WEST RIDGE RESOURCES, INC

WEST RIDGE MINE
C/007/041

2008 ANNUAL REPORT

File in:
☐ Confidential
☒ Shelf
☐ Expandable
Refer to Record No 0026 Date 5/14/2009
In C/007/041, 2009, Incoming
For additional information Confidential

File in:
☐ Confidential
☒ Shelf
☐ Expandable
Refer to Record No C026 Date 5/4/2009
In C/C007/041, 2009, Incoming
For additional information Confidential

This Annual Report shows information the Division has for your mine. Please review the information to see if it is current. If the information needs to be updated please do so in this document. At the end of each section the operator is asked to verify if the information is correct. Please answer these questions and make all comments on this document. Submit the completed document and any additional information identified in the Appendicies to the Division by April 30, 2009. During a complete inspection an inspector will check and verify the information. To enter text, click in the cell and type your response. You can use the tab key to move from one field to the next. To enter an X in a box, click next to the box, right click, and select properties, then the checked circle, then hit enter, or hit the unchecked circle if the X is to be removed.

GENERAL INFORMATION

Permitte Name	West Ridge Resources
Mine Name	**West Ridge Mine**
Operator Name (If other then permittee)	
Permit Expiration Date	April 1, 2009
Permit Number	C/007/0041
Authorized Representative Title	Dave Shaver, Manager
Phone Number	(435) 888-4000
Fax Number	(435) 888-4002
E-mail Address	dshaver@utahamerican.com
Mailing Address	West Ridge Resources, Inc. P.O. Box 910 East Carbon, Utah 84520
Designated Representative	
Resident Agent	
Resident Agent Mailing Address	
Number of Binders Submitted	

Operator, please update any incorrect information.

IDENTIFICATION OF OTHER PERMITS

Identify other permits that are required in conjunction with mining and reclamation activities.

Permit Type	ID Number	Description	Expiration Date
MSHA Mine ID(s)	42-02233	Underground Coal Mine	NA
MSHA Impoundment(s)	NA		
NPDES/UPDES Permit(s)	UTG040013		04/30/2008
PSD Permit(s) (Air)	DAQE-055-99		NA
Other			

COPY

WEST RIDGE
RESOURCES, INC.

P.O. Box 910, East Carbon, Utah 84520
Telephone (435) 888-4000 Fax (435) 888-4002

May 14, 2009

Utah Division of Oil, Gas & Mining
Utah Coal Program
1594 West North Temple, Suite 1210
P.O.Box 145801
Salt Lake City, UT 84114-5801

Attn: Daron Haddock
Permit Supervisor

Re: West Ridge Mine C/007/041
2008 Annual Report

Dear Mr. Haddock:

Enclosed are two copies of the 2008 annual report.

If you have questions or comments please contact me at (435) 888-4017.

Sincerely,

David Shaver
Resident Agent

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MAY 14 2009
DIV. OF OIL, GAS & MINING

Form DOGM - C1 (Last Revised May 7, 2009)

COPY

File Folder # 3

APPLICATION FOR PERMIT PROCESSING

Permit Change ☐	New Permit ☐	Renewal ☐	Transfer ☐	Exploration ☐	Bond Release ☐

Permit Number: C/007/041

Title of Proposal: 2008 annual report

Mine: WEST RIDGE MINE

Permittee: **WEST RIDGE Resources, Inc.**

Description, include reason for application and timing required to implement:.

Instructions: *If you answer yes to any of the first 8 questions (gray), submit the application to the Salt Lake Office. Otherwise, you may submit it to your reclamation specialist.*

☐ Yes	☐ No	1. Change in the size of the Permit Area? _____ acres Disturbed Area? _____ acres ☐ increase ☐ decrease.
☐ Yes	☐ No	2. Is the application submitted as a result of a Division Order?
☐ Yes	☐ No	3. Does application include operations outside a previously identified Cumulative Hydrologic Impact Area?
☐ Yes	☐ No	4. Does application include operations in hydrologic basins other than as currently approved?
☐ Yes	☐ No	5. Does application result from cancellation, reduction or increase of insurance or reclamation bond?
☐ Yes	☐ No	6. Does the application require or include public notice/publication?
☐ Yes	☐ No	7. Does the application require or include ownership, control, right-of-entry, or compliance information?
☐ Yes	☐ No	8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
☐ Yes	☐ No	9. Is the application submitted as a result of a Violation?
☐ Yes	☐ No	10. Is the application submitted as a result of other laws or regulations or policies? Explain:
☐ Yes	☐ No	11. Does the application affect the surface landowner or change the post mining land use?
☐ Yes	☐ No	12. Does the application require or include underground design or mine sequence and timing?
☐ Yes	☐ No	13. Does the application require or include collection and reporting of any baseline information?
☐ Yes	☐ No	14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
☐ Yes	☐ No	15. Does application require or include soil removal, storage or placement?
☐ Yes	☐ No	16. Does the application require or include vegetation monitoring, removal or revegetation activities?
☐ Yes	☐ No	17. Does the application require or include construction, modification, or removal of surface facilities?
☐ Yes	☐ No	18. Does the application require or include water monitoring, sediment or drainage control measures?
☐ Yes	☐ No	19. Does the application require or include certified designs, maps, or calculations?
☐ Yes	☐ No	20. Does the application require or include subsidence control or monitoring?
☐ Yes	☐ No	21. Have reclamation costs for bonding been provided for?
☐ Yes	☐ No	22. Does application involve a perennial stream, a stream buffer zone or discharges to a stream?
☐ Yes	☐ No	23. Does the application affect permits issued by other agencies or permits issued to other entities?

☐ **Attach _3_ complete copies of the application.**

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations herein (R645-301-123)

Signed - Name - Position - Date

Subscribed and sworn to before me this 7th day of May, 2009.

Notary Public

My Commission Expires: March 27, 2013

Attest: STATE OF Utah
COUNTY OF Carbon

Notary Public
LINDA KERNS
Commission #578211
My Commission Expires
March 27, 2013
State of Utah

Received by Oil, Gas & Mining

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MAY 14 2009

DIV. OF OIL, GAS & MINING

ASSIGNED TRACKING NUMBER

Form DOGM - C2 (Last Revised 6/93)

File Folder # 3

Application for Permit Processing
Detailed Schedule of Changes to the MRP

COPY

Title of Application: 2008 annual report

Permit Number: C/007/041

Mine: WEST RIDGE MINE

Permittee: WEST RIDGE RESOURCES

Provide a detailed listing of all changes to the mining and reclamation plan which will be required as a result of this proposed permit application. Individually list all maps and drawings which are to be added, replaced, or removed from the plan. Include changes of the table of contents, section of the plan, pages, or other information as needed to specifically locate, identify and revise the existing mining and reclamation plan. Include page, section and drawing numbers as part of the description.

			DESCRIPTION OF MAP, TEXT, OR MATERIALS TO BE CHANGED
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
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☐ ADD	☐ REPLACE	☐ REMOVE	

Any other specific or special instructions required for insertion of this proposal into the Mining and Reclamation Plan?

RECEIVED
MAY 14 2009
DIV. OF OIL, GAS & MINING

Operator, please update any incorrect information.

CERTIFIED REPORTS

List the certified inspection reports as required by the rules and under the approved plan that must be periodically submitted to the Division. Specify whether the information is included as Appendix A to this report or currently on file with the Division.

Certified Reports:	**Required** Yes	No	**Included** or Included	**DOGM file location** Vol, Chapter, Page
Excess Spoil Piles	☐	☐	☐	
Refuse Piles	☐	☐	☐	
Impoundments	☐	☐	☑	Sediment Pond Certification
Other				
	☐	☐	☐	
	☐	☐	☐	

Operator Comments:

Inspector:
Has the operator complied with this section? Yes ☐ No ☐
Inspector Comments:

COMMITMENTS AND CONDITIONS

The Permittee is responsible for ensuring annual technical commitments in the MRP and conditions accepted with the permit are completed throughout the year. The Division has identified these commitments below and has provided space for you to report what you have done during the past year for each commitment. If the particular section is blank, no commitment has been identified and no response is required for this report. If additional written response is required, it should be filed under Appendix B to this report.

Admin R645-301-100
Soils R645-301-200

Title: EXPERIMENTAL PRACTICE FIELD TRIALS.
Objective: Monitoring to support proposed Experimental Practice.
Frequency: Annual Evaluation in June.
Status: Ongoing.
Reports: Provide in annual report a comparison of growth on field trials with Douglas/Fir reference area..
Citation: App. 2-6 and Map 2-4.

Operator: Has this commitment been acted on this year?

Yes ☑ No ☐ Not required this year. ☐ If yes, comment;
Operator Comments:

Report is included

Inspector:
Has the operator complied with this commitment? Yes ☐ No ☐
Inspector Comments:

Title: SOIL SAMPLING OF FILL AT T1, T2, T3
Objective: To protect buried substitute topsoil in the fill.
Frequency: Annual Evaluation during field season.
Status: Ongoing.
Reports: Provide information in Annual Report.
Citation: App. 2-6 Addendum and Map 2-4.

Operator: Has this commitment been acted on this year?

Yes ☑ No ☐ Not required this year. ☐ If yes, comment;
Operator Comments:

Report is included

Inspector:
Has the operator complied with this commitment? Yes ☐ No ☐
Inspector Comments:

Biology R645-301-300

Title: COLOR INFRARED AERIAL PHOTOGRAPHY
Objective: to monitor potential changes in vegetation due to subsidence from longwall mining practices.
Frequency: Baseline and Once every five years.
Status: OVERDUE
Reports: Annual.
Citation: Volume I, chapter three, page 3-8, paragraph 3.

Operator: Has this commitment been acted on this year?

Yes ☑ No ☐ Not required this year. ☐ If yes, comment;
Operator Comments:
Photos are included

Inspector:
Has the operator complied with this commitment? Yes ☐ No ☐
Inspector Comments:

Title: WILDLIFE AWARENESS PROGRAM
Objective: To inform employees of the wildlife and the need for protection in the mine facilities and access road areas.
Frequency: As needed.
Status: Ongoing.
Reports: Summary in Annual Report
Citation: Volume I, chapter three, page 3-10, paragraph 5.

Operator: Has this commitment been acted on this year?

Yes ☑ No ☐ Not required this year. ☐ If yes, comment;
Operator Comments:
Awareness handout given at time of employment

Inspector:
Has the operator complied with this commitment? Yes ☐ No ☐
Inspector Comments:

Title: RECLAMATION MONITORING
Objective: Visually assess the revegetation success.
Frequency: Quarterly for the first three years and June of each year thereafter.
Status: Implement at reclamation.
Reports: Annually.
Citation: Volume I, chapter three, page 3-16, paragraph 2.

Operator: Has this commitment been acted on this year?

Yes ☐ No ☐ Not required this year. ☑ If yes, comment;
Operator Comments:

Inspector:
Has the operator complied with this commitment? Yes ☐ No ☐
Inspector Comments:

Landuse, Cultural Resources, Air Quality R645-301- 400

Title: CULTURAL RESOURCES
Objective: If during the course of mining operations, previously unidentified cultural resources are discovered, the Permittee shall ensure that the site(s) is not disturbed and shall notify the Division of Oil, Gas, and Mining. The Division, after coordination with OSM, shall inform the Permittee of necessary actions required. The Permittee shall implement the mitigation measures required by the Division within the time frame specified by the Division.
Frequency: As needed.
Status: Ongoing.
Reports: Annual.
Citation: Permit Condition Sec. 16.

Operator: Has this commitment been acted on this year?

Yes ☑ No ☐ Not required this year. ☐ If yes, comment;
Operator Comments:
Cultural resource survey was completed for the GUH site

Inspector:
Has the operator complied with this commitment? Yes ☐ No ☐
Inspector Comments:

Engineering R645-301-500.

Title: SUBSIDENCE MONITORING
Objective: To monitor subsidence from longwall mining practices.
Frequency: plan commits to subsidence monitoring of panels until the effects of mining have stabilized and vertical movement is less than six inches per year.
Status: On going.
Reports: Part of annual report.
Citation: Chapter II, Volume 5, page 5-22.

Operator: Has this commitment been acted on this year?

Yes ☑ No ☐ Not required this year. ☐ If yes, comment;
Operator Comments:
Subsidence information is included

Inspector:
Has the operator complied with this commitment? Yes ☐ No ☐
Inspector Comments:

Title: EXPLORATORY DRILLING AHEAD OF DEVELOPMENT
Objective: Avoid mining into the old Sunnyside Mine.
Frequency: Whenever within 500' of the old Sunnyside workings, according to old surveys
Status: On going.
Reports: Annual report.
Citation: Volume 3, chapter 7, page 7-29, paragraph 1.

Operator: Has this commitment been acted on this year?

Yes ☐ No ☐ Not required this year. ☑ If yes, comment;
Operator Comments:

Inspector:
Has the operator complied with this commitment? Yes ☐ No ☐
Inspector Comments:

Title: VISUAL SUBSIDENCE INSPECTION IN BEAR CANYON AFTER THE LONGWALL PASSES UNDER (projected for spring 2007).
Objective: To visually check for subsidence damage.
Frequency: When Bear Canyon is undermined.
Status: On going.
Reports: Committed to submitting 30 days after the inspection.
Citation: Chapter 5, Volume 2, page 5-23bto5-23e.

Operator: Has this commitment been acted on this year?

Yes ☐ No ☐ Not required this year. ☑ If yes, comment;
Operator Comments:

Inspector:
Has the operator complied with this commitment? Yes ☐ No ☐
Inspector Comments:

Geology R645-301-600
Hydrology R645-301-700
Bonding & Insurance R645-301-800
Other Commitments

*Reminder: If equipment has been abandoned during 2008, an amendment must be submitted that includes a map showing its location, a description of what was abandoned, whether there were any hazardous or toxic materials and any revision to the PHC as necessary.

REPORTING OF OTHER TECHNICAL DATA

List other technical data and information as required under the approved plan, which must be periodically submitted to the Division. Specify whether the information is included as Appendix B to this report or currently on file with the Division.

Operator Comments:

Inspector:
Has the operator complied with this section? Yes ☐ No ☐
Inspector Comments:

LEGAL, FINANCIAL, COMPLIANCE AND RELATED INFORMATION

Change in administration or corporate structure can often bring about necessary changes to information found in the mining and reclamation plan. The Division is Requesting that each Permittee review and update the legal, financial, compliance and related information in the plan as part of the annual report. Please provide the Department of Commerce, Annual Report of Officers, or other equivalent information as necessary to ensure that the information provided in the plan is current. Provide any other change as necessary regarding land ownership, lease acquisitions, legal results from appeals of violations, or other changes as necessary to update information required in the mining and reclamation plan. Include certified financial statements, audits or worksheets, which may be required to meet bonding requirements. Specify whether the information is currently on file with the Division or included as Appendix C to the report.

