| **Item #** | **Review Item** | | **Yes** | | **No** | **N/A** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Compressive Strength and Elastic Moduli of Intact Rock Core Specimens Under Varying States of Stress and Temperatures (ASTM D7012)** | | | | | |
|  | | **Method A:** | | | | | |
|  | | Sample Number |  |  | | |  |
|  | | Boring identification |  |  | | |  |
|  | | Alignment |  |  | | |  |
|  | | Northing |  |  | | |  |
|  | | Easting |  |  | | |  |
|  | | Depth interval of sample |  |  | | |  |
|  | | Specimen diameter and height |  |  | | |  |
|  | | Failure Sketch or photograph of specimen |  |  | | |  |
|  | | Rate of loading or deformation rate |  |  | | |  |
|  | | Unit weight |  |  | | |  |
|  | | Confining stress levels at which triaxial test was performed |  |  | | |  |
|  | | Plot of Mohr stress circles |  |  | | |  |
|  | | Triaxial compressive strength |  |  | | |  |
|  | | **Method B:** | | | | | |
|  | | Sample Number |  |  | | |  |
|  | | Boring identification |  |  | | |  |
|  | | Alignment |  |  | | |  |
|  | | Northing |  |  | | |  |
|  | | Easting |  |  | | |  |
|  | | Depth interval of sample |  |  | | |  |
|  | | Specimen diameter and height |  |  | | |  |
|  | | Failure sketch or photograph of specimen |  |  | | |  |
|  | | Graph of stress vs. strain |  |  | | |  |
|  | | Poisson’s ratio |  |  | | |  |
|  | | Unit weight |  |  | | |  |
|  | | Rate of loading or deformation rate |  |  | | |  |
|  | | **Method C:** | | | | | |
|  | | Sample Number |  |  | | |  |
|  | | Boring identification |  |  | | |  |
|  | | Alignment |  |  | | |  |
|  | | Northing |  |  | | |  |
|  | | Easting |  |  | | |  |
|  | | Depth interval of sample |  |  | | |  |
|  | | Specimen diameter and height |  |  | | |  |
|  | | Failure sketch or photograph of specimen |  |  | | |  |
|  | | Temperature at which test was performed if not room |  |  | | |  |
|  | | temperature |  |  | | |  |
|  | | Time to failure |  |  | | |  |
|  | | Loading, stress, or strain rate |  |  | | |  |
|  | | Uniaxial compressive strength |  |  | | |  |
|  | | **Method D:** | | | | | |
|  | | Sample Number |  |  | | |  |
|  | | Boring identification |  |  | | |  |
|  | | Alignment |  |  | | |  |
|  | | Northing |  |  | | |  |
|  | | Easting |  |  | | |  |
|  | | Depth interval of sample |  |  | | |  |
|  | | Specimen diameter and height |  |  | | |  |
|  | | Failure sketch or photograph of specimen |  |  | | |  |
|  | | Temperature at which test was performed if not room |  |  | | |  |
|  | | Time to failure |  |  | | |  |
|  | | Loading, stress, or strain rate |  |  | | |  |
|  | | Plot of the stress vs. strain curves |  |  | | |  |
|  | | Rate of loading or deformation rate |  |  | | |  |
|  | | **Splitting Tensile Strength of Intact Rock Core Specimens (ASTM D3967)** | | | | | |
|  | | Sample Number |  |  | | |  |
|  | | Boring identification |  |  | | |  |
|  | | Alignment |  |  | | |  |
|  | | Northing |  |  | | |  |
|  | | Easting |  |  | | |  |
|  | | Depth interval of sample |  |  | | |  |
|  | | Specimen diameter and height |  |  | | |  |
|  | | Rate of Loading |  |  | | |  |
|  | | Failure sketch or photograph of specimen |  |  | | |  |
|  | | Splitting tensile strength as calculated to nearest 0.01 percent |  |  | | |  |
|  | | Unit weight |  |  | | |  |

*For items marked* ***No****, provide comments or action items in the table below.*

| **Item #** | **Comments and Action Items** |
| --- | --- |
| Click to edit. | Click to edit. |

|  |
| --- |
| **This checklist may not be comprehensive to every project. All items may not be applicable for smaller projects. It is the responsibility of the reviewer to ensure that all necessary information has been provided and an adequate review performed.** |

|  |  |  |  |
| --- | --- | --- | --- |
| **QC Reviewer Name:** | Click to edit. | **Date:** | Click to edit. |
| **QC Reviewer (Signature):** |  | | |