

McCLELLAND LABS 1998

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**McCLELLAND LABORATORIES, INC.**

1016 Greg Street, Sparks, Nevada 89431 702/356-1300
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To: Mr. Kurt Allen
Hecla Mining Co. - Rosebud Mine

Date: February 17, 1998
Fax #: (702) 623-6967

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From: Jack S. McPartland
Metallurgist / V.P. Operations

Re: Bulk Density Determinations

Dear Kurt:

During a routine review of our files, I found data from bulk density determinations that we conducted for you late in December. I can't however, find any record that I ever sent the results from these tests to you. I apologize for the delay, if I haven't already sent them. The results are attached. Please let me know what you want us to do with the samples.

*Regards,
Jack*

Table 1. - Bulk Density Test Results, Rosebud Samples

Sample Number	Moisture Wt. Pct.	Specific Gravity	Bulk Density	
			lb/cu ft	cu ft/ton
RSBD 46	6.0	2.25	140.4	14.2
RSBD 47	3.4	2.46	153.5	13.0
RSBD 48	4.5	2.45	152.9	13.1
RSBD 49	4.6	2.37	147.9	13.5
RSBD 50	3.7	2.37	147.9	13.5
Average	4.4	2.38	148.5	13.5

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