

KERR-ADDISON GOLD MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

020699

To W. M. Sirola From P. M. Kavanagh

Subject NX Drilling Vangorda Mines Property Date August 20/64

Attached is a sketch map concerning the planned NX drilling.

Our hope is that one vertical hole can be drilled at location #2 shown by the red #2 on the attached sketch. That vertical hole, as the sketch indicates, would be expected to encounter 65' of overburden and to intersect a mineralized section between 75' and 195'.

The second alternative is to drill 2 vertical holes at location #1 shown by the red #1 on the attached sketch. Those vertical holes would be expected to encounter 9' of overburden and to intersect a mineralized section between 164' and 246'.

Therefore in the first and preferable alternative there would be a 120' mineralized section, and in the second alternative there would be two 80' mineralized sections obtained.

We are interested in putting only the mineralized sections in lidded core boxes for transportation by truck express from Whitehorse to Edmonton and CNR rail express from Edmonton to our Toronto office. I am instructing Arsenault to have sufficient core trays and plywood lids delivered from Vancouver to Whitehorse. The unmineralized core from the top of the hole or holes can be discarded.

My instructions to Arsenault are that he should first attempt to drill the one hole at location #2 to the bottom of the mineralized section at approximately 200' of depth with the drill presently at the Swim Lakes property. If that proves to be impossible he should then drill the 2 holes at location #1 to the bottom of the mineralized section at approximately 246' of depth.

I have also instructed Arsenault that all of the drilling is to be at the NX size, and that he can't consider the possibility of drilling the bottom parts of the hole or holes at the AX size if the NX drilling proves difficult.

You or Dave should let me know if you have any difficulty - or think there will be any difficulty - in finding the drill locations on the ground from the sketch.

Three copies of this letter and sketch are included so that you can leave one or two with Dave.

Paul M. Kavanagh
Chief Geologist - Exploration

PMK:dh
Encl

MEMO TO: Mr. P. M. Kavanagh

August 13, 1964

FROM: W. S. Row

RE: Drilling at Vangorda for Lab Test Samples

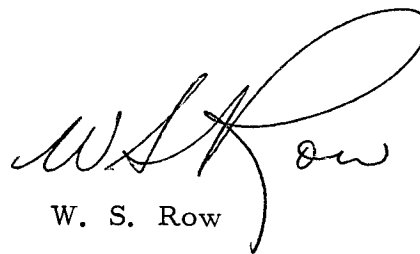
Lyall Ames advises that they would like 400 lbs. of split drill core to devise preliminary flow sheet adequate for capital and operating costs estimates. In addition to that, I want to have some core to make available to the Japanese or others so that they can corroborate our test results. Therefore, it would seem that we should have either of the following:

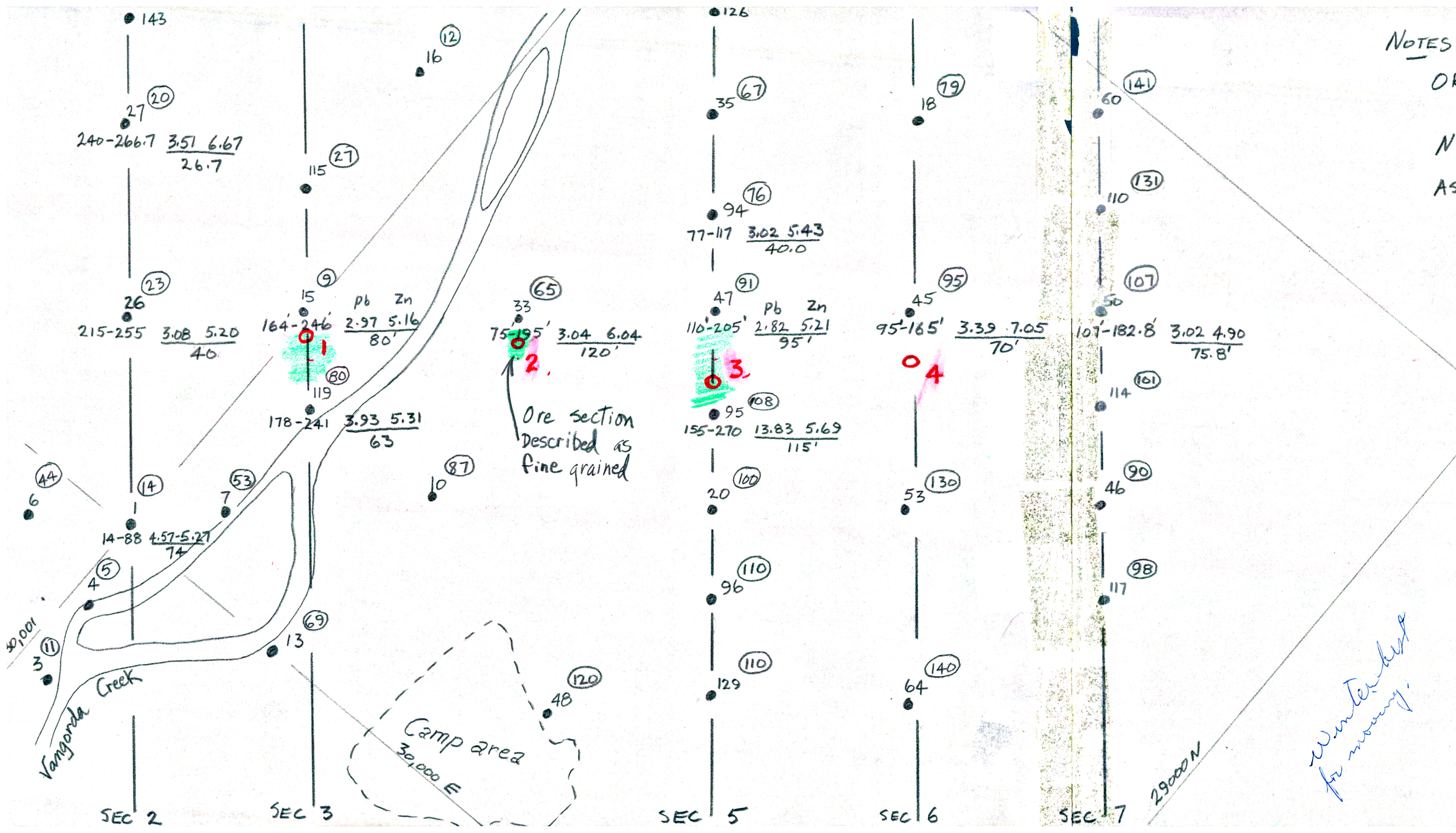
- (a) One drill hole to about 200' at Location No. 2, where the overburden depth is indicated to be about 65'.
- (b) Two holes to about 250' at Location No. 1 where overburden depth is indicated to be about 9'.

