EST No. 069-078 | SAMPLE OF: VANGORDA GEOLOGICAL SAMPLE

OBJECTIVE: PB AND ZINC ROUGHER / SCAV FLOT. TEST FOR ORE SAMPLE EVALUATION | DATE NOV. 22/90

REAGENTS:

NAME	AMOUNT grms.	AMOUNT lbs./ton	ADDITION POINT	pH Start	pH End	TIMES Cond.	TIMES Flot.	REMARKS
								007140
SAMPLE TESTED			TEST #	HEAD ASSAY % Pb	Zn	Fe	Cu	TEST RESULT
OV-PL-18			D 69	3.32	3.94	29	0.28	GOOD
90-W-PL-19			D 72	3.99	8.64	15.1	0.14	GOOD
T-27			D 73	0.44	1.39	25.9	0.3	BAD - WASTE
BB-22			D 75	2.65	4.31	24.3	0.16	GOOD
DD-20			D 76	2.88	4.45	20.9	0.41	BAD - BULK FLOT [PB+Zn]
EE-14			D 77	1.98	2.83	25.5	0.2	GOOD
CC-3			D 78	0.77	1.08	41.2	0.42	BAD - WASTE

RESULTS:

PRODUCT	WEIGHTS grms.	WEIGHTS %	ASSAY % Pb	ASSAY % Zn	ASSAY % Fe	UNITS Pb	UNITS Zn	UNITS Fe	DISTRIBUTION % Pb	DISTRIBUTION % Zn	DISTRIBUTION % Fe
OBS	BAD RESULTS WAS OBTAINED FOR THE SAMPLE WITH HIGH Cu GRADE !										

DUMITRU TULCIU
SENIOR METALLURGIST

METALLURGICAL TEST REPORT

TEST No. 92 - 94 | SAMPLE OF: GEOLOGICAL DEPARTMENT

OBJECTIVE: SAMPLE 1134 FF. 493, 1134 FF. U93, | DATE NOV. 28/90

~~REAGENTS~~: 1134 - TT - 97. FLOT. TEST

NAME	AMOUNT grms.	AMOUNT lbs./ton	ADDITION POINT	pH Start	pH End	TIMES Cond.	TIMES Flot.	REMARKS
SAMPLE			TEST #	HEAD ASSAY Pb	Zn	Fe	Cu	TEST RESULT
1134 FF - U93			D92	3.78	4.90	24.2	0.08	GOOD
1134 FF - S93			D93	3.67	3.94	32.3	0.3	BULK CONC (PB+Zn) BAD.
1134 JJ - 97			D94	0.45	0.67	22.3	0.25	WASTE (LOW PB & Zn GRADE)

SULTS:

PRODUCT	WEIGHTS grms.	WEIGHTS %	ASSAY % Pb	ASSAY % Zn	ASSAY % Fe		UNITS Pb	UNITS Zn	UNITS Fe		DISTRIBUTION % Pb	DISTRIBUTION % Zn	DISTRIBUTION % Fe	

METALLURGICAL TEST REPORT

TEST No. 95-97 | SAMPLE OF: GEOLOGICAL DEPART

OBJECTIVE: | DATE NOV. 29/90

REAGENTS:

NAME	AMOUNT grms.	AMOUNT lbs./ton	ADDITION POINT	pH Start	pH End	TIMES Cond.	TIMES Flot.	REMARKS
SAMPLE			TEST	HEAD ASSAY %,				TEST RESULT
IS T45 T45?			#	Pb	Zn	Fe	Cu	
TT75-134FF			D95	5.76	5.02	25.8	0.13	GOOD
SECTION 22-23			D96	6.94	6.77	23.9	0.19	BAD (NOT GOOD ENOUGH
CLEAR ORE								Pb FLOAT
								GOOD Zn FLOAT BUT
								HIGH Pb IN Zn CONC.
SECTION 22-23			D97	6.79	6.78	12.48	0.54	BAD.
OXIDIZED ORE								

RESULTS:

PRODUCT	WEIGHTS grms.	WEIGHTS %	ASSAY % Pb	ASSAY % Zn	ASSAY % Fe		UNITS Pb	UNITS Zn	UNITS Fe		DISTRIBUTION % Pb	DISTRIBUTION % Zn	DISTRIBUTION % Fe

