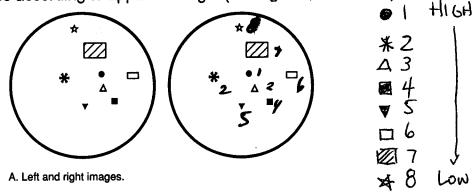
INTRO TO AIR PHOTO EXERCISES

Answer Key

1. Test of stereo vision. Use the pocket stereoscopes to view the left and right images in Figure A. Rank the shapes according to apparent height (1 = highest; 8 = lowest).



2. Air photos were obtained from an aircraft with an average camera altitude of 3050 m above the earth's surface. The lense has a focal length of 152 mm. What is the scale of the photographs? Round to the nearest whole number. Show all of your math work.

$$SCALE = \frac{1}{(H/f)} = \frac{1}{(3050 \text{m}/0.152 \text{m})} = 1:20,066$$

3. A photograph has a scale of 1:10,000 and the camera focal length was 152 mm. A cliff face is measured on the photograph with the following data:

Distance of cliff from principal point = 3.1 inches (as measured on the photo) Apparent height of cliff = 0.49 inches (as measured on the photo)

What is the actual height of the cliff face in meters? How about feet? (Show all your math

work)
$$h = \frac{H \cdot M}{H} \cdot \frac{HT}{H} \cdot \frac{HT}{H$$

787.4 m $r = (3.1 \text{ m})(10,000) = 31,000 \text{ m}(\frac{117}{12 \text{ m}}) = \frac{1.041.5}{787.4 \text{ m}}$ 4. A standard air photo frame is 9 inches x 9 inches in area. If a standard air photo has a scale of 1:63.360, using a 152 mm lense:

A) What will be the actual land area covered in square feet? how about square kilometers? $|SioE = (9 \text{ in})(63,360) = 570,240 \text{ in} \quad |FF = 47520 \text{ ft} / \frac{1 \text{m}}{3.281 \text{ft}}) = 14483,4 \text{m} \cdot (\frac{1 \text{km}}{1000 \text{ m}}) = 14.48 \text{ km}$

AREA(ft^2) = 47520 ft ×47520 ft = 2.26×10⁹ Ft² = 209.67 Km² B) What altitude will the aircraft have to fly at to produce these images? (show all math work)

$$\frac{1}{(H/f)} \rightarrow SCALE: \frac{1}{63,360} = \frac{1}{(H/f)} = \frac{f}{H}; \frac{1}{63,360} = \frac{0.152 \,\text{m}}{H};$$

$$H = (0.152 \,\text{m})(63,360) = 9630.72 \,\text{m} = \frac{1}{1}$$

$$31,598.4 \,f_{+}$$

5. Pick at least one stereo-photo pair each from: Crystal Set 1, Crystal Set 2, and the Aerial Stereo Photograph book. Make sure you can see in 3-D using the mirrored geoscopes and pocket stereoscopes.

Now try seeing in 3-D without the stereoscopes. Use the Meteor Crater example on p. 58 of the Aerial Stereo Photograph book. This is similar to "magic eye" 3-D picture viewing. Center each eye over the crater on each photo pair. Try holding the book upright in front of your face; start out close to your eyes and slowly move the photos away until the two separate left-right photos "dissolve" into a third photo in the center... see if you can get the apparent third photo to appear in 3-D.

Now try seeing 3D images in "Figure A" of question 1, without using the stereoscope. \overrightarrow{wAY}

6. Use either the mirrored geoscopes or pocket stereoscopes to make landscape observations about the following photographs:

Crystal Set 1 Photos 2LR, 4LR, 5LR, 9LR, 12LR, 15LR, and 17LR

Crystal Set 2 Photos 10AB, 13AB, 18AB, 19AB, and 20AB

Use the observation check lists on the pages that follow to guide you through the observation process. Fill out the data sheets and write a brief 100-200 word summary of your observations at the bottom of the each page. For the sake of convenience and neatness, download this exercise from the G322 page at my website (www.wou.edu/taylor), "saveas" a "text file", import into your favorite word processor, and complete your final work sheets / writing on the PC.

