SOUTH WELL NEAR HOUSE

WATER ANALYSIS WORK SHEET

Description IRRIGATION WATER Lab No. 70-27

VINCE HILLYER RANCH Date Collected 5-13-70

LOS BANOS Collector HENDRICKS

Rec'd Lab: 5-13 Completed: 5-19 Reported to: HENDRICKS

pH 6.5	Conductance Ec x 10^3 1.96	Sum of Cations 19.6 me/l
Boron 11.50 = STD 3.25 = BLK 8.25 COR. STD 3.60 - 325 x 6 / 8.25 .125 / 100 = B p.p.m. .003	Calcium & Magnesium 5 + 45 = 50 13 = 5.90 Ca & Mg me/l x 2 11.8	Percent HCO_3 & CO_3 12 % Percent Ca & Mg 60 Percent Sodium 40 Possible Percent Sodium 46 19.6 - 2.4 =
Carbonate & Bicarbonate CO_3 me/l 0 HCO_3 2.4	Chloride Cl me/l	Sodium 19.6 11.8 7.8 Na me/l 7.8
		NITRATE (NO_3) ABOVE 50PPM POSS 60-80PPM (?) no good

NORTH WELL

WATER ANALYSIS WORK SHEET

Description IRRIG. WELL WATER Lab No. 70-28

VINCE HILLYER Date Collected 5-13-70

LOS BANOS Collector

Rec'd Lab: 5-13 Completed: 5-19 Reported to: HENDRICKS

pH 6.6	Conductance Ec x 10^3 1.82	Sum of Cations 18.2 me/l
Boron	Calcium & Magnesium	Percent HCO_3 & CO_3 11 %
	13 = 6.20	Percent Ca & Mg 68
		Percent Sodium 32
	1.0 - correct	Possible Percent Sodium 36
B p.p.m. .006 ?	Ca & Mg me/l x 2 12.4	~~5.8~~ 15.9
Carbonate & Bicarbonate	Chloride	Sodium 18.2 − 12.4 = 5.8
CO_3 me/l 0		
HCO_3 2.3	Cl me/l	Na me/l 5.8

NITRATE (NO_3)

ABOVE 90 PPM

POSS ~~70-90~~ ? PPM

16 ppm — correct