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Chapter III, Methodology

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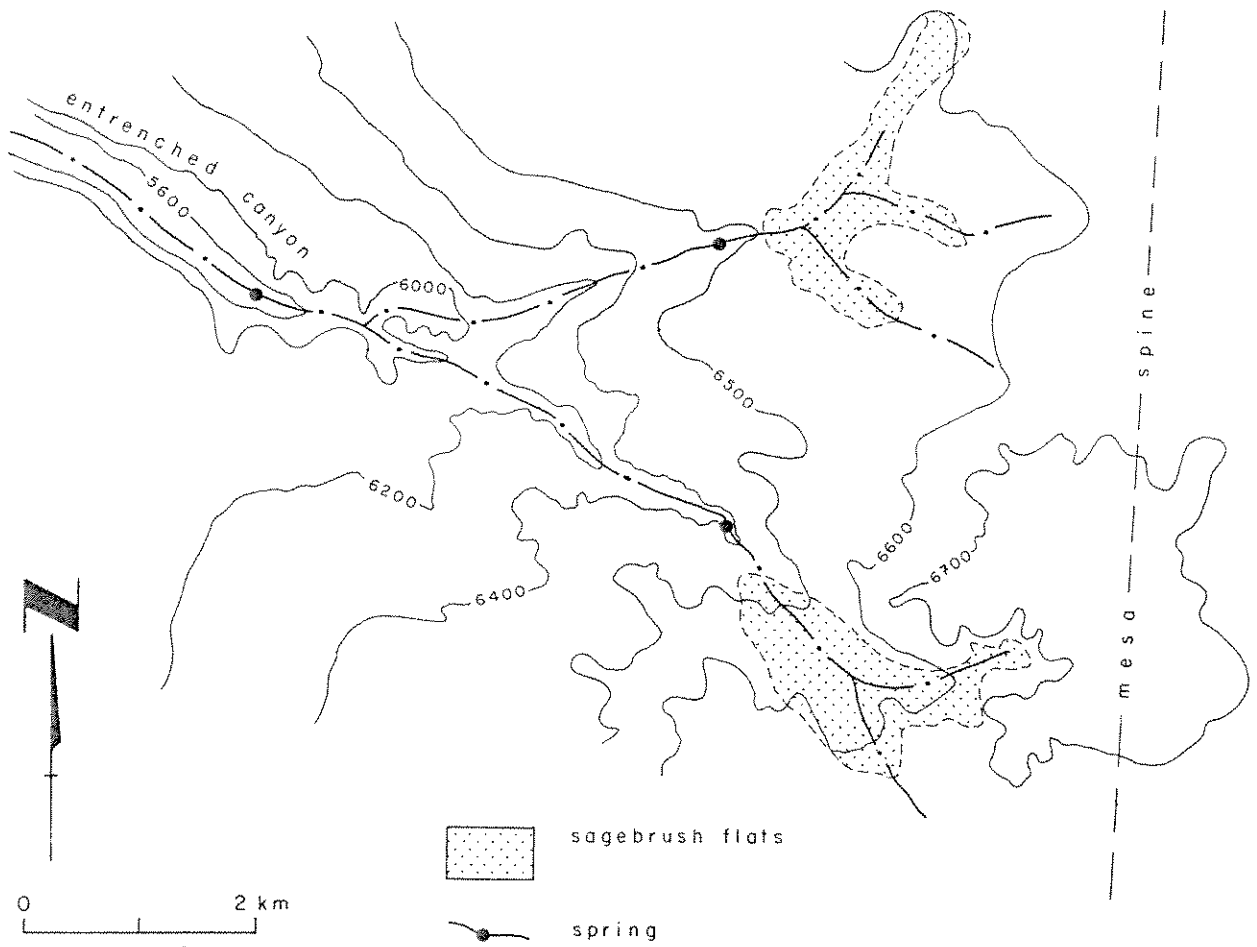


