

REFRACTORY ORES METALLURGICAL COMPARISON

CONFIDENTIAL

	COMPANY	TEST	DATE	FLOAT	LEAD - %			ZINC - %			Pb + Zn%	Pb + Zn%
					Head	Con.	Recovery	Head	Con.	Recovery	Assay	Recovery
Uchinotai, Japan	Mill				1.97	54.0	58.0	4.78	54.0	78.0	108	136
Doyashiki, Japan	Mill			Differential	.29	53.0	63.5	1.42	60.0	63.1	113	126
tsomine, Japan	Mill				.55	52.0	55.2	2.5	55.0	64.0	107	119
Anvil	Galigher	Lab.	Feb. 1967	Differential	3.4	70.1	89.0	5.9	54.0	86.0	124	175
B.M. & S. #12	B.M. & S.	Mill	Oct. 1969	Differential	3.3	38.6	59.4	8.5	50.5	76.8	89	136
Vangorda	Noranda	Lab.	1954 ✓		3.2	46.1	77.6	5.2	53.0	49.5	99	127
	Mitsui DOWA	Lab.	1969 ✓		4.0	49.8	77.0	4.9	49.4	60.4	99	137
	B.M. & S.	Lab.	1969	Differential	4.1	51.7	89.7	5.2	55.4	78.1 -	107	168
	Galigher	Lab.	1968 ✓		3.9	56.5	72.5	5.1	50.8	51.5	107	124
	Galigher	Lab.	1969 ✓		4.1	48.2	73.8	4.6	55.4	42.7	104	116
	Galigher	Lab.	1969 ✓		4.59	56.6	83.8	4.71	54.4	79.7 -	111	163.5
Swim Lake	Galigher	Lab.	1968		4.1	47.1	61.4	5.1	54.0	39.9	101	101
	Mitsui DOWA	Lab.	1969	Differential	3.6	52.2	71.7	4.4	52.7	75.3	105	147
Mogul	Mogul	Mill	1969	Differential	2.0	36.9	53.9	10.3	50.7	85.3	87	139
Vangorda	Mitsui	Lab.	1956	Bulk	3.8	20.4	78.2	5.2	35.6	92.3 ✓	56	170
	B.M. & S.	Lab.	1939		3.65	23.47	84.2	4.81	34.76	94.5 -	58	179
	Noranda (PA 99)	Lab.	1935		3.7	24.2	81.5	5.3	36.4	85.0	61	165
B.M. & S. #6	B.M. & S.	Mill	Feb. 1969		2.5	13.8	69.7	5.7	36.5	79.8	50	149
			Sept. 1969	Bulk	2.4	12.4		6.6	43.8		56	146