Legal / Financial Update	**Required** Yes	No	**Included** or Included	**DOGM File location** Vol, Chapter, Page
Department of Commerce, Annual Report Officers	☐	☑	☐	
Other				
	☐	☐	☐	
	☐	☐	☐	
	☐	☐	☐	

Operator Comments:

Inspector:
Has the operator complied with this section? Yes ☐ No ☐
Inspector Comments:

MAPS

Copies of mine maps, current and up-to-date through at least December 31, 2008, are to be provided to the Division as Appendix D to this report in accordance with the requirements of R 645-301-525.240. The map copies shall be made in accordance with 30 CFR 75.1200 as required by MSHA. Mine maps are not considered confidential. (Please provide a CD.)

Confidential information is limited to:

R645-300-124.310. Information that pertains only to the analysis of the chemical and physical properties of the coal to be mined, except information on components of such coal which are potentially toxic in the environment.

R645-300-124.330. Information on the nature and location of archeological resources on public land and Indian land as required under the Archeological Resources Protection Act of 1979 (P. L. 96-95, 93 Stat. 721, 16 U.S.C. 470).

R645-301-322, Fish and Wildlife Information; R645-301-322.100, the scope and level of detail for such information will be determined by the Division in consultation with state and federal agencies with responsibilities for fish and wildlife and will be sufficient to design the protection and enhancement plan required under R645-301-333 and R645-301-322.230, other species or

habitats identified through agency consultation as requiring special protection under state or federal law; R645-301-333.300, Include protective measures that will be used during the active mining phase of operation.

The Division will provide procedures, including notice and opportunity to be heard for persons both seeking and opposing disclosure.

Map Number(s)	Map Title/ Description		
Annual subsidence map			
Mine map			
Other maps		Confidential Yes	No
		☐	☐
		☐	☐
		☐	☐
		☐	☐
		☐	☐
		☐	☐
		☐	☐
		☐	☐

Operator Comments:
Subsidence information and mine maps are included

Inspector:
Has the operator complied with this section? Yes ☐ No ☐
Inspector Comments:

OTHER INFORMATION

Please provide any comments of further information to be included as part of the Annual Report. Any other attachments are to be provided as Appendix E to this report. If information is submitted as a group rather then by individual mine, please identify each of the mine's data in the list below.

Additional attachment to this report? **Yes** ☐ **No** ☐

Raptor survey information for 2008 is included (not required by permit)

Operator Comments:

Inspector:
Has the operator complied with this section? Yes ☐ No ☐
Inspector Comments:

APPENDIX A

Certified Reports

Excess Spoil Piles
Refuse Piles
Impoundments

As required under R645-301-514

CONTENTS

SEDIMENT POND CERTIFICATION

UtahAmerican Energy, Inc.
West Ridge Mine
2008 Annual Pond Certification Report

POND: Sediment Pond **LOCATION:** West Ridge Mine

IMPOUNDMENTS	
(1) Stability	All impoundment slopes are stable
(2) Structural Weakness/Erosion	There are no apparent structural problems, and no erosion is noted
(3) Potential Safety Hazards	There are no signs of any safety hazards
(4) Depth of Impounded Water	Upper Cell: 5 est' Lower Cell: dry
(5) Existing Storage Capacity	5.5 ac-ft
(6) Monitoring Procedures	Quarterly inspections are performed Spillway is a UPDES outfall monitoring point

(7) Sediment Accumulation (Elevation)	Upper Cell: 6941.6' est Lower Cell: 6927'
(8) Sediment Cleanout Level (Elevation)	Upper Cell: 6942.8' Lower Cell: 6929'
(9) Principle Spillway (Elevation)	Upper Cell: 6952.5' Lower Cell: 6937'
(10) Emergency Spillway (Elevation)	Upper Cell: 6952.5' Lower cell: 6938'
(11) Existing Sediment Capacity (To Cleanout)	0.6 acre-ft

GENERAL	
(12) Comments/Recommendations	This pond was completed in 1999 No discharge has ever occurred during the life of the pond

STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Dan W. Hill
(Signature)

10/14/08
(Date)

APPENDIX B

Reporting of Technical Data

Including monitoring data, reports, maps, and other information
As required under the approved plan or as required by the Division

In accordance with the requirement of R645-310-130 and R645-301-140

CONTENTS

SUBSIDENCE INFORMATION

Olympus Aerial Surveys, Inc.
Report for Photography Date October 7, 2008
For
UTAH AMERICAN ENERGY
WESTRIDGE MINE SUBSIDENCE STUDY
OAS Job No. 208077

POINT	EASTING	NORTHING	2004 ELEVATION	2008 DIFFERENCE	2008 ELEVATION	POINT
101	25282.582	37088.596	7063.176	0.00	0.000	101
102	25315.264	35744.230	7130.453	0.37	7130.825	102
103	25323.388	34805.468	7358.889	1.51	7360.401	103
104	25325.604	36781.657	7033.287	0.99	7034.277	104
105	25358.892	33843.995	7052.873	0.80	7053.675	105
106	25359.440	36518.978	6968.382	0.72	6969.104	106
107	25362.041	35511.993	7199.003	0.74	7199.740	107
108	25363.798	37690.136	7349.213	0.00	0.000	108
109	25368.610	33526.107	7059.297	0.34	7059.641	109
110	25375.684	37355.591	7208.496	2.72	7211.218	110
111	25389.036	35184.230	7346.166	-0.27	7345.901	111
112	25421.306	34506.467	7371.927	-0.11	7371.816	112
113	25455.568	34180.280	7292.504	0.74	7293.247	113
114	25467.636	36204.421	7087.728	-0.44	7087.292	114
115	25501.371	36836.543	7126.946	0.27	7127.212	115
116	25510.821	35403.356	0.000	0.00	0.000	116
117	25563.654	37083.522	7206.866	-0.20	7206.669	117
118	25568.477	36592.115	7005.031	0.08	7005.113	118
119	25581.105	36061.683	7200.713	0.22	7200.930	119
120	25620.372	37245.464	7277.850	-0.10	7277.752	120
121	25640.832	35057.487	7497.890	0.04	7497.931	121
122	25674.861	37482.887	7531.440	-0.01	7531.429	122
123	25683.112	33498.034	7332.508	2.53	7335.040	123
124	25713.230	37824.935	7692.462	0.09	7692.555	124
125	25722.208	35714.318	7381.303	0.27	7381.569	125
126	25742.010	36892.385	7022.364	-0.37	7021.991	126
127	25749.156	33939.254	7399.180	4.30	7403.483	127
128	25818.025	34222.145	7580.704	4.08	7584.785	128
129	25850.846	34584.418	7785.375	0.04	7785.418	129
130	25865.742	35951.996	7332.644	-0.94	7331.701	130
131	25869.381	36690.126	7075.348	-0.56	7074.793	131
132	25911.793	34955.402	0.000	0.00	0.000	132
133	25922.308	37196.491	7154.437	-0.14	7154.293	133
134	25927.660	35504.965	7612.397	-0.02	7612.375	134
135	25948.408	33489.089	7491.743	1.59	7493.328	135
136	25985.845	36202.398	7345.742	0.46	7346.198	136
137	26052.071	33796.410	7593.114	2.26	7595.371	137
138	26117.252	37534.221	7286.821	-0.14	7286.679	138
139	26117.505	35307.509	7777.031	0.10	7777.133	139
140	26130.227	36853.129	7075.992	-0.01	7075.983	140

NOTE: All zero (0) elevations in study year difference are in obscure areas and were not read.

POINT	EASTING	NORTHING	2004 ELEVATION	2008 DIFFERENCE	2008 ELEVATION	POINT
141	26134.846	37875.341	7504.312	-0.05	7504.263	141
142	26142.747	34182.734	7835.086	1.01	7836.094	142
143	26167.019	34529.137	7971.642	1.84	7973.486	143
144	26195.229	35674.026	7671.738	-0.10	7671.638	144
145	26215.193	34709.085	8008.781	1.48	8010.262	145
146	26221.129	35977.590	7590.654	-0.17	7590.480	146
147	26237.664	33465.521	7396.649	1.45	7398.098	147
148	26265.358	36540.863	7249.273	-0.26	7249.013	148
149	26320.150	35178.984	7918.184	-0.16	7918.023	149
150	26342.955	37022.043	0.000	0.00	0.000	150
151	26360.299	33894.769	7459.817	0.28	7460.096	151
152	26377.593	37246.247	7074.403	-0.12	7074.283	152
153	26422.147	34505.082	7836.352	0.57	7836.922	153
154	26441.619	34932.989	8073.799	2.05	8075.850	154
155	26455.972	33527.754	7248.607	0.27	7248.877	155
156	26456.501	37922.660	7484.585	-0.18	7484.409	156
157	26482.036	36621.978	7442.841	0.41	7443.256	157
158	26490.790	35621.447	7901.426	0.35	7901.775	158
159	26507.174	34240.305	7689.517	2.14	7691.660	159
160	26517.475	36179.905	7548.262	0.39	7548.647	160
161	26599.535	34808.139	8006.196	1.21	8007.408	161
162	26600.020	35103.910	8136.188	0.51	8136.699	162
163	26624.084	37559.260	7127.331	-0.03	7127.297	163
164	26657.549	33869.231	7328.419	2.43	7330.852	164
165	26663.309	36463.517	7573.392	0.17	7573.560	165
166	26674.139	37236.836	7157.075	0.00	0.000	166
167	26722.589	34434.205	7785.659	1.65	7787.305	167
168	26784.011	36847.101	7438.832	0.00	0.000	168
169	26786.018	35319.600	8108.224	0.67	8108.898	169
170	26802.191	37914.605	7322.521	-0.05	7322.476	170
171	26810.309	36071.187	7740.605	0.00	0.000	171
172	26832.773	34634.931	7940.084	1.51	7941.589	172
173	26834.594	34236.302	7668.348	3.06	7671.408	173
174	26845.180	34776.786	8017.097	1.45	8018.546	174
175	26847.742	37639.723	7104.392	-0.52	7103.872	175
176	26851.937	33537.771	7215.028	2.14	7217.164	176
177	26866.758	37293.418	7202.218	0.00	0.000	177
178	26868.431	35055.767	8073.550	0.78	8074.332	178
179	26914.143	35453.108	8088.885	0.05	8088.930	179
180	26932.963	36340.570	7777.689	-0.19	7777.497	180
181	26966.442	33835.353	7479.430	1.47	7480.901	181
182	27003.523	34412.569	7820.991	4.43	7825.416	182
183	27040.316	35841.833	7993.043	0.00	0.000	183
184	27050.338	36964.317	7446.117	-0.18	7445.935	184
185	27067.537	35540.783	8107.573	-0.79	8106.784	185
186	27077.504	34151.188	7650.682	1.12	7651.800	186
187	27099.676	34604.104	7842.053	1.77	7843.827	187
188	27100.595	37888.190	7136.582	-0.02	7136.565	188
189	27110.390	33477.657	7172.494	0.85	7173.346	189

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POINT	EASTING	NORTHING	2004 ELEVATION	2008 DIFFERENCE	2008 ELEVATION	POINT
190	27134.911	35237.969	8023.624	0.50	8024.122	190
191	27140.884	36054.030	7988.514	-0.19	7988.327	191
192	27152.535	36548.740	0.000	0.00	0.000	192
193	27158.759	34821.309	7921.028	2.01	7923.040	193
194	27171.588	33827.341	7359.274	0.48	7359.757	194
195	27268.902	35748.194	8094.848	-1.41	8093.437	195
196	27292.402	35032.470	7984.059	0.00	0.000	196
197	27325.287	37405.849	7448.265	-0.46	7447.805	197
198	27368.325	36884.578	0.000	0.81	7703.141	198
199	27399.930	34418.329	7610.962	1.39	7612.355	199
200	27405.973	35560.267	8102.533	-0.08	8102.452	200
201	27409.011	33870.873	7235.808	3.22	7239.027	201
202	27414.047	34633.301	7651.257	1.10	7652.353	202
203	27415.653	36640.553	7820.954	-0.23	7820.728	203
204	27454.069	34164.227	7406.272	0.20	7406.475	204
205	27456.666	33482.145	7015.886	0.18	7016.071	205
206	27523.402	36113.395	8060.222	-0.44	8059.786	206
207	27550.164	37123.349	7720.737	0.00	7720.741	207
208	27559.780	35840.512	8073.735	-0.12	8073.614	208
209	27600.511	34818.830	7705.276	0.19	7705.466	209
210	27609.990	35204.927	8055.646	0.55	8056.198	210
211	27650.756	37819.730	7367.338	-0.10	7367.242	211
212	27660.190	36013.754	8066.611	-0.65	8065.956	212
213	27672.716	34150.851	7258.862	1.29	7260.154	213
214	27687.715	33519.231	6968.145	-0.04	6968.110	214
215	27704.128	34545.070	7545.555	0.01	7545.569	215
216	27706.257	35524.696	8041.657	0.80	8042.457	216
217	27708.280	33836.194	7092.098	0.52	7092.614	217
218	27720.677	36782.233	0.000	0.00	0.000	218
219	27750.125	36497.835	8033.157	-0.06	8033.093	219
220	27759.461	36182.083	8074.346	-0.29	8074.052	220
221	27779.312	37349.791	0.000	0.00	0.000	221
222	27827.354	34994.001	0.000	0.00	7845.190	222
223	27863.980	35895.789	8055.558	-0.32	8055.235	223
224	27928.416	32701.112	7466.243	0.57	7466.813	224
225	27955.310	33753.157	7013.343	0.98	7014.321	225
226	27965.813	31341.857	7698.309	0.00	0.000	226
227	27978.352	34407.336	7377.607	1.76	7379.370	227
228	27980.196	32132.803	7348.930	2.36	7351.289	228
229	27985.503	35620.087	7952.284	0.07	7952.357	229
230	27998.479	34122.630	7200.999	1.25	7202.251	230
231	28003.219	34710.240	7639.653	1.31	7640.964	231
232	28005.950	36502.716	8048.528	-0.95	8047.577	232
233	28024.756	36128.582	8038.685	-0.12	8038.563	233
234	28074.588	33052.009	7356.842	2.81	7359.649	234
235	28075.414	35260.117	7904.589	-0.06	7904.528	235
236	28080.162	30917.712	7993.890	0.00	0.000	236
237	28098.345	31954.344	7433.605	0.32	7433.924	237
238	28116.310	35045.198	7898.027	-0.33	7897.701	238

