

Section II
Soil and Site Information

Construction Materials Table 2
Potter County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
AgA: Agar-----	85	Fair Low content of organic matter Water erosion	0.12 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
AgB: Agar-----	90	Fair Low content of organic matter Water erosion	0.12 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
AmA: Agar-----	60	Fair Low content of organic matter Water erosion	0.12 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
Mobridge-----	30	Fair Low content of organic matter Water erosion Too clayey	0.50 0.90 0.98	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.97
AoA: Agar-----	60	Fair Low content of organic matter Water erosion	0.12 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
Mobridge-----	20	Fair Low content of organic matter Water erosion Too clayey	0.50 0.90 0.98	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.97
Tetonka-----	15	Fair Water erosion	0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.00	Poor Depth to saturated zone	0.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BgE: Betts-----	50	Fair Low content of organic matter Carbonate content	0.12 0.92	Poor Slope Low strength Shrink-swell	0.00 0.00 0.87	Poor Slope Hard to reclaim Rock fragments Carbonate content	0.00 0.68 0.68 0.92
Gettys-----	30	Poor Too clayey Low content of organic matter Water erosion	0.00 0.12 0.99	Poor Low strength Slope Shrink-swell	0.00 0.00 0.12	Poor Slope Too Clayey Hard to reclaim Rock fragments	0.00 0.00 0.95 0.95
BkE: Betts-----	55	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Poor Low strength Shrink-swell Slope	0.00 0.87 0.92	Poor Slope Carbonate content	0.00 0.92
Java-----	30	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Slope	0.00 0.92	Poor Slope	0.00
Bo: Bon-----	85	Fair Low content of organic matter	0.50	Fair Low strength	0.22	Good	
Bv: Bon-----	85	Fair Low content of organic matter	0.50	Fair Low strength	0.22	Good	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
CaA: Cavo-----	80	Poor Sodium content Low content of organic matter Too clayey Salinity Water erosion	0.00 0.12 0.59 0.88 0.99	Poor Low strength Shrink-swell	0.00 0.83	Poor Salinity Sodium content Too Clayey	0.00 0.22 0.35
Da: Davison-----	90	Fair Low content of organic matter Carbonate content Water erosion	0.50 0.84 0.99	Fair Low strength Depth to saturated zone	0.22 0.98	Fair Carbonate content Depth to saturated zone	0.84 0.98
De: Degrey-----	85	Poor Sodium content Too clayey Low content of organic matter Salinity Water erosion	0.00 0.00 0.12 0.88 0.90	Poor Low strength Shrink-swell	0.00 0.03	Poor Too Clayey Sodium content Salinity	0.00 0.22 0.88
DmA: Delmont-----	90	Fair Low content of organic matter Too sandy Droughty	0.12 0.14 0.70	Good		Poor Rock fragments Too sandy Hard to reclaim	0.00 0.14 0.32
DsD: Delmont-----	55	Fair Low content of organic matter Too sandy Droughty	0.12 0.14 0.70	Good		Poor Rock fragments Too sandy Hard to reclaim	0.00 0.14 0.32

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Schamber-----	30	Poor Too sandy Droughty Low content of organic matter	0.00 0.00 0.50	Good		Poor Too sandy Hard to reclaim Rock fragments Slope	0.00 0.00 0.00 0.37
Du: Durrstein-----	85	Poor Sodium content Too clayey Low content of organic matter Salinity Water erosion	0.00 0.00 0.12 0.88 0.99	Poor Shrink-swell Depth to saturated zone Low strength	0.00 0.00 0.00	Poor Sodium content Depth to saturated zone Too Clayey Salinity	0.00 0.00 0.00 0.00
EaA: Eakin-----	85	Fair Low content of organic matter Water erosion Too clayey	0.50 0.90 0.95	Poor Low strength Shrink-swell	0.00 0.41	Fair Too Clayey	0.79
EpB: Eakin-----	60	Fair Low content of organic matter Water erosion Too clayey	0.50 0.90 0.95	Poor Low strength Shrink-swell	0.00 0.41	Fair Too Clayey	0.79
Peno-----	25	Poor Too clayey Low content of organic matter	0.00 0.50	Poor Low strength Shrink-swell	0.00 0.12	Poor Too Clayey Salinity	0.00 0.88
EpC: Eakin-----	55	Fair Low content of organic matter Water erosion Too clayey	0.50 0.90 0.95	Poor Low strength Shrink-swell	0.00 0.41	Fair Too Clayey	0.79

