

Our test at 33% solids

SAMPLE #	CALC H ₂ O	ASSAY H ₂ O	oz/t _{ton} RESIDUE	Calc _{ton} Recovery	NaCN	lb/t _{ton} CaO
1	0.114	0.103	0.078	30.05	2.43	3.75
2	0.113	0.107	0.083	26.53	3.83	2.25
3	0.106	0.106	0.074	29.78	2.00	1.50
AVE	0.111	0.105	0.078	28.79	2.75	2.50
1K 1-2-3 (30% s)	0.095	0.088	0.058	39.00	11.82	0.74
40%	0.102	0.088	0.061	39.40	7.58	1.28
50%	0.090	0.088	0.054	39.20	3.20	5.86

$$x \cdot w = y$$

$$x = \frac{y}{w}$$

$$\frac{\text{kg}}{\text{t}} \times 2.2046 = \frac{\text{lb}}{\text{TON}} \times 1.102$$

→ what was NaCN maintained at?

$$\frac{\text{kg}}{\text{t}} \times 2 = \frac{\text{lb}}{\text{TON}}$$

→ NaCN much greater than consumption than our testwork

→ lime varied.