Zn blasthole distribution for 3830
1973

002107

* smoothed by ellipses (no max Zn % used)

BL	TONS(p)	Zn(p)	Zn(m)	Z(p) - Z(m)
66-44	56,769	7.7	5.8	1.9
66-32	55,591	6.2	6.2	0.0
65-11	113,773	7.7	7.2	0.5
70-06	37,872	6.7	6.1	0.6
70-05	93,280	7.3	5.7	1.6
70-01	10,836	6.6	5.3	1.3
70-16	94,222	7.5	5.5	2.0
65-04	27,325	7.0	4.8	2.2
70-02	78,205	5.6	5.0	0.6
70-03	11,307	7.2	5.1	2.1
70-09	16,018	4.0	5.2	-1.2
65-5A	188,444	5.6	6.3	-0.7
66-15	140,497	6.4	5.6	0.8
70-14	107,414	7.1	6.4	0.7
66-23	57,947	6.4	6.8	-0.4
65-08	15,076	7.4	7.6	-0.2
72-03	167,951	6.5	6.3	0.2
66-08	48,996	6.0	5.6	0.4

wt. avg.	1,321,523	$\bar{x} = 6.61$ $s = 0.77$	$\bar{x} = 6.05$ $s = 0.63$	$\bar{x} = 0.56$ $s = 0.86$
st. avg.		$\bar{x} = 6.61$ $s = 0.92$ $n = 18$	$\bar{x} = 5.92$ $s = 0.77$ $n = 18$	$\bar{x} = 0.69$ $s = 1.00$ $n = 18$

$$t_{17} = \frac{0.56}{0.86/\sqrt{18}} = 2.76$$

$$t_{17;.05} = 2.11$$

∴ reject H_0 that $Zn(p) - Zn(m) = 0$