Figure III-1

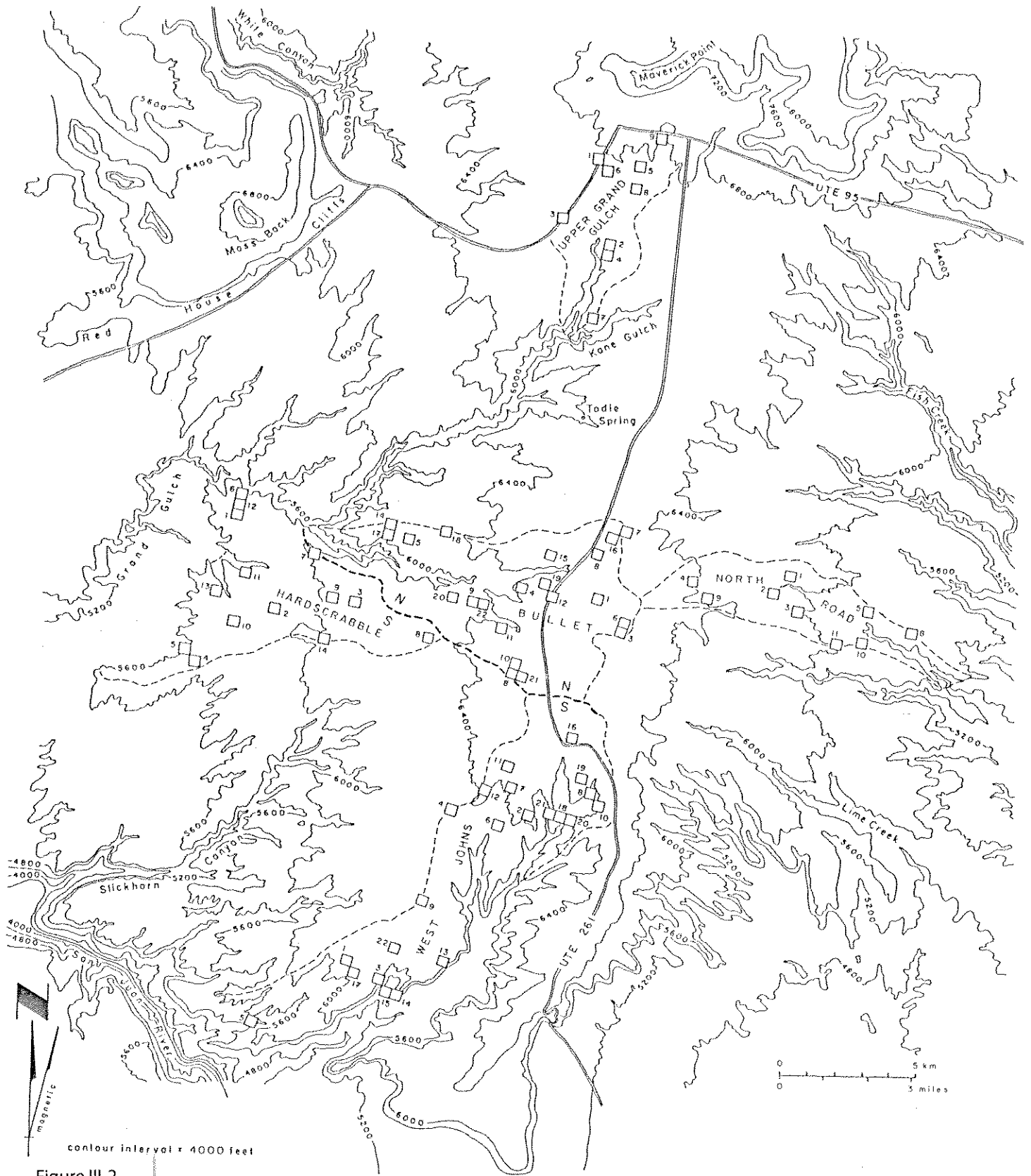
