

007226

URGENT! AS SOON AS POSSIBLE

13427

FROM

Peter Hedwidge

DEPT.

Geology

COPY TO

D. Tenney, D. Toliv, G. Vooz

DATE

15/01/91

SUBJECT

SEND TO

Gordon Wilson
Chief Metallurgist

MESSAGE

Vangorda Sample - 90-PL-26
 0-3/4" fines from new Pelley screen plant.
 Tested for density -
 Results - 3.01

REPLY

49500E - 1

← SPEEDIMEMO →

MOORE SPEEDILY - 1 - MOORE CLEAN PRINT PATENTED 1963-1966

REPLY
FROM

DATE

LIFT THIS SHEET TO REMOVE
(RETAIN FOR YOUR FOLLOW-UP)

PETER

CALL EXT 111
ANY PROBLEMS

BULK DENSITY DATA FOR ORE SAMPLE 90-PL-26

DRY WT. (SAMPLE)

① 12,991 g

② 13,457 "

WET. WT. (SAMPLE)

① 15,243 g

② 15,609 "

H₂O ADDED FOR VOIDS

① 2,252 g

② 2,152 "

* VOLUME OF PAIL 6,593 cc

6593

01/14/91

BULK DENSITY TEST FOR ORE SAMPLE 90-PL-26

DRY SAMPLE WT.

WET SAMPLE WT

H₂O added

- ① 12,991 gms
- ② 13,457

15,243 gms
15,609

2252 gms } 34% porosity
2152 } 33% porosity

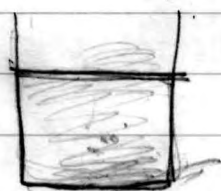
① Air DISPLACED BY H₂O

- ① $6593 - 2252 = 4341$ cc = volume of sample
- ② $6593 - 2152 = 4441$ cc

① ρ density = $\frac{12,991}{4341} = 2.99 = 3.51$

② ρ density = $\frac{13,457}{4441} = 3.03 = 3.51$

ave. $\rho = 3.51$
 3.07



$$S.G = \frac{WT}{VOL} = \frac{Kg}{L}$$

SAMPLE 90 PL-26

DRY SAMPLE	H ₂ O ADDED	VOLUME	VOLUME - H ₂ O ADDED
12,991	2252	6593	4341
13,457	2152	6593	4441