SINCE MY HANDWHITING IS POOR—I AM TOMLLY CAVABLED

TO MY PC/MIND PROCESSOR.

THIS WAS SUPPOSED TO MAKE IT

PASIEN BY YOU— NOT MONE DIFFICULT.

MY APOLICIES IT THE OPPOSITE WAS

TRUE.

S.T.

Air Photo I.D. SET 1 2L/R - WEST VIRGINIA
Choose one or more of all observations that apply.
1. General landscape patterns (linear dendritic radiating, parallel, circular, undulating, non-descript, other-explain):
2. General landscape relief (low, medium, high): MEDIUM — H
3. Overall hillslope gradients (gentle, moderate, steep): mtの - らかい
4. Vegetative Type (grasses, shrubs, trees, other-explain):
5. Vegetative Cover (non-existent, sparse, moderate, dense, other-explain): พีการสาร
6. Climate (humid, semi-arid, arid, other-explain):
7. Human Land-use (agricultural-grazing, agricultural-crops, residential, urban, industrial, forestry, mining, other-explain): Factory MINING 8. Dominant landscape-forming processes (erosion, deposition, anthropogenic activity, other-explain):
FEDSION / E.M.A. / MASS WASTINE)
9. Primary geomorphic agents (more than one possible: wind, water-fluvial, water-lacustrine, water-marine, ice-alpine glaciation, ice-continental glaciation, gravity-landslides, gravity-mass wasting/general, tectonics-uplift, tectonics-subsidence, tectonics-volcanism, other-explain):
tectonics-volcanism, other-explain): Funds who have a solution of the solution
(tectonics), solar energy (climate), other-explain): Gravity, Cimmon
11. Timing of dominant landscape-forming processes (present-day / ongoing, recent past, distant past, not evident, other-explain):
SUMMARY:

NOTE: THE IS CLASSIC
WEST VIRGINIA HOLBILLY
COUNTRY WITH MINE- PERATES
ACTIVITY

Air Photo I.D. SOT 1-4LR VIRGINA - Sitemannovart VALLEY

Choose one or more of all observations that apply.

