

GRINDING ANALYSES & TIN DISTRIBUTION

<u>Reg. No.</u>	<u>664505</u>			<u>664506</u>			<u>664507</u>			<u>664508</u>		
<u>CHAC No.</u>	<u>HE 135</u>			<u>HE 160</u>			<u>HE 161</u>			<u>HE 187</u>		
<u>Fraction</u>	<u>Mass</u>	<u>Assay</u>	<u>Tin Dis.</u>									
	(g)	(g/t Sn)	(%)									
+1.7 mm	29.8	80	7	11.1	80	20	4.8	N	0	8.6	80	6
+700 μm	26.6	N	0	8.3	N	0	1.9	N	0	12.9	N	0
+355 μm	18.4	80	4	27.7	N	0	4.4	N	0	13.3	80	10
+250 μm	5.7	250	4	24.5	N	0	6.1	N	0	8.6	N	0
+150 μm	5.7	3100	51	21.2	170	80	27.3	170	26	17.0	250	39
+ 75 μm	4.2	2600	32	4.5	N	0	26.4	170	25	19.2	170	30
- 75 μm	9.6	80	2	2.7	N	0	29.1	300	49	20.4	80	15
	<u>100</u>	<u>(300)</u>	<u>100</u>	<u>100</u>	<u>(40)</u>	<u>100</u>	<u>100</u>	<u>(180)</u>	<u>100</u>	<u>100</u>	<u>(110)</u>	<u>100</u>

Each sample was wet screened on 75 μm then the oversize dried and screened on above sieves

N = Nil.

Comment

In all samples the higher assays are in the -250 μm fractions. The -250, +75 μm fractions in all samples contain most of the tin. The only sample containing a high proportion of the tin in the -75 μm fraction is 664507.

In 664505 which is much coarser material than the rest 83% of the tin occurs in only 10% of the mass in the -250 + 75 μm fraction.