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239	28141.163	37774.736	7677.207	-0.04	7677.165	239
240	28180.545	33387.076	7273.706	-0.32	7273.386	240
241	28205.323	32642.914	7680.405	2.16	7682.563	241
242	28227.164	34865.760	7782.086	0.66	7782.745	242
243	28247.285	31067.009	7991.621	-0.06	7991.560	243
244	28249.401	31271.531	7851.112	0.00	0.000	244
245	28258.998	36206.129	7977.852	-0.03	7977.825	245
246	28269.474	31524.683	7755.422	0.91	7756.333	246
247	28271.677	34443.085	7469.378	0.44	7469.821	247
248	28286.136	33911.057	7023.189	0.00	0.000	248
249	28295.476	35647.112	7835.152	-0.16	7834.994	249
250	28298.858	35861.633	7941.363	0.01	7941.373	250
251	28314.564	36508.277	8005.872	-0.52	8005.349	251
252	28324.692	34143.667	7163.818	-2.76	7161.054	252
253	28328.394	35364.109	7756.027	0.24	7756.271	253
254	28333.946	32263.319	7683.836	0.52	7684.355	254
255	28348.805	38152.120	7621.028	-0.07	7620.962	255
256	28375.708	36733.146	8044.039	-0.36	8043.683	256
257	28433.832	31786.526	7764.972	-0.23	7764.739	257
258	28459.190	37349.912	7928.308	-0.15	7928.158	258
259	28474.129	35633.213	7791.908	0.03	7791.935	259
260	28476.589	36016.833	7904.461	0.24	7904.703	260
261	28493.215	33173.101	7505.539	0.00	0.000	261
262	28500.804	32632.173	7816.660	1.50	7818.160	262
263	28518.114	30897.220	8146.577	1.16	8147.734	263
264	28520.465	37047.317	8006.022	-0.89	8005.131	264
265	28570.378	34659.754	7502.984	-0.04	7502.947	265
266	28571.810	35226.565	7610.875	0.11	7610.989	266
267	28598.671	36582.249	7973.367	-0.18	7973.186	267
268	28602.810	36292.684	7892.458	-0.80	7891.662	268
269	28609.913	32958.197	7708.778	-0.03	7708.746	269
270	28631.047	34377.878	7188.603	-0.33	7188.273	270
271	28640.441	34088.624	7061.015	0.18	7061.195	271
272	28640.555	35769.798	7808.354	-0.49	7807.863	272
273	28647.537	33811.105	7145.602	0.00	0.000	273
274	28665.489	31080.495	8124.640	0.31	8124.951	274
275	28687.076	34953.371	7536.675	-0.21	7536.467	275
276	28705.508	32029.349	7910.708	2.08	7912.783	276
277	28719.865	36826.689	8029.710	-0.91	8028.804	277
278	28789.999	32357.934	7967.369	1.04	7968.409	278
279	28809.678	32789.896	7770.239	-0.31	7769.929	279
280	28824.226	38024.605	7682.682	-0.19	7682.492	280
281	28835.779	31344.048	8104.830	1.01	8105.843	281
282	28843.485	31593.076	8071.263	-0.15	8071.117	282
283	28851.989	36239.435	7866.294	-0.36	7865.932	283
284	28852.948	35305.300	7499.398	0.00	7499.402	284
285	28855.233	35562.752	7642.577	0.00	0.000	285
286	28859.125	37097.742	7977.469	-0.08	7977.387	286
287	28881.193	34401.938	7096.932	-0.60	7096.334	287

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288	28900.894	36566.702	7952.212	-0.16	7952.050	288
289	28908.835	33691.818	7196.513	1.01	7197.520	289
290	28939.094	34865.227	7405.042	-0.07	7404.970	290
291	28952.880	35933.554	7794.229	0.07	7794.298	291
292	28970.447	30889.614	7901.441	0.04	7901.484	292
293	28974.357	37521.681	7850.274	-0.10	7850.178	293
294	28980.314	33999.184	7245.066	0.54	7245.605	294
295	28998.883	32096.918	8055.945	1.07	8057.015	295
296	29069.123	33520.387	7300.553	0.48	7301.038	296
297	29090.021	35561.722	7749.981	-0.01	7749.969	297
298	29098.666	36826.178	8022.586	-0.17	8022.416	298
299	29117.053	34610.687	7118.791	-0.05	7118.739	299
300	29132.880	31246.677	7976.472	-0.30	7976.172	300
301	29161.673	31847.833	8183.973	-0.36	8183.609	301
302	29169.238	34058.105	7409.368	0.82	7410.185	302
303	29181.034	35360.429	7591.078	2.23	7593.310	303
304	29195.313	37854.219	7762.854	0.46	7763.316	304
305	29206.627	37119.901	7965.510	-0.07	7965.441	305
306	29208.001	34412.493	7244.711	0.00	0.000	306
307	29209.683	33682.918	7570.147	-0.11	7570.037	307
308	29209.746	31567.112	8046.443	1.61	8048.058	308
309	29231.126	30847.625	7766.180	0.53	7766.714	309
310	29235.627	34958.850	7340.265	0.95	7341.212	310
311	29272.120	36150.458	7795.351	0.00	7795.348	311
312	29291.590	36483.196	7913.268	-0.30	7912.973	312
313	29305.435	33109.226	7543.666	0.00	0.000	313
314	29361.532	33446.561	7540.529	-0.11	7540.419	314
315	29369.679	34063.935	7510.495	-0.42	7510.073	315
316	29383.498	35834.257	7738.424	-0.14	7738.285	316
317	29452.972	34667.737	7273.974	0.00	0.000	317
318	29469.730	30895.973	7757.721	-0.01	7757.711	318
319	29472.426	31229.796	7792.939	0.69	7793.631	319
320	29480.712	36806.146	8006.698	-0.30	8006.400	320
321	29490.462	32004.084	8107.625	-0.13	8107.496	321
322	29497.443	33922.483	7604.238	0.31	7604.546	322
323	29501.030	35347.942	7412.410	0.00	7412.409	323
324	29504.447	37076.767	7990.811	-0.21	7990.602	324
325	29512.816	38141.533	7839.619	-0.16	7839.457	325
326	29520.573	35615.077	7587.992	-0.06	7587.928	326
327	29525.260	35072.645	7272.900	-0.13	7272.772	327
328	29547.478	37816.846	7869.150	-1.29	7867.857	328
329	29549.388	36159.603	7857.047	-0.22	7856.830	329
330	29558.179	31707.921	7994.348	0.70	7995.051	330
331	29585.288	33685.292	7782.590	-0.05	7782.541	331
332	29585.716	32219.990	8025.787	-0.88	8024.907	332
333	29592.377	34125.513	7605.763	-0.13	7605.637	333
334	29618.225	37323.909	7965.770	-0.02	7965.747	334
335	29622.354	33354.559	7683.992	-0.73	7683.259	335
336	29679.345	36443.497	7935.158	0.00	7935.159	336

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337	29679.973	31449.128	7797.956	3.07	7801.026	337
338	29688.543	30857.807	7585.069	0.48	7585.551	338
339	29717.340	33035.198	7688.203	0.00	0.000	339
340	29742.259	36160.343	7926.315	-0.30	7926.014	340
341	29759.516	36761.155	7988.090	-1.86	7986.227	341
342	29770.334	37674.236	7939.693	-0.20	7939.491	342
343	29776.938	37096.954	7991.934	-0.19	7991.740	343
344	29782.042	35771.678	7721.885	-0.10	7721.788	344
345	29789.459	31937.914	8018.649	-0.36	8018.293	345
346	29795.153	33697.780	7876.373	0.08	7876.448	346
347	29798.499	31704.411	7993.497	-0.10	7993.397	347
348	29802.357	35142.130	7311.703	-0.20	7311.499	348
349	29812.111	31198.820	7682.976	2.85	7685.825	349
350	29849.540	37400.460	8002.468	-0.18	8002.286	350
351	29849.607	35433.692	7440.916	0.15	7441.071	351
352	29874.730	38032.160	7918.023	0.16	7918.181	352
353	29916.930	36412.243	7918.794	0.04	7918.837	353
354	29923.881	33354.203	7899.832	-0.15	7899.682	354
355	29979.464	33077.167	7829.482	-0.07	7829.414	355
356	29981.326	32275.131	8050.703	-0.81	8049.895	356
357	29996.406	30895.525	7378.059	1.30	7379.364	357
358	30017.004	36611.676	7928.724	-0.61	7928.114	358
359	30031.364	31170.120	7718.311	1.51	7719.816	359
360	30055.950	34113.379	7733.385	0.00	0.000	360
361	30060.160	31661.776	7863.106	-0.16	7862.945	361
362	30062.437	36183.986	7866.103	0.44	7866.544	362
363	30077.410	31995.066	7980.638	-0.52	7980.122	363
364	30086.982	35404.213	7347.149	1.55	7348.695	364
365	30094.127	36861.008	7923.198	-0.64	7922.557	365
366	30097.024	37126.983	7921.904	-1.27	7920.631	366
367	30103.480	37395.769	7935.029	-0.53	7934.503	367
368	30112.605	35866.517	7708.993	-0.25	7708.748	368
369	30126.980	37953.644	8002.123	-0.76	8001.367	369
370	30136.739	37702.032	7938.561	-0.03	7938.529	370
371	30172.141	33742.087	7975.690	0.52	7976.214	371
372	30189.584	32905.368	7952.918	-0.83	7952.091	372
373	30259.429	33154.828	7962.641	-0.16	7962.476	373
374	30263.033	36507.808	7857.754	0.56	7858.318	374
375	30273.708	33475.762	8007.035	-0.27	8006.762	375
376	30281.997	30910.874	7365.395	0.29	7365.684	376
377	30283.066	32401.365	8039.847	-1.16	8038.684	377
378	30322.262	38020.272	7988.739	-0.02	7988.721	378
379	30323.406	31340.235	7681.814	2.31	7684.125	379
380	30362.363	35420.239	7270.582	-0.09	7270.496	380
381	30379.049	36874.499	7795.251	0.01	7795.260	381
382	30380.624	35861.022	7661.223	-0.30	7660.919	382
383	30386.470	32713.894	8005.432	-0.20	8005.227	383
384	30387.644	36189.053	7736.301	0.71	7737.016	384
385	30388.201	32036.750	7989.053	-0.71	7988.344	385

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386	30397.777	37368.178	7838.209	-0.11	7838.101	386
387	30415.593	37734.503	7876.735	-0.04	7876.697	387
388	30426.885	32267.182	8020.042	-1.32	8018.723	388
389	30440.116	31037.195	7698.103	0.43	7698.533	389
390	30454.517	35553.875	7367.966	-0.33	7367.636	390
391	30462.498	38514.027	7845.260	0.00	0.000	391
392	30473.910	37092.082	7778.931	-0.30	7778.632	392
393	30533.469	34238.103	7862.990	0.00	0.000	393
394	30562.573	33005.310	8056.263	-0.45	8055.817	394
395	30565.230	31664.264	7966.604	1.39	7967.996	395
396	30568.683	32423.155	8081.401	-1.06	8080.345	396
397	30591.060	33317.619	8061.685	-1.06	8060.626	397
398	30592.264	33805.770	8020.168	-0.31	8019.855	398
399	30594.627	32732.366	8066.938	-0.49	8066.444	399
400	30605.171	38061.814	7970.321	-0.02	7970.298	400
401	30617.629	33502.980	8084.810	-0.83	8083.981	401
402	30618.642	30911.132	7696.280	-0.32	7695.963	402
403	30626.898	36515.501	7701.502	-1.20	7700.302	403
404	30641.144	39257.504	7652.743	-0.39	7652.355	404
405	30641.237	36840.537	7693.618	-0.67	7692.951	405
406	30652.318	32261.673	8067.591	-0.30	8067.293	406
407	30657.983	31994.886	8086.483	0.13	8086.608	407
408	30664.349	36042.182	7606.392	-0.09	7606.307	408
409	30669.173	37713.186	7863.265	-0.92	7862.343	409
410	30672.742	34784.607	7711.273	0.00	0.000	410
411	30704.517	37489.200	7752.954	-0.45	7752.507	411
412	30741.787	37179.400	7695.474	-0.20	7695.270	412
413	30795.757	38936.118	7730.417	0.00	0.000	413
414	30799.693	33611.466	8087.083	-0.07	8087.012	414
415	30810.942	36226.367	7644.213	-0.84	7643.371	415
416	30846.927	31114.528	7882.181	-0.10	7882.080	416
417	30847.818	32903.090	7966.884	-0.65	7966.234	417
418	30851.365	32595.835	7999.475	-0.91	7998.560	418
419	30855.575	37960.301	7963.868	-0.48	7963.384	419
420	30863.755	33203.280	7990.969	0.03	7991.004	420
421	30870.715	31546.547	8030.565	-0.27	8030.293	421
422	30877.547	35866.760	7389.431	-0.98	7388.446	422
423	30881.941	34490.333	7874.475	-0.05	7874.428	423
424	30939.988	38089.209	8038.474	-0.13	8038.344	424
425	30958.196	37085.494	7734.055	-0.36	7733.691	425
426	30958.602	32271.376	7930.429	-0.52	7929.907	426
427	30965.511	34086.153	7952.715	-0.06	7952.657	427
428	30965.893	39297.685	7739.603	-0.23	7739.368	428
429	30984.127	37421.497	7826.955	-0.36	7826.592	429
430	30994.095	36845.814	7649.865	-0.76	7649.104	430
431	30998.719	30877.758	7683.054	-0.16	7682.893	431
432	31026.327	36449.376	7616.020	-1.27	7614.752	432
433	31040.640	34942.316	7730.123	0.00	0.000	433
434	31045.697	33493.993	8026.212	-1.39	8024.825	434

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POINT	EASTING	NORTHING	2004 ELEVATION	2008 DIFFERENCE	2008 ELEVATION	POINT
435	31051.300	33774.808	8045.546	-0.40	8045.150	435
436	31062.926	31984.461	7930.133	-0.14	7929.998	436
437	31065.300	36131.184	7594.502	-0.02	7594.484	437
438	31076.266	31162.416	7844.607	3.32	7847.923	438
439	31088.830	35430.889	7614.621	-0.01	7614.607	439
440	31118.905	37915.447	8071.977	-0.38	8071.601	440
441	31122.072	34306.196	7963.092	0.31	7963.405	441
442	31174.756	32925.865	7860.238	-0.24	7860.002	442
443	31180.297	35341.563	7650.859	0.96	7651.822	443
444	31189.619	31463.935	7838.361	0.05	7838.409	444
445	31195.085	32584.570	7842.298	-0.03	7842.263	445
446	31222.404	36230.189	7570.206	-0.05	7570.159	446
447	31225.660	31759.109	7904.899	0.22	7905.123	447
448	31234.995	36902.587	7700.568	-0.70	7699.865	448
449	31266.695	33207.092	7903.148	-0.52	7902.632	449
450	31268.858	33827.516	8067.856	-0.44	8067.414	450
451	31271.710	37167.734	7820.766	-0.61	7820.159	451
452	31281.215	38275.746	8056.607	-1.88	8054.726	452
453	31305.534	31079.029	7672.659	0.00	7672.655	453
454	31310.646	34159.809	8007.824	-0.05	8007.773	454
455	31318.797	37586.268	7875.996	-0.26	7875.734	455
456	31324.467	39307.395	7830.939	1.00	7831.939	456
457	31348.320	33514.895	7985.437	-0.09	7985.346	457
458	31349.245	35085.029	7744.305	0.74	7745.043	458
459	31352.063	36710.407	7601.137	-0.39	7600.749	459
460	31366.399	36548.742	7556.914	0.00	0.000	460
461	31382.520	30816.440	7531.172	-0.02	7531.150	461
462	31398.477	37937.581	7962.572	-0.63	7961.940	462
463	31400.889	32234.894	7728.585	0.20	7728.787	463
464	31466.211	31397.424	7650.651	0.19	7650.842	464
465	31484.683	32885.902	7763.237	-0.05	7763.186	465
467	31565.872	31833.058	7730.855	-0.21	7730.646	467
468	31566.642	35302.241	7765.696	-0.77	7764.923	468
469	31567.195	33151.946	7899.823	0.06	7899.884	469
470	31578.202	34011.232	8099.914	-0.17	8099.740	470
471	31578.550	38205.326	8028.543	-0.02	8028.521	471
472	31597.621	35713.972	7642.516	0.00	0.000	472
473	31599.065	34338.679	8047.048	0.00	8047.048	473
474	31611.514	30856.934	7492.734	0.03	7492.768	474
475	31627.574	37208.687	7696.260	-0.51	7695.751	475
476	31629.116	33732.788	8063.239	-0.43	8062.808	476
477	31637.759	34935.580	7907.219	0.95	7908.168	477
478	31639.778	34683.474	7955.092	-0.33	7954.758	478
479	31649.982	38459.793	8136.010	-2.14	8133.870	479
480	31652.984	31563.446	7602.833	-0.08	7602.754	480
481	31654.967	36195.286	7556.965	1.60	7558.562	481
482	31655.182	39302.757	7987.932	-0.10	7987.833	482
483	31660.294	36484.406	7579.522	-0.11	7579.412	483
484	31686.403	31128.302	7539.869	-1.10	7538.768	484