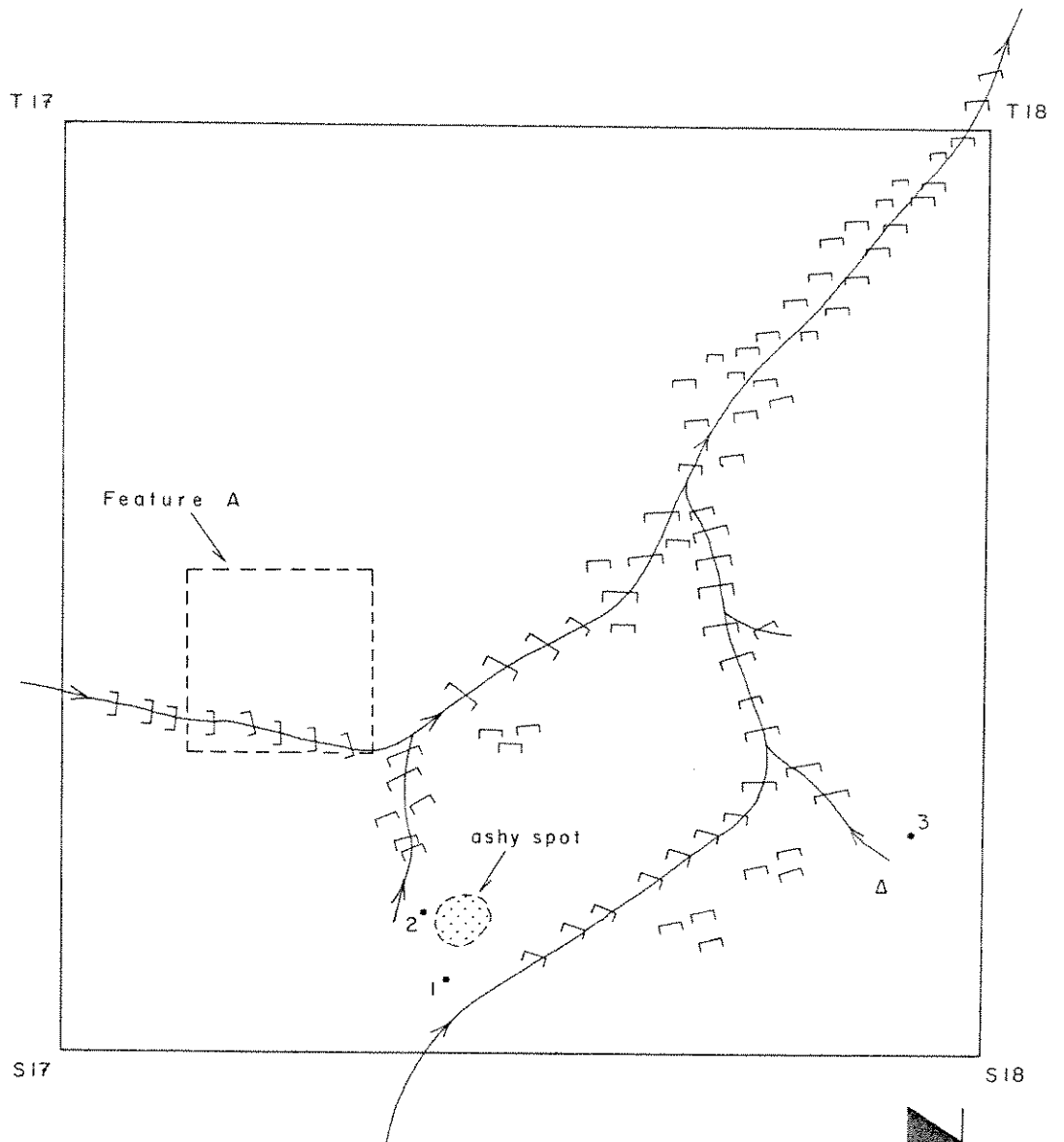


