018809

C.F. MINERAL RESEARCH LIMITED
263 LAKE AVENUE
KELOWNA, BRITISH COLUMBIA
CANADA V1Y 5W6

TEL. (604) 763-1815
(604) 860-8525

Greg Jilsen / Dave Jennings

Memo: Re: HMY orientation Samples

Enclosed please find the results plotted on computer forms. The -35+60 IP fraction appears to be significantly & consistently anomalous in all base metals probably reflecting acid weathering conditions over a part of the deposit. The -60 HN appears anomalous in Au & Ba & weakly anomalous in W. Higher base metal results occur in -60 IP fractions of HMY 240 & 231 than for the -35+60 IP however the -60 IP base metal results in n of 255 is very low. Higher base metal results occur in -20+35 HP fractions of 241 & 255 than for the -35+60 IP however HMY 240 -20+35 HP base metal results are quite low.

You will thus need to chart the field sample locations with respect to mineralization before deciding what fractions should be reconnaissance processed. Perhaps you may wish to obtain say 60-100 processed for more than one fraction types to establish a background picture & ultimately which fraction produces the best contrast.

As an additional cost to you I have asked the

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lab to make -20+35 IP fractions for HMY 231, 290, 241, 292 & 255 g/60 -35+60 IP fractions for SOS 37, 39, 40, 42 & 46 -g/50 -20+35 HP fractions for SOS 2, 3, 4, 6 & 22. Unless you notify me I will send these to Borden & Clegg for Cu - Pb - Zn - Co - Cd. & Ag analysis as I think such results could possibly be of use.

There were some "5" results in Ba even though Borden said they would do Ba via an alternative method then x Ba plus Au ± W could be run via neutron activation on even the smallest -60 HW samples However NAA in Hamilton would want $7.00 for Au & As as well as an additional 6.00 for Ba. Perhaps, an alternative lab would do high level Ba. on small samples

Hope to have a discussion with you by phone so that we can get your remainding samples run.

Best Regards
Chuck.

Sample #	Weight in Grams	Sample #	Weight in Grams
CROS 1 - 35+60 IP	10.22.	HMY 33 - 35+60 IP	1.35.
HMY 1 - 35+60 IP	4 55.	HMY 34 - 35+60 IP	2.75.
HMY 3 - 35+60 IP	5.19.	HMY 35 - 35+60 IP	1 97.
HMY 4 - 35+60 IP	8.62.	HMY 36 - 35+60 IP	0.21.
HMY 5 - 35+60 IP	4.62.	HMY 37 - 35+60 IP.	2.25.
HMY 6 - 35+60 IP	5.73.	HMY 38 - 35+60 IP	6.27
HMY 7 - 35+60 IP	5.58.	HMY 39 - 35+60 IP	1.27
HMY 8 - 35+60 IP.	1.25.	HMY 40 - 35+60 IP	1.69.
HMY 9 - 35+60 IP.	1.20.	HMY 41 - 35+60 IP.	1.34.
HMY 11 - 35+60 IP	14.17	HMY 42 - 35+60 IP	1.64.
HMY 12 - 35+60 IP	9 62.	HMY 43 - 35+60 IP	1.48
HMY 13 - 35+60 IP.	10.22.	HMY 44 - 35+60 IP.	3.84.
HMY 14 - 35+60 IP	14.05.	HMY 45 - 35+60 IP	9.16.
HMY 15 - 35+60 IP.	2.97	HMY 46 - 35+60 IP	10.32.
HMY 16 - 35+60 IP	11.91.	HMY 47 - 35+60 IP	4.35.
HMY 17 - 35+60 IP	4.95	HMY 48 - 35+60 IP	21.76
HMY 18 - 35+60 IP	4.89.	HMY 49 - 35+60 IP	1.46
HMY 19 - 35+60 IP	1.85.	HMY 50 - 35+60 IP	11.56.
HMY 20 - 35+60 IP	2.07	HMY 51 - 35+60 IP	11.79.
HMY 22 - 35+60 IP	3.44.	HMY 52 - 35+60 IP	18.42.
HMY 23 - 35+60 IP	4.09	HMY 53 - 35+60 IP	15.90.
HMY 24 - 35+60 IP	3.25.	HMY 54 - 35+60 IP	9.54.
HMY 25 - 35+60 IP	0 63	HMY 55 - 35+60 IP	4.30
HMY 26 - 35+60 IP	0.37.	HMY 56 - 35+60 IP	13.80
HMY 27 - 35+60 IP	1.95.	HMY 57 - 35+60 IP	11.81.
HMY 28 - 35+60 IP	2.77.	HMY 58 - 35+60 IP	19.77.
HMY 29 - 35+60 IP	0.94.	HMY 59 - 35+60 IP	19.32.
HMY 30 - 35+60 IP	4.19	HMY 60 - 35+60 IP	3.99
HMY 31 - 35+60 IP	2.39.	HMY 61 - 35+60 IP	1.02.
HMY 32 - 35+60 IP	0.30.	HMY 62 - 35+60 IP	5.75.