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POINT	EASTING	NORTHING	2004 ELEVATION	2008 DIFFERENCE	2008 ELEVATION	POINT
485	31689.905	37810.382	7827.857	-1.15	7826.706	485
486	31709.704	37516.945	7685.985	-0.47	7685.511	486
487	31713.881	32024.489	7592.691	-1.60	7591.087	487
488	31721.348	32326.863	7561.186	0.24	7561.428	488
489	31727.656	36869.845	7543.940	-0.09	7543.853	489
490	31765.984	32944.707	7802.039	0.02	7802.058	490
491	31772.276	33430.633	7942.881	-0.61	7942.272	491
492	31777.701	34076.211	8144.222	-0.19	8144.027	492
493	31882.984	36068.794	7637.534	-0.02	7637.518	493
494	31895.218	38042.066	7913.747	-0.64	7913.111	494
495	31902.188	33898.195	8091.204	0.82	8092.022	495
496	31914.851	38566.015	8307.905	-0.05	8307.857	496
497	31921.622	39306.387	8151.592	-0.32	8151.273	497
498	31923.698	31367.303	7400.802	0.15	7400.950	498
499	31923.926	35504.733	7834.089	0.25	7834.343	499
500	31927.978	37197.327	7570.054	-0.33	7569.724	500
501	31929.731	34397.138	8129.105	-0.55	8128.551	501
502	31940.606	32711.802	7653.344	0.19	7653.531	502
503	31959.872	34961.711	7998.977	0.00	0.000	503
504	31977.553	37715.161	7748.323	-0.07	7748.255	504
505	31982.594	38272.243	8054.658	-0.22	8054.442	505
506	31992.345	33213.199	7827.624	0.98	7828.605	506
507	31993.892	30953.459	7250.085	-0.04	7250.042	507
508	32000.684	32240.434	7461.694	-0.08	7461.613	508
509	32001.670	37492.855	7672.595	-0.95	7671.645	509
510	32007.421	31776.551	7477.843	-0.57	7477.274	510
511	32011.399	36349.738	7734.284	-0.07	7734.213	511
512	32015.561	36775.261	7615.228	0.00	0.000	512
513	32061.367	34182.644	8242.861	-0.16	8242.702	513
514	32079.401	33481.282	7924.556	0.58	7925.139	514
515	32081.559	38972.439	8269.581	0.00	0.000	515
516	32120.340	32417.523	7563.020	0.46	7563.484	516
517	32125.445	33740.384	8039.440	-0.19	8039.250	517
518	32137.355	34592.113	8158.673	-0.06	8158.614	518
519	32164.751	34049.121	8140.858	-0.59	8140.269	519
520	32164.814	36395.704	7783.506	-0.76	7782.743	520
521	32185.696	39177.760	8322.292	-1.09	8321.203	521
522	32196.702	34320.273	8253.027	-0.34	8252.683	522
523	32197.245	38699.331	8446.869	-0.68	8446.186	523
524	32207.664	32992.205	7854.602	-0.14	7854.465	524
525	32211.274	35895.741	7783.402	2.98	7786.380	525
526	32214.564	36147.455	7744.323	-0.05	7744.275	526
527	32219.660	39418.016	8360.100	-0.16	8359.943	527
528	32221.735	31524.011	7416.063	-0.40	7415.661	528
529	32224.207	36877.232	7638.823	1.08	7639.902	529
530	32230.014	37966.647	7843.836	-0.10	7843.739	530
531	32236.569	35231.630	8018.157	0.69	8018.844	531
532	32242.935	33438.943	7948.023	-0.34	7947.687	532
533	32258.897	31034.417	7172.224	-1.08	7171.147	533

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534	32267.171	37369.917	7653.258	-0.21	7653.048	534
535	32270.687	38328.817	8056.660	-0.43	8056.227	535
536	32299.210	32022.477	7396.634	-0.59	7396.046	536
537	32305.918	32713.463	7770.095	-1.25	7768.847	537
538	32348.927	34538.813	8272.343	-0.22	8272.119	538
539	32373.537	37689.721	7697.327	-0.03	7697.300	539
540	32375.882	34868.066	8192.053	0.00	0.000	540
541	32422.154	30894.463	7314.860	0.16	7315.016	541
542	32441.839	32931.843	7844.018	-0.43	7843.590	542
543	32453.894	36284.548	7871.826	-0.59	7871.235	543
544	32464.173	34558.443	8349.099	-0.08	8349.015	544
545	32473.152	31322.460	7199.545	-0.04	7199.502	545
546	32481.482	38826.906	8568.681	-0.39	8568.289	546
547	32505.534	35108.559	8181.836	0.00	0.000	547
548	32509.748	39054.462	8556.740	-2.04	8554.700	548
549	32512.054	37907.082	7797.541	0.64	7798.178	549
550	32518.598	34106.988	8068.974	-0.27	8068.707	550
551	32519.019	33218.967	7828.429	-0.50	7827.929	551
552	32520.762	35488.705	8028.436	0.00	0.000	552
553	32521.118	39357.148	8561.826	-1.61	8560.216	553
554	32522.626	37072.640	7745.146	-0.02	7745.122	554
555	32522.708	31941.910	7282.509	-0.71	7281.797	555
556	32523.041	35846.149	7944.963	0.78	7945.747	556
557	32525.105	38655.522	8443.443	-0.26	8443.184	557
558	32526.101	31665.311	7246.681	-0.32	7246.364	558
559	32534.553	33825.348	7946.332	0.34	7946.676	559
560	32538.638	38335.950	8146.658	-0.21	8146.446	560
561	32546.614	32440.823	7585.650	-0.41	7585.235	561
562	32557.408	31170.504	7305.302	0.18	7305.485	562
563	32589.666	32139.718	7370.595	-0.14	7370.460	563
564	32591.676	33577.554	7865.509	1.73	7867.238	564
565	32613.669	36682.424	7780.565	-0.65	7779.914	565
566	32624.355	37480.713	7754.927	-0.33	7754.599	566
567	32657.895	34704.796	8411.283	0.00	8411.283	567
568	32672.296	32997.926	7761.316	-1.21	7760.108	568
569	32696.739	31305.851	7372.935	1.04	7373.979	569
570	32716.427	35282.075	8201.309	0.00	0.000	570
571	32723.111	38751.564	8450.608	-0.04	8450.567	571
572	32726.822	31610.687	7333.102	-0.61	7332.495	572
573	32744.943	30863.605	7476.621	0.00	0.000	573
574	32757.664	36173.263	7989.271	0.00	0.000	574
575	32804.019	34426.485	8185.633	-0.03	8185.606	575
576	32804.235	37818.030	7752.983	0.27	7753.251	576
577	32807.137	39374.857	8746.900	-1.91	8744.994	577
578	32814.530	31890.017	7407.095	-1.08	7406.011	578
579	32815.524	36458.364	7891.239	0.00	0.000	579
580	32815.985	38523.671	8217.860	0.28	8218.143	580
581	32820.966	34879.555	8437.122	-0.06	8437.063	581
582	32824.271	33189.682	7731.944	-0.75	7731.199	582

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583	32825.684	32673.211	7614.202	-0.53	7613.668	583
584	32839.571	34052.214	8007.669	0.51	8008.177	584
585	32839.625	37275.725	7852.265	0.16	7852.423	585
586	32849.098	35905.918	8097.701	-0.10	8097.599	586
587	32867.469	32138.878	7324.190	-0.99	7323.202	587
588	32888.929	38068.075	7913.490	-0.32	7913.171	588
589	32911.092	32357.355	7390.975	-0.31	7390.668	589
590	32912.631	33468.954	7808.821	-0.07	7808.749	590
591	32918.016	35499.356	8222.796	0.00	0.000	591
592	32918.223	39015.587	8539.331	-0.01	8539.325	592
593	32920.528	36917.206	7921.538	-0.63	7920.904	593
594	32993.888	31030.761	7527.735	0.16	7527.893	594
595	32995.215	39341.298	8668.416	-0.62	8667.797	595
596	33000.958	34401.740	8104.546	0.33	8104.872	596
597	33006.769	33089.467	7716.882	-1.42	7715.460	597
598	33050.724	33247.281	7723.856	-1.36	7722.499	598
599	33051.661	36734.106	7971.511	-0.33	7971.184	599
600	33054.426	31436.713	7504.044	-0.95	7503.097	600
601	33096.741	35142.632	8485.836	-0.28	8485.552	601
602	33097.590	36201.142	8109.308	0.00	0.000	602
603	33117.499	37628.832	7880.720	-0.26	7880.458	603
604	33124.502	30823.225	7640.605	-0.48	7640.125	604
605	33126.115	31756.836	7456.704	-0.03	7456.670	605
606	33127.147	34643.703	8173.391	-0.15	8173.242	606
607	33129.132	38721.245	8212.485	-0.01	8212.472	607
608	33136.248	32820.180	0.000	0.00	0.000	608
609	33171.458	33755.528	7812.751	-0.32	7812.427	609
610	33174.168	31953.024	7462.291	-0.24	7462.048	610
611	33220.027	38460.570	8077.736	-0.08	8077.652	611
612	33223.304	37124.869	8038.336	-0.77	8037.563	612
613	33232.112	35757.843	8401.095	0.37	8401.464	613
614	33232.183	31159.930	7658.910	1.42	7660.333	614
615	33243.105	37942.047	7867.315	-0.30	7867.015	615
616	33251.120	36512.625	8087.323	0.00	0.000	616
617	33256.429	32340.642	7437.841	-0.07	7437.767	617
618	33267.969	34061.066	7894.510	-0.06	7894.446	618
619	33276.977	38199.096	8007.993	-0.21	8007.783	619
620	33291.102	33487.354	7700.268	-0.23	7700.037	620
621	33329.177	34870.929	8243.969	0.07	8244.036	621
622	33329.361	39398.654	8684.179	-4.58	8679.602	622
623	33349.131	39067.948	8547.168	-2.57	8544.599	623
624	33354.483	30941.122	7797.377	1.41	7798.784	624
625	33393.612	32723.574	0.000	0.00	7441.010	625
626	33404.587	34367.182	7945.293	0.41	7945.698	626
627	33410.717	36183.887	8357.465	-0.62	8356.849	627
628	33424.488	33112.065	7650.507	0.02	7650.525	628
629	33428.365	31388.573	7746.124	-0.97	7745.159	629
630	33445.236	34689.000	8097.831	1.26	8099.094	630
631	33470.504	35403.487	8607.472	-0.41	8607.057	631

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632	33500.433	35106.884	8405.800	-0.09	8405.706	632
633	33504.043	38027.850	8004.578	1.02	8005.603	633
634	33516.843	31841.419	7687.559	0.42	7687.975	634
635	33528.225	36747.915	8323.958	-0.66	8323.303	635
636	33531.791	37129.595	8233.662	-0.13	8233.528	636
637	33533.825	38853.960	8449.982	-0.31	8449.677	637
638	33533.866	31215.942	7813.073	-0.96	7812.111	638
639	33547.601	38313.139	8209.695	-0.20	8209.498	639
640	33550.190	37437.041	8122.475	0.00	0.000	640
641	33555.565	38571.644	8404.816	-1.22	8403.600	641
642	33555.684	39067.592	8618.989	-0.83	8618.162	642
643	33575.730	37684.694	8079.957	-0.08	8079.873	643
644	33580.888	33749.119	7691.351	0.90	7692.246	644
645	33585.902	36398.640	8360.738	-0.40	8360.338	645
646	33601.098	36105.073	8468.777	0.00	0.000	646
647	33604.098	32394.654	7446.920	0.00	7446.920	647
648	33609.251	31555.354	7742.801	2.48	7745.278	648
649	33635.396	32994.070	7446.555	-0.37	7446.190	649
650	33662.749	33174.039	7542.630	0.17	7542.802	650
651	33673.652	34067.265	7796.425	-0.17	7796.253	651
652	33689.978	34738.430	8115.761	0.63	8116.388	652
653	33705.197	34346.572	7886.183	0.04	7886.220	653
654	33750.160	33516.788	7599.569	-0.06	7599.511	654
655	33758.471	39281.591	8743.463	-4.20	8739.263	655
656	33772.494	32058.008	7651.213	-1.20	7650.011	656
657	33782.418	32616.058	7613.484	-0.09	7613.391	657
658	33784.577	31390.905	7826.938	0.04	7826.980	658
659	33789.358	35662.623	8682.458	0.44	8682.902	659
660	33807.090	33028.884	7577.871	0.96	7578.828	660
661	33817.295	30943.926	7991.133	-0.67	7990.464	661
662	33823.960	37752.265	8241.377	-0.35	8241.023	662
663	33834.136	38092.267	8176.615	-0.03	8176.586	663
664	33846.521	38870.511	8652.636	0.00	0.000	664
665	33852.496	37349.642	8298.142	-0.02	8298.123	665
666	33879.901	38257.491	8278.736	-0.40	8278.336	666
667	33879.953	33824.602	7656.838	-0.02	7656.813	667
668	33894.206	31833.803	7696.420	-0.10	7696.320	668
669	33901.757	36994.624	8528.762	-0.41	8528.348	669
670	33902.509	36282.251	8566.977	0.00	0.000	670
671	33916.887	34983.706	8222.150	-0.01	8222.135	671
672	33924.234	38530.925	8514.631	-0.28	8514.351	672
673	33948.719	33236.972	7608.392	-0.22	7608.171	673
674	33952.258	34754.504	8094.243	-0.21	8094.035	674
675	33954.203	36521.756	8613.848	-1.63	8612.214	675
676	33966.907	32703.492	7687.079	-0.53	7686.552	676
677	33974.734	34120.033	7758.656	2.84	7761.492	677
678	33990.379	35308.519	8458.168	0.80	8458.964	678
679	33990.465	32284.859	7527.653	0.00	0.000	679
680	33990.640	34441.621	7936.818	-0.61	7936.207	680

