

**TABLE 2.3-10**

**SUMMARY OF SHALLOW OVERBURDEN DATA  
FOR OVERBURDEN ANALYSIS**

<b>Parameter</b>	<b>Statistics</b>	<b>All Samples Collected</b>
Calcium (meq/L)	Minimum	0.20
	<b>Average</b>	<b>7.76</b>
	Maximum	27.7
	<i>Number</i>	310
Magnesium (meq/L)	Minimum	0.10
	<b>Average</b>	<b>12.8</b>
	Maximum	75.8
	<i>Number</i>	310
Sodium (meq/L)	Minimum	0.20
	<b>Average</b>	<b>23.5</b>
	Maximum	142
	<i>Number</i>	310
SAR	Minimum	0.14
	<b>Average</b>	<b>8.39</b>
	Maximum	30.1
	<i>Number</i>	310
Paste pH (s.u.)	Minimum	5.6
	<b>Average</b>	<b>8.1</b>
	Maximum	9.1
	<i>Number</i>	310
Electrical Conductivity (mS/cm)	Minimum	0.25
	<b>Average</b>	<b>3.28</b>
	Maximum	12.0
	<i>Number</i>	310
Saturation Percent (%)	Minimum	22.0
	<b>Average</b>	<b>86.5</b>
	Maximum	250
	<i>Number</i>	310
Percent Sand (%)	Minimum	1
	<b>Average</b>	<b>27</b>
	Maximum	84
	<i>Number</i>	310
Percent Silt (%)	Minimum	9
	<b>Average</b>	<b>44</b>
	Maximum	73
	<i>Number</i>	310
Percent Clay (%)	Minimum	2
	<b>Average</b>	<b>28</b>
	Maximum	69
	<i>Number</i>	310

Notes:

- Arithmetic average shown.
- *Number* = total number of samples used in calculation
- SAR = Sodium Adsorption Ratio
- meq/L = millequivalent per liter
- mS/cm = milliSiemens per centimeter
- s.u. = standard units