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Peno-----	30	Poor Too clayey Low content of organic matter	0.00 0.50	Poor Low strength Shrink-swell	0.00 0.12	Poor Too Clayey Salinity	0.00 0.88
GeF: Gettys-----	85	Poor Too clayey Low content of organic matter Water erosion	0.00 0.12 0.99	Poor Slope Low strength Shrink-swell	0.00 0.00 0.12	Poor Slope Too Clayey Hard to reclaim Rock fragments	0.00 0.00 0.95 0.95
GlA: Glenham-----	90	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
GpB: Glenham-----	60	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
GrA: Glenham-----	55	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
Prosper-----	35	Fair Low content of organic matter Too clayey Water erosion	0.12 0.98 0.99	Poor Low strength Shrink-swell	0.00 0.90	Fair Too Clayey	0.93
GrB: Glenham-----	65	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Prosper-----	25	Fair Low content of organic matter Too clayey Water erosion	0.12 0.98 0.99	Poor Low strength Shrink-swell	0.00 0.90	Fair Too Clayey	0.93
HbA: Highmore-----	90	Fair Low content of organic matter Water erosion	0.50 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
HbB: Highmore-----	85	Fair Low content of organic matter Water erosion	0.50 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
HbC: Highmore-----	90	Fair Low content of organic matter Water erosion	0.50 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
HdA: Highmore-----	55	Fair Low content of organic matter Water erosion	0.50 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
Degrey-----	25	Poor Sodium content Too clayey Low content of organic matter Salinity Water erosion	0.00 0.00 0.12 0.88 0.90	Poor Low strength Shrink-swell	0.00 0.03	Poor Too Clayey Sodium content Salinity	0.00 0.22 0.88
HfA: Highmore-----	55	Fair Low content of organic matter Water erosion	0.50 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Mobridge-----	30	Fair Low content of organic matter Water erosion Too clayey	0.50 0.90 0.98	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.97
HgB: Highmore-----	55	Fair Low content of organic matter Water erosion	0.50 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
Peno-----	30	Poor Too clayey Low content of organic matter	0.00 0.50	Poor Low strength Shrink-swell	0.00 0.12	Poor Too Clayey Salinity	0.00 0.88
HgC: Highmore-----	45	Fair Low content of organic matter Water erosion	0.50 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
Peno-----	35	Poor Too clayey Low content of organic matter	0.00 0.50	Poor Low strength Shrink-swell	0.00 0.12	Poor Too Clayey Salinity	0.00 0.88
Ho: Hoven-----	80	Poor Too clayey Sodium content Low content of organic matter Salinity Water erosion	0.00 0.00 0.50 0.88 0.99	Poor Depth to saturated zone Shrink-swell Low strength	0.00 0.00 0.00	Poor Depth to saturated zone Too Clayey Sodium content Salinity	0.00 0.00 0.00 0.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Hu: Hurley-----	85	Poor Too clayey Droughty Sodium content Depth to bedrock Salinity Water erosion	0.00 0.00 0.00 0.58 0.88 0.99	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.00	Poor Too Clayey Sodium content Salinity Depth to bedrock	0.00 0.00 0.00 0.58
Hz: Hurley-----	55	Poor Too clayey Droughty Sodium content Depth to bedrock Salinity Water erosion	0.00 0.00 0.00 0.58 0.88 0.99	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.00	Poor Too Clayey Sodium content Salinity Depth to bedrock	0.00 0.00 0.00 0.58
Slickspots, Dry----	30	Not rated		Not rated		Not rated	
JbC: Java-----	55	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength	0.00	Good	
Betts-----	25	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.92
JgB: Java-----	45	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength	0.00	Good	
Glenham-----	40	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
JmE: Java-----	50	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Slope	0.00 0.92	Poor Slope	0.00
Schamber-----	25	Poor Too sandy Droughty Low content of organic matter	0.00 0.00 0.50	Fair Slope	0.92	Poor Too sandy Hard to reclaim Rock fragments Slope	0.00 0.00 0.00 0.00
Jr: Jerauld-----	75	Poor Sodium content Low content of organic matter Too clayey Salinity Water erosion	0.00 0.12 0.32 0.88 0.99	Poor Low strength Shrink-swell	0.00 0.04	Poor Sodium content Salinity Too Clayey	0.00 0.00 0.19
LoA: Lowry-----	85	Fair Low content of organic matter Water erosion	0.50 0.90	Fair Low strength	0.22	Good	
LoB: Lowry-----	90	Fair Low content of organic matter Water erosion	0.50 0.90	Fair Low strength	0.22	Good	
LoC: Lowry-----	80	Fair Low content of organic matter Water erosion	0.50 0.90	Fair Low strength	0.22	Good	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
LpC: Lowry-----	60	Fair Low content of organic matter Water erosion	0.50 0.90	Fair Low strength	0.22	Good	
Peno-----	25	Poor Too clayey Low content of organic matter	0.00 0.50	Poor Low strength Shrink-swell	0.00 0.12	Poor Too Clayey Salinity	0.00 0.88
LpD: Lowry-----	55	Fair Low content of organic matter Water erosion	0.50 0.90	Fair Low strength	0.22	Fair Slope	0.37
Peno-----	30	Poor Too clayey Low content of organic matter	0.00 0.50	Poor Low strength Shrink-swell	0.00 0.12	Poor Too Clayey Slope Salinity	0.00 0.37 0.88
Mo: Mobridge-----	85	Fair Low content of organic matter Water erosion Too clayey	0.50 0.90 0.98	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.97
OaA: Oahe-----	98	Poor Too sandy Low content of organic matter	0.00 0.12	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.02
OaB: Oahe-----	95	Poor Too sandy Low content of organic matter	0.00 0.12	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.02