1. General landscape patterns (linear, dendritic, radiating, parallel, circular, undulating, non-descript, other-explain): LINDING PORT PORT 3. Overall hillstope gradients (gentle, moderate, steep): MPO - 1 PORT 4. Vegetative Type (grasses, shrubs, trees, other-explain): PORT PORT 5. Vegetative Cover (non-existent, sparse, moderate, dense, other-explain): PORT PORT 6. Climate (humid, semi-arid, arid, other-explain): 7. Human Land-use (agricultural-grazing, agricultural-crops, residential, urban, industrial, forestry, mining, other-explain): 8. Dominant landscape-forming processes (crossion, deposition), explain (set of the explain): 8. Dominant landscape-forming processes (crossion, deposition), explain (set of the explain): 8. PORTARY PORTARY PORTARY PORTARY PORTARY 9. Primary geomorphic agents (more than one possible: mining water-fluxidal vester-lecustrine, water-marine, loe-alpine gleciation, loe-continential glaciation, gravity-landsides, gravity-mass wasting/general, tectonics-upliff, tectonics-subsidence tectonics-volentism, other-explain): 10. Dominant driving force behind landscape / geomorphic processes (more than one possible: gravity, earth's internal has (tectonics), solar energy (climate), other-explain): 11. Timing of dominant landscape-forming processes (present-day / ongoing, recent past, distant past, not evident, other-explain): PRESIDENT PORTARY PORTARY NOTE: THIS IS KNOWN AS IS KNOWN PORTARY NOTE: THIS IS KNOWN AS IS KNOWN PORTARY NOTE: THIS IS KNOWN AS IS KNOWN AS IS KNOWN PORTARY NOTE: THIS IS KNOWN AS IS KNOWN
2. General landscape relief (low, medium, high): \[\text{MPD} - \text{M} \text{6} \text{1} \\ 4. Vegetative Type (grasses, shrubs, trees, other-explain): \[\text{TPS} \text{Notes of the explain} \\ \text{NOTE} - \text{Dept of the explain} \\ \text{NOTE} \text{Notes of the explain} \\ \text{NOTE} \text{NOTE} \text{Notes of the explain} \\ \text{NOTE} \text{NOTE} \text{NOTE} \\ \text{NOTE} \text{NOTE} \text{NOTE} \\ \text{NOTE} \\ \text{NOTE} \text{NOTE} \\ \text{NOTE} \\ \text{NOTE} \text{NOTE} \\ NOTE
3. Overall hillslope gradients (gentle, moderate, steep): ### A Vegetative Type (grasses, shrubs, trees, other-explain): #### Tipes / Ken es f 5. Vegetative Cover (non-existent, sparse, moderate, dense, other-explain): #### ### ### ### ### ### ### ### ###
4. Vegetative Type (grasses, shrubs, trees, other-explain): Purt Nen es F
5. Vegetative Cover (non-existent, sparse, moderate, dense, other-explain): M(P) = D exists 6. Climate (humid, semi-arid, and, other-explain): M(P) = D exists 7. Human Land-use (agricultural-grazing, agricultural-crops, residential, urban, industrial, forestry, mining, other-explain): 8. Dominant landscape-forming processes (erosion, deposition, anthropogenic activity, other-explain): 8. Primary geomorphic agents (more than one possible: wind, water-fluvial, water-lacustrine, water-marine, ice-alpine glaciation, ice-continental glaciation, gravity-landslides, gravity-mass wasting/general, tectonics-uplift, tectonics-subsidence tectonics-volcanism, other-explain): Find / mai(mai
6. Climate (humid, semi-arid, arid, other-explain): 7. Human Land-use (agricultural-grazing, agricultural-crops, residential, urban, industrial, forestry, mining, other-explain): 8. Dominant landscape-forming processes (erosion, deposition, anthropogenic activity, other-explain): 8. Dominant landscape-forming processes (erosion, deposition, anthropogenic activity, other-explain): 8. Primary geomorphic agents (more than one possible: wind, water-fluvial, water-lacustrine, water-marine, ice-alpine glaciation, ice-continental glaciation, gravity-landslides, gravity-mass wasting/general, tectonics-uplift, tectonics-subsidence tectonics-volcanism, other-explain): 10. Dominant driving force behind landscape / geomorphic processes (more than one possible: gravity, earth's internal head (tectonics), solar energy (climate), other-explain): 11. Timing of dominant landscape-forming processes (present-day / ongoing, recent past, distant past, not evident, other-explain): 11. Timing of dominant landscape-forming processes (present-day / ongoing, recent past, distant past, not evident, other-explain): 12. KNOWN AS 13. KNOWN AS 14. SCNOWN AS 15. KNOWN AS 16. SCNOWN AS 17. AS 18. AND AS AS AS AS AS AS AS AS AS A
8. Dominant landscape-forming processes (erosion, deposition, anthropogenic activity, other-explain): Exos lar — m The . — DEFT THE ACOUNTY PROPERTY OF ACTION ACTION PROPERTY OF ACTION PROPERTY OF ACTION PROPERTY. 9. Primary geomorphic agents (more than one possible: wind, water-fluvial, water-lacustrine, water-marine, ice-alpine glaciation, ice-continental glaciation, gravity-landslides, gravity-mass wasting/general, tectonics-subsidence tectonics-volcanism, other-explain): 10. Dominant driving force behind landscape / geomorphic processes (more than one possible: gravity, earth's internal head (tectonics), solar energy (climate), other-explain): 11. Timing of dominant landscape-forming processes (present-day / ongoing, recent past, distant past, not evident, other-explain): 11. Timing of dominant landscape-forming processes (present-day / ongoing, recent past, distant past, not evident, other-explain): 12. FROWN ASTER BENOS! ASTER BENOS! ASTER BENOS! ASTER BENOS! ASTER BENOS! ASTER BENOS!
9. Primary geomorphic agents (more than one possible: wind, water-fluvial, water-lacustrine, water-marine, ice-alpine glaciation, ice-continental glaciation, gravity-landslides, gravity-mass wasting/general, tectonics-uplift, tectonics-subsidence tectonics-volcanism, other-explain): 10. Dominant driving force behind landscape / geomorphic processes (more than one possible: gravity, earth's internal head (tectonics), solar energy (climate), other-explain): 11. Timing of dominant landscape-forming processes (present-day / ongoing, recent past, distant past, not evident, other-explain): 11. Timing of dominant landscape-forming processes (present-day / ongoing, recent past, distant past, not evident, other-explain): 12. **PROWATE *** PROWATE *** PROWAT
glaciation, ice-continental glaciation, gravity-landslides, gravity-mass wasting/general, tectonics-uplint, tectonics-subsidence tectonics-volcanism, other-explain): Fewial / mas(was times 10. Dominant driving force behind landscape / geomorphic processes (more than one possible: gravity, earth's internal head (tectonics), solar energy (climate), other-explain): Charty, Climate 11. Timing of dominant landscape-forming processes (present-day / ongoing, recent past, distant past, not evident, other-explain): PRESENT -> ANCLE DIJING PAST SUMMARY: This Is Known AS BENOS! AS BENOS! Putton Benos! AS BENOS! AS ANALOS HE AN
(tectonics), solar energy (climate), other-explain): Charty, Climate 11. Timing of dominant landscape-forming processes (present-day/ongoing, recent past, distant past, not evident, other-explain): PRESENT -> ANCLE DISTANT PAST SUMMARY: MOTES THIS IS KNOWN AS SEVEN BENDS!! PATTON ARONG THE
explain): PRESENT -> AMELIA DIJIMAT PAST SUMMARY: AND A NOTE: THIS IS KNOWN AS "SEVEN BENOS" PAUTION ARONG THE THOMAND OAH RIVER.
MOTE: THIS IS KNOWN AS "SEVEN BENOS" POUTON ACONE THE CHANANDOAH RIVER.
PAUTION ACONE THE THOMANDOAH RIVEN.

