# *USA UPLAND HEALTH ASSESSMENT (Survey)*

Record ID No: _____

Field Work Site ID: _____

Vegetation type: _____

Health rating: _____

Polygon trend?: _____

Approximate polygon size (acres): _____ ; (hect): _____

Polygon Centroid location (as determined by GIS):

Decimal Latitude: _____ Decimal Longitude: _____

Date Assessed: _____

Record ID No: _____

# NARRATIVE EXECUTIVE SUMMARY

Record ID No:

# NARRATIVE EXECUTIVE SUMMARY (Cont.)

# NARRATIVE EXECUTIVE SUMMARY (Cont.)

# NARRATIVE EXECUTIVE SUMMARY (Cont.)

Record ID No: _____

## ADMINISTRATIVE DATA

**A1.** Field data collected by: _____

**A2.** Funding Agency/Organization: _____

**A3a.** BLM State Office: _____

**A3b.** BLM Field Office/Field Station: _____

**A3c.** BLM Office Code: _____ **A3d.** Is the polygon in an active BLM grazing allotment? (Yes; No; NA): _____

If ***Yes,*** **A3e:** Allotment Number: _____

Allotment ID: _____

Allotment Name: _____

Management Status: _____

**A3f:** Allotment Number: _____

Allotment ID: _____

Allotment Name: _____

Management Status: _____

**A4.** USFWS Refuge: _____

**A5.** Reservation: _____

**A6.** NPS Park/NHS: _____

**A7.** USFS National Forest: _____

**A8.** Other Location: _____

**A9.** Year: _____ **A10.** Date field data collected: _____ **A11.** Observers: _____

**A12a.** At least some part of this polygon has been inventoried more than once (resampled)? (Yes; No): _____

If ***No,*** go to item **A13a.** If ***Yes,*** **A12b.** This polygon coincides exactly with another inventoried polygon? (Yes; No): _____

**A12c.** Is this the latest inventory for this polygon? (Yes; No): _____

**A12d.** ID No.(s) of other inventories of this polygon: _____, _____, _____, _____, _____

**A12e.** Other years: _____

**A12f.** This polygon shares common area with other inventoried polygon(s)? (Yes; No): _____ **A12g.** Other years: _____

**A12h.** ID No.(s) of other records sharing area with this polygon: _____, _____, _____, _____, _____

**A13a.** Has a change in management occurred? (Yes; No): _____ If ***Yes,*** **A13b.** Year that changed occurred: _____

**A13c.** Type of management change applied:

_____

_____

_____

## LOCATION DATA

**B1.** State/Province: _____ **B2.** County/Municipal district: _____

**B3.** Allotment/Range/Management unit: _____

**B4a.** Area name: _____

**B4b.** Group name: _____ **B4c.** Group number: _____ **B5.** Polygon number: _____

**B6.** Upland area label: _____

**B7.** Provided location (decimal degrees): Latitude, Longitude (Comment)

Location #1: _____

Location #2: _____

Location #3: _____

Location #4: _____

Location #5: _____

Location #6: _____

**B8.** Provided reach-code of primary NHD flowline (NHD permanent identifier) (if provided): _____

**B9.** Provided location (Township, Range, Section):

Record ID No: _____

**B10.** Average elevation of polygon (ft): _____ ; (m): _____

**B11a.** Polygon latitude/longitude coordinates: GPS Projection: _____

| | Deg | Min | Sec | N/S | Decimal | | Deg | Min | Sec | E/W | Decimal | Accuracy +/- ft | Accuracy +/- m | Observer Initial & WPT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WPT1: Lat: | | | | | | Lon: | | | | | | | | |
| WPT2: Lat: | | | | | | Lon: | | | | | | | | |
| WPT3: Lat: | | | | | | Lon: | | | | | | | | |
| WPT4: Lat: | | | | | | Lon: | | | | | | | | |
| Other Waypoints: | | | | | | | | | | | | | | |
| WPT5: Lat: | | | | | | Lon: | | | | | | | | |
| WPT6: Lat: | | | | | | Lon: | | | | | | | | |

**B11b.** Other Point Comments: _____

**B12.** Polygon centroid location (as determined by GIS): Decimal Latitude: _____ Decimal Longitude: _____

**B13.** Imagery used in delineating polygons (i.e., data source): _____

**B14.** Date of imagery (if known): _____

**PHYSICAL SITE DATA**

**C1.** Aspect: _____ degrees

**C2.** Slope steepness (Slight, Moderate, Severe, NA): _____

**C3a.** Is there exposed soil surface (bare ground)? (Yes; No): _____ If ***Yes,*** complete **C3b-d;** if ***No,*** go to **C4.**