Figure III-2

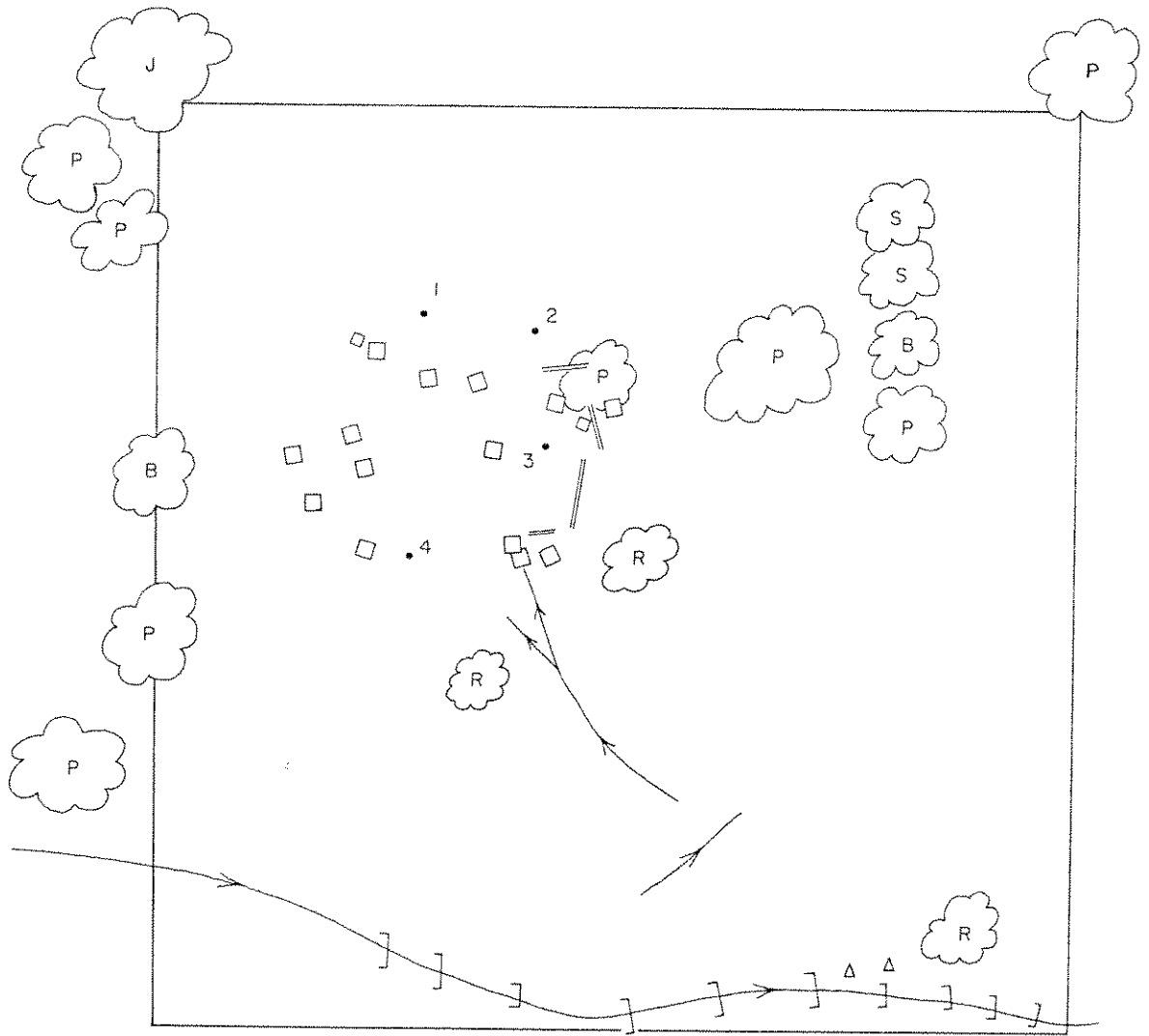


- <sup>3</sup> artifact location
- ┌ exposed bedrock
- Δ limestone
- ↘ drain

0 10 m



Figure III-3a



- <sup>3</sup> artifact location
- sandstone slab
- ≡ erect sandstone slab
- ⌋ exposed bedrock
- Δ limestone
- ↘ drain
- B buffaloberry
- S serviceberry
- P pine
- J juniper
- R rabbit brush

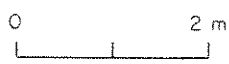


Figure III-3b

Cluster NR Quad 2 Site 5 Grid Des — Fea — Other — Refer Sites

The cultural notes included with the site/feature maps should include a description of the nature and distribution of probable structural remains and occupational evidence such as midden, ashy fill, etc. This would include size, shape, and volume of structural remains (e.g. slab scatters) and amount and location of disturbances, if any.

## a. Surficial observations of fill

Clean soil                       Sandstone chunks  
 Ashy soil                          burned  
 Charcoal                          unburned  
 Limestone chunks              indeterminate

## b. Inferential characteristics of structure

## Building techniques

Masonry N.A.Type: Dry  Mortared  Indeterminate Preparation of stones: Unshaped  Scabbled  Well-shaped  Other Slab construction Type of shaping: Unshaped  Scabbled  Well-shaped  Other  Indet Jacal construction N.A.Pits N.A.Roofing: N.A.

Roofed (indicate cribbing, beams, vigas, etc.) \_\_\_\_\_

Roofless \_\_\_\_\_

Indeterminant \_\_\_\_\_

Inferred size and shape of structure slab lined hearth ca. 2m L x 1m W  
x 0.5 m H.

## Inferred function of structure

Surface structure N.A.Permanent dwelling  Storage  Windbreak or other temporarily  
used room type structure  Indeterminant Pithouse N.A.Kiva  Habitation  Indeterminant Other Cist  Hearth  Retaining Wall  Defensive Wall  Water

Control Device (specify) \_\_\_\_\_ Other (specify) \_\_\_\_\_

Indeterminant \_\_\_\_\_

## c. Non-structural feature

Burial  Midden  Ashy spot  Chipping station  Burned  
sandstone and limestone cluster  Other (specify) \_\_\_\_\_

## d. Results of subsurface investigation

Location of test 3m tube test of hearth and ashy spot

Fill characteristics (note the maximum depth of occupational fill observed)

① Hearth - ash & charcoal ca. 2m dia and 7cm deep② Ashy spot - ca. 0.5m dia. and 10cm deepOther Remainder of cultural material surficial

## e. Prelim. estimate of date, cultural affiliation (specify basis of estimate)

Absence of pattern and burned limestone assoc. with  
little debris suggests a B.M.II special activity site.f. Photos taken (specify subject, roll and exposure no.) WL 73C2 - Exp #17

## g. Recommendations for further work (e.g., test pitting for subsistence information, etc.)

None recommended

(42503996)

CELAR MESA PROJECT SURVEY FORM: BOTANICAL

Date: 6/8/73

Recorder: P65 & JW

Cluster: NR Quadrat: 2 Site: 5 Quadrat or Site Subdivision: -

Feature: \_\_\_\_\_ Other: \_\_\_\_\_

To which of the above does this form refer: Site 5

General characterization of plant zone or community:
\_\_\_\_\_ Big Sage and grasses
\_\_\_\_\_ Cliffside
\_\_\_\_\_ Blackbrush
\_\_\_\_\_ Canyon bottom
\_\_\_\_\_ Pinyon-juniper
\_\_\_\_\_ Other (specify: \_\_\_\_\_)