Air Photo I.D. 3 E S C M JEAN WOOM
Choose one or more of all observations that apply.
1. General landscape patterns (linear, dendritic, radiating, parallel, circular, undulating, non-descript, other-explain):
PADIATING Ceneral landscape relief (low, medium, high): けいけい
3. Overall hillslope gradients (gentle, moderate, steep):
4. Vegetative Type (grasses, shrubs, trees, other-explain): A. P. N. A. B. OVE THE LINE - LOW EL. FOR PSTS
4. Vegetative Type (grasses, shrubs, trees, other-explain): ALPINE ABOVE THE LINE — LOW EL. FORESTS 5. Vegetative Cover (non-existent, sparse, moderate, dense, other-explain): NON-CXISTENT — HIGH EZ. / MOD — DENSE —> LOW EZ. 6. Climate (humid, semi-arid, arid, other-explain):
6. Climate (humid, semi-arid, arid, other-explain): Him 10 7. Human Land-use (agricultural-grazing, agricultural-crops, residential, urban, industrial, forestry, mining, other-explain):
7. Human Land-use (agricultural-grazing, agricultural-crops, residential, urbail, industrial, forestly, thinning, sand Nove - Fines Py 8. Dominant landscape-forming processes (erosion, deposition, anthropogenic activity, other-explain):
8. Dominant landscape-forming processes (erosion, deposition, anthropogenic activity, out of expensive separation). (FOS ION) 9. Primary geomorphic agents (more than one possible: wind, water-fluvial, water-lacustrine, water-marine, ice-alpine gravity-mass wasting/general, tectonics-uplift, tectonics-subsidence,
diaciation, ice-continental glaciation, gravity-landshados, gravity
tectonics-volcanism, other-explain): ALPINE GLACIATION / FLIVIA
10. Dominant driving force behind landscape / geomorphic processes (more than one possible: gravity, earth's internal heat (tectonics), solar energy (climate), other-explain): ALCH THE ABOVE RECONCE -> Vol. Avic
11. Timing of dominant landscape-forming processes (present-day / ongoing, recent past, distant past, not evident, other-
11. Timing of dominant landscape-forming processes (present-day) ongoing, the explain): PRIME -> DIVING PAST
SUMMARY:

