Sample # Formation Age Location Lat/Long Date/Desciption Local in section Analyses

CO10-CT-3Jw Wanakah Fm Jurassic Chukar Trail N38° 36.512’ W107° 50.617’ July 25, 2010 massive gypsum S isotopes

CO10-CT-3Jw Wanakah Fm Jurassic Chukar Trail N38° 36.512’ W107°50.617’ July 25,2010 small nodular gypsum with intergranular iron and clays (?)

CO10-CT-3Jw Wanakah Fm Jurassic Chukar Trail N38° 36.512’ W107° 50.617’ July 25, 2010 shale interbed XRD by Christian Martin

CO10-CT-4Jw Wanakah Fm Jurassic Chukar Trail N38° 36.512’ W107° 50.617’ July 25,2010 lower gypsum with iron nodules and veins S isotopes

CO10-CT-5Jw Wanakah Fm Jurassic Chukar Trail N38° 36.621’ W107° 50.666’ July 25,2010 middle layer gypsum with green and ripple marks

CO10-Ct-6Jw Wanakah Fm Jurassic Chukar Trail N38° 36.621’ W107° 50.666’ July 25, 2010 upper gypsum later with green S isotopes