**report**

| Field | Type |
|---|---|
| r_id | int |
| writeup_no | string |
| photo_no | string |
| examiner | string |
| transect_no | string |
| slope | int |
| aspect | string |
| elevation_min | int |
| elevation_max | int |
| forest | string |
| ranger_district | string |
| allotment | string |
| location | string |
| livestock | string |
| type_designation | string |
| type_des_trend | string |
| date | timestamp |
| total_grass | int |
| total_forb | int |
| total_browse | int |
| desirable | int |
| intermediate | int |
| least_desirable | int |
| composition | int |
| production | int |
| forage_condition | int |
| ground_cover | int |
| erosion | int |
| soil_condition | int |
| browse_condition | string |
| trend | string |
| notes | string |

**biomass_summary**

| Field | Type |
|---|---|
| b_id | int |
| r_id | int |
| species | string |
| trans1 | int |
| trans2 | int |
| trans3 | int |
| total | int |
| dry_weight | int |
| prod_dry_weight | int |
| composition | int |
| desirability_D | int |
| desirability_I | int |
| desirability_L | int |

**cover_summary**

| Field | Type |
|---|---|
| c_id | int |
| r_id | int |
| type | string |
| total | int |
| average | int |

**transect**

| Field | Type |
|---|---|
| t_id | int |
| r_id | int |
| transect_no | int |
| location | string |
| elevation | int |
| slope | int |
| type_designation | string |
| aspect | char |

**plot**

| Field | Type |
|---|---|
| p_id | int |
| t_id | int |
| plot_number | int |

**biomass**

| Field | Type |
|---|---|
| b_id | int |
| p_id | int |
| type | string |
| species | string |
| green_weight | int |

**cover**

| Field | Type |
|---|---|
| c_id | int |
| p_id | int |
| type | string |
| value | int |

**soil_summary**

| Field | Type |
|---|---|
| s_id | int |
| r_id | int |
| surface_texture | string |
| surf_text_thick | int |
| surf_text_ph | double |
| subsoil_texture | string |
| sub_text_thick | int |
| sub_text_ph | double |
| substratum_mat | string |
| eff_root_depth | string |
| general_remarks | string |
| avg_surface_loss | double |
| loss_over_area | int |
| gullies_length | double |
| gullies_depth | double |
| erosion_remarks | string |
| detachability | int |
| rock_coverage | int |
| adj_detachability | double |
| permeability | int |
| erod_index | double |
| erod_index_class | string |
| slope | int |
| eros_haz_class | string |
| compaction | string |
| displacement | string |
| cover_dispersion | string |
| potential_product | int |
| suit_reasons | string |

**report**

| | |
|---|---|
| r_id | int |
| writeup_no | string |
| photo_no | string |
| examiner | string |
| transect_no | string |
| slope | int |
| aspect | string |
| elevation_min | int |
| elevation_max | int |
| forest | string |
| ranger_district | string |
| allotment | string |
| location | string |
| livestock | string |
| type_designation | string |
| type_des_trend | string |
| date | timestamp |
| total_grass | int |
| total_forb | int |
| total_browse | int |
| desirable | int |
| intermediate | int |
| least_desirable | int |
| composition | int |
| production | int |
| forage_condition | int |
| ground_cover | int |
| erosion | int |
| soil_condition | int |
| browse_condition | string |
| trend | string |
| notes | string |

**biomass_summary**

| | |
|---|---|
| b_id | int |
| r_id | int |
| species | string |
| trans1 | int |
| trans2 | int |
| trans3 | int |
| total | int |
| dry_weight | int |
| prod_dry_weight | int |
| composition | int |
| desirability_D | int |
| desirability_I | int |
| desirability_L | int |

**cover_summary**

| | |
|---|---|
| c_id | int |
| r_id | int |
| type | string |
| total | int |
| average | int |

**transect**

| | |
|---|---|
| t_id | int |
| r_id | int |
| transect_no | int |
| location | string |
| elevation | int |
| slope | int |
| type_designation | string |
| aspect | char |

**soil_summary**

| | |
|---|---|
| s_id | int |
| r_id | int |
| surface_texture | string |
| surf_text_thick | int |
| surf_text_ph | double |
| subsoil_texture | string |
| sub_text_thick | int |
| sub_text_ph | double |
| substratum_mat | string |
| eff_root_depth | string |
| general_remarks | string |
| avg_surface_loss | double |
| loss_over_area | int |
| gullies_length | double |
| gullies_depth | double |
| erosion_remarks | string |
| detachability | int |
| rock_coverage | int |
| adj_detachability | double |
| permeability | int |
| erod_index | double |
| erod_index_class | string |
| slope | int |
| eros_haz_class | string |
| compaction | string |
| displacement | string |
| cover_dispersion | string |
| potential_product | int |
| suit_reasons | string |

**plot**

| | |
|---|---|
| p_id | int |
| t_id | int |
| plot_number | int |

**biomass**

| | |
|---|---|
| b_id | int |
| p_id | int |
| type | string |
| species | string |
| green_weight | int |

**cover**

| | |
|---|---|
| c_id | int |
| p_id | int |
| type | string |
| value | int |