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
OdB: Oahe-----	60	Poor Too sandy Low content of organic matter	0.00 0.12	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.02
Delmont-----	35	Fair Low content of organic matter Too sandy Droughty	0.12 0.14 0.70	Good		Poor Rock fragments Too sandy Hard to reclaim	0.00 0.14 0.32
OkF: Okaton-----	85	Poor Too clayey Droughty Depth to bedrock Water erosion	0.00 0.00 0.00 0.99	Poor Depth to bedrock Slope Shrink-swell Low strength	0.00 0.00 0.00 0.00	Poor Slope Too Clayey Depth to bedrock	0.00 0.00 0.00 0.00
OpB: Opal-----	85	Poor Too clayey Droughty Depth to bedrock Water erosion	0.00 0.02 0.58 0.99	Poor Depth to bedrock Shrink-swell Low strength	0.00 0.00 0.00 0.00	Poor Too Clayey Depth to bedrock	0.00 0.58
OpC: Opal-----	85	Poor Too clayey Droughty Depth to bedrock Water erosion	0.00 0.02 0.58 0.99	Poor Depth to bedrock Shrink-swell Low strength	0.00 0.00 0.00 0.00	Poor Too Clayey Depth to bedrock	0.00 0.58
OsD: Opal-----	55	Poor Too clayey Droughty Depth to bedrock Water erosion	0.00 0.02 0.58 0.99	Poor Depth to bedrock Shrink-swell Low strength Slope	0.00 0.00 0.00 0.92	Poor Too Clayey Slope Depth to bedrock	0.00 0.00 0.58

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Sansarc-----	30	Poor Too clayey Droughty Depth to bedrock Low content of organic matter Water erosion	0.00 0.00 0.00 0.60 0.99	Poor Depth to bedrock Shrink-swell Low strength Slope	0.00 0.00 0.00 0.50	Poor Slope Too Clayey Depth to bedrock	0.00 0.00 0.00 0.00
Pa: Orthents, Gravelly--	99	Fair Low content of organic matter Too sandy Droughty	0.12 0.14 0.29	Not Rated Slope	0.00	Poor Rock fragments Slope Too sandy Hard to reclaim	0.00 0.00 0.14 0.18
Pk: Plankinton-----	85	Poor Too clayey Low content of organic matter Water erosion	0.00 0.50 0.99	Poor Depth to saturated zone Shrink-swell Low strength	0.00 0.00 0.00	Poor Depth to saturated zone Too Clayey	0.00 0.00
PrA: Promise-----	90	Poor Too clayey Water erosion	0.00 0.99	Poor Shrink-swell Low strength	0.00 0.00	Poor Too Clayey	0.00
PrB: Promise-----	90	Poor Too clayey Water erosion	0.00 0.99	Poor Shrink-swell Low strength	0.00 0.00	Poor Too Clayey	0.00
RaA: Raber-----	85	Fair Too clayey Low content of organic matter Water erosion	0.32 0.50 0.99	Poor Low strength Shrink-swell	0.00 0.12	Fair Too Clayey	0.21

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RaB: Raber-----	85	Fair Too clayey Low content of organic matter Water erosion	0.32 0.50 0.99	Poor Low strength Shrink-swell	0.00 0.12	Fair Too Clayey	0.21
RcA: Raber-----	55	Fair Too clayey Low content of organic matter Water erosion	0.32 0.50 0.99	Poor Low strength Shrink-swell	0.00 0.12	Fair Too Clayey	0.21
Cavo-----	30	Poor Sodium content Low content of organic matter Too clayey Salinity Water erosion	0.00 0.12 0.59 0.88 0.99	Poor Low strength Shrink-swell	0.00 0.83	Poor Salinity Sodium content Too Clayey	0.00 0.22 0.35
RcB: Raber-----	60	Fair Too clayey Low content of organic matter Water erosion	0.32 0.50 0.99	Poor Low strength Shrink-swell	0.00 0.12	Fair Too Clayey	0.21
Cavo-----	25	Poor Sodium content Low content of organic matter Too clayey Salinity Water erosion	0.00 0.12 0.59 0.88 0.99	Poor Low strength Shrink-swell	0.00 0.83	Poor Salinity Sodium content Too Clayey	0.00 0.22 0.35
RgD: Raber-----	60	Fair Too clayey Low content of organic matter Water erosion	0.32 0.50 0.99	Poor Low strength Shrink-swell	0.00 0.12	Fair Too Clayey Slope	0.21 0.37