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681	33998.708	31185.593	0.000	0.00	0.000	681
682	34006.062	35832.812	8770.058	0.00	0.000	682
683	34007.451	36822.877	8588.552	-0.60	8587.947	683
684	34021.119	30740.143	8093.526	-0.88	8092.651	684
685	34044.351	31614.027	7751.292	0.04	7751.328	685
686	34080.027	32616.948	7687.243	-0.18	7687.066	686
687	34092.635	32052.022	7648.916	0.00	0.000	687
688	34139.917	33441.432	7685.061	-0.13	7684.930	688
689	34156.213	32368.774	7661.879	-0.04	7661.835	689
690	34198.141	34785.779	8122.612	-0.02	8122.588	690
691	34213.395	33589.615	7712.218	-0.55	7711.664	691
692	34244.444	33077.281	7703.073	2.18	7705.257	692
693	34259.261	35932.084	8815.462	0.00	0.000	693
694	34264.223	35596.531	8651.366	-0.99	8650.379	694
695	34302.866	33927.928	7728.463	-0.07	7728.392	695
696	34314.557	32157.117	7658.351	2.26	7660.610	696
697	34316.823	36715.951	8743.853	-0.66	8743.188	697
698	34319.644	34174.598	7784.960	-0.85	7784.112	698
699	34325.777	31752.493	7753.795	-0.96	7752.831	699
700	34327.275	35305.690	8516.411	0.49	8516.902	700
701	34328.763	34999.666	8259.791	-0.22	8259.575	701
702	34338.861	34416.826	7915.495	-0.41	7915.089	702
703	34343.996	32573.635	7783.112	-0.19	7782.926	703
704	34348.011	36309.657	8789.908	-1.04	8788.869	704
705	34411.106	33349.135	7816.706	0.35	7817.054	705
706	34525.048	32870.274	7883.782	-0.05	7883.729	706
707	34537.366	34497.614	7926.540	-0.02	7926.518	707
708	34546.183	31498.762	7874.792	0.91	7875.701	708
709	34562.147	35878.136	8803.082	-1.50	8801.580	709
710	34563.944	34766.174	8064.425	0.19	8064.613	710
711	34565.635	36735.525	8729.685	-1.72	8727.961	711
712	34577.890	31890.251	7739.725	0.13	7739.860	712
713	34579.616	34124.061	7815.350	0.00	7815.354	713
714	34580.487	35334.072	8533.289	0.44	8533.734	714
715	34587.594	32551.084	7788.486	0.06	7788.541	715
716	34594.903	33838.369	7857.110	-0.11	7856.996	716
717	34614.170	32043.899	7804.484	1.18	7805.665	717
718	34650.699	35543.950	8662.517	1.00	8663.520	718
719	34665.964	33267.195	7918.652	0.11	7918.767	719
720	34670.535	36400.896	8756.059	-2.05	8754.013	720
721	34685.821	35029.838	8292.347	-0.75	8291.601	721
722	34727.677	33566.917	7912.745	1.00	7913.744	722
723	34735.899	31273.167	7991.214	0.00	0.000	723
724	34758.771	32007.251	7871.302	-0.54	7870.758	724
725	34764.307	32308.927	7829.295	0.30	7829.590	725
726	34791.439	32909.773	7973.991	-0.53	7973.459	726
727	34832.276	34491.560	8096.929	-0.05	8096.883	727
728	34840.931	31131.306	8053.219	0.00	0.000	728
729	34842.675	31777.094	7866.774	-0.41	7866.368	729

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730	34849.298	36747.207	8693.849	-2.01	8691.838	730
731	34880.244	36161.460	8754.928	-1.13	8753.803	731
732	34884.869	35257.609	8563.735	0.13	8563.868	732
733	34891.272	35828.925	8797.499	-0.95	8796.551	733
734	34897.369	33171.472	8043.976	0.43	8044.405	734
735	34900.109	35591.601	8760.148	-0.10	8760.049	735
736	34906.285	34819.351	8363.468	-0.12	8363.349	736
737	34940.802	32602.684	7892.197	0.71	7892.904	737
738	34948.109	33755.514	8008.656	-0.59	8008.062	738
739	34967.610	34062.711	8040.893	-0.56	8040.332	739
740	35063.718	32289.411	8000.524	-0.21	8000.311	740
741	35069.048	32879.461	8036.263	0.75	8037.010	741
742	35081.636	31939.594	8010.011	-0.15	8009.860	742
743	35098.075	30701.067	8272.936	0.00	0.000	743
744	35098.921	31308.831	7996.749	0.00	0.000	744
745	35103.030	31678.936	7955.165	0.78	7955.941	745
746	35110.664	36449.959	8691.105	-1.26	8689.842	746
747	35149.098	33545.571	8139.637	-0.52	8139.118	747
748	35161.900	35064.344	8609.145	-0.26	8608.888	748
749	35172.196	35889.696	8776.256	-0.96	8775.299	749
750	35175.320	34125.653	8127.123	-0.11	8127.017	750
751	35204.737	36190.549	8722.751	-1.19	8721.559	751
752	35222.912	36694.255	8604.698	-1.88	8602.817	752
753	35227.097	35605.454	8790.741	-1.65	8789.088	753
754	35232.293	34879.983	8535.888	-0.01	8535.883	754
755	35232.680	35347.057	8711.277	-0.55	8710.730	755
756	35238.355	33238.067	8250.644	-0.28	8250.361	756
757	35243.085	34444.664	0.000	0.00	8191.625	757
758	35249.972	32663.114	8062.075	-0.27	8061.805	758
759	35294.324	31939.692	8123.972	1.76	8125.732	759
760	35320.421	32304.662	8102.394	-0.45	8101.944	760
761	35383.032	33736.253	8265.535	0.01	8265.547	761
762	35429.573	31661.420	8164.779	-0.53	8164.251	762
763	35461.705	36169.144	8696.637	-1.00	8695.642	763
764	35465.764	35040.380	8683.578	1.11	8684.691	764
765	35473.553	34029.349	8319.117	-0.10	8319.013	765
766	35476.742	33183.998	8451.746	-0.41	8451.335	766
767	35488.302	31919.626	8231.041	1.78	8232.822	767
768	35492.981	35921.666	8726.823	-0.76	8726.061	768
769	35506.384	31397.719	8189.168	-0.06	8189.104	769
770	35506.867	35584.398	8771.934	-0.69	8771.243	770
771	35513.147	35287.845	8789.858	-1.66	8788.196	771
772	35516.666	33492.545	8389.465	0.00	0.000	772
773	35524.617	34796.643	8543.939	-0.19	8543.752	773
774	35535.378	32903.758	8336.431	1.68	8338.114	774
775	35558.716	36598.641	8567.259	-2.17	8565.085	775
776	35577.158	36777.749	8535.145	-2.22	8532.923	776
777	35583.765	32240.938	8284.904	-0.02	8284.889	777
778	35592.223	34453.366	8440.363	-0.44	8439.922	778

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779	35622.628	31160.796	8299.620	0.12	8299.738	779
780	35645.476	32497.774	8316.040	-0.08	8315.965	780
781	35672.377	31568.943	8365.293	-0.29	8365.000	781
782	35754.644	33974.598	8551.051	-0.18	8550.872	782
783	35776.458	32942.833	8549.708	-0.58	8549.132	783
784	35781.451	34924.771	8642.577	-0.03	8642.551	784
785	35791.189	35928.278	8688.890	-2.25	8686.638	785
786	35793.592	35212.551	8777.261	-0.70	8776.556	786
787	35793.774	33580.333	8616.277	-0.11	8616.163	787
788	35795.922	33209.206	8670.643	-0.02	8670.618	788
789	35809.311	34627.597	8585.078	-0.52	8584.553	789
790	35815.988	36380.456	8567.789	0.00	0.000	790
791	35823.705	32154.117	8437.927	0.01	8437.942	791
792	35837.947	31117.097	8490.104	0.02	8490.128	792
793	35841.815	35597.541	8744.144	-2.06	8742.081	793
794	35844.647	34333.006	8603.283	-0.15	8603.129	794
795	35848.148	31760.290	8504.875	-0.49	8504.386	795
796	35874.340	36741.438	8509.638	-2.92	8506.722	796
797	35933.472	32474.234	8565.225	-0.15	8565.079	797
798	35977.819	30943.024	8551.190	0.00	0.000	798
799	35981.921	31492.088	8598.012	-0.40	8597.611	799
800	36006.934	32811.099	8703.471	-0.19	8703.283	800
801	36044.749	35014.866	8783.288	-0.45	8782.842	801
802	36060.230	31917.312	8641.347	-0.49	8640.857	802
803	36081.599	36420.240	8537.085	0.00	0.000	803
804	36083.438	33585.577	8765.354	-0.81	8764.540	804
805	36085.913	33232.092	8801.864	-1.42	8800.448	805
806	36136.218	31684.153	8738.617	-0.71	8737.903	806
807	36137.199	34740.385	8783.927	-1.29	8782.640	807
808	36142.312	32284.424	8694.667	-0.17	8694.500	808
809	36147.963	36664.225	8481.222	-4.11	8477.114	809
810	36152.276	35978.141	8632.452	-0.16	8632.290	810
811	36170.976	35599.747	8734.680	-1.56	8733.118	811
812	36183.555	34131.536	8801.947	-0.89	8801.053	812
813	36195.631	35329.037	8764.387	-2.03	8762.360	813
814	36222.682	33883.494	8776.552	-1.78	8774.771	814
815	36232.444	32824.490	8826.416	-0.76	8825.654	815
816	36233.662	34378.700	8799.100	-1.66	8797.443	816
817	36268.087	36244.227	8563.521	-2.45	8561.070	817
818	36280.147	32559.155	8796.645	-0.49	8796.154	818
819	36312.213	31173.487	8827.000	-0.05	8826.954	819
820	36416.968	32306.640	8809.658	-0.86	8808.797	820
821	36428.314	33888.851	8773.198	-0.86	8772.338	821
822	36436.416	34214.779	8802.359	-1.39	8800.972	822
823	36442.099	32597.840	8782.134	-0.55	8781.582	823
824	36446.652	33636.504	8741.973	-0.78	8741.189	824
825	36466.141	30837.671	8928.450	-0.04	8928.411	825
826	36468.582	31724.511	8881.091	-0.61	8880.479	826
827	36469.266	33040.735	8760.123	-0.16	8759.959	827

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828	36504.533	33375.905	8714.957	-1.25	8713.710	828
829	36504.755	31993.927	8850.563	-0.81	8849.758	829
830	36512.125	34969.720	8780.638	-1.41	8779.233	830
831	36513.288	35904.773	8695.176	-2.78	8692.397	831
832	36517.175	35619.680	8740.097	-2.40	8737.701	832
833	36518.317	31452.503	8898.490	-0.41	8898.084	833
834	36525.265	36701.664	8463.086	0.00	0.000	834
835	36526.675	35333.738	8761.219	-2.06	8759.156	835
836	36534.244	34614.812	8792.696	-1.94	8790.751	836
837	36550.795	31237.938	8914.081	-0.83	8913.248	837
838	36554.534	36270.287	8562.535	0.00	0.000	838
839	36593.865	36593.865	8943.218	0.00	0.000	839
840	29198.243	31085.260	7914.255	0.64	7914.896	840
841	27054.121	38135.886	7308.260	-0.24	7308.021	841
842	27157.324	38297.027	7316.514	1.20	7317.714	842
843	27350.913	38401.228	7344.011	-0.24	7343.775	843
844	27362.348	38196.739	7227.431	2.58	7230.009	844
845	27504.716	38474.741	7327.041	1.26	7328.300	845
846	27566.628	38679.991	7429.533	-0.99	7428.547	846
847	27596.055	38277.412	7207.681	2.99	7210.666	847
848	27698.862	38668.881	7353.906	3.52	7357.422	848
849	27847.722	38490.858	7196.738	0.88	7197.614	849
850	27918.873	38880.083	7353.272	1.13	7354.403	850
851	27976.996	38676.180	7190.622	8.18	7198.804	851
852	28165.342	39101.062	7430.892	0.00	0.000	852
853	28253.131	38839.108	7235.995	0.48	7236.471	853
854	28349.551	36990.279	7993.439	-0.43	7993.009	854
855	28362.573	39315.155	7360.803	-0.15	7360.653	855
856	28435.676	38869.622	7224.331	-0.19	7224.142	856
857	28592.626	38966.709	7344.424	0.33	7344.753	857
858	28678.470	39546.034	7463.759	0.00	0.000	858
859	28703.321	38855.323	7280.589	-0.20	7280.387	859
860	28778.757	39135.492	7545.837	-0.34	7545.501	860
861	28821.125	39913.960	7549.553	-0.57	7548.987	861
862	28871.412	38912.680	7335.708	-0.27	7335.442	862
863	28914.422	30781.022	7922.669	0.40	7923.072	863
864	28950.805	39341.111	7579.440	1.35	7580.787	864
865	29092.631	39519.737	7645.339	-0.27	7645.067	865
866	29104.833	39026.117	7475.311	2.51	7477.820	866
867	29183.777	40117.986	7779.003	-0.06	7778.939	867
868	29219.397	39693.401	7763.856	0.80	7764.658	868
869	29227.842	30700.340	7706.515	2.05	7708.562	869
870	29253.298	38116.881	7760.480	0.39	7760.865	870
871	29267.567	39151.476	7444.867	-0.16	7444.702	871
872	29300.597	39391.893	7581.927	0.05	7581.978	872
873	29321.767	39907.135	7802.259	0.32	7802.580	873
874	29400.422	38943.017	7539.272	-0.10	7539.167	874
875	29474.670	38535.790	7698.467	0.00	0.000	875
876	29488.167	39973.446	7817.664	-0.61	7817.053	876

