

Project Name: Three Springs Latham land resources survey
Project Code: TSL Site ID: 0698 Observation 1 Agency Name: Agriculture Western Australia


## Laboratory Analyses Completed for this profile

| 15_NR_BSa | Exchangeable bases (Ca++) - meq per 100g of soil - Auto calculated from available |
| :---: | :---: |
| 15_NR_CMR | Exchangeable bases (Ca/Mg ratio) - Not recorded |
| 15A1_CA | Exchangeable bases (Ca2+, $\mathrm{Mg} 2+, \mathrm{Na}+, \mathrm{K}+$ ) - 1M ammonium chloride at pH 7.0 , no pretreatment |
| for soluble |  |
|  | salts |
| 15A1_CEC | Exchangeable bases (CEC) - 1M ammonium chloride at pH 7.0 , no pretreatment for soluble salts |
| for soluble | Exchangeable bases (Ca2+,Mg2+,Na+, $\mathrm{K}+$ ) - 1M ammonium chloride at pH 7.0 , no pretreatment |
|  | salts |
| for soluble |  |
|  | salts |
| for soluble | Exchangeable bases ( $\mathrm{Ca} 2+, \mathrm{Mg} 2+, \mathrm{Na+}, \mathrm{~K}+$ ) - 1M ammonium chloride at pH 7.0 , no pretreatment |
|  | salts |
| pretreatment for |  |
|  | soluble salts |
| 15C1_CEC | CEC - alcoholic 1M ammonium chloride at pH 8.5 , pretreatment for soluble salts |
| $\begin{aligned} & 15 \mathrm{C} 1-\mathrm{K} \\ & \text { soluble salts } \end{aligned}$ | Exchangeable bases and CEC - alcoholic 1M ammonium chloride at pH 8.5 , pretreatment for |
| $\begin{aligned} & \text { 15C1_MG } \\ & \text { soluble salts } \end{aligned}$ | Exchangeable bases and CEC - alcoholic 1M ammonium chloride at pH 8.5 , pretreatment for |
| 15C1_NA soluble salts | Exchangeable bases and CEC - alcoholic 1M ammonium chloride at pH 8.5 , pretreatment for |
| 15E1_AL | Exchangeable Al - by compulsive exchange, no pretreatment for soluble salts |
| 15E1_CA | Exchangeable bases (Ca2+,Mg2+,Na+,K+) by compulsive exchange, no pretreatment for soluble |
| salts |  |
| 15E1_K | Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts |
| 15E1_MG | Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts |
| 15E1_MN | Exchangeable bases (Mn2+) by compulsive exchange, no pretreatment for soluble salts |
| 15E1_NA | Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts |


| 15J_BASES | Sum of Bases |
| :--- | :--- |
| 15L1_a | Exchangeable bases Base saturation percentage (BSP) - Auto calculated from available using |
| Sum of Cations |  |
|  | and measured clay |
| 15N1_a | Exchangeable sodium percentage (ESP) - Auto calculated from available using CEC |
| 15N1_b | Exchangeable sodium percentage (ESP) - Auto calculated from available using Sum of Cations |
| 19B_NR | Calcium Carbonate (CaCO3) - Not recorded |
| 3_NR | Electrical conductivity or soluble salts - Not recorded |
| 4_NR | pH of soil - Not recorded |

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| 4B_AL_NR | Aluminium in 1:5 soil/0.01M calcium chloride extract - method not recorded |
| :--- | :--- |
| 4B1 | pH of 1:5 soil/0.01M calcium chloride extract - direct |
| 6A1_UC | Organic carbon (\%) - Uncorrected Walkley and Black method |
| 7A1_ | Total nitrogen - semimicro Kjeldahl, steam distillation |
| 9A3 | Total Phosphorus (ppm) - semimicro kjeldahl, automated colour |
| P10_NR_C | Clay (\%) - Not recorded |
| P10_NR_S | Sand (\%) - Not recorded |
| P10_NR_Z | Silt (\%) - Not recorded |

