

TABLE A-1: ASSAYS AND DISTRIBUTION OF FLUORITE

Size Fraction µm	Specific Gravity or Magnetic Fraction	In Size Fractions			In Head Sample		Cumulative Data		
		Weight %	Assay %	Fluorite Distribution, %	Weight %	Fluorite Distribution, %	Weight %	Assay %	Distribution %
+75	<1.00*	32.9	14.00	41.9	3.62	3.25	3.62	14.00	3.25
	<3.10	24.0	8.70	19.0	2.64	1.47	2.64	8.70	1.47
	<3.30	9.5	26.50	22.9	1.05	1.78	1.05	26.50	1.78
	>3.30	33.6	5.30	16.2	3.69	1.25	3.69	5.30	1.25
	Total	100.0	(11.00)	100.0	11.00	7.75	11.00	11.00	7.75
-75+33	<1.00	40.9	10.10	36.8	12.19	7.89	15.82	10.99	11.14
	<3.10	16.6	8.80	13.0	4.94	2.79	7.58	8.77	4.26
	<3.30	9.4	45.00	37.5	2.79	8.04	3.83	39.96	9.82
	>3.30	33.1	4.30	12.7	2.87	2.72	13.57	4.57	3.97
	Total	100.0	(11.23)	100.0	29.80	21.44	40.80	11.17	29.19
-33+17	<1.00	28.7	9.00	14.9	6.52	3.76	22.33	10.41	14.90
	<3.10	22.8	6.70	8.8	5.19	2.23	12.77	7.93	6.48
	<3.30	23.4	53.20	71.6	5.31	18.11	9.15	47.65	27.93
	>3.30	25.0	3.30	4.8	5.69	1.20	19.25	4.20	5.18
	Total	100.0	(17.39)	100.0	22.70	25.29	63.50	13.39	54.48
-17+ 9	<1.00	19.9	5.50	5.4	3.18	1.12	25.51	9.80	16.02
	<3.10	26.4	7.00	9.2	4.23	1.90	16.99	7.70	8.38
	<3.30	37.5	44.70	83.0	6.00	17.18	15.14	46.48	45.10
	>3.30	16.2	3.00	2.4	2.60	0.50	21.85	4.05	5.68
	Total	100.0	(20.18)	100.0	16.00	20.69	79.50	14.76	75.18
Totals for above size fractions	<1.00	32.1	( 9.80)	21.3	-	-	-	-	-
	<3.10	21.4	( 7.70)	11.1	-	-	-	-	-
	<3.30	19.1	(46.48)	60.0	-	-	-	-	-
	>3.30	27.5	( 4.05)	7.6	-	-	-	-	-
Overall Totals	Sands	79.5	(14.76)	75.2					
	Slimes	20.5	18.90	24.8					
	Total	100.0	(15.61)	100.0					

Calculated head assay = 15.61%

In Tables A2-A4 <1.000 refers to the ferromagnetic product; the remaining three values are the specific gravity ranges of the non-magnetic products (<3.30 refers to the 3.10 to 3.30 sp.gr. product).