**C3b.** Percent (%) of the plot which is exposed soil surface (bare ground): _____

**C3c.** Of this, how much is due to natural processes: _____ Human-caused disturbance: _____ (must approx. 100%)

**C3d.** Within ***each*** category (natural and human-caused), how much resulted from the listed processes?

**NATURAL PROCESSES** *(must approx. 100%)*

_____ Erosional
_____ Depositional
_____ Wildlife Use
_____ Type Dependent
_____ Saline/Alkaline
_____ Other

**HUMAN-CAUSED PROCESSES** *(must approx. 100%)*

_____ Grazing
_____ Timber Harvest
_____ Cultivation
_____ Other
_____ Construction
_____ Mining
_____ Recreation

Explain "Other": _____

**C4.** Vegetation community structure. How does present veg compare to potential?
(NC, Good, Slight Reduction, Moderate, Severe): _____

**C5.** Percent of polygon showing evidence of accelerated soil erosion by water and/or wind:
(NC, <1%, 1-15%,15-35%, >35%): _____

**C6.** Percent of polygon with adequate amount and distribution of plant litter and duff:
(NC, >90%, 60-90%, 30-60%, <30%): _____

**C7a.** Percent of polygon physically altered by human activities (aside from the vegetation):
(NC, <5%, 5-15%,15-35%, >35%): _____

**C7b.** Choose a category to describe the severity of the alteration recorded in C7a:
(NC, None, Slight, Moderate, Severe): _____

**C8.** Tree ***AND*** shrub removal by other than browsing: NA, NC, None (0-5%), Light (6-25%),
Moderate (26-50%), Heavy (>50%): _____

**C9a.** Is there evidence that part, or all, of the polygon has burned (e.g., charred wood, dead standing trees or shrubs, etc.)? (Yes; No; NC): _____ If ***Yes,*** **C9b.** Approx. how long ago? (0 to 5 years ago; more than 5 years ago): _____

**C9c.** Percent of polygon that was burned? (0-25%; 26-50%; 51-75%; 76-100%): _____

**C10.** Polygon trend (Is the polygon: Improving; Degrading; Static; or Status Unknown?): _____

Record ID No: _____

**SELECTED SUMMARY DATA**

**D1a.** Vegetation type (Forest or Woodland, Shrubland, Grassland, Modified Site): _____

**D1b.** Vegetation subtype: _____

**D2.** Approximate polygon size (acres): _____ ; (hect): _____

**D3.** Habitat Types/Community Types/Ecological Sites

| Classification Type Name | Phase | Approx. Percent of Polygon | Successional Stage or Comments |
|---|---|---|---|
| | | | |
| | | | |

**VEGETATION DATA**

Record ID No: _____

List the main plant species (in terms of canopy cover) in each of the four lifeforms (trees, shrubs, graminoids, and ferns and allies). Also estimate the canopy cover of these species within the polygon, the duration (i.e., perennial, .biennial, annual), and native or introduced. ***NOTE:*** It is not necessary to list herbaceous species with trace amounts of canopy cover.

**POLYGON SUMMARY**

Total number of species: _____ Number of native species: _____ Number of non-native species: _____

Total canopy cover of all species: _____ (%) Total canopy cover of native species: _____ (%)

**E1. TREES**

**E1a.** Are trees present? (Yes; No): _____

| 6 Letter Code | Scientific Name (Common Name) | Canopy Cover (%) | Duration | Native/ Introduced |
|---|---|---|---|---|
| | | | | |

**E1b.** Tree species by canopy cover (%) and percent age group (%)

| SPECIES | COV (%) | SDLG/DEC | | SPLG/DEC | | POLE/DEC | | MAT/DEC | | DEAD |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | |

| SPECIES | **E1c.** Regen. Category | **E1d.** Age Group Dist. Category | **E1e.** Sdlg/Splg Browse Utilization |
|---|---|---|---|
| | | | |

**E1f.** Total number of tree species: _____ **E1g.** Number of native tree species: _____

**E1h.** Number of non-native tree species: _____

**E1i.** Total canopy cover of all trees: _____ (%) **E1j.** Total canopy cover of native trees: _____ (%)

Record ID No: _____

**E2. SHRUBS**

**E2a.** Are shrubs present? (Yes; No): _____

| 6 Letter Code | Scientific Name (Common Name) | Canopy Cover (%) | Duration | Native/ Introduced |
|---|---|---|---|---|
| | | | | |