SAMPLE #	Weight in Grams
HMY 63-35+60 IP	2.80
HMY 64-35+60 IP	4.98
HMY 65-35+60 IP	17.43
HMY 66-35+60 IP	18.01
HMY 67-35+60 IP	10.25
HMY 68-35+60 IP	11.45
HMY 69-35+60 IP	21.11
HMY 70-35+60 IP	20.70
HMY 71-35+60 IP	13.54
HMY 72-35+60 IP	7.08
HMY 73-35+60 IP	5.16
HMY 74-35+60 IP	12.41
HMY 75-35+60 IP	17.49
HMY 76-35+60 IP	14.07
HMY 78-35+60 IP	8.17
HMY 79-35+60 IP	4.48
HMY 80-35+60 IP	4.00
HMY 81-35+60 IP	11.97
HMY 82-35+60 IP	12.06
HMY 83-35+60 IP	16.75
HMY 84-35+60 IP	7.76
HMY 85-35+60 IP	6.47
HMY 86-35+60 IP	9.13
HMY 87-35+60 IP	9.66
HMY 89-35+60 IP	7.17
#1 HMY 90-35+60 IP	0.86
#2 HMY 90-35+60 IP	12.76
#1 HMY 92-35+60 IP	2.84
#2 HMY 92-35+60 IP	7.81
HMY 93-35+60 IP	12.61

SAMPLE #	Weight in Grams
HMY 94-35+60 IP	5.88
HMY 95-35+60 IP	27.43
HMY 96-35+60 IP	1.88
HMY 97-35+60 IP	5.97
HMY 98-35+60 IP	4.63
HMY 99-35+60 IP	0.58
HMY 100-35+60 IP	2.83
HMY 101-35+60 IP	4.57
HMY 103-35+60 IP	3.77
HMY 104-35+60 IP	1.44
HMY 105-35+60 IP	2.91
HMY 106-35+60 IP	3.76
HMY 107-35+60 IP	6.10
HMY 108-35+60 IP	4.55
HMY 109-35+60 IP	4.83
HMY 110-35+60 IP	9.94
HMY 111-35+60 IP	4.49

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SAMPLE NO.	Net wt * (gms)	Grains of Scheelite? Blue-white S.W. & dead L.W. Fluores.	Possible Powellite? Yellow S.W. & dead L.W. Fluorescence	Others	SAMPLE NO.		Grains of Scheelite? Blue-white S.W. & dead L.W. Fluores.	Possible Powellite? Yellow S.W. & dead L.W. Fluorescence	Others
HMY 1-60 HN		–			HMY 31-60 HN		–		
					32		–		
3		–			33		–		
4		–			34		–		
5		–			35		–		
6		–			36		–		
7		–			37		–		
8		–			38		–		
9		–			39		–		
					40		–		
11		–			41		–		
12		–			42		+6		
13		–			43		–		
14		–			44		+2		
15		–			45		–		
16		–			46		–		
17		–			47		–		
18		–			48		–		
19		–			49		–		
20		–			50		–		
					51		–		
22		–			52		–		
23		–			53		–		
24		–			54		–		
25		–			55		–		
26		–			56		–		
27		–			57		–		
28		–			58		–		
29		–			59		–		
30		–			60		–		

* Net wt. of sample by C.F. Minerals - Gross wt. - Tare of container

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HMY 231-60 HNN									
231-20+35									
231-35+60									
240-60									
240-20+35									
240-35 HO.		+2							
241-60		+1							
241-20+35									
241-35+60		+3							
242-60									
242-20+35									
242-35+60									
255-60									
255-20+35									
255-35+60									

* Net wt. of sample by C.F. Minerals - Gross wt. - Tare of container