

TELEFAX TRANSMISSION

CURRAGH RESOURCES INC.

Inter-Office Memorandum

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TO: Bill Dunn
Faro Minesite

FROM: Gregg A. Jilson
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RE: TILL DENSITY AT GRUM AND VANGORDA

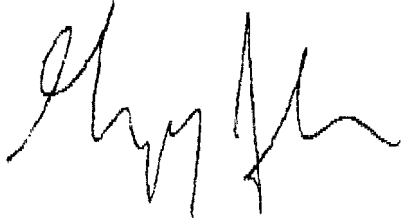
DATE: 03 14 1990

Density of till used at Grum and Vangorda in block models is 2.1 tonnes/cubic metre rather than the 2.2 I quoted last week.

I have attached some test results which are for samples from drillholes put down by Kerr-Addison in till at Grum. These indicate a denser till in the range 2.35 tonnes/cubic metre wet. These seem quite high for till however we have no other information and know that the till is quite sticky.

Note that a recalculation of Grum is nearing completion and this density can easily be revised to any desired figure - please advise.

Vangorda till density is also 2.1 in the block model. There were some tests done in 1987 by Faro engineering but I do not have the results. An average of 2.2 is quoted in the Initial Environmental Evaluation Volume 1 on page 2-40.



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THIS TRANSMISSION CONSISTS OF TWO PAGES

Results

A. Unit Weight

Bore Hole	Sample	Depth (m)	Wet Unit Wt. (t/m ³)	Dry Unit Wt. (t/m ³)	Moisture Content (%)
BH 77-12	SS-20	28.69-29.18	2.34	2.15	8.6
BH 77-13	SS-8	11.43-11.89	2.32	2.10	10.7
	SS-15	23.72-24.18	2.44	2.23	9.2
	SS-20	33.87-34.30	2.36	2.18	8.5
	SS-35	57.13-57.53	2.35	2.15	9.2

Till
Fine Till - some gravel
not sand size

B. Atterberg Limits

Bore Hole	Sample	Depth (m)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)
BH 77-12	SS-3	2.50-2.80	25.8	15.5	10.3
	SS-9	10.40-10.88	36.2	21.3	14.9
	SS-24	36.16-36.74	25.2	15.6	9.6
BH 77-13	SS-2	1.98-2.59	28.9	15.4	13.5
	SS-8	11.43-11.89	33.5	17.0	16.5
	SS-15	23.72-24.18	27.4	15.4	12.0