

Zn 45us  
 773 23us  
 716 23us No. 7.50

Value of Pb con ± 19, grade no silver.  
 ± 103 in Pb.

019918  
 1/20 con  
 1/20 con  
 1/20 con

PROJECT: CURAGH - CYPRUS ANVIL  
 SUBJECT: LEAD AND ZINC METALLURGY OF DIFFERENT ORE TYPE (ADJUSTED)

ORE TYPE	LABORATORY RESULTS										BASE METALLURGICAL ESTIMATE									
	LEAD RECOVERY % AT CONC. GRADE OF										LEAD RECOVERY % AT CONC. GRADE OF									
	58	59	60	61	62	63	64	65	66	67	56	57	58	59	60	61	62	63	64	65
A	67.5	66.7	66.0	65.0	64.0	63.0	62.0	61.0	60.0	59.0	65.5	64.7	64.0	63.0	62.0	61.0	60.0	59.0	58.0	57.0
BCD	91.7	92.0	91.5	91.0	90.0	89.5	89.0	88.0	87.0	86.0	89.7	89.0	88.5	89.0	88.0	87.5	87.0	86.0	85.5	85.0
EC	91.9	91.8	91.4	91.0	90.3	89.8	89.3	88.0	87.0	86.0	89.9	89.8	89.4	89.0	88.3	87.8	87.3	86.0	85.5	85.0
EF	92.0	91.7	91.2	91.0	90.5	90.0	89.5	88.0	87.0	86.0	89.7	89.2	89.0	88.5	88.0	87.5	86.0	85.5	85.0	84.5
G	92.0	91.7	91.2	91.0	90.5	90.0	89.5	88.0	87.5	87.0	90.0	89.7	89.2	89.0	88.5	88.0	87.5	86.0	85.5	85.0
H	84.5	83.3	82.8	81.8	79.0	76.5	74.5	73.3	71.8	70.0	82.5	81.3	80.8	79.8	77.0	74.5	72.5	71.3	69.8	68.0

LAB. RESULT = BASE + 2% (ON GR AND REC.) DUE TO CHARGER GRIND

ORE TYPE	LABORATORY RESULTS										BASE METALLURGICAL ESTIMATE									
	ZINC RECOVERY % AT CONC. GRADE OF										ZINC RECOVERY % AT CONC. GRADE OF									
	48	49	50	51	52	53	54	55	56	57	46	47	48	49	50	51	52	53	54	55
A	94.5	94.0	93.5	93.0	92.5	92.0	90.0	88.5	86.0	84.0	92.5	92.0	91.5	91.0	90.5	90.0	88.0	86.5	84.0	82.0
BCD	94.5	94.0	93.5	93.0	92.5	92.0	91.5	90.5	89.0	87.0	92.5	92.0	91.5	91.0	90.5	90.0	89.5	88.5	87.0	85.0
EC	87.8	91.3	90.8	90.3	89.8	89.3	88.5	87.3	85.8	84.0	89.8	89.3	88.8	88.3	87.8	87.3	86.5	85.3	83.8	82.0
EF	88.0	88.0	88.0	87.5	87.0	86.5	85.5	84.0	82.5	81.0	87.0	86.5	86.0	85.5	85.0	84.5	83.5	82.0	80.5	79.0
G	89.0	88.5	88.0	87.5	87.0	86.5	85.5	84.0	82.5	81.0	87.0	85.5	86.0	85.5	85.0	84.5	83.5	82.0	80.5	79.0
H	82.2	82.0	81.0	80.0	79.0	78.0	77.0	76.0	74.5	73.0	80.2	80.0	79.0	78.0	77.0	76.0	75.0	74.0	72.5	71.0

ASSUMPTION: MET OF  
 BCD = CD  
 EC = Av. OF CD AND EF  
 G = EF  
 H - REC & GR CURVE SIMILAR TO EF

ABOVE ARE WEIGHED AVERAGES OF  
 1 LOCKED CYCLE TEST CARRIED OUT BY  
 KRAL AND 5 TESTS BY CYPRUS  
 ANVIL

Methodology used for 017.  
 P.F. FT model Dec 85