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877	29500.712	30573.609	7428.721	1.48	7430.203	877
878	29558.320	40142.370	7842.508	-0.50	7842.008	878
879	29567.880	40353.684	7921.665	-0.26	7921.406	879
880	29573.392	39321.316	7520.284	0.09	7520.376	880
881	29594.537	39600.298	7630.822	-0.04	7630.783	881
882	29630.231	39799.251	7725.783	0.60	7726.387	882
883	29699.108	40440.321	7911.138	-0.08	7911.055	883
884	29732.343	30486.060	7398.874	0.18	7399.056	884
885	29735.280	39417.815	7512.368	0.23	7512.596	885
886	29762.350	32411.404	7963.806	-0.72	7963.081	886
887	29808.539	40150.224	7790.720	0.98	7791.697	887
888	29854.695	39764.390	7609.389	-0.20	7609.193	888
889	29880.186	30652.066	7417.931	0.16	7418.095	889
890	29887.223	39579.675	7525.858	0.26	7526.114	890
891	29897.485	38202.570	7903.656	0.00	0.000	891
892	29911.638	40460.154	7808.773	1.30	7810.072	892
893	29932.074	32440.664	7970.520	-0.73	7969.787	893
894	29956.700	39927.070	7667.036	0.00	7667.039	894
895	29978.032	32595.021	7916.204	0.00	0.000	895
896	29983.037	40701.922	7903.323	0.59	7903.914	896
897	29992.134	30330.811	7265.321	-0.10	7265.219	897
898	30001.592	40287.353	7729.593	0.00	0.000	898
899	30098.568	39415.046	7549.748	-0.11	7549.642	899
900	30110.541	30661.318	7304.276	0.46	7304.734	900
901	30121.106	38463.685	7877.768	0.00	0.000	901
902	30138.679	40362.353	7694.506	-0.10	7694.405	902
903	30160.732	40008.010	7599.832	2.95	7602.783	903
904	30175.597	40597.227	7795.777	0.25	7796.030	904
905	30181.193	30476.222	7182.531	-0.13	7182.399	905
906	30213.808	40890.144	7943.648	-0.02	7943.633	906
907	30225.189	40153.142	7610.563	0.05	7610.612	907
908	30333.552	30675.563	7312.232	0.52	7312.750	908
909	30373.005	39523.117	7713.619	-1.71	7711.905	909
910	30395.654	40593.923	7715.585	-0.24	7715.348	910
911	30418.209	30045.487	7191.874	0.63	7192.506	911
912	30444.933	41091.078	7954.196	0.11	7954.305	912
913	30446.776	30422.186	7322.917	0.20	7323.119	913
914	30488.120	40247.864	7693.734	-0.33	7693.407	914
915	30522.340	39642.640	7784.288	-0.26	7784.031	915
916	30545.998	30185.551	7305.663	1.55	7307.217	916
917	30598.086	40811.396	7767.963	0.42	7768.387	917
918	30647.030	40082.116	7781.926	0.00	0.000	918
919	30689.564	30665.623	7639.711	0.01	7639.718	919
920	30704.892	41320.376	8029.823	-0.17	8029.651	920
921	30753.580	39480.928	7772.567	-0.18	7772.389	921
922	30758.055	39714.117	7880.442	-0.03	7880.415	922
923	30760.129	40899.767	7805.044	-0.23	7804.816	923
924	30823.851	30781.138	7703.359	0.88	7704.240	924
925	30830.903	29913.231	7181.896	-0.28	7181.615	925

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926	30855.350	30399.006	7484.627	1.78	7486.407	926
927	30894.434	41034.850	7814.569	0.72	7815.288	927
928	30927.711	39742.122	7950.485	-0.09	7950.391	928
929	30941.464	41479.737	8121.764	-0.24	8121.526	929
930	31009.738	39511.601	7871.044	3.69	7874.736	930
931	31014.794	30127.016	7260.716	3.11	7263.825	931
932	31037.185	30556.603	7557.854	0.66	7558.510	932
933	31055.188	41277.964	7938.649	0.05	7938.698	933
934	31095.340	40909.254	7854.289	-0.89	7853.398	934
935	31111.077	39791.944	8068.515	0.90	8069.411	935
936	31128.530	41701.884	8208.940	0.13	8209.069	936
937	31134.106	29760.133	7049.976	-0.80	7049.172	937
938	31147.990	30329.218	7302.694	2.17	7304.865	938
939	31158.439	41077.768	7928.152	-0.36	7927.796	939
940	31164.637	30708.247	7557.778	-0.40	7557.377	940
941	31176.222	40594.556	7955.191	0.00	0.000	941
942	31222.960	30034.149	7144.615	2.28	7146.892	942
943	31235.002	39608.767	8001.180	1.13	8002.315	943
944	31307.696	41541.121	8131.523	0.00	0.000	944
945	31323.559	39919.008	8271.410	0.06	8271.469	945
946	31349.758	41258.411	8113.113	-0.50	8112.614	946
947	31351.113	40895.988	7968.163	1.54	7969.701	947
948	31356.534	30474.294	7302.323	0.97	7303.296	948
949	31372.272	29535.215	7189.807	-0.09	7189.718	949
950	31408.627	40259.798	8211.000	0.00	0.000	950
951	31450.845	39630.923	8083.907	-0.46	8083.447	951
952	31455.525	30043.399	7085.107	-0.38	7084.723	952
953	31460.052	30228.013	7170.464	0.52	7170.985	953
954	31489.036	39469.989	7986.558	0.79	7987.347	954
955	31492.624	30613.963	7291.777	2.41	7294.191	955
956	31505.873	41089.769	8164.925	0.38	8165.309	956
957	31582.538	39994.307	8430.903	0.92	8431.826	957
958	31605.591	39773.829	8287.625	0.68	8288.304	958
959	31611.916	41267.702	8317.388	-0.89	8316.497	959
960	31691.094	40772.660	8162.896	0.00	0.000	960
961	31724.046	29290.726	7343.191	-0.60	7342.594	961
962	31725.491	39614.016	8144.941	2.19	8147.135	962
963	31735.102	29608.105	7289.904	-0.11	7289.791	963
964	31755.649	30398.872	7128.171	0.20	7128.376	964
965	31773.963	40072.810	8520.280	-0.06	8520.219	965
966	31781.739	41068.626	8268.925	0.72	8269.644	966
967	31784.995	39847.581	8345.899	-0.19	8345.705	967
968	31889.160	30719.160	7224.733	-0.36	7224.376	968
969	31895.719	39664.098	8236.998	-0.01	8236.988	969
970	31925.575	30501.443	7132.022	-0.42	7131.600	970
971	31970.788	29594.354	7431.423	-0.74	7430.685	971
972	31979.864	39843.611	8396.148	-0.47	8395.682	972
973	32000.013	30270.592	7221.037	0.00	0.000	973
974	32045.391	40134.557	8563.069	-0.74	8562.326	974

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POINT	EASTING	NORTHING	2004 ELEVATION	2008 DIFFERENCE	2008 ELEVATION	POINT
975	32051.102	40887.666	8367.910	-0.70	8367.205	975
976	32053.616	40534.063	8410.054	1.61	8411.665	976
977	32103.873	30083.865	7324.916	-1.71	7323.206	977
978	32166.381	29300.110	7531.260	0.00	0.000	978
979	32168.518	30396.368	7176.942	-0.10	7176.842	979
980	32172.224	39954.476	8524.035	-0.25	8523.788	980
981	32185.392	40631.229	8510.298	-0.42	8509.874	981
982	32253.979	39752.583	8472.775	-1.15	8471.621	982
983	32260.957	40154.543	8649.031	-1.07	8647.960	983
984	32290.677	29676.617	7587.555	0.00	0.000	984
985	32290.710	32013.977	7391.880	Duplicate	0.000	985
986	32362.347	40449.593	8567.933	0.00	0.000	986
987	32366.989	28894.789	7753.381	0.00	0.000	987
988	32414.885	40002.297	8641.782	-1.37	8640.415	988
989	32454.860	30668.981	7398.259	-0.24	7398.023	989
990	32463.919	30413.989	7452.204	0.31	7452.518	990
991	32497.288	40199.679	8750.270	-1.87	8748.401	991
992	32504.441	29847.497	7553.603	0.00	0.000	992
993	32527.851	29292.440	7775.444	-0.06	7775.385	993
994	32584.249	39692.524	8626.347	-0.05	8626.298	994
995	32588.655	29504.156	7759.071	0.00	0.000	995
996	32688.603	39052.395	8603.459	-0.12	8603.338	996
997	32779.095	30238.028	7471.302	-0.24	7471.065	997
998	32803.896	29864.802	7548.701	0.00	0.000	998
999	32812.017	29093.808	7957.624	-0.09	7957.534	999
1000	32843.611	40080.548	8849.815	-1.46	8848.355	1000
1001	32878.543	30483.932	7614.390	-0.37	7614.024	1001
1002	32894.686	39793.117	8821.175	-4.46	8816.714	1002
1003	32900.744	39530.437	8791.799	-2.47	8789.332	1003
1004	32976.171	38341.959	8037.664	0.38	8038.039	1004
1005	32976.967	28918.643	8007.310	-0.07	8007.237	1005
1006	33013.570	38896.885	8401.275	-0.20	8401.077	1006
1007	33024.146	30134.565	7594.823	-0.37	7594.449	1007
1008	33102.357	39095.010	8488.219	-0.37	8487.847	1008
1009	33110.525	29944.647	7610.494	-0.19	7610.307	1009
1010	33140.677	39618.257	8788.597	-3.61	8784.991	1010
1011	33152.156	30256.117	7707.143	0.21	7707.353	1011
1012	33173.162	29115.521	8010.012	-0.45	8009.562	1012
1013	33185.521	28785.800	7841.311	-0.03	7841.281	1013
1014	33224.797	30497.599	7864.098	-0.06	7864.035	1014
1015	33234.806	29380.080	7908.922	0.00	0.000	1015
1016	33312.009	38872.257	8394.546	-0.03	8394.519	1016
1017	33329.562	29166.142	8015.815	0.07	8015.880	1017
1018	33432.037	30034.324	7874.425	0.09	7874.515	1018
1019	33442.156	28942.603	7926.878	-0.36	7926.518	1019
1020	33480.762	28676.901	7731.600	0.10	7731.697	1020
1021	33497.027	30318.225	7986.827	-0.60	7986.232	1021
1022	33510.701	29645.469	7890.599	-0.35	7890.245	1022
1023	33531.628	39378.143	8751.313	-4.78	8746.535	1023

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POINT	EASTING	NORTHING	2004 ELEVATION	2008 DIFFERENCE	2008 ELEVATION	POINT
1024	33611.154	30662.183	7962.552	-0.13	7962.426	1024
1025	33619.422	30401.531	8032.855	-0.51	8032.343	1025
1026	33688.980	30103.641	8013.943	-0.74	8013.207	1026
1027	33696.464	29847.968	7948.053	-0.07	7947.985	1027
1028	33696.766	29254.227	8081.332	-1.52	8079.808	1028
1029	33721.943	28856.052	7919.552	0.52	7920.070	1029
1030	33798.272	29534.129	8058.417	-0.11	8058.304	1030
1031	33829.871	30275.265	8121.545	-0.66	8120.888	1031
1032	33908.461	30527.150	8107.638	-0.51	8107.125	1032
1033	33926.853	29814.958	8055.839	1.72	8057.556	1033
1034	33959.253	28966.406	8008.462	-0.57	8007.890	1034
1035	33988.009	29261.149	8099.706	-0.16	8099.541	1035
1036	33994.642	30127.794	8152.496	-0.34	8152.160	1036
1037	34019.093	29661.156	8117.631	0.70	8118.328	1037
1038	34073.211	38766.596	8603.016	-1.55	8601.468	1038
1039	34092.823	38372.549	8394.971	-1.52	8393.449	1039
1040	34129.686	29973.471	8205.121	-0.58	8204.543	1040
1041	34229.063	37179.809	8578.526	-0.41	8578.113	1041
1042	34230.465	38462.974	8492.362	-0.77	8491.590	1042
1043	34232.570	30288.281	8272.682	0.43	8273.113	1043
1044	34251.116	29466.865	8151.103	0.03	8151.136	1044
1045	34266.081	29155.411	8051.348	-0.02	8051.333	1045
1046	34297.961	36949.498	8689.483	0.00	0.000	1046
1047	34301.018	37708.080	8581.841	-1.59	8580.254	1047
1048	34384.352	29775.867	8323.013	0.00	0.000	1048
1049	34439.682	38231.790	8546.665	-2.10	8544.566	1049
1050	34482.360	37394.863	8698.789	-0.69	8698.103	1050
1051	34497.720	37083.737	8702.493	-0.15	8702.346	1051
1052	34499.283	37927.097	8595.923	-0.20	8595.719	1052
1053	34508.018	37623.303	8693.755	-0.53	8693.225	1053
1054	34514.115	29399.489	8136.301	-0.53	8135.775	1054
1055	34622.752	29763.736	8383.089	-0.21	8382.881	1055
1056	34686.148	37944.852	8677.081	-1.02	8676.056	1056
1057	34756.709	30052.741	8562.211	-0.95	8561.258	1057
1058	34768.869	29527.582	8174.940	-0.37	8174.570	1058
1059	34803.735	37161.511	8684.250	-2.17	8682.083	1059
1060	34850.369	37463.109	8732.787	-1.97	8730.817	1060
1061	34855.902	37756.061	8752.193	-2.03	8750.167	1061
1062	34891.860	36941.103	8666.658	-2.54	8664.120	1062
1063	34904.715	29706.113	8292.857	-0.29	8292.570	1063
1064	35023.200	37273.870	8681.993	-1.89	8680.100	1064
1065	35052.255	37544.211	8731.092	-2.61	8728.477	1065
1066	35130.009	30092.481	8619.583	-0.23	8619.352	1066
1067	35177.209	29905.264	8486.253	-0.06	8486.189	1067
1068	35288.824	37297.404	8666.340	-2.42	8663.922	1068
1069	35292.164	36998.237	8557.822	-1.88	8555.947	1069
1070	35367.156	30016.878	8608.035	-0.58	8607.458	1070
1071	35529.380	30049.969	8677.160	-0.11	8677.052	1071
1072	35668.061	37112.554	8518.352	-4.32	8514.033	1072

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POINT	EASTING	NORTHING	2004 ELEVATION	2008 DIFFERENCE	2008 ELEVATION	POINT
1073	35801.122	30205.036	8760.018	-1.32	8758.699	1073
1074	36098.906	30352.972	8811.824	-0.23	8811.593	1074
1075	36296.417	33359.990	8769.579	-1.11	8768.466	1075
1076	36317.688	30497.865	8878.689	-0.30	8878.391	1076
1077	36535.239	34022.539	8795.171	-2.07	8793.103	1077
1078	36549.724	30679.385	8955.908	-0.87	8955.036	1078
1079	36608.663	34370.569	8792.377	-1.50	8790.873	1079
1080	36610.720	32502.582	8770.185	-0.26	8769.923	1080
1081	36658.307	34802.540	8778.801	-2.37	8776.434	1081
1082	36670.503	31807.363	8855.597	-0.80	8854.799	1082
1083	36675.165	32222.249	8809.069	-1.57	8807.497	1083
1084	36685.379	32857.979	8705.038	-1.60	8703.440	1084
1085	36691.693	33612.748	8723.206	-3.27	8719.933	1085
1086	36691.716	33403.767	8672.285	-2.70	8669.581	1086
1087	36694.168	35607.102	8729.795	-1.91	8727.886	1087
1088	36696.544	31466.975	8888.301	-1.05	8887.253	1088
1089	36722.834	35798.913	8702.324	-1.65	8700.671	1089
1090	36727.221	35103.084	8759.858	-1.23	8758.629	1090
1091	36753.834	33913.775	8789.421	-1.18	8788.237	1091
1092	36755.002	31240.263	8909.989	-1.15	8908.837	1092
1093	36759.477	34620.448	8751.888	-1.05	8750.842	1093
1094	36767.710	31958.915	8833.867	-0.30	8833.571	1094
1095	36775.982	35369.208	8745.368	-2.39	8742.974	1095
1096	36786.053	33151.307	8658.197	-1.83	8656.363	1096
1097	36802.678	31005.142	8932.537	-0.70	8931.838	1097
1098	36855.446	31709.675	8843.607	-0.23	8843.378	1098
1099	36870.574	34412.862	8703.494	0.02	8703.510	1099
1100	36876.617	32624.617	8686.388	-1.34	8685.047	1100
1101	36905.405	34827.558	8676.417	-0.12	8676.296	1101
1102	36916.237	34163.148	8730.217	-1.56	8728.657	1102
1103	36921.692	33502.161	8680.758	-1.38	8679.383	1103
1104	36922.498	32271.912	8761.354	-0.96	8760.392	1104
1105	36923.115	35556.951	8702.483	-1.41	8701.077	1105
1106	36975.506	35129.865	8698.766	-0.81	8697.954	1106
1107	36993.819	31975.159	8801.130	-0.72	8800.408	1107
1108	37004.308	31260.895	8888.055	-0.60	8887.450	1108
1109	37031.536	31519.737	8841.814	-1.23	8840.581	1109
1110	37047.170	33920.690	8737.804	-2.46	8735.348	1110
1111	37080.217	32975.498	8609.407	-2.34	8607.069	1111
1112	37081.264	34504.133	8583.038	0.70	8583.742	1112
1113	37114.101	35347.506	8652.408	-0.32	8652.083	1113
1114	37124.746	31763.190	8793.984	-0.51	8793.476	1114
1115	37150.725	34839.958	8558.466	0.82	8559.285	1115
1116	37185.522	33443.082	8725.759	-2.74	8723.024	1116
1117	37206.558	32177.489	8723.788	-1.21	8722.582	1117
1118	37248.705	33718.268	8766.190	-2.05	8764.143	1118
1119	37255.404	32770.712	8612.571	-2.41	8610.160	1119
1120	37261.886	31502.317	8803.839	-0.20	8803.638	1120
1121	37284.509	35152.674	8565.961	-1.08	8564.882	1121