TEST D95 Evaluation of Geological Samples TT75 - 1134FF

PRODUCT	WEIGHT		ASSAYS				%DISTRIBUTION				METAL UNITS			
	g	%	Pb	Zn	Fe	Cu	Pb	Zn	Fe	Cu	Pb	Zn	Fe	Cu
Pb Rgh Conc.	187.04	9.35	49.30	9.61	10.00	0.64	80.08	17.90	3.62	47.09	460.96	89.85	93.50	5.98
Pb Scav Conc. 1	88.70	4.44	10.80	10.80	29.00	0.68	8.33	9.55	4.98	23.78	47.95	47.95	128.76	3.02
Pb Scav Conc. 2	43.38	2.17	5.71	10.10	29.50	0.57	2.15	4.37	2.48	9.76	12.39	21.92	64.02	1.24
Zn Rgh Conc	153.61	7.68	1.01	38.00	14.30	0.14	1.35	58.13	4.25	8.50	7.76	291.84	109.82	1.08
Zn Scav Conc	130.99	6.55	1.78	5.04	34.90	0.21	2.03	6.58	8.84	10.87	11.66	33.01	228.60	1.38
Final Tails	1396.28	69.81	0.50	0.25	28.10	0.00	6.06	3.48	75.85	0.00	34.91	17.45	1961.66	0.00
Calc Head Feed	2000.00	100.00	5.76	5.02	25.86	0.13	100.0	100.0	100.0	100.0	575.63	502.02	2586.36	12.70

TEST D96 Evaluation of Geological Samples Sections 22-23 Clear Ore

PRODUCT	WEIGHT		ASSAYS				%DISTRIBUTION				METAL UNITS			
	g	%	Pb	Zn	Fe	Cu	Pb	Zn	Fe	Cu	Pb	Zn	Fe	Cu
Pb Rgh Conc.	63.64	3.18	37.20	10.10	10.80	1.00	17.04	4.75	1.44	16.32	118.30	32.12	34.34	3.18
Pb Scav Conc. 1	82.54	4.13	33.20	12.90	15.50	1.01	19.76	7.87	2.68	21.41	137.12	53.28	64.02	4.17
Pb Scav Conc. 2	51.22	2.56	21.10	14.60	16.60	0.56	7.78	5.52	1.78	7.34	54.02	37.38	42.50	1.43
Zn Rgh Conc	319.91	16.00	16.40	30.70	12.50	0.29	37.81	72.58	8.37	23.82	262.40	491.20	200.00	4.64
Zn Scav Conc	260.79	13.04	6.28	3.36	34.80	0.23	11.80	6.47	18.99	15.40	81.89	43.81	453.79	3.00
Final Tails	1221.90	61.10	0.66	0.31	26.10	0.05	5.81	2.80	66.74	15.71	40.33	18.94	1594.71	3.06
Calc Head Feed	2000.00	100.01	6.94	6.77	23.89	0.19	100.0	100.0	100.0	100.0	694.06	676.73	2389.36	19.48

TEST D97 Evaluation of Geological Samples Sections 22-23 Oxidized Ore

PRODUCT	WEIGHT		ASSAYS				%DISTRIBUTION				METAL UNITS			
	g	%	Pb	Zn	Fe	Cu	Pb	Zn	Fe	Cu	Pb	Zn	Fe	Cu
Pb Rgh Conc.	28.47	1.42	20.60	13.80	6.19	2.10	4.31	3.12	0.70	5.53	29.25	19.60	8.79	2.98
Pb Scav Conc. 1	34.52	1.73	23.50	21.90	5.51	3.40	5.99	6.04	0.76	10.90	40.66	37.89	9.53	5.88
Zn Rgh Conc	288.87	14.44	26.00	31.50	4.93	1.72	55.32	72.47	5.70	46.06	375.44	454.86	71.19	24.84
Zn Scav Conc. 1	136.75	6.84	21.90	13.90	18.10	1.84	22.07	15.15	9.92	23.35	149.80	95.08	123.80	12.59
Zn Scav Conc. 2	100.45	5.02	7.09	2.20	31.90	0.68	5.24	1.76	12.83	6.32	35.59	11.04	160.14	3.41
Final Tails	1410.94	70.55	0.68	0.13	12.40	0.06	7.07	1.46	70.08	7.84	47.97	9.17	874.82	4.23
Calc Head Feed	2000.00	100.00	6.79	6.28	12.48	0.54	100.0	100.0	100.0	100.0	678.71	627.64	1248.27	53.93

~~ANVIL MINING CORP. LTD.~~

METALLURGICAL TEST REPORT

TEST No. D 99 | SAMPLE OF: GEOLOGICAL SAMPLE

OBJECTIVE: 1134 QQ 74 | DATE NOV 30/90

REAGENTS:

NAME	AMOUNT grms.	AMOUNT lbs./ton	ADDITION POINT	pH Start	pH End	TIMES Cond.	TIMES Flot.	REMARKS
				HEAD				
SAMPLE			TEST	ASSAY, %				TEST RESULT
			#	Pb	Zn	Fe	Cu	
1134-QQ 74			D 99	1.09	1.65	40.5	0.22	BAD.
								LOW FEED GRADE:
								1.09% Pb ; 1.65% Zn.

