

## 3830 - Zinc tonnage block comparison

\* smoothed by ellipses and cut - 0.4

BL	TONS(p)	Zn(p)	Zn(m)	Zn(p) - Zn(m)
		7.3	5.8	1.5
		5.8	6.2	-0.4
		7.3	7.2	0.1
		6.3	6.1	0.2
		6.9	5.7	1.2
		6.2	5.3	0.9
		7.1	5.5	1.6
		6.6	4.8	1.8
		5.2	5.0	0.2
		6.8	5.1	1.7
		3.6	5.2	-1.6
		5.2	6.3	-1.1
		6.0	5.6	0.4
		6.7	6.4	0.3
		6.0	6.8	-0.8
		7.0	7.6	-0.6
		6.1	6.3	-0.2
		5.6	5.6	0.0

wt. avg.

$$\bar{x} = 6.21$$

$$s = 0.77$$

$$\bar{x} = 6.05$$

$$s = 0.63$$

$$\bar{x} = +0.16$$

$$s = 0.86$$

$$t_{17} = \frac{0.16}{0.86/\sqrt{18}} = 0.79$$

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

accept  $H_0$  that  $Zn(p) - Zn(m) = 0$