NOTE: MT. RAINIES VOLCANIUM T HIGH AUTIMOS + GLACIPAS= OUTRAGOOUS SCANOPLY

Air Photo I.D. 9 L/R SOT 1 WYOMING FOCKIES
Choose one or more of all observations that apply.
1. General landscape patterns (linear, dendritic, radiating, parallel, circular, undulating, non-descript, other-explain):
The Evilar Ridge / Rom-Situation Applies laws 2. General landscape relief (low, medium, high):
3. Overall hillslope gradients (gentle, moderate, steep):
4. Vegetative Type (grasses, shrubs, trees, other-explain):
5. Vegetative Cover (non-existent, sparse, moderate, dense, other-explain):
6. Climate (humid, semi-arid, arid, other-explain):
「アルリー かんじつ 7. Human Land-use (agricultural-grazing, agricultural-crops, residential, urban, industrial, forestry, mining, other-explain):
8. Dominant landscape-forming processes (erosion, deposition, anthropogenic activity, other-explain):
デービックン 9. Primary geomorphic agents (more than one possible: wind, water-fluvial, water-lacustrine, water-marine, ice-alpine glaciation, ice-continental glaciation, gravity-landslides, gravity-mass wasting/general, tectonics-uplift, tectonics-subsidence,
tectonics-volcanism, other-explain): 6 (ACLAC EDOS (O) / MASS WASTING
10. Dominant driving force behind landscape / geomorphic processes (more than one possible: gravity, earth's internal heat (tectonics), solar energy (climate), other-explain):
11. Timing of dominant landscape-forming processes (present-day / ongoing, recent past, distant past, not evident, other-
explain): RETURN PAST - GCACIATTON
SUMMARY:

NOTE: CIRQUES & PRINTS 6 ACIDO VALLES ABOVE THEE LINE Air Photo Data Sheets

Air Photo I.D. IZER SET / MENANU RUTES, ID

Choose one or more of all observations that apply.

1. General landscape patterns (linear, dendritic, radiating, parallel, circular, undulating, non-descript, other-explain):

ILPEGUAC / CHADTIC TO LUFT / FECTIFUO WAR LAND WE / MI ETHUP BL. IM

2. General landscape relief (low, medium, high):

LOW

3. Overall hillslope gradients (gentle, moderate, steep):

GENT CE FLAT

4. Vegetative Type (grasses, shrubs, trees, other-explain):

SH QUEJ TO LUFT / CROSS ID AT.

5. Vegetative Cover (non-existent, sparse, moderate, dense, other-explain):

SH CULT TO LUFT

6. Climate (humid, semi-arid, arid, other-explain):

SEMI - HLIO

7. Human Land-use (agricultural-grazing, agricultural-crops, residential, urban, industrial, forestry, mining, other-explain):

8. Dominant landscape-forming processes (erosion, deposition, anthropogenic activity, other-explain):

VOLCANIC DEPOSITION / CONSTRUCTION FLUIT PLATE DEPOSITION

9. Primary geomorphic agents (more than one possible: wind, water-fluvial, water-lacustrine, water-marine, ice-alpine glaciation, ice-continental glaciation, gravity-landslides, gravity-mass wasting/general, tectonics-subsidence,

tectonics-volcanism, other-explain): Volcanism (Cimin Court), LAVA Rows (LEVT), Fouriff

