

Enclosure 1 – Table of Site Eligibility Determinations

Additional information is needed to complete evaluation of several sites and to reinforce the eligibility determinations for others. Data needs are related to one or more of the following:

- A. An explicit statement of the extent of Holocene and terminal Pleistocene deposits both project-wide and within site descriptions.
- B. Justification of testing in relation to adequacy for evaluation (consideration of site size, vertical/horizontal extent, setting, depositional variation).
- C. Justification of testing in relation to expected effects.

The following table summarizes additional information needs related to each of these information areas and lists other comments. In several cases, identification of Holocene and older deposits is needed in order to (1) evaluate adequacy of testing and (2) determine testing needs regarding project effects.

Site (48CK)	Recorder NRHP Eligibility*	Agency NRHP Eligibility*	Information Needs			Other Issues
			A- Holocene/Pleistocene	B-Testing Adequacy	C-Effects	
1603	E	E High potential for buried stratified cultural deposits associated with paleoenvironmental data; likely to contain important information on Late Archaic subsistence; site has potential to extend outside current boundary into area lacking visibility.	Describe extent of Holocene and terminal Pleistocene deposits.		Within future mineralized target area. Complete testing for effect.	Shown as Eligible pending formal testing on Figure 1. Revise map. Project map should be revised to show one color code for all eligible sites.
2070	NE	U Tribal consultation required to complete evaluation.		Complete evaluation under Criterion A.	Adjacent to approximate monitor well ring perimeter accounting for future drilling.	

Site (48CK)	Recorder NRHP Eligibility*	Agency NRHP Eligibility*	Information Needs			Other Issues
			A- Holocene/Pleistocene	B-Testing Adequacy	C-Effects	
2071	NE	E Site has potential for buried cultural remains in alluvium indicated by positive test unit and fire-cracked rock (FCR) cluster in cut bank at 60 cm below surface; site is continuation of 48CK2072 and testing results there also apply to this adjacent section of the terrace.	Depositional setting is variable across the site. Identify Holocene and late Pleistocene deposits and potential for cultural material to be associated with them.	Test units are distant from surface discoveries and arroyo, and cutbank discoveries. Justify placement and adequacy to evaluate the entire site based on these efforts. Did not test portions of site in deeper alluvium.	The site is within future mineralized target area. Complete testing in relation to expected effects.	Provide documentation (photographs, sketches) of cutbank deposits and cultural material. Magnetometer results should not be cited in the evaluation if they provide no additional data.

Site (48CK)	Recorder NRHP Eligibility*	Agency NRHP Eligibility*	Information Needs			Other Issues
			A- Holocene/Pleistocene	B-Testing Adequacy	C-Effects	
2072	NE	E Contains buried cultural deposits in many areas of the site; has potential for deeply buried cultural strata containing subsistence data; has potential to provide important information about subsistence and settlement strategy and potential to provide chronological information based on stratigraphy and C14 dating of features.	The site has multiple depositional settings and demonstrated stratification. Identify Holocene and late Pleistocene deposits and potential for cultural material to be associated with them.	Inadequate testing for site boundaries. Potential for buried cultural materials in areas south and east of the existing road should be assessed. Provide rationale for ceasing excavation in 1x1-m units other than lack of cultural material. Explain sub-surface faunal remains as well as lithic material.	Site is within mineralized target area and impacts are wells, pipelines, and stock piles. Additional testing should be undertaken to assess effects from all actions.	Provide documentation of cutbank and features (photos, sketches, map location). Table 2 (as corrected) is missing data on test units and backhoe units. Block 5 vicinity contributes to significance (p.42), yet the report evaluates this site as ineligible. Only Block 4 labeled on Fig. 20.
2073	E	E Potential to provide significant information about Archaic subsistence and settlement strategy; site is in deep alluvium which is likely to preserve subsurface deposits.	Describe extent of Holocene and terminal Pleistocene deposits.	Single shallow shovel test is inadequate to determine depth of cultural deposits.	Within future drilling target area; monitoring wells are nearby. Avoidance or additional testing and mitigation are recommended.	Described in 2010 report as tentatively eligible. Described in 2012 report as eligible pending formal testing in Figure 2 and as eligible in Table 3.