**E2b.** Shrub species canopy cover (%), age/size groups (%), and utilization

| SPECIES | COV (%) | SDLG-SPLG/UTIL | | MATURE/UTIL | | DEC-DEAD/UTIL | | **E2c.** Shrub Growth Form (N,F,U,C) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

**E2d.** Total number of shrub species: _____ **E2e.** Number of native shrub species: _____

**E2f.** Number of non-native shrub species: _____

**E2g.** Total canopy cover of all shrubs: _____ (%) **E2h.** Total canopy cover of native shrubs: _____ (%)

Record ID No: _____

**E3. GRAMINOIDS**

| 6 Letter Code | Scientific Name (Common Name) | Canopy Cover (%) | Duration | Native/ Introduced |
|---|---|---|---|---|
| | | | | |

**E3a.** Total number of graminoid species: _____ **E3b.** Number of native graminoid species: _____

**E3c.** Number of non-native graminoid species: _____

**E3d.** Total canopy cover of all graminoids: _____ (%) **E3e.** Total canopy cover of native graminoids: _____ (%)

**E4. FORBS/FERNS AND ALLIES**

| 6 Letter Code | Scientific Name (Common Name) | Canopy Cover (%) | Duration | Native/ Introduced | Forbs or Ferns/ Allies |
|---|---|---|---|---|---|
| | | | | | |

**E4a.** Total number of forbs/ferns and allies species: _____ **E4b.** Number of native forbs/ferns and allies species: _____

**E4c.** Number of non-native forbs/ferns and allies species: _____

**E4d.** Total canopy cover of all forbs/ferns and allies: _____ (%) **E4e.** Total canopy cover of native forbs/ferns and allies: _____ (%)

Record ID No: _____

The following is a list of the major plant species (in terms of canopy cover) in the four lifeforms (trees, shrubs, graminoids, and forbs/ferns and allies). Also included is the PLANTS symbol, wetland status, and invasive plant species status.

**TREES**

| 6 Letter Code | Scientific Name (Common Name) | Canopy Cover (%) | PLANTS Symbol | Wetland Status | Invasive Plant (Y/N) |
|---|---|---|---|---|---|
| | | | | | |

**SHRUBS**

| 6 Letter Code | Scientific Name (Common Name) | Canopy Cover (%) | PLANTS Symbol | Wetland Status | Invasive Plant (Y/N) |
|---|---|---|---|---|---|
| | | | | | |

Record ID No: _____

## GRAMINOIDS

| 6 Letter Code | Scientific Name (Common Name) | Canopy Cover (%) | PLANTS Symbol | Wetland Status | Invasive Plant (Y/N) |
|---|---|---|---|---|---|
| | | | | | |

## FORBS/FERNS AND ALLIES

| 6 Letter Code | Scientific Name (Common Name) | Canopy Cover (%) | PLANTS Symbol | Wetland Status | Invasive Plant (Y/N) |
|---|---|---|---|---|---|
| | | | | | |

Total canopy coverage of all OBL and FACW plant species combined: _____ %

Range of canopy coverage for all OBL and FACW plant species: _____ % to _____ %

Total canopy coverage of all OBL, FACW, and FAC plant species combined: _____ %

Range of canopy coverage for all OBL, FACW, and FAC plant species: _____ % to _____ %

## *UPLAND HEALTH ASSESSMENT (Survey) SCORE SHEET*

Record ID No: _____

| | Actual Score | Possible Score |
|---|---|---|
| **1.** Native Plant Species Canopy Cover (E1, E2, E3, E4) | | |
| **2.** Native Perennial Forb Canopy Cover (E4) | | |
| **3.** Vegetation Community Structure (C4) | | |
| **4.** Preferred Native Woody Species Establishment and/or Regeneration (E1b, E2b) | | |
| **5** Browse Utilization of Available Preferred Native Woody Vegetation (E1e, E2b) | | |
| **6.** Human-Caused Live Native Woody Veg. Removal by other than Browsing (C8) | | |
| **7** Native Woody Vegetation Standing Decadent and Dead (E1b, E2b) | | |
| **8a.** Total Canopy Cover of Invasive Plant Species (Weeds) (Weed List Below) | | |
| **8b.** Density/Distribution Pattern of Invasive Plant Species (Weeds) (Weed List Below) | | |

