

MEMORANDUM

005115

TO: Lee Pigage
Dave Wright

FROM: Gregg Jilson

DATE: October 26, 1987

RE: SPLITTING AND STORAGE OF GRUM AND VANGORDA CORE SAMPLES

This memo will confirm our verbal discussions over the last couple of months at least as far as diamond drillcore is concerned.

The core from 1987 drillholes at Grum and Vangorda should be split by sawing with water only as coolant.

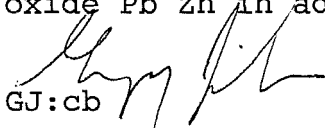
One split portion should be sent to the assay lab at the Faro Minesite. Following usual sample preparation procedures the samples should be crushed and a split taken for assay. The reject portion of the crushed sample should be immediately bagged, purged with nitrogen, sealed and frozen. If freezer facilities at the mine are not adequate then it will be possible to use the freezers at Chateau Jomini. Do not store the rejects outside at the minesite as the danger of disruption is too great - should outdoor cold storage be necessary because of the amount of material then store it at the Grum camp in a protected place.

The remainder of the core should remain in the core boxes until the assay results are received and cross checked against the logs for correspondence with expected grade, density, etc. This portion is intended for test work - not archive purposes. Once a decision has been made on composite intervals, then the overall test composites can be assembled and splits made for shipment to the various test facilities. Until this decision has been made the core should be stored in a cold, dry, protected place. The core racks or unheated portion of the Grum logging shed will be suitable until spring breakup. All sulphide drillcore should be kept in a heated room only as long as required for logging and sampling. Please be sure to thoroughly wash off any acid used during logging - and use only minimal acid on the sulphides rather than the generous amounts we have used in the past.

Logs should clearly indicate the extent of oxidation and fracturing for each assay interval. Oxidation style (i.e. coating, fractures, etc.) should also be indicated. RQD will probably not be an adequate measure of fracturing since important variations could occur within intervals whose RQD is zero.

Assay all samples for Pb Zn Ag Fe total, Fe soluble, Pulp SG at the mine lab. All intervals should be assayed for gold by sending pulps to an outside lab such as Bondar Clegg. A selection of assay intervals should be made from each for Grum and Vangorda that represent the ore types and particularly the variation within ore types (say 20 samples each of 4A4, 4D, 4E4, 4G, 4H (if available))

for determination of additional elements such as As, Hg, Cd, etc. Check assays for the major suite analysed routinely for these selected intervals should also be carried out. Include a homogenized pulp "standard" as a blind check with the assay lots. Check all intervals logged as oxidized or heavily fractured for oxide Pb Zn in addition to sulphide.


GJ:cb

cc. Bill Scheduling
Cam Reed