10. Dominant driving force behind landscape / geomorphic processes (more than one possible: gravity, earth's internal heat (tectonics), solar energy (climate), other-explain): Volcanism

11. Timing of dominant landscape-forming processes (present-day / ongoing, recent past, distant past, not evident, other explain):

PECENT INT - PASSENT

SUMMARY:

NOTE: CLASSIC VOLCANIC

TORRAND

EVIDENCE FOR RECEVIT

VOLCANISM

ALSO CLASSIC MEAND ENING

FUVIAR SYSTEM

Air Photo I.D. SET ISLIR DEATH VALLEY
Choose one or more of all observations that apply.
1. General landscape patterns (linear, dendritic, radiating, parallel, circular, undulating, non-descript, other-explain):
BRAIDED FLUVIAL, LINEAR - ARCUAIT FIRES - FADIATING 2. General landscape relief (low, medium, high):
2. General landscape relief (low, medium, mgh). Low on Front, M-High on Mountains 3. Overall hillslope gradients (gentle, moderate, steep): (ATN) = 11 - 11 - 11 - 11 - 11 - 11 - 11 - 1
3. Overall hillslope gradients (gentle, moderate, steep): [MOD - HIGH IN MODNITION OF BRAID PLANS 4. Vegetative Type (grasses, shrubs, trees, other-explain): SHRUPS - CLASS OF
5 Vegetative Cover (non-existent sparse, moderate, dense, other-explain):
6. Climate (humid, semi-arid, arid, other-explain):
7. Human Land-use (agricultural-grazing, agricultural-crops, residential, urban, industrial, forestry, mining, other-explain):
8 Dominant landscape-forming processes (erosion, deposition, anthropogenic activity, other-explain):
9. Primary geomorphic agents (more than one possible: wind, water-fluvial, water-lacustrine, water-marine, ice-alpine glaciation, ice-continental glaciation, gravity-landslides, gravity-mass wasting/general, tectonics-uplift, tectonics-subsidence,
tectonics-volcanism, other-explain): WARN- FUVIA, MASS WASTING
10. Dominant driving force behind landscape / geomorphic processes (more than one possible: gravity, earth's internal heat (tectonics), solar energy (climate), other-explain): AL OF THE AROVE / CLIMATE IMPORTANT
11. Timing of dominant landscape-forming processes (present-day / ongoing, recent past, distant past, not evident, other-explain): PRESENT - PRESENT PAST
SUMMARY:

NOTE: CLASSIC "CLOSED DRAINAGE SYSTEMS! -I.E. NOT ENOUGH RAIN FACE TO DRIVE PIVERS 10 MOVE SEDIMENT ON OF THE VALLEYS. NOTE FAN: 8 BAJAOAS

Air Photo I.D. SET 1 174R MISSISS IPPI
Choose one or more of all observations that apply.
I. General landscape patterns (linear, dendritic, radiating, parallel, circular, undulating, non-descript, other-explain): MEANDERING / ARCUMP 2. General landscape relief (low, medium, high):
3. Overall hillslope gradients (gentle, moderate, steep):
4. Vegetative Type (grasses, shrubs, trees, other-explain):
5. Vegetative Cover (non-existent, sparse, moderate, dense, other-explain):
· · · · · · · · · · · · · · · · · · ·
6. Climate (humid, semi-arid, arid, other-explain). 1000 in the company of the c
7. Human Land-use (agricultural-grazing, agricultural-crops, recidential, and an activity, other-explain): 8. Dominant landscape-forming processes (erosion, deposition, anthropogenic activity, other-explain): 9. Primary geomorphic agents (more than one possible: wind, water-fluvial, water-lacustrine, water-marine, ice-alpine) 9. Primary geomorphic agents (more than one possible: wind, water-fluvial, water-lacustrine, water-marine, ice-alpine)
glaciation, ice-continental glaciation, gravity-tendence, gravity tendence, gravity
(tectonics), solar energy (climate), other-explain).
11. Timing of dominant landscape-forming processes (present-day / ongoing, recent past, distant past, not evident, other-explain):
SUMMARY:
NOTE: The Is A CLASSIC "OLD AGE! MERAPERING. FWIRE TERRAIN