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POINT	EASTING	NORTHING	2004 ELEVATION	2008 DIFFERENCE	2008 ELEVATION	POINT
1122	37285.164	34478.917	8471.073	0.32	8471.396	1122
1123	37323.109	33200.792	8644.500	-2.86	8641.640	1123
1124	37326.748	32018.008	8709.931	-1.06	8708.876	1124
1125	37340.651	33886.976	8699.479	-1.92	8697.563	1125
1126	37376.459	32308.207	8673.457	-0.34	8673.113	1126
1127	37395.174	34691.047	8360.612	1.40	8362.010	1127
1128	37398.212	32562.039	8641.763	-1.63	8640.135	1128
1129	37475.842	34937.666	8388.128	-0.04	8388.089	1129
1130	37566.149	33506.991	8723.212	-2.02	8721.194	1130
1131	37566.318	31638.549	8726.545	-0.42	8726.127	1131
1132	37574.479	32941.967	8587.828	-2.68	8585.146	1132
1133	37626.765	34337.901	8385.340	-1.84	8383.495	1133
1134	37628.931	32167.211	8637.438	-0.84	8636.596	1134
1135	37684.268	31801.352	8674.820	-1.78	8673.035	1135
1136	37686.894	33241.292	8658.340	-1.57	8656.770	1136
1137	37729.234	33696.617	8626.381	-0.03	8626.347	1137
1138	37731.101	32608.871	8589.122	-2.43	8586.692	1138
1139	37756.001	34757.599	8151.211	1.76	8152.973	1139
1140	37762.472	32410.701	8593.692	-1.39	8592.305	1140
1141	37790.048	34124.858	8392.581	-0.50	8392.077	1141
1142	37895.656	32812.696	8580.434	-1.88	8578.558	1142
1143	37902.599	34498.552	8155.749	-0.71	8155.041	1143
1144	37946.000	32115.275	8510.631	1.31	8511.937	1144
1145	37974.555	33252.912	8688.142	-1.84	8686.297	1145
1146	38040.875	32964.490	8625.070	-1.69	8623.378	1146
1147	38091.686	32348.406	8361.931	-0.77	8361.166	1147
1148	38116.752	34239.471	8156.379	0.00	0.000	1148
1149	38172.261	32723.080	8605.509	-2.34	8603.164	1149
1150	38297.057	34008.272	8177.786	-0.42	8177.370	1150
1151	38298.043	33185.876	8556.984	-2.83	8554.154	1151
1152	38359.614	32549.037	8394.903	-0.51	8394.395	1152
1153	38388.469	32827.210	8502.410	-1.49	8500.915	1153
1154	38417.401	33774.982	8148.986	-0.45	8148.534	1154
1155	38507.631	33408.707	8263.869	0.42	8264.286	1155
1156	38638.256	33152.293	8226.144	-0.78	8225.363	1156
1157	38647.706	32769.533	8285.901	-1.32	8284.581	1157
1158	38669.615	33741.946	7994.166	1.44	7995.607	1158
1159	38826.937	32954.982	8084.433	-0.77	8083.662	1159
1160	38884.057	33473.817	7944.142	0.83	7944.971	1160
1161	39089.455	33175.900	7916.981	-2.03	7919.429	1161

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POINT	EASTING	NORTHING	2006 ELEVATION	2008 DIFFERENCE	2008 ELEVATION	POINT
1162	19228.042	43553.774	7829.914	0.02	7829.930	1162
1163	19260.272	43272.464	7700.153	-0.08	7700.075	1163
1164	19488.620	43792.977	7594.755	-0.44	7594.320	1164
1165	19545.637	43484.063	7600.146	-0.27	7599.876	1165
1166	19557.833	42902.388	7269.319	0.66	7269.975	1166
1167	19783.485	42610.469	7193.919	-0.32	7193.603	1167
1168	19849.964	43993.079	7299.519	-0.12	7299.397	1168
1169	19852.950	44396.151	7487.614	0.40	7488.018	1169
1170	19889.292	43449.148	7278.845	-0.15	7278.700	1170
1171	19909.589	43056.459	7250.915	-0.15	7250.764	1171
1172	20015.066	42390.915	7106.107	0.01	7106.120	1172
1173	20077.561	42001.962	7126.686	-0.94	7125.745	1173
1174	20134.582	42784.604	7072.611	-0.45	7072.159	1174
1175	20167.795	43774.827	7147.462	0.29	7147.749	1175
1176	20239.687	44310.781	7176.082	-0.05	7176.036	1176
1177	20264.255	41640.852	6983.898	-0.22	6983.678	1177
1178	20303.727	43240.455	7134.734	0.85	7135.581	1178
1179	20374.244	42686.535	7173.507	1.00	7174.510	1179
1180	20435.299	44722.337	7208.999	0.29	7209.292	1180
1181	20478.778	43532.292	7273.980	0.03	7274.005	1181
1182	20503.659	42419.240	7203.744	-0.37	7203.376	1182
1183	20542.300	45072.568	7243.537	-0.21	7243.331	1183
1184	20616.253	43883.650	7438.117	0.06	7438.173	1184
1185	20682.928	42103.019	7244.208	0.92	7245.125	1185
1186	20702.065	44399.778	7449.265	0.06	7449.323	1186
1187	20721.952	43192.340	7482.636	0.41	7483.049	1187
1188	20779.028	44867.865	7437.428	-0.43	7436.999	1188
1189	20786.538	41460.444	7418.536	-0.03	7418.504	1189
1190	20839.794	43071.434	7547.306	-0.44	7546.864	1190
1191	20860.891	43342.278	7609.776	0.00	7609.775	1191
1192	20920.907	44061.388	7616.686	-0.06	7616.621	1192
1193	20995.759	41670.536	7551.299	-0.38	7550.921	1193
1194	21012.318	41305.340	7226.441	0.05	7226.495	1194
1195	21019.711	43725.759	7580.972	0.32	7581.292	1195
1196	21025.573	42636.475	7655.578	-0.60	7654.980	1196
1197	21152.355	41919.795	7619.107	-0.05	7619.060	1197
1198	21152.651	44954.185	7658.034	-0.41	7657.624	1198
1199	21190.169	41021.080	6975.952	0.91	6976.865	1199
1200	21236.607	43292.152	7811.650	-0.90	7810.753	1200
1201	21239.690	42163.326	7672.490	0.49	7672.980	1201
1202	21305.412	43695.437	7802.685	-0.14	7802.543	1202
1203	21379.149	41547.281	7254.396	-0.05	7254.342	1203
1204	21387.757	45865.803	7531.394	-0.49	7530.899	1204
1205	21397.801	42451.134	7837.730	-0.39	7837.339	1205
1206	21415.547	44572.819	7776.242	-0.30	7775.938	1206
1207	21424.340	45499.745	7618.510	-0.13	7618.382	1207
1208	21455.210	44947.014	7787.755	-0.31	7787.441	1208
1209	21536.171	40581.568	7267.436	3.92	7271.357	1209
1210	21561.985	42796.032	7949.426	-1.14	7948.291	1210

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POINT	EASTING	NORTHING	2006 ELEVATION	2008 DIFFERENCE	2008 ELEVATION	POINT
1211	21606.616	44117.839	8007.413	-0.95	8006.462	1211
1212	21681.774	43336.963	8032.637	-0.49	8032.144	1212
1213	21686.038	46124.626	7628.604	-0.40	7628.202	1213
1214	21702.718	41886.850	7295.757	0.02	7295.776	1214
1215	21712.395	39992.392	7572.978	0.24	7573.214	1215
1216	21729.217	45800.998	7714.625	-1.40	7713.221	1216
1217	21743.971	41344.763	7012.708	-0.67	7012.037	1217
1218	21753.500	45417.411	7785.525	0.00	7785.524	1218
1219	21779.942	39371.732	7985.267	-0.69	7984.572	1219
1220	21831.278	43753.602	8066.500	-1.31	8065.189	1220
1221	21841.715	44724.189	7919.882	-0.47	7919.409	1221
1222	21848.488	42332.230	7624.486	-0.50	7623.983	1222
1223	21957.034	40883.058	7254.076	2.67	7256.744	1223
1224	22001.875	42797.293	7804.927	-0.32	7804.609	1224
1225	22048.451	46494.620	7617.375	-0.28	7617.091	1225
1226	22056.426	43430.799	7996.614	-1.14	7995.475	1226
1227	22079.232	46108.115	7731.407	-0.38	7731.023	1227
1228	22079.402	41664.582	7076.726	0.65	7077.379	1228
1229	22096.512	45705.118	7921.042	-0.23	7920.817	1229
1230	22152.640	44290.387	8065.237	-2.81	8062.432	1230
1231	22156.608	42198.830	7451.340	-0.42	7450.919	1231
1232	22258.839	45487.198	8034.102	-0.33	8033.771	1232
1233	22275.592	44770.653	0.000	0.00	0.000	1233
1234	22317.431	43776.403	7973.713	-1.99	7971.725	1234
1235	22379.500	43103.195	7876.361	-0.46	7875.898	1235
1236	22396.024	45154.225	8119.027	-1.69	8117.342	1236
1237	22408.574	41730.018	7076.523	-0.09	7076.433	1237
1238	22416.744	46882.566	7706.436	-0.34	7706.100	1238
1239	22449.626	42156.969	7458.716	0.04	7458.757	1239
1240	22460.202	42654.447	7750.770	-0.75	7750.019	1240
1241	22517.787	44511.587	8007.494	-3.87	8003.628	1241
1242	22550.059	43382.632	7855.660	-1.19	7854.472	1242
1243	22561.180	44148.921	7976.443	-3.77	7972.671	1243
1244	22573.048	45768.354	8009.617	-0.18	8009.435	1244
1245	22604.938	40655.844	7697.902	0.80	7698.699	1245
1246	22684.430	45541.689	8093.191	-0.65	8092.537	1246
1247	22685.977	44856.615	8013.444	-3.24	8010.206	1247
1248	22688.183	40132.799	7921.544	-0.13	7921.417	1248
1249	22709.799	46109.109	7981.362	-1.23	7980.131	1249
1250	22711.062	43740.853	7902.074	-1.87	7900.200	1250
1251	22720.389	42019.836	7377.216	-0.07	7377.148	1251
1252	22728.881	46675.628	7829.225	-0.08	7829.148	1252
1253	22730.086	43035.174	7702.400	-0.20	7702.204	1253
1254	22798.709	45179.357	8007.372	-0.67	8006.700	1254
1255	22817.920	39660.891	8055.461	-1.18	8054.284	1255
1256	22852.196	38959.741	8145.715	-0.02	8145.695	1256
1257	22891.475	42444.930	7426.238	-0.25	7425.988	1257
1258	22942.538	44316.211	7809.776	-2.41	7807.366	1258
1259	22942.802	46532.547	7947.513	-0.56	7946.953	1259

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1260	22949.244	43505.084	7747.714	-2.22	7745.490	1260
1261	23039.923	45779.376	8246.003	-1.39	8244.615	1261
1262	23058.164	39172.793	8150.395	-1.38	8149.017	1262
1263	23073.061	42856.445	7397.061	0.02	7397.078	1263
1264	23073.390	41558.890	7386.976	0.45	7387.428	1264
1265	23097.842	44802.705	7805.212	-1.67	7803.546	1265
1266	23100.058	43984.649	7705.741	-4.25	7701.495	1266
1267	23116.076	40474.695	7585.267	-0.93	7584.332	1267
1268	23187.601	45375.724	7988.423	-0.94	7987.480	1268
1269	23219.489	44513.624	7749.548	-2.44	7747.105	1269
1270	23229.760	42512.467	7197.631	0.15	7197.783	1270
1271	23255.311	38706.549	7995.969	-0.14	7995.831	1271
1272	23307.486	45894.353	8316.460	-1.15	8315.314	1272
1273	23337.445	43322.396	7523.019	-2.54	7520.476	1273
1274	23364.781	42098.370	7351.870	1.77	7353.635	1274
1275	23385.072	39153.770	8124.759	-1.24	8123.522	1275
1276	23396.816	46505.882	8218.629	-0.46	8218.167	1276
1277	23428.781	43775.454	7523.427	-1.97	7521.460	1277
1278	23441.960	41162.933	7443.497	-0.36	7443.139	1278
1279	23445.291	38463.431	7940.588	-0.62	7939.967	1279
1280	23448.779	42849.166	7271.307	-1.05	7270.254	1280
1281	23454.357	44218.738	7622.734	-3.24	7619.493	1281
1282	23466.262	44952.780	7797.714	-0.51	7797.204	1282
1283	23473.251	41542.631	7612.612	0.81	7613.427	1283
1284	23535.251	45485.587	7997.185	-1.67	7995.515	1284
1285	23538.043	46049.193	8407.862	-0.60	8407.257	1285
1286	23570.347	43118.370	7347.224	-0.36	7346.860	1286
1287	23640.095	39681.288	7891.188	0.00	0.000	1287
1288	23647.589	38942.706	8064.413	-1.46	8062.955	1288
1289	23650.976	44526.872	7580.110	-0.55	7579.555	1289
1290	23721.353	38121.875	7726.834	-1.27	7725.568	1290
1291	23753.118	41518.247	7759.265	0.04	7759.302	1291
1292	23753.725	42882.845	7215.317	-0.52	7214.798	1292
1293	23758.378	43645.064	7387.159	-0.91	7386.247	1293
1294	23765.745	38322.970	7767.037	-1.14	7765.902	1294
1295	23779.427	39302.726	8096.641	-1.29	8095.352	1295
1296	23797.179	46269.747	8487.935	-0.25	8487.687	1296
1297	23823.823	45146.517	7768.089	0.32	7768.413	1297
1298	23849.157	41046.788	7506.772	0.30	7507.071	1298
1299	23861.072	43088.474	7377.175	-0.58	7376.597	1299
1300	23875.052	45709.986	8078.644	-1.20	8077.439	1300
1301	23876.561	44061.839	7637.159	-2.30	7634.854	1301
1302	24017.450	37859.976	7609.638	-0.07	7609.569	1302
1303	24033.269	39630.343	8025.593	-0.08	8025.511	1303
1304	24038.464	38614.163	7957.638	-2.14	7955.497	1304
1305	24044.793	40282.723	7845.247	0.98	7846.227	1305
1306	24080.484	39017.237	7963.335	-0.55	7962.787	1306
1307	24128.919	45013.675	7907.209	-0.63	7906.580	1307
1308	24137.643	43537.354	7644.983	-2.53	7642.455	1308