Site (48CK)	Recorder NRHP Eligibility*	Agency NRHP Eligibility*	Information Needs			Other Issues
			A- Holocene/Pleistocene	B-Testing Adequacy	C-Effects	
2074	NE	U Two shovel tests are inadequate to evaluate site. Alluvium could contain deeply buried cultural remains (east half of site); sandy deposits (west half of site) are deep enough to preserve features.	Describe extent of Holocene and terminal Pleistocene deposits.	Additional testing of sandy deposits and alluvium.	Adjacent to mineralized area and future drilling target area.	
2075	E	E Extensive exposure of FCR clusters along cut bank of deep alluvial terrace indicates potential for buried hearths and cultural deposits providing information about subsistence and chronology.			Pipeline impacts site. Test for effects.	Described in 2010 report as tentatively eligible. Described in 2012 report as eligible pending formal testing in Figure 2 and as eligible in Table 3.

Site (48CK)	Recorder NRHP Eligibility*	Agency NRHP Eligibility*	Information Needs			Other Issues
			A- Holocene/Pleistocene	B-Testing Adequacy	C-Effects	
2076	E	E Buried hearth associated with stone arc has potential to provide data on local chronology and site functions, Tribal consultation required to complete evaluation under Criterion A.		Complete evaluation. May be eligible under A.	Within future drilling target area and near monitoring wells. Avoidance or additional testing and mitigation may be needed.	Described in 2012 report as eligible pending formal testing in Figure 2 and as eligible in Table 3.
2077	NE	E Testing identified extensive subsurface cultural remains (69% of formal tests positive); site may have potential to provide data on antelope-sized animal procurement in region focused on bison hunting; widespread porcellanite in site suggests potential for information about seasonal movements.	Describe extent of Holocene and terminal Pleistocene deposits.	Evidence for site is along terrace edge and testing is needed there as well as elsewhere east of the 'proposed disturbances'. Testing was too shallow to test for deeply buried cultural strata.	Within mineralized area and future drilling target area; major impacts from road and multiple pipelines. Testing and possibly mitigation are needed in relation to expected effects.	

Site (48CK)	Recorder NRHP Eligibility*	Agency NRHP Eligibility*	Information Needs			Other Issues
			A- Holocene/Pleistocene	B-Testing Adequacy	C-Effects	
2078	E	E Buried charcoal and ash stratum in alluvium indicates probable hearths and associated activity areas likely to provide data on chronology and intrasite activity patterning.			Adjacent to approximating perimeter for future drilling.	Described in 2010 report as tentatively eligible. Described in 2012 report as eligible pending formal testing in Figure 2 and as eligible in Table 3.
2079	E	E Artifact exposure along margins of deep alluvial terrace indicates potential for buried cultural deposits.		Not tested.		Described in 2010 report as tentatively eligible. Described in 2012 report as eligible pending formal testing in Figure 2 and as eligible in Table 3.
2080	E	E Artifact exposure along margins of deep alluvial terrace indicates potential for buried cultural deposits containing hearths.		Not tested.		Described in 2010 report as tentatively eligible. Described in 2012 report as eligible pending formal testing in Figure 2 and as eligible in Table 3.

Site (48CK)	Recorder NRHP Eligibility*	Agency NRHP Eligibility*	Information Needs			Other Issues
			A- Holocene/Pleistocene	B-Testing Adequacy	C-Effects	
2081	E	E Artifact exposure along margins of deep alluvial terrace and bone buried at 19 cm below surface indicate potential for buried cultural deposits containing data on chronology and subsistence.		Not tested.		Described in 2010 report as tentatively eligible. Described in 2012 report as eligible pending formal testing in Figure 2 and as eligible in Table 3.
2082	E	E Artifact exposure mainly on margins of deep alluvial terrace plus FCR buried at 20 cm below surface and bone buried at 15 cm below surface indicate potential for buried cultural deposits containing data on chronology and subsistence.		Not tested.		Described in 2010 report as tentatively eligible. Described in 2012 report as eligible pending formal testing in Figure 2 and as eligible in Table 3.