Are invasive species present? (Yes; No; NC): _____

List Invasive Plant Species present, including Percent Canopy Cover and Density Distribution Class:

| | Can.Cov. | Dens.Dist. | | Can.Cov | Dens.Dist. | | Can.Cov | Dens.Dist. |
|---|---|---|---|---|---|---|---|---|
| black henbane: | | | field scabiosa: | | | prickly Russian thistle: | | |
| broadleaved pepperweed: | | | field sowthistle: | | | purple loosestrife: | | |
| bull thistle: | | | flowering-rush: | | | Russian knapweed: | | |
| burningbush: | | | Fuller's teasel: | | | Russian olive: | | |
| butter and eggs: | | | houndstongue: | | | saltcedar (tamarisk): | | |
| Canada thistle: | | | leafy spurge: | | | Scotch cottonthistle: | | |
| cheatgrass: | | | lesser burdock: | | | spotted knapweed: | | |
| common tansy: | | | medusahead: | | | St. John's wort: | | |
| Dalmatian toadflax: | | | musk thistle: | | | sulphur cinquefoil: | | |
| diffuse knapweed: | | | North Africa grass: | | | tall buttercup: | | |
| Dyer's woad: | | | orange hawkweed: | | | whitetop: | | |
| field bindweed: | | | oxeye daisy: | | | yellow starthistle: | | |
| field brome: | | | paleyellow iris: | | | | | |

| | | |
|---|---|---|
| **9.** Disturbance-Increaser Undesirable Species (E3, E4) | | |
| **Vegetation Subtotal:** | | |
| **10.** Human-Caused Bare Ground (C3c) | | |
| **11.** Evidence of Accelerated Soil Erosion by Water and/or Wind (C5) | | |
| **12.** Plant Material Litter and Duff (C6) | | |
| **13a.** Human-Caused Physical Site Alteration (C7a) | | |
| **13b.** Severity of Human-Caused Physical Site Alteration (C7b) | | |
| **Soils / Landscape Stability:** | | |
| **Total Rating:** | | |

**Rating Calculation:**

(Actual Score/Possible Score) X 100 = Rating Percent — Descriptive Category

Vegetation: _____ / _____ x 100 = _____ _____

Soils / Landscape Stability: _____ / _____ x 100 = _____ _____

**OVERALL:** _____ / _____ x 100 = _____ _____

| *Rating Percent Range* | *Descriptive Category* |
|---|---|
| *80-100* | *Healthy* |
| *60-79* | *Healthy, but with Problems (HBP)* |
| *<60* | *Unhealthy* |

**14.** Polygon trend? (Improving; Degrading; Static; or Status Unknown): _____

**15.** Are factors contributing to unacceptable conditions outside the control of the manager? (Yes; No): _____

If ***Yes,*** what are those factors?

_____ Dewatering _____ Mining activities _____ Watershed condition
_____ Dredging activities _____ Road encroachment _____ Land ownership
_____ Other (specify): _____

**16a.** Is there evidence that part, or all, of the polygon has burned (e.g., charred wood, dead standing trees or shrubs, etc.)? (Yes; No; NC): _____

If ***Yes,*** **16b.** Approx. how long ago? (0 to 5 years ago; more than 5 years ago): _____

**16c.** Percent of polygon that was burned? (0-25%; 26-50%; 51-75%; 76-100%): _____

**17.** Comments and Observations: (Summarizing characteristics or problems not evident from the data collected. Consider current and historic attributes resulting from human-caused and natural processes.):

**18.** Detailed description of the polygon boundaries (if necessary):

Record ID No: _____

**PHOTOGRAPH DATA**

Photographer(s): _____

**F1**. Identification of photos taken at ***WPT1:***

Photo Location ***WPT1:*** Lat: Deg _____ Min _____ Sec _____ N/S _____ Decimal _____ Lon: Deg _____ Min _____ Sec _____ E/W _____ Decimal _____

Photo Direction at ***WPT1*** (degrees): _____ Photo nos.: (***WPT1***): _____

Photo Description (If necessary): (***WPT1***): _____

Photo Direction at ***WPT1*** (degrees): _____ Photo nos.: (***WPT1***): _____

Photo Description (If necessary): (***WPT1***): _____

Photo Direction at ***WPT1*** (degrees): _____ Photo nos.: (***WPT1***): _____

Photo Description (If necessary): (***WPT1***): _____

Photo Direction at ***WPT1*** (degrees): _____ Photo nos.: (***WPT1***): _____

Photo Description (If necessary): (***WPT1***): _____

**F2**. Identification of photos taken at ***WPT2:***

Photo Location ***WPT2:*** Lat: Deg _____ Min _____ Sec _____ N/S _____ Decimal _____ Lon: Deg _____ Min _____ Sec _____ E/W _____ Decimal _____