SE-2 IDAIR - SAN CLUMENTS

All Prioto I.D. 2012 St. 70
Choose one or more of all observations that apply.
1. General landscape patterns (linear, dendritic, radiating, parallel, circular, undulating, non-descript, other-explain): TRANSVISSIPMALLER ASYMMETPIC VALLEYS, BENCITE'S PANALLER OF COAST 2. General landscape relief (low, medium, high):
MPD - H16H
3. Overall hillslope gradients (gentle, moderate, steep):
4. Vegetative Type (grasses, shrubs, trees, other-explain): SHPUES / TREES
5. Vegetative Cover (non-existent, sparse, moderate, dense, other-explain):
6. Climate (humid, semi-arid, arid, other-explain): (b) TERRANGIA
7 Luman Land-use (addictifitial-diazing addictifitial-clops, lesigefilia), utbati, illustral, lorestry, mining, otto-oxplainy.
Nows OBSVIN VAISCE — A From Fortos 8. Dominant landscape-forming processes (erosion, deposition, anthropogenic activity, other-explain): EXOS ION
9. Primary geomorphic agents (more than one possible: wind, water-fluvial, water-lacustrine, water-marine, ice-alpine glaciation, ice-continental glaciation, gravity-landslides, gravity-mass wasting/general, tectonics-uplift, tectonics-subsidence,
tectonics-volcanism, other-explain): Fruitz /m Aff was it / Teciparic uprifit (OAST)
10. Dominant driving force behind landscape / geomorphic processes (more than one possible: gravity, earth's internal fleat (tectonics), solar energy (climate), other-explain):
11. Timing of dominant landscape-forming processes (present-day / ongoing, recent past, distant past, not evident, other-explain): PASSENT - DAY / RECENT - PAST
SUMMARY:

NOTE: THIS IS CLASSIC TEARINN
ASSOCIATED WITH ACTIVE
TECTONIC UPLIFF, SEA CONER
FLUCTUATION & COMPINE
TERRACE PROSION

	Air Photo Data Sneets	
Air Photo I.D. SET 2 13 A/	B - WARRVILLE	PLATEAN, WA
Choose one or more of all observation	ns that apply.	

	General landscape patterns (linear, dendritic, radiating, parallel, circular, undulating, non-descript,	other-explain):
1.	General landscape patients (intolity dentality)	וועונות.
• •	D-0-A LAW SE I DEADOR WETWORKIND	,
	General landscape patterns (linear, dendritic, radiating, parallel, circular, undulating, non-decomposition) RECTAN GUL AR LAND USE / BRADON - MPANDENING	_

2. General landscape relief (low, medium, high):

"DEPLANGED DRAINAGE"

3. Overall hillslope gradients (gentle, moderate, steep):

4. Vegetative Type (grasses, shrubs, trees, other-explain):

5. Vegetative Cover (non-existent, sparse, moderate, dense, other-explain):

6. Climate (humid, semi-arid, arid, other-explain):

6. Climate (numia, semi-ana, ana, other-explain).

7. Human Land-use (agricultural-grazing, agricultural-crops, residential, urban, industrial, forestry, mining, other-explain):

Abacur Men

8. Dominant landscape-forming processes (erosion, deposition, anthropogenic activity, other-explain):

9. Primary geomorphic agents (more than one possible: wind, water-fluvial, water-lacustrine, water-marine, ice-alpine glaciation, ice-continental glaciation, gravity-landslides, gravity-mass wasting/general, tectonics-uplift, tectonics-subsidence, tectonics-volcanism, other-explain):

