7.2	1.69
Rougher Conc 5	19.60	1.96	0.19	0.31	115	0.57	1.15	0.07	6.0	0.72
Rougher Tailings	94.70	9.47	0.11	0.87	45.0	1.08	0.44	0.12	2.7	1.56
Calculated Head	1000.00	100.0	1.19	100.0	396	100.0	33.82	100.0	16.3	100.0
Assay Head			1.23		508		32.6		15.9	
Variation (%):- Comp. Assay Head/Calc Head			2.6		28.2		3.8		2.6	
<b>CUMULATIVE GRADES AND RECOVERIES</b>										
Rougher Concentrate 1		58.49	1.55	75.91	501	73.98	43.2	74.71	20.6	73.83
Rougher Concentrate 1-2		80.60	1.42	96.09	459	93.40	41.2	98.17	18.8	92.80
Rougher Concentrate 1-3		84.75	1.38	97.95	453	96.88	39.7	99.56	18.5	96.03
Rougher Concentrate 1-4		88.57	1.33	98.82	440	98.36	38.1	99.81	18.0	97.73
Rougher Concentrate 1-5		90.53	1.31	99.13	433	98.92	37.3	99.88	17.7	98.44

Test No 06