Photo Direction at ***WPT2*** (degrees): _____ Photo nos.: (***WPT2***): _____

Photo Description (If necessary): (***WPT2***): _____

Photo Direction at ***WPT2*** (degrees): _____ Photo nos.: (***WPT2***): _____

Photo Description (If necessary): (***WPT2***): _____

Photo Direction at ***WPT2*** (degrees): _____ Photo nos.: (***WPT2***): _____

Photo Description (If necessary): (***WPT2***): _____

Photo Direction at ***WPT2*** (degrees): _____ Photo nos.: (***WPT2***): _____

Photo Description (If necessary): (***WPT2***): _____

**F3**. Identification of photos taken at ***WPT3:***

Photo Location ***WPT3:*** Lat: Deg _____ Min _____ Sec _____ N/S _____ Decimal _____ Lon: Deg _____ Min _____ Sec _____ E/W _____ Decimal _____

Photo Direction at ***WPT3*** (degrees): _____ Photo nos.: (***WPT3***): _____

Photo Description (If necessary): (***WPT3***): _____

Photo Direction at ***WPT3*** (degrees): _____ Photo nos.: (***WPT3***): _____

Photo Description (If necessary): (***WPT3***): _____

Photo Direction at ***WPT3*** (degrees): _____ Photo nos.: (***WPT3***): _____

Photo Description (If necessary): (***WPT3***): _____

Photo Direction at ***WPT3*** (degrees): _____ Photo nos.: (***WPT3***): _____

Photo Description (If necessary): (***WPT3***): _____

Record ID No: _____

**F4**. Identification of photos taken at ***WPT4:***

Deg Min Sec N/S Decimal Deg Min Sec E/W Decimal

Photo Location ***WPT4:*** Lat: _____ _____ _____ _____ _____ Lon: _____ _____ _____ _____ _____

Photo Direction at ***WPT4*** (degrees): _____ Photo nos.: (***WPT4***): _____

Photo Description (If necessary): (***WPT4***): _____

Photo Direction at ***WPT4*** (degrees): _____ Photo nos.: (***WPT4***): _____

Photo Description (If necessary): (***WPT4***): _____

Photo Direction at ***WPT4*** (degrees): _____ Photo nos.: (***WPT4***): _____

Photo Description (If necessary): (***WPT4***): _____

Photo Direction at ***WPT4*** (degrees): _____ Photo nos.: (***WPT4***): _____

Photo Description (If necessary): (***WPT4***): _____

**F5**. ***Additional Locations: (Lat/Lon DMS and Decimal Degrees [WGS 84]; Observer Initial and Waypoint Number)*** Observer Initial & WPT

***Location #1:*** Lat: _____ _____ _____ _____ _____ Lon: _____ _____ _____ _____ _____ _____

Photo Direction at ***Location #1*** (degrees): _____ Photo nos.: (***Location #1***): _____

Photo Description (If necessary): (***Location #1***): _____

Photo Direction at ***Location #1*** (degrees): _____ Photo nos.: (***Location #1***): _____

Photo Description (If necessary): (***Location #1***): _____

Photo Direction at ***Location #1*** (degrees): _____ Photo nos.: (***Location #1***): _____

Photo Description (If necessary): (***Location #1***): _____

Photo Direction at ***Location #1*** (degrees): _____ Photo nos.: (***Location #1***): _____

Photo Description (If necessary): (***Location #1***): _____

***Location #2:*** Lat: _____ _____ _____ _____ _____ Lon: _____ _____ _____ _____ _____ _____

Photo Direction at ***Location #2*** (degrees): _____ Photo nos.: (***Location #2***): _____

Photo Description (If necessary): (***Location #2***): _____

Photo Direction at ***Location #2*** (degrees): _____ Photo nos.: (***Location #2***): _____

Photo Description (If necessary): (***Location #2***): _____

Photo Direction at ***Location #2*** (degrees): _____ Photo nos.: (***Location #2***): _____

Photo Description (If necessary): (***Location #2***): _____

Photo Direction at ***Location #2*** (degrees): _____ Photo nos.: (***Location #2***): _____

Photo Description (If necessary): (***Location #2***): _____

Record ID No: _____

***Location #3:*** Lat: _____ _____ _____ _____ _____ Lon: _____ _____ _____ _____ _____ _____

Photo Direction at ***Location #3*** (degrees): _____ Photo nos.: (***Location #3***): _____