CHACATON

DEPOTITION

WITD TUESS TO LEFT

TO PLOTTED TO LEFT

10. Dominant driving force behind landscape geomorphic processes (more than one possible: gravity, earth's internal heat

(tectonics), solar energy (climate), other-explain): CLIMATE - GLACIA

11. Timing of dominant landscape-forming processes (present-day / ongoing, recent past, distant past, not evident, other-RELENT PAST

SUMMARY:

NOTE: THE CHAOTIC LAND-USE AND
THOOGRAPHY TO RIGHT OF
PHOTO IS THE RESULT.
OF GLACIAL DEPOSITION (" CRUND MORAINE") THE SMOOTH AG. FIELDS TO THE LEFT WESTE UN GLACATEL THE LINE REPRESENTS Me GLACIA

Air Photo I.D. SET 2 18A/13 SAND DUNET - CRUPADO
Choose one or more of all observations that apply.
Choose one or more of all observations that apply. 1. General landscape patterns (linear, dendritic, radiating, parallel, circular, undulating, non-descript, other-explain): \[\int \int \int \int \int \int \int \int

NOTE: GREAT SAND DONES

NATAL MONUMENT

HAS BOON THE,

SIRE OF MANY

HOLYWOOD MONE

Air Photo Data Sheets
Air Photo I.D. SET Z 19A/B WYOMING
Choose one or more of all observations that apply.
1. General landscape patterns (linear, dendritic, radiating, parallel, circular, undulating, non-descript, other-explain): Dew O I I I C Dem N 16 27
(tectonics), solar energy (climate), other-explain):
11. Timing of dominant landscape-forming processes (present-day longoing, recent past, distant past, not evident, other-explain): PLOTENT PAST
SUMMARY:

None-

LANDSLIDE - DAMMEN LARVE SUO SAR AT BOTTOM-RIGHT or Photo Historic Scio (1920's) DAMMED (ALE LAKE OVER FROM WITH CATASTROPPIC ONTRURST SEVENAL YEARS LATER

Air Photo I.D. SET 2 20 A/B
Choose one or more of all observations that apply.
1. General landscape patterns (linear, dendritic, radiating, parallel, circular, undulating, non-descript, other-explain):
Con LENTHIC LAND-USE, DEVOLUTE - PANALLET FLINAR 2. General landscape relief (low, medium, high): MEDIUM
3. Overall hillslope gradients (gentle, moderate, steep):
4. Vegetative Type (grasses, shrubs, trees, other-explain): Shubs, GLASSES, MINOR TREES THE STATE OF THE PROPERTY AND ST
5. Vegetative Cover (non-existent, sparse, moderate, dense, other-explain):
6. Climate (humid, semi-arid, arid, other-explain):
Thuman Land use (agricultural grazing, agricultural-crops, residential, urban, industrial, forestry, mining, other-explain):
8. Dominant landscape-forming processes (erosion, deposition, anthropogenic activity, other-explain):
9. Primary geomorphic agents (more than one possible: wind, water-fluvial, water-lacustrine, water-marine, ice-alpine glaciation, ice-continental glaciation, gravity-landslides, gravity-mass wasting/general, tectonics-uplift, tectonics-subsidence,
tectonics-volcanism, other-explain): MAN - MINIBUL: Funds MASS WASTING
10. Dominant driving force behind landscape / geomorphic processes (more than one possible: gravity, earth's internal heat (tectonics), solar energy (climate), other-explain):
11. Timing of dominant landscape-forming processes (present-day / ongoing, recent past, distant past, not evident, other-
explain): PRESENT TO DISING PAST
SUMMARY:

NOTE: BINGHAM CANYON IS

ONE ON THE CONCOST

OPEN-PIT COPPEN MINES

IN THE WONLO

THE IDEA HERE IS MAN AS

A GEOMORPHIC AGENT