842070
Wayside

MEMORANDUM

Vancouver,B.C.
Dec.1,1987

Re: Sample 113203 H (M577)

L.A. Dick,

I have talked to Lloyd Twaites at Chemex regarding the problem of duplicating the original assay value for sample 113203 H. The following table briefly summarizes what has been done to date:

CERTIFICATE	SAMPLE #	GOLD RESULT	PROCEDURE
A8725023	113203 H	>10,000 ppb	geochemical analysis
A8726540	"	1.842 oz/ton	assay of original pulp
"	"	1.188 oz/ton	reassay of original pulp
A8726780	Resplit 113203 H	0.034 oz/ton	assay of second pulp
"	"	0.040 oz/ton	reassay of second pulp
"	Re-resplit 113203 H	0.108 oz/ton	assay of third pulp

Each of the pulps is made by putting the sample reject that has already been crushed to approximatey 1/4 inch through a jones riffle. The jones riffle separates the reject into two halves. One half from each split is sucessively put through the riffle until approximately one pound of sample remains. This one pound sample is then pulverized to -140 mesh and homogenized before a 14.583 gram (1/2 assay ton) subsample is taken for assaying.

We have been unable to duplicate the 1.842 oz/ton Au value from a new pulp due to the particulate and coarse nature of gold in this sample. One more option we have is run a metallics assay on this sample. I have instructed Lloyd to do this. In this procedure the pulverized sample is screened to -140 mesh and the two size fractions (-140 and +140) are analyzed separately. The resulting total

assay is a calculated value using the assays of both the -140 and +140 fractions, as well as the weight of each fraction and the total weight of the pulp.

The results from the metallics assay should be in next week. LLoyd has held off entering the values on the computer until all the results are in, he can be reached at 984-0221 if you have any further questions.

S. McAllister

SM:sm

ASSAY

Resplit both Splits & Reassay → 1.84 oz/ton.
0.034 oz/ton.
.108 oz. ton.

Exactly how was the assaying of the samples carried out. ie how much of sample was taken?, pulverized,?
(Larry wants flow chart of events.).

Assay >10,000 ← Geochem same sample
∴ diff between
Reassy 1.842. 14gm.
→ 1.188 oz. ton. Resplit pulp wt.
reassay pulp, 2-300gm.

Reassay. .034 1st pulp.
→ .040 oz. ton.
= same pulp

113203 H — A8725023

3rd pulp. .108
→