Site (48CK)	Recorder NRHP Eligibility*	Agency NRHP Eligibility*	Information Needs			Other Issues
			A- Holocene/Pleistocene	B-Testing Adequacy	C-Effects	
2083	E	E Contains buried hearths associated with fauna and lithics and dark organic soil stratum; potential to contribute significant data on subsistence, intra-site activity patterning, and chronology; contains Late Archaic and potentially additional components; additional buried cultural remains discovered on tribal site visit indicate that buried deposits may be found in the alluvium anywhere in the project area outside defined sites.	Multiple depositional settings described. Identify Holocene deposits and late Pleistocene deposits. Identify nature of buried dark organic stratum.	Testing not adequate to designate non-contributing portion. Deeper strata of alluvium were not tested.	Within mineralized target area; monitoring well and secondary access road impacts. Avoidance or additional testing and mitigation needed.	

Site (48CK)	Recorder NRHP Eligibility*	Agency NRHP Eligibility*	Information Needs			Other Issues
			A- Holocene/Pleistocene	B-Testing Adequacy	C-Effects	
2084	NE	U Additional testing required to complete eligibility; soil depth adequate to preserve buried features.		Additional testing recommended near FCR and other intact areas of site.	Within future mineralized target area. Adjacent to monitoring well.	
2085	E	E Buried cultural stratum with potential to contribute significant data on bison procurement and subsistence practices.	Describe extent of Holocene and terminal Pleistocene deposits.		Adjacent to topsoil stock pile and spoil stock pile.	Described in 2010 report as tentatively eligible. Described in 2012 report as eligible pending formal testing in Figure 2 and as eligible in Table 3.
2086	NE	E or U Testing may not be adequate to determine eligibility although 2 of 4 test units contained buried cultural deposits.	Clarify depositional setting: Explain deposits that contrast with other sites and TUs, i.e., sandy loam vs. clay and silt. Identify Holocene deposits.	Two of four 2012 test units contained buried cultural remains. Provide more information on unusual context. Large areas of site not tested including low visibility areas.		
2087	NE	U Native American consultation required.		Need to complete eligibility determination under Criterion A.		

Site (48CK)	Recorder NRHP Eligibility*	Agency NRHP Eligibility*	Information Needs			Other Issues
			A- Holocene/Pleistocene	B-Testing Adequacy	C-Effects	
2088	NE	NE Homestead does not contribute significant or new information about the homesteading era, is not associated with a significant person, does not contain features that are the best representative of a type, and does not appear to contain artifact deposits that would contribute new information about early 19th century homesteading.				
2089	E	E Buried cultural remains identified in testing.	Explain contrasting deposits among TUs. Identify Holocene deposits.	Artifacts left on backfilled unit and not fully described.		Described in 2010 report as tentatively eligible. Described in 2012 report as eligible pending formal testing in Figure 2 and as eligible in Table 3.

Site (48CK)	Recorder NRHP Eligibility*	Agency NRHP Eligibility*	Information Needs			Other Issues
			A- Holocene/Pleistocene	B-Testing Adequacy	C-Effects	
2090	E	E Site is in alluvial terrace and has potential for buried cultural deposits.				Described in 2010 report as tentatively eligible. Described in 2012 report as eligible pending formal testing in Figure 2 and as eligible in Table 3.
2091	E	E Potential to contribute data on McKean bison procurement, subsistence and settlement patterns; cultural deposits appear to be buried in alluvium.				Described in 2010 report as tentatively eligible. Described in 2012 report as eligible pending formal testing in Figure 2 and as eligible in Table 3.
2092	E	E Potential for buried cultural deposits in alluvium based on artifact locations on margin of stable terrace.				Described in 2010 report as tentatively eligible. Described in 2012 report as eligible pending formal testing in Figure 2 and as eligible in Table 3.

Site (48CK)	Recorder NRHP Eligibility*	Agency NRHP Eligibility*	Information Needs			Other Issues
			A- Holocene/Pleistocene	B-Testing Adequacy	C-Effects	
2093	NE	U Testing inadequate to determine eligibility; required description of site contents and disturbances are lacking in report.	Describe extent of Holocene deposits.	Describe lithic artifacts fully and show map locations of FCR. More detailed description of soils is needed (1 of 4 test units had subsurface artifacts and soil depth of 38cm is enough to bury a hearth). Need map of recent plowing in relation to artifacts recorded in order to evaluate the site.	Near monitoring well, pipeline, and secondary access road.	

* National Register of Historic Places (NRHP) Eligibility recommendations are one of the following: Eligible (E), Not Eligible (NE), or Unevaluated [needs further testing] (U).