Photo Description (If necessary): (***Location #3***): _____

Photo Direction at ***Location #3*** (degrees): _____ Photo nos.: (***Location #3***): _____

Photo Description (If necessary): (***Location #3***): _____

Photo Direction at ***Location #3*** (degrees): _____ Photo nos.: (***Location #3***): _____

Photo Description (If necessary): (***Location #3***): _____

Photo Direction at ***Location #3*** (degrees): _____ Photo nos.: (***Location #3***): _____

Photo Description (If necessary): (***Location #3***): _____

***Location #4:*** Lat: _____ _____ _____ _____ _____ Lon: _____ _____ _____ _____ _____ _____

Photo Direction at ***Location #4*** (degrees): _____ Photo nos.: (***Location #4***): _____

Photo Description (If necessary): (***Location #4***): _____

Photo Direction at ***Location #4*** (degrees): _____ Photo nos.: (***Location #4***): _____

Photo Description (If necessary): (***Location #4***): _____

Photo Direction at ***Location #4*** (degrees): _____ Photo nos.: (***Location #4***): _____

Photo Description (If necessary): (***Location #4***): _____

Photo Direction at ***Location #4*** (degrees): _____ Photo nos.: (***Location #4***): _____

Photo Description (If necessary): (***Location #4***): _____

***Location #5:*** Lat: _____ _____ _____ _____ _____ Lon: _____ _____ _____ _____ _____ _____

Photo Direction at ***Location #5*** (degrees): _____ Photo nos.: (***Location #5***): _____

Photo Description (If necessary): (***Location #5***): _____

Photo Direction at ***Location #5*** (degrees): _____ Photo nos.: (***Location #5***): _____

Photo Description (If necessary): (***Location #5***): _____

Photo Direction at ***Location #5*** (degrees): _____ Photo nos.: (***Location #5***): _____

Photo Description (If necessary): (***Location #5***): _____

Photo Direction at ***Location #5*** (degrees): _____ Photo nos.: (***Location #5***): _____

Photo Description (If necessary): (***Location #5***): _____

Record ID No: _____

***Location #6:*** Lat: _____ _____ _____ _____ _____ Lon: _____ _____ _____ _____ _____ _____

Photo Direction at ***Location #6*** (degrees): _____ Photo nos.: (***Location #6***): _____

Photo Description (If necessary): (***Location #6***): _____

Photo Direction at ***Location #6*** (degrees): _____ Photo nos.: (***Location #6***): _____

Photo Description (If necessary): (***Location #6***): _____

Photo Direction at ***Location #6*** (degrees): _____ Photo nos.: (***Location #6***): _____

Photo Description (If necessary): (***Location #6***): _____

Photo Direction at ***Location #6*** (degrees): _____ Photo nos.: (***Location #6***): _____

Photo Description (If necessary): (***Location #6***): _____

***Location #7:*** Lat: _____ _____ _____ _____ _____ Lon: _____ _____ _____ _____ _____ _____

Photo Direction at ***Location #7*** (degrees): _____ Photo nos.: (***Location #7***) _____

Photo Description (If necessary): (***Location #7***): _____

Photo Direction at ***Location #7*** (degrees): _____ Photo nos.: (***Location #7***): _____

Photo Description (If necessary): (***Location #7***): _____

Photo Direction at ***Location #7*** (degrees): _____ Photo nos.: (***Location #7***): _____

Photo Description (If necessary): (***Location #7***): _____

Photo Direction at ***Location #7*** (degrees): _____ Photo nos.: (***Location #7***): _____

Photo Description (If necessary): (***Location #7***): _____

***Location #8:*** Lat: _____ _____ _____ _____ _____ Lon: _____ _____ _____ _____ _____ _____

Photo Direction at ***Location #8*** (degrees): _____ Photo nos.: (***Location #8***): _____

Photo Description (If necessary): (***Location #8***): _____

Photo Direction at ***Location #8*** (degrees): _____ Photo nos.: (***Location #8***): _____

Photo Description (If necessary): (***Location #8***): _____

Photo Direction at ***Location #8*** (degrees): _____ Photo nos.: (***Location #8***): _____

Photo Description (If necessary): (***Location #8***): _____

Photo Direction at ***Location #8*** (degrees): _____ Photo nos.: (***Location #8***): _____

Photo Description (If necessary): (***Location #8***): _____