RESULTS:

PRODUCT	WEIGHTS grms.	WEIGHTS %	ASSAY % Pb	ASSAY % Zn	ASSAY % Fe		UNITS Pb	UNITS Zn	UNITS Fe		DISTRIBUTION % Pb	DISTRIBUTION % Zn	DISTRIBUTION % Fe	

TEST D99 Evaluation of Geological Samples 1134-QQ74

PRODUCT	WEIGHT		ASSAYS				% DISTRIBUTION				METAL UNITS			
	g	%	Pb	Zn	Fe	Cu	Pb	Zn	Fe	Cu	Pb	Zn	Fe	Cu
Pb Rgh Conc.	70.92	3.55	3.63	2.98	32.70	4.84	11.88	6.41	2.86	76.66	12.89	10.58	116.09	17.18
Pb Scav Conc	37.76	1.89	12.50	3.15	32.70	0.89	21.77	3.60	1.52	7.50	23.63	5.95	61.80	1.68
Zn Rgh Conc	68.73	3.44	8.89	20.80	24.40	0.40	28.17	43.33	2.07	6.16	30.58	71.55	83.94	1.38
Zn Scav Conc 1	69.74	3.49	2.79	4.20	38.40	0.33	8.97	8.88	3.31	5.13	9.74	14.66	134.02	1.15
Zn Scav Conc 2	101.52	5.08	1.04	1.88	43.70	0.20	4.86	5.78	5.48	4.55	5.28	9.55	222.00	1.02
Final Tails	1651.33	82.57	0.32	0.64	41.60	0.00	24.34	32.00	84.75	0.00	26.42	52.84	3434.91	0.00
Calc Head Feed	2000.00	100.0	1.09	1.65	40.53	0.22	100.0	100.0	100.0	100.0	108.54	165.13	4052.76	22.41

~~ANVIL MINING CORP. LTD.~~

METALLURGICAL TEST REPORT

TEST No. | SAMPLE OF: GEOLOGICAL SAMPLE

OBJECTIVE: FLOTATION TEST. | DATE DEC 6/90

REAGENTS:

NAME	AMOUNT grms.	AMOUNT lbs./ton	ADDITION POINT	pH Start	pH End	TIMES Cond.	TIMES Flot.	REMARKS
SAMPLE			TEST #	HEAD ASSAY				TEST RESULT
				Pb	Zn	Fe	Cu	
MET. A			D101	2.88	6.99	12.42	0.06	GOOD
MET B			D102	8.85	6.52	37.95	0.09	GOOD
69270			D100	1.53	2.49	27.3	0.21	BAD
HH 83			D103	1.18	1.05	32.37	0.25	BAD - WRONG MAT.

RESULTS:

PRODUCT	WEIGHTS grms.	WEIGHTS %	ASSAY % Pb	ASSAY % Zn	ASSAY % Fe		UNITS Pb	UNITS Zn	UNITS Fe		DISTRIBUTION % Pb	DISTRIBUTION % Zn	DISTRIBUTION % Fe	

~~ANVIL MINING CORP. LTD.~~

METALLURGICAL TEST REPORT

MET-LAB.

TEST No. | SAMPLE OF: VANGORDA SAMPLE - DRILL CORE

OBJECTIVE: | DATE

REAGENTS:

NAME	AMOUNT grms.	AMOUNT lbs./ton	ADDITION POINT	pH Start	pH End	TIMES Cond.	TIMES Flot.	REMARKS
			60052 -	Good Pb & Zn float.				
			60422 -	Good Pb & Zn float				
			60422 -	Good Pb & Zn float				
			60051 -	Good Pb & Zn float				
			60050 -	Good Pb & Zn float				
Rougher?	cleaner		Q 29 -	No good Pb flotation - (Zn flot. in Pb conc)				
			P 33 -	Good Pb and Zn float				
			R 27 -	Good Pb and Zn float				
			O 32 -	Good Pb and Zn float				
			Q 27 -	Good Pb and Zn float				
			P 27 -	Good Pb and Zn float				
			B-21 -	Good Pb and Zn float				
		90 V-BP16 -	STOCK PILE +					SCREEN ON 13.5 mm
		Good float. on	+ 13.5 mm					
			C-16 -	Good Pb & Zn float				
			B-12 -	0.9% Pb an 0.92% Zn in Feed				
				[WASTE]				

RESULTS:

PRODUCT	WEIGHTS grms.	WEIGHTS %	ASSAY % Pb	ASSAY % Zn	ASSAY % Fe	UNITS Pb	UNITS Zn	UNITS Fe	DISTRIBUTION % Pb	DISTRIBUTION % Zn	DISTRIBUTION % Fe

Senior metallurgist