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

CO10-AP-1Jw Wanakah Fm Jurassic Artist’s Point N39° 04.368’ W108° 43.437’ August 5, 2010 black shale WRA, polished TS

CO10-AP-2Jw Wanakah Fm Jurassic Artist’s Point N39° 04.368’ W108° 43.437’ August 5, 2010 red shale and ss WRA, polished TS, XRD

CO10-AO-3Jw Wanakah Fm Jurassic Artist’s Point N39° 04.368’ W108° 43.437’ August 5,2010 green shale and ss WRA, polished TS, XRD

CO10-AP-4Jw Wanakah Fm Jurassic Artist’s Point N39° 04.368’ W108° 43.437’ August 5, 2010 brown shale within green section

CO10-AP-5Jw Wanakah Fm Jurassic Artist’s Point N39° 04.368’ W108° 43.437’ August 5, 2010 Liesegang in red shale WRA, polished TS, XRD

CO10-AP-6Jw Wanakah Fm Jurassic Artist’s Point N39° 04.368’ W108° 43.437’ August 5, 2010 blackish ss

CO10-AP-7Jw Wanakah Fm Jurassic Artist’s Point N39° 04.368’ W108° 43.437’ August 5, 2010 dark green shale with ss WRA, polished TS

CO10-AP-8Jw Wanakah Fm Jurassic Artist’s Point N39° 04.368’ W108° 43.437’ August 5, 2010 transition zone (from green to red) WRA, polished TS, XRD

CO10-AP-9Jw Wanakah Fm Jurassic Artist’s Point N39° 04.368’ W108° 43.437’ August 5, 2010 concretions WRA, polished TS

CO10-AP-10Jw Wanakah Fm Jurassic Artist’s Point N39° 04.368’ W108° 43.437’ August 5, 2010 top green XRD

CO10-AP-11Jw Wanakah Fm Jurassic Artist’s Point N39° 04.368’ W108° 43.437’ August 5, 2010 ss with green on top and bottom from intercalated basal section

CO10-AP-12Jw Wanakah Fm Jurassic Artist’s Point N39° 04.368’ W108° 43.437’ August 6, 2010 Fe nodules with Liesegang bands from uppermost green shale WRA, polished TS