Floral setting. Indicate dominant species with X, others observed with check mark. If appropriate, indicate approximate numerical ratio of representatives of dominant species to one another:

- Amaranth (Amaranthus sp.)
Ash, singleleaf (Fraxinus anomala)
Astragalus (Astragalus sp.)
Berberis (Berberis Fremonti)
Blackbrush (Coleogyne ramosissima)
Box elder (Acer negundo)
Buckwheat (Eriogonum sp.)
Buffaloberry, roundleaf (Shepherdia rotundifolia)
Cactus, hedgehog (Echinocactus sp.)
Cactus, prickly-pear (Opuntia sp.)
Chokecherry (Prunus sp.)
Cliffrose (Cowania mexicana)
Cottonwood (Populus Fremonti)
Goosefoot (Chenopodium sp.)
Grass, curly
Grass, Indian rice (Dryopsis hymenoides)
Grass, Siberian crested wheat
Grass, stipa (Stipa sp.)
Hackberry (Celtis reticulata)
Juniper, Utah (Juniperus osteosperma)
Juniper, Rocky Mountain (Juniperus scopulorum)
Jimson weed (Datura meteloides)
Mormon tea (Ephedra sp.)
Mountain mahogany, curl leaf (Cercocarpus ledifolius)
Mountain mahogany, birch or alder leaf (Cercocarpus montanus)
Oak, Gambel (Quercus Gambelii)
Pinyon (Pinus edulis)
Rabbitbrush, big (Chrysothamnus nauseosus)
Rabbitbrush, little (Chrysothamnus sp.)
Reed-cane (Phragmites communis)
Rock-daffodil
Sage, big (Artemesia tridentata)
Sage, black (Artemesia biocalovii)
Saltbush, four-wing (Atriplex canescens)
Sedge
Serviceberry, Utah (Amelanchier Utahensis)
Snakeweed (Gutierrezia sp.)
Squawbush (Rhus trilobata)
Tamarisk, French (Tamarix Gallica)
Thistle, Canada (Cirsium arvense)
Tumbleweed (Salsola Kali)
Winterfat (Eurotia lanata)
Yucca, banana (Yucca baccata)
Yucca, narrow-leaf (Yucca angustissima)

Others:

- Sep 1/17
Western wallflower
Umbelliferae
M...

Grid P-J Ratio
S17 40 20
Setaria
Crypha...

CEDAR MESA PROJECT PROJECT SURVEY FORM: PHYSIOGRAPHIC

(42823996)

Clus. NR Quad. 2 Site 5 Arbit. Subdiv. 5 Fea. — Other — Refer. Sites

a. Exposure: South east b. Drainage Direction: East and Northeast

c. Slope: (Indicate in degrees and minutes. Measurement is made from higher point to lower one. Note approx. location of two points, and direction of reading. Several measurements may be necessary in sites of complex slope configuration.)

A → A' - 9°10' - looking W → E across center of site grid

d. Dissection: — Rel. Undis.  Mod. Dis. — Highly Dis. —

e. Soil Cover: — Contin.  Thin — Patchy — Soil largely absent

f. Drainage depth: (Specify part of unit if variation present)  
— Shallow — Moderate — Deep

g. Soil characteristics: (Indicate type of test made and location. Very briefly describe botanical and physiographic setting of test hole. Describe principal soil zones encountered in test, and strength of soil reaction to acid in the various zones. Depths of zones and of acid tests should be noted. On large sites, several tests may need to be made.)

Test hole (60cm deep - shovel) located ca. 160N-12E in SW 1/4 of grid 517. Open level area surrounded by Pinyon, Juniper, Rabbitbrush, Sage hilly, and Buffaloberry

Depth	Zone Description	Acid Test
0-3cm	loose, dry, tan, silty sand	moderate
3-40cm	compact, damp, red-brown, silty sand w/ roots & other organic material	strong
40-60cm	compact, damp, red-brown silty sand with caliche	very strong

h. Surficial deposits: (Check all that are applicable to unit being described. If a type of deposit is rare on the site, so indicate.)