The locations are those suggested by Clarence Wilton.

I would like to get this drilling done as early as possible this year and the economics governing the choice of Location No. 1 or Location No. 2 will probably be controlled by transportation costs of drilling equipment, and whether or not the present drill now at Swim Lake can be used, or if another would have to be brought in.

WSR:JB
Encl.

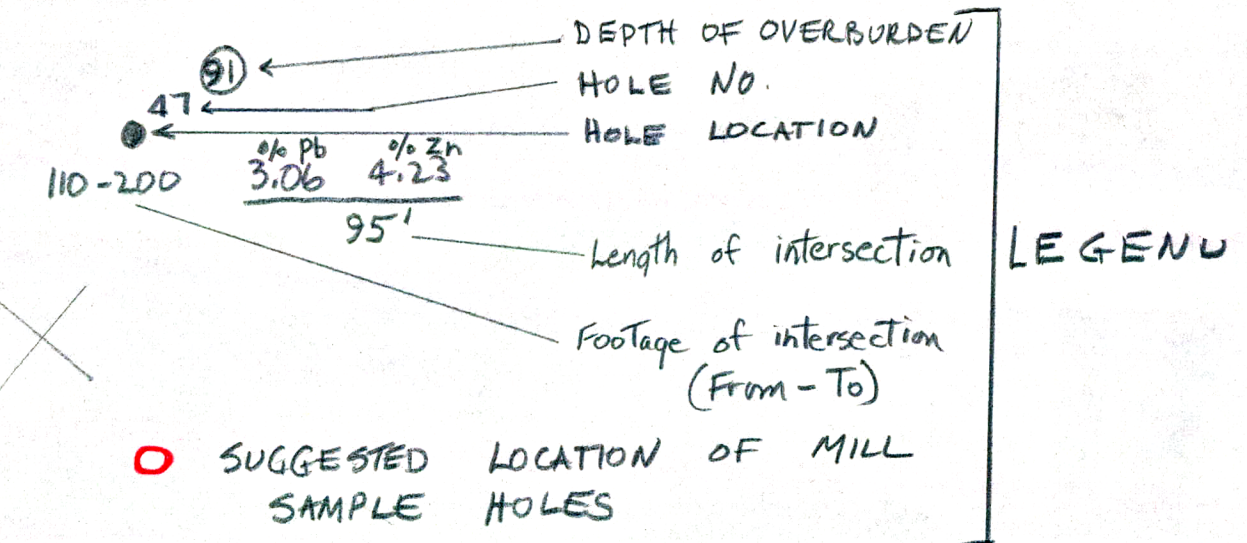

W. S. Row



NOTES

ORE RESERVES 9,400,000 TONS { 3.16% Pb, 4.96% Zn,
0.27% Cu, 1.76 oz. Ag, 0.02 oz Au

NX CORE DIAMETER 2 1/8"
ASSUMING 8.9 CU FT./TON AND 3.6 SPEC. GR.,
1 FT. OF CORE WEIGHS 5.56 lbs.



VANGORDA MINES LTD

D. D. HOLE PLAN
showing
SUGGESTED MILL SAMPLE HOLES
NUMBERED IN ORDER OF PREFERENCE

SCALE 1" = 100'

AUG. 4/64

AW