

006980

To J. Levanaho c.c. W.N. Wallinger, G.D. Biles,
From B. Davia S. Chmelyk, Met Techs (2),
Date May 20, 1982 W. Kleinschrot
Subject PRELIMINARY TESTING OF CRUSHER STOCKPILE MATERIAL

On May 10-12, 1982 preliminary open circuit cleaner tests were performed on the material from the crusher stockpile. The sample used was hand selected by the geology department as being representative of the stockpile.

The average head assay was 3.0%Pb, 4.8%Zn, 18.5%Fe and 0.93 gr/tonne Ag at a specific gravity of 3.53.

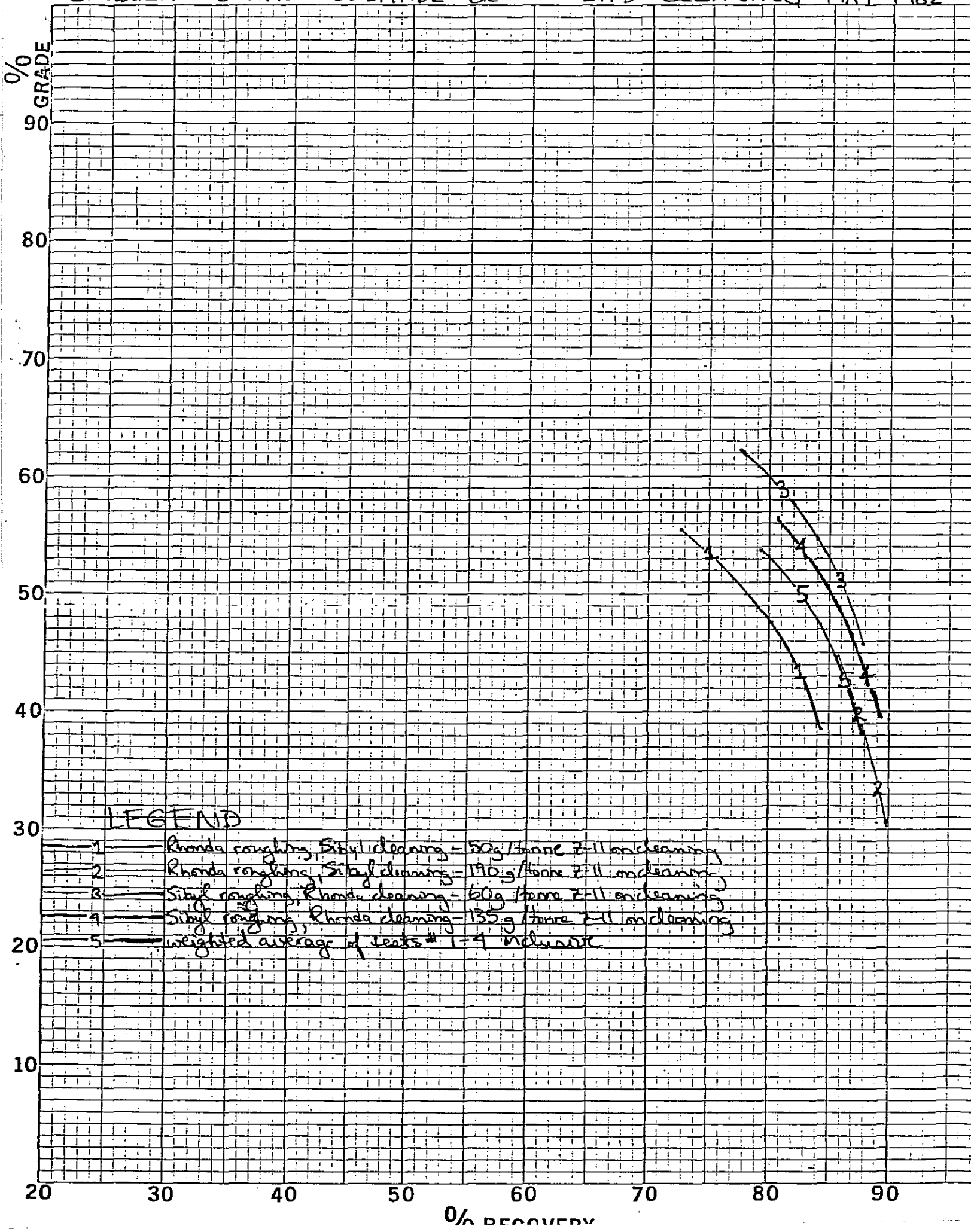
Four tests were made and a weighted average calculated. From the grade recovery curves, a lead concentrate of 50%Pb with an 83% recovery and a zinc concentrate of 47%Zn at 84% recovery can be easily reached in the lab.

More cleaner testwork will be done on this ore next week, including regrind tests.



B.R. Davia
Metallurgist
BRD/ct

CRUSHER STOCKPILE SULPHIDE ORE - LEAD CLEANING - MAY 1982



CRUSHER STOCKPILE SULPHIDE ORE - ZINC CLEANING - MAY 1982

% GRADE

90
80
70
60
50
40
30
20
10

LEGEND

- 1 Rhonda roughing, Sibyl cleaning - 50g/tonne Z-11 on cleaning
- 2 Rhonda roughing, Sibyl cleaning - 190g/tonne Z-11 on cleaning
- 3 Sibyl roughing, Rhonda cleaning - 60g/tonne Z-11 on cleaning
- 4 Sibyl roughing, Rhonda cleaning - 135g/tonne Z-11 on cleaning
- 5 weighted average of tests #1 - #4 inclusive.

% RECOVERY

20 30 40 50 60 70 80 90