- Bedrock
- Caliche exposure
- Talus
- Colluvium
- Alluvium
- Sandy
- Gravelly
- Bouldery
- Fan Deposits
- Aeolian Deposits
- Sheet Deposit
- Recent
- Old
- Dunes
- Active
- Stabilized
- Residual Soil

i. Access to unit: Direction: All Ease of Access: Easy

j. Sheltering:  
 Naturally sheltered ( if only part of unit, specify part)  
 Always dry  
 Not always dry  
 Open

Cluster: BULL Quad: C7 Site: 2 Recorder: RG MATSON

Plant Community (Canyon-streamside, cliffside, p-j, big sage, blackbrush, other):

CLIFFSIDE + PJ PJ + SERVICE BERRY + GRASS

( Physiographic setting (Exposure; degree of natural sheltering; whether built on alluvium, colluvium, talus, bedrock ledge; mode of access to site; ease of access to canyon rim; relationship of site to arable soil, etc. Some of this can be shown on sketch map if necessary.):

UNDER OVERHANG FACING NE ON SW SIDE OF CANYON, UNDERNEATH TOP MOST LEDGE OF CANYON NO SOIL IN CANYON BOTTOM, RIM EASILY ACCESSABLE.

ROOM COULD HAVE ORIGINALLY BE BUILT TO ROOF OF OVER HANG, POSSIBLE MINIMAL

BLACKENING OF TRACK OR EVIDENCE

MOST OR SHELTER ALWAYS DAY NO EXTANT DOOR, COULD BE ENTERED DOWN WEST WALL. HEIGHT OF HIGHEST WALL

EL. 6380

Ceramic material observed:

- BMIII        NONE        Other (note below)
- Late PII Kayenta
- Late PII Mesa Verde
- PIII Mesa Verde

Comments on ceramics:

Lithic material observed:

- Manos        Abundant flakes
- Metates        Sparse flakes
- Abundant cores/core tools        Other (note below)
- Sparse cores/core tools

Comments on lithics:

Organic material observed:

WALL PAPER

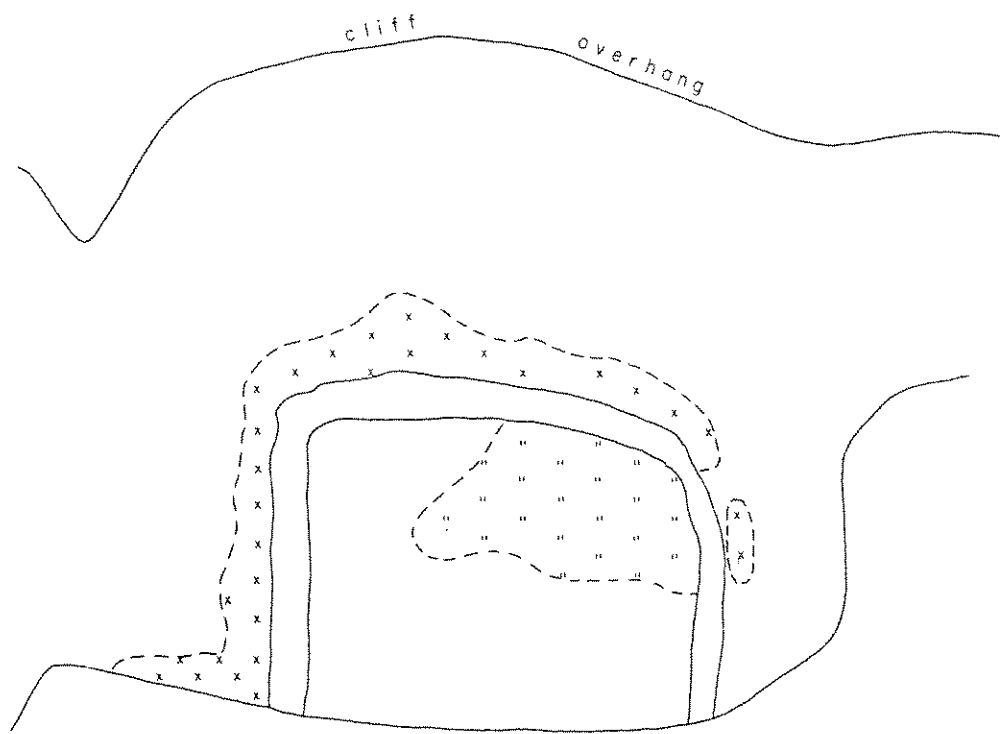
Artifactual material collected (briefly list): NONE

Dendro specimens present? NO More than 10        Less than 10       

Timing estimate for site: I - III

Estimated site function: HABITATION NO EVIDENCE FOR GRAINERY

Photos:



- |   |   |
|---|---|
| x | x |
| x |   |

stone rubble outside structure
- |   |   |
|---|---|
| " | " |
| " | " |

stone rubble within structure

structure built into base of cliff

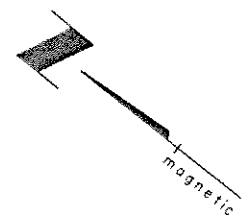


Figure III-7b

Cedar Mesa Project  
Water Resources Survey

B

C17 W52

July 11, 74

I. Watershed area

- Bullet
- Upper Grand
- Hardscrabble
- West Johns
- Upper Road

II. Water source number

IV. Ease of access to source

- Easily accessible from rim. Some distance from cany.
- Moderately difficult of access
- Very difficult of access
- Accessible only to wildlife

V. Type of water source (add descriptive comments at right, if necessary)

- Seep
- Flowing spring
- Pothole or tank
- Other (describe at right)

VI. Variability of source. Water is available:

- All seasons
- Spring
- Summer
- Fall
- Winter
- Wet years only
- Normal years
- Even in dry years

VII. Productivity of source.

For seeps and springs, estimate available water, in gallons per day.

