

SUMMARY OF QUALITY PARAMETERS

	<u>Fine Flower</u>	<u>Biggenden Concentrate</u>	<u>"Australian Sources"</u>		<u>U.S.A.</u>	<u>N.C.B.</u>
			<u>State "A" Bare Core</u>	<u>State "B" Concentrate</u>		
<u>Chemical:</u>						
Fe <sub>3</sub> O <sub>4</sub>	56	78	84	50	90	90
Fe <sub>2</sub> O <sub>3</sub>	23	15	5	49	3	1
SiO <sub>2</sub>	9	3	4	Tr	4	4
Al <sub>2</sub> O <sub>3</sub>	2	1	2	Tr	1	1
<u>Specific Gravity</u>	4.45	4.85	4.76	5.06	4.88	4.55
<u>Size -53 Microns</u>	96	95	90	88	98	4
<u>Magnetics</u>						
Parbuty Henty	86	98	87	95	94	90
Davis Tube (700 gauss)	59	93	84	61	84	79
Susceptibility (K800) e.m.u./gm	.030	.051	.050	.035	.045	.041
Saturation Moment e.m.u./gm	47	70	71	51	70	65
Coercive Force Oersteds (size 22 x 15 microns)	90	40	40	74	76	47
<u>Settling Rate mm/min.</u>						
As received (pulp S.G. 1.50)	5	21	16	N.D.	10	6
Magnetised (pulp S.G. 1.10)	345	336	390	662	385	215
<u>Rating</u>	8	29	26	20	28	24

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