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Gettys-----	30	Poor Too clayey Low content of organic matter Water erosion	0.00 0.12 0.99	Poor Low strength Shrink-swell Slope	0.00 0.12 0.92	Poor Slope Too Clayey Hard to reclaim Rock fragments	0.00 0.00 0.95 0.95
Schamber-----	5	Poor Too sandy Droughty Low content of organic matter	0.00 0.00 0.50	Good		Poor Too sandy Hard to reclaim Rock fragments Slope	0.00 0.00 0.00 0.37
RhC: Raber-----	50	Fair Too clayey Low content of organic matter Water erosion	0.32 0.50 0.99	Poor Low strength Shrink-swell	0.00 0.12	Fair Too Clayey	0.21
Peno-----	30	Poor Too clayey Low content of organic matter	0.00 0.50	Poor Low strength Shrink-swell	0.00 0.12	Poor Too Clayey Salinity	0.00 0.88
Rn: Ranslo-----	85	Fair Sodium content Low content of organic matter Carbonate content Too clayey Water erosion	0.10 0.12 0.46 0.76 0.99	Poor Low strength Shrink-swell Depth to saturated zone	0.00 0.12 0.53	Poor Sodium content Too Clayey Carbonate content Depth to saturated zone Salinity	0.00 0.44 0.46 0.53 0.88

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Rr: Ranslo-----	60	Fair Sodium content Low content of organic matter Carbonate content Too clayey Water erosion	0.10 0.12 0.46 0.76 0.99	Poor Low strength Shrink-swell Depth to saturated zone	0.00 0.12 0.53	Poor Sodium content Too Clayey Carbonate content Depth to saturated zone Salinity	0.00 0.44 0.46 0.53 0.88
Durrstein-----	30	Poor Sodium content Too clayey Low content of organic matter Salinity Water erosion	0.00 0.00 0.12 0.88 0.99	Poor Shrink-swell Depth to saturated zone Low strength	0.00 0.00 0.00	Poor Sodium content Depth to saturated zone Too Clayey Salinity	0.00 0.00 0.00 0.00
RsA: Ree-----	90	Good		Poor Low strength Shrink-swell	0.00 0.95	Good	
Rt: Regan-----	85	Fair Carbonate content Water erosion	0.46 0.90	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.22 0.87	Poor Depth to saturated zone Carbonate content	0.00 0.92
Ranslo-----	4	Fair Sodium content Low content of organic matter Carbonate content Too clayey Water erosion	0.10 0.12 0.46 0.76 0.99	Poor Low strength Shrink-swell Depth to saturated zone	0.00 0.12 0.53	Poor Sodium content Too Clayey Carbonate content Depth to saturated zone Salinity	0.00 0.44 0.46 0.53 0.88

Section II
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Construction Materials Table 2
Potter County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
SaF: Sansarc-----	80	Poor Too clayey Droughty Depth to bedrock Low content of organic matter Water erosion	0.00 0.00 0.00 0.60 0.99	Poor Depth to bedrock Shrink-swell Low strength Slope	0.00 0.00 0.00 0.00	Poor Slope Too Clayey Depth to bedrock	0.00 0.00 0.00
ScF: Schamber-----	75	Poor Too sandy Droughty Low content of organic matter	0.00 0.00 0.50	Poor Slope	0.00	Poor Slope Too sandy Hard to reclaim Rock fragments	0.00 0.00 0.00 0.00
Te: Tetonka-----	80	Fair Water erosion	0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.00	Poor Depth to saturated zone	0.00
w: Water (less Than 40 Acres)-----	100	Not rated		Not rated		Not rated	
Wa: Walke-----	80	Poor Sodium content Too clayey Water erosion	0.00 0.00 0.99	Poor Low strength Shrink-swell	0.00 0.12	Poor Sodium content Too Clayey	0.00 0.00
Wf: Wendte-----	85	Poor Too clayey Water erosion	0.00 0.99	Poor Shrink-swell Low strength	0.00 0.00	Poor Too Clayey	0.00

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Wo: Worthing-----	90	Poor Too clayey Water erosion	0.00 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.00	Poor Too Clayey Depth to saturated zone	0.00 0.00
Wp: Worthing-----	95	Poor Too clayey Water erosion	0.00 0.99	Not Rated Depth to saturated zone Shrink-swell	0.00 0.00	Poor Too Clayey Depth to saturated zone	0.00 0.00