- Normal year, season of max. yield \_\_\_\_\_ if source cleaned
- \_\_\_\_\_ if source uncleaned
- Normal year, season of min. yield \_\_\_\_\_ if source cleaned
- several gal/day \_\_\_\_\_ if source uncleaned

\* For pothole or tank, estimate amount of water held after a normal storm.

\* \_\_\_\_\_

\* Comments:

\* a 10 gal standing pool with a very slight runoff under overhang a very head of side canyon.

VIII. Type of physiographic situation

(side Canyon)

- Canyon head (point of entrenchment)
- Canyon bottom, steep upper part
- Canyon bottom, gentle lower part

- Canyon wall
- Mesa top
- Other

IX. Type of geological situation

- Bedding plane or joint in bedrock
- Contact between pervious and impervious layers (specify formations involved if different)
- Talus or landslide deposits
- Dune sand
- Alluvium
- Colluvium

X. Vegetation. Indicate plants noted at springs or seeps. Continue on back if necessary

redd & grasses, algal

XI. Animal sign noted at water source. Continue on back if necessary.

birds, chipmunk, water bugs.

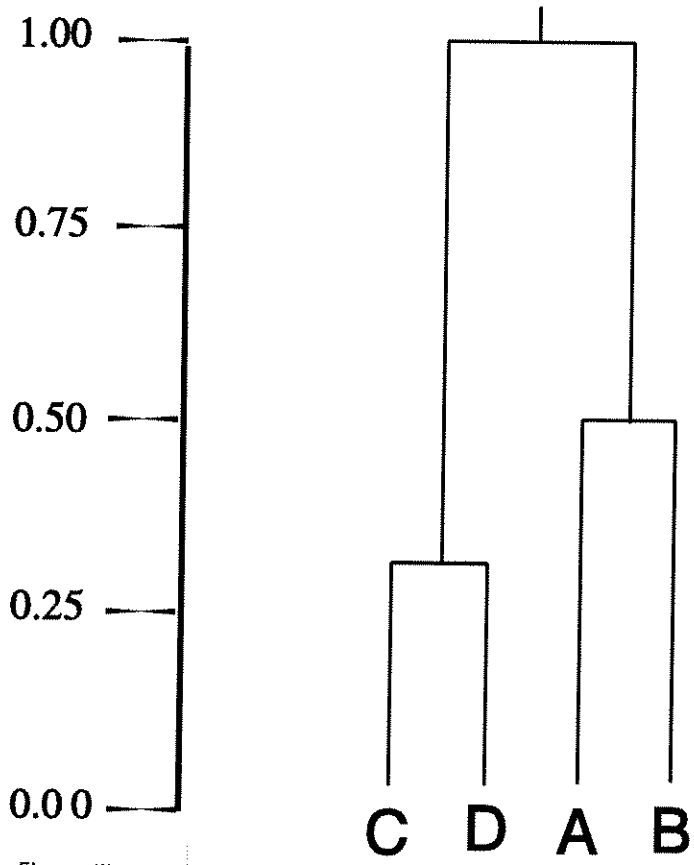


Figure III-9

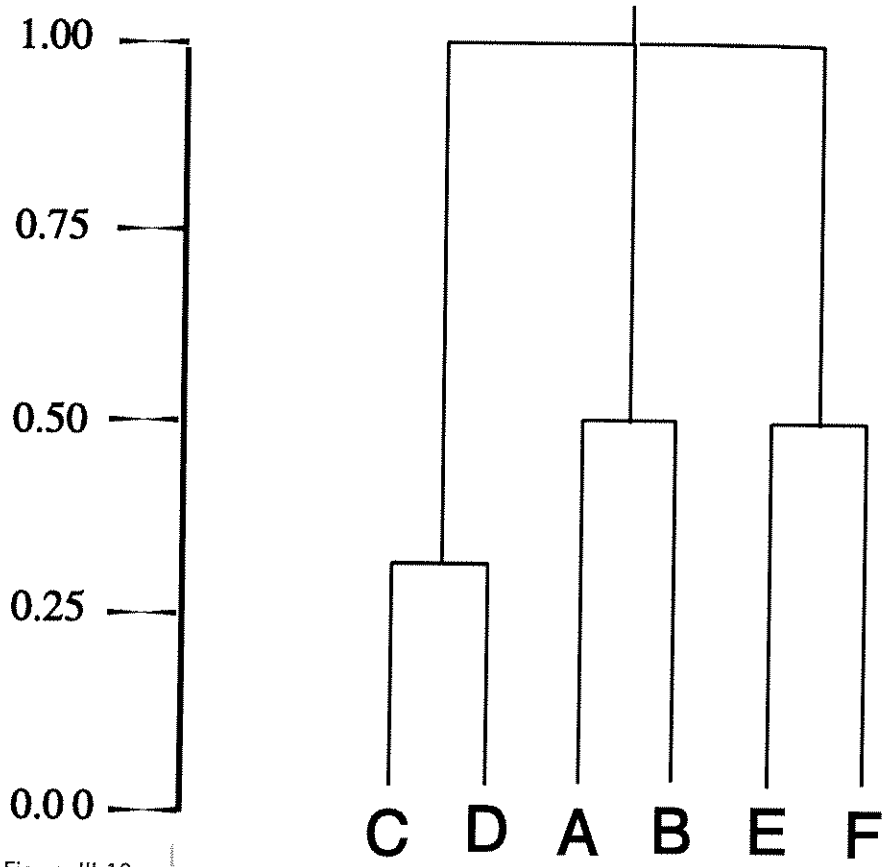


Figure III-10

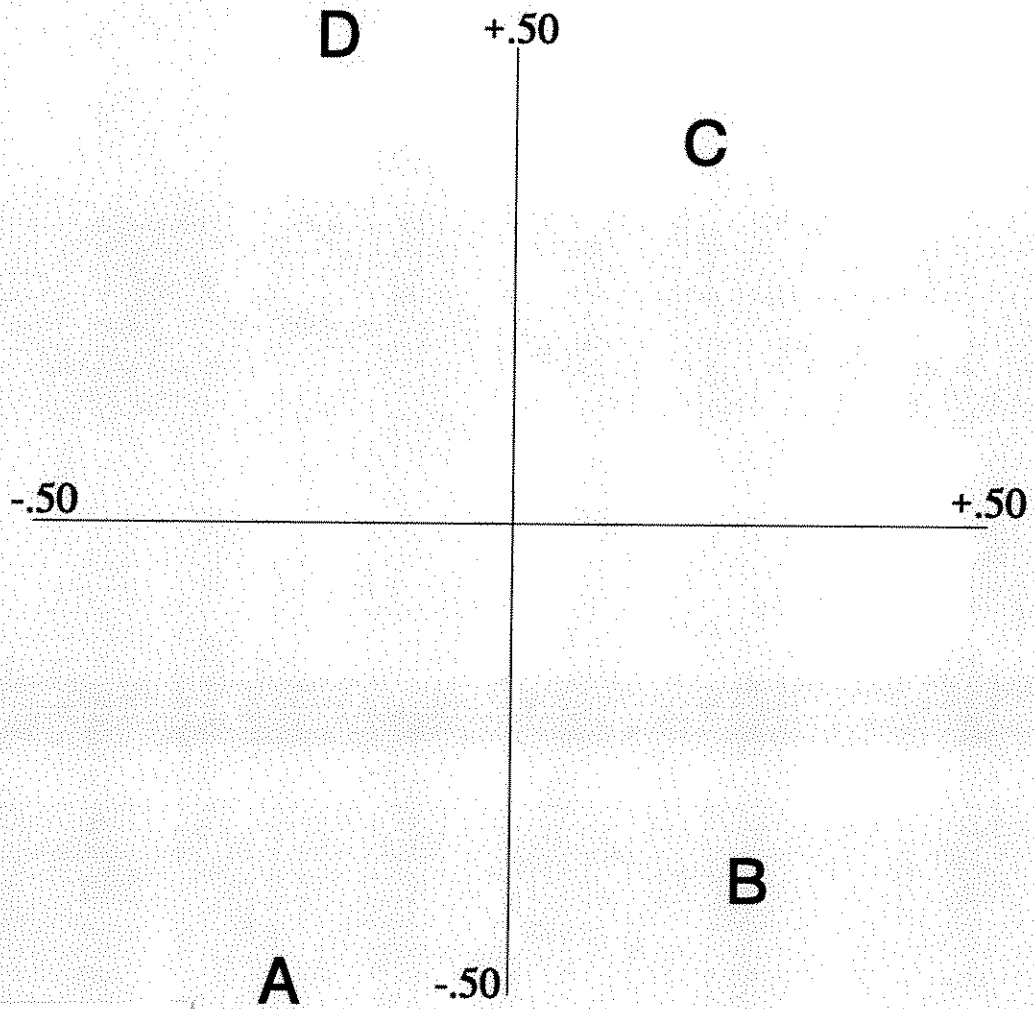


Figure III-11

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