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1309	24142.386	41652.554	7915.888	-1.20	7914.688	1309
1310	24168.084	44594.086	7839.605	-2.50	7837.103	1310
1311	24175.879	37450.075	7636.109	-0.10	7636.012	1311
1312	24184.762	43101.313	7307.941	-0.31	7307.631	1312
1313	24190.157	45495.593	8115.522	-1.06	8114.462	1313
1314	24209.708	45980.276	8314.422	-1.34	8313.087	1314
1315	24246.228	43860.629	7801.096	-2.75	7798.347	1315
1316	24284.532	39947.412	8039.021	-0.48	8038.539	1316
1317	24306.958	39372.792	7924.311	-0.95	7923.359	1317
1318	24322.802	41061.065	7746.773	0.23	7747.008	1318
1319	24329.976	38296.854	7802.972	-0.40	7802.570	1319
1320	24352.699	44299.141	7889.931	-4.03	7885.902	1320
1321	24381.791	37132.131	7562.103	-0.19	7561.911	1321
1322	24395.492	45234.954	8096.900	-0.79	8096.108	1322
1323	24439.383	37836.075	7352.665	-0.26	7352.405	1323
1324	24444.169	38915.578	7826.651	-0.91	7825.736	1324
1325	24476.529	39671.993	7913.853	-0.68	7913.178	1325
1326	24524.119	43616.973	7609.205	-0.74	7608.465	1326
1327	24553.760	45703.602	8387.935	-0.33	8387.606	1327
1328	24566.169	44740.256	8001.137	-0.58	8000.556	1328
1329	24571.149	43256.081	7345.472	2.14	7347.609	1329
1330	24572.731	41493.423	8012.287	-0.58	8011.706	1330
1331	24585.714	39301.068	7832.348	-1.44	7830.912	1331
1332	24631.064	37477.995	7349.386	-0.08	7349.302	1332
1333	24646.518	45030.778	8123.917	-0.44	8123.481	1333
1334	24647.139	43948.555	7706.842	-0.42	7706.419	1334
1335	24656.077	36811.408	7382.169	-0.26	7381.909	1335
1336	24657.131	40451.417	8022.256	-0.15	8022.103	1336
1337	24680.600	38585.036	7565.177	-0.39	7564.790	1337
1338	24710.606	38161.593	7508.832	-0.23	7508.599	1338
1339	24732.816	41972.920	7944.860	-3.08	7941.779	1339
1340	24735.159	39888.745	7928.299	-0.11	7928.190	1340
1341	24741.415	41023.489	7945.715	-0.74	7944.971	1341
1342	24760.384	42727.205	7600.892	-2.93	7597.964	1342
1343	24765.118	44272.028	7817.600	-0.78	7816.819	1343
1344	24803.926	39089.147	7679.224	-0.12	7679.108	1344
1345	24817.235	37166.067	7270.914	-0.30	7270.609	1345
1346	24827.814	37767.801	7205.267	-0.17	7205.096	1346
1347	24838.713	36454.022	7144.251	0.99	7145.237	1347
1348	24900.623	44555.591	7875.342	-1.02	7874.323	1348
1349	24921.171	45466.151	8209.980	-0.87	8209.107	1349
1350	24926.193	39501.792	7774.199	-0.14	7774.056	1350
1351	24954.471	41944.312	7943.884	-3.87	7940.010	1351
1352	24959.683	43600.672	7448.406	-0.48	7447.926	1352
1353	24971.300	41367.441	8130.781	-2.82	8127.965	1353
1354	25002.062	37467.010	7079.260	-0.30	7078.959	1354
1355	25025.785	37993.635	7160.724	-0.44	7160.287	1355
1356	25026.977	36743.165	7166.584	-0.26	7166.324	1356
1357	25033.591	43141.208	7543.924	-0.44	7543.480	1357

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1358	25050.813	40820.346	8139.083	-0.76	8138.318	1358
1359	25060.661	37071.597	7122.901	-0.28	7122.620	1359
1360	25072.223	44945.414	7936.182	-0.57	7935.608	1360
1361	25081.412	38456.744	7299.762	0.05	7299.816	1361
1362	25091.604	36211.891	6960.423	-0.03	6960.389	1362
1363	25112.868	38870.757	7432.941	-0.23	7432.713	1363
1364	25128.510	40323.593	7917.027	0.42	7917.449	1364
1365	25184.386	44015.152	7600.851	-0.14	7600.706	1365
1366	25274.203	39831.069	7725.735	-0.04	7725.697	1366
1367	25287.534	39328.630	7528.296	0.00	0.000	1367
1368	25317.163	45152.157	7916.215	-1.52	7914.694	1368
1369	25336.468	41199.755	8289.113	-3.52	8285.594	1369
1370	25339.127	38080.975	7501.988	-0.19	7501.797	1370
1371	25351.685	44402.829	7640.134	0.23	7640.368	1371
1372	25398.782	45409.366	8099.100	-0.75	8098.353	1372
1373	25509.074	40728.407	8022.867	-0.20	8022.664	1373
1374	25525.101	43801.488	7507.790	-0.04	7507.754	1374
1375	25530.549	38845.641	7598.942	-0.17	7598.770	1375
1376	25561.136	44874.010	7804.764	-0.39	7804.373	1376
1377	25589.661	42589.331	7890.944	-2.79	7888.157	1377
1378	25596.045	44195.766	7496.083	0.52	7496.607	1378
1379	25638.045	38498.004	7698.355	-0.49	7697.869	1379
1380	25652.830	40191.933	7792.714	0.19	7792.907	1380
1381	25704.882	39749.604	7720.401	-0.10	7720.305	1381
1382	25758.573	44494.566	7582.066	-1.45	7580.619	1382
1383	25777.156	41324.978	8425.227	-5.99	8419.237	1383
1384	25832.680	38140.232	7812.192	-0.17	7812.018	1384
1385	25848.203	39409.497	7804.119	-0.43	7803.685	1385
1386	25881.074	40940.725	8192.796	-4.18	8188.618	1386
1387	25889.955	38866.544	7849.851	-0.89	7848.962	1387
1388	25902.485	43454.128	7628.970	-0.03	7628.937	1388
1389	25923.088	44031.322	7661.727	0.04	7661.766	1389
1390	25977.148	40672.872	8060.588	-3.28	8057.304	1390
1391	25984.302	44855.159	7662.221	-0.19	7662.030	1391
1392	26018.111	38401.134	7884.190	-1.43	7882.760	1392
1393	26035.555	40189.756	7896.484	0.00	7896.483	1393
1394	26119.219	41361.729	8524.271	-5.64	8518.629	1394
1395	26172.730	44236.191	7751.046	-0.76	7750.286	1395
1396	26181.255	39355.588	7889.271	-0.52	7888.754	1396
1397	26185.440	43973.679	7642.195	-0.06	7642.138	1397
1398	26215.047	39834.611	7959.549	-1.41	7958.136	1398
1399	26252.370	40864.033	8270.314	-5.17	8265.146	1399
1400	26277.232	38104.538	7675.079	-0.59	7674.487	1400
1401	26283.275	44549.623	7758.390	-0.02	7758.369	1401
1402	26293.284	38933.161	7932.843	-0.34	7932.501	1402
1403	26322.774	43006.130	7893.345	-0.87	7892.471	1403
1404	26424.061	40508.201	8168.086	-0.18	8167.911	1404
1405	26424.369	44790.434	7820.045	-0.94	7819.103	1405
1406	26428.759	42072.565	8180.670	-5.43	8175.245	1406

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1407	26456.634	43455.650	7811.595	0.00	0.000	1407
1408	26471.502	38605.071	7831.217	-0.20	7831.021	1408
1409	26504.876	39715.923	8038.923	-2.77	8036.148	1409
1410	26546.574	40163.992	8101.906	-5.09	8096.815	1410
1411	26570.002	41296.560	8692.695	-4.88	8687.818	1411
1412	26592.004	39218.056	7938.457	-0.30	7938.155	1412
1413	26617.440	38458.051	7756.105	-0.25	7755.857	1413
1414	26635.926	43917.145	7713.290	-0.19	7713.101	1414
1415	26642.702	44282.038	7904.482	-0.02	7904.464	1415
1416	26677.079	40949.734	8520.813	-5.89	8514.919	1416
1417	26690.653	38188.375	7500.636	-0.41	7500.224	1417
1418	26734.025	38827.464	7775.405	-1.14	7774.266	1418
1419	26760.038	42667.579	8163.620	-0.80	8162.821	1419
1420	26768.119	41490.715	8621.973	-5.42	8616.553	1420
1421	26814.980	39435.038	7954.397	-3.02	7951.376	1421
1422	26826.133	39756.979	7957.675	-3.45	7954.225	1422
1423	26865.214	43002.801	8113.895	-0.38	8113.514	1423
1424	26885.355	40577.769	8231.765	-4.22	8227.544	1424
1425	26929.269	38374.479	7467.005	-0.11	7466.894	1425
1426	26966.620	40204.088	8021.630	-0.49	8021.141	1426
1427	27045.926	39207.949	7923.336	-4.10	7919.236	1427
1428	27069.867	38745.002	7702.670	-0.21	7702.461	1428
1429	27070.110	43645.409	7942.589	0.53	7943.116	1429
1430	27074.822	41386.251	8450.456	-4.52	8445.940	1430
1431	27076.485	41882.584	8570.660	-3.41	8567.246	1431
1432	27122.884	39819.815	7857.279	-3.22	7854.063	1432
1433	27150.619	41010.346	8244.223	-2.59	8241.635	1433
1434	27169.383	44086.965	7983.939	-0.79	7983.149	1434
1435	27210.684	43064.817	8211.423	-0.68	8210.748	1435
1436	27218.849	40327.690	7983.491	-4.18	7979.308	1436
1437	27229.677	38572.079	7461.965	0.00	7461.962	1437
1438	27265.282	39546.841	7815.400	-3.85	7811.550	1438
1439	27318.888	38989.881	7814.457	-1.50	7812.953	1439
1440	27339.258	40720.166	8003.436	-4.10	7999.332	1440
1441	27339.966	42233.165	8632.024	-2.27	8629.754	1441
1442	27405.436	40081.918	7863.057	-4.44	7858.612	1442
1443	27470.038	43751.692	8174.667	0.23	8174.900	1443
1444	27515.594	41564.566	8251.271	-0.32	8250.953	1444
1445	27536.096	39342.929	7739.181	-4.32	7734.856	1445
1446	27564.579	41800.992	8367.120	-5.23	8361.887	1446
1447	27564.664	42569.373	8602.644	-2.05	8600.592	1447
1448	27565.390	39003.455	7706.276	-0.20	7706.074	1448
1449	27581.297	39841.438	7755.367	-3.04	7752.329	1449
1450	27582.639	41253.238	8078.426	-3.85	8074.580	1450
1451	27602.591	40412.612	7809.704	-3.00	7806.703	1451
1452	27609.481	43356.095	8364.584	-0.52	8364.063	1452
1453	27680.150	40840.252	7875.380	-2.53	7872.854	1453
1454	27765.681	40143.799	7705.825	-3.49	7702.333	1454
1455	27838.849	42917.445	8613.380	-1.01	8612.369	1455

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POINT	EASTING	NORTHING	2006 ELEVATION	2008 DIFFERENCE	2008 ELEVATION	POINT
1456	27869.775	42247.971	8370.538	-4.72	8365.819	1456
1457	27899.821	39707.780	7687.590	-2.99	7684.605	1457
1458	27928.162	41614.119	8065.313	-2.64	8062.670	1458
1459	27929.912	41141.351	7895.623	-3.47	7892.155	1459
1460	27934.101	39281.960	7608.830	-2.92	7605.913	1460
1461	27994.321	40653.192	7734.907	-2.99	7731.922	1461
1462	28038.169	42581.027	8374.507	-1.39	8373.122	1462
1463	28039.077	43152.054	8629.789	-0.81	8628.977	1463
1464	28046.019	43631.737	8610.639	-1.85	8608.788	1464
1465	28100.703	39990.166	7582.112	-5.11	7577.003	1465
1466	28152.285	41878.282	8023.228	-2.52	8020.704	1466
1467	28243.881	43536.092	8756.465	-2.39	8754.079	1467
1468	28292.167	41432.506	7850.875	-5.22	7845.659	1468
1469	28298.506	42811.502	8351.843	-2.83	8349.009	1469
1470	28314.111	42314.764	8089.328	0.00	0.000	1470
1471	28314.511	39665.636	7502.000	-3.05	7498.949	1471
1472	28328.281	40960.132	7686.389	-2.57	7683.814	1472
1473	28346.648	40435.371	7552.801	-4.41	7548.392	1473
1474	28487.342	40020.921	7536.709	-3.11	7533.597	1474
1475	28492.857	43294.976	8509.677	-0.88	8508.793	1475
1476	28617.995	41638.020	7748.071	-2.11	7745.960	1476
1477	28618.991	42015.465	7816.163	-1.08	7815.087	1477
1478	28669.450	42719.170	8113.395	-1.62	8111.777	1478
1479	28722.210	41178.208	7639.838	-0.32	7639.521	1479
1480	28761.711	40860.329	7673.645	-2.95	7670.694	1480
1481	28814.574	43172.115	8398.792	-0.03	8398.758	1481
1482	28861.216	42441.413	7905.272	-0.31	7904.957	1482
1483	28873.595	40297.772	7753.880	-3.38	7750.501	1483
1484	28987.780	41146.642	7799.796	-4.09	7795.709	1484
1485	29035.834	41747.274	7820.295	-0.27	7820.022	1485
1486	29064.830	42963.695	8245.376	-1.12	8244.255	1486
1487	29190.379	40748.062	7861.254	0.00	0.000	1487
1488	29218.389	42099.719	7946.389	-0.63	7945.759	1488
1489	29292.227	41515.605	7977.416	-0.28	7977.133	1489
1490	29318.045	40436.311	7932.392	-2.16	7930.233	1490
1491	29373.562	42693.790	8091.275	-0.40	8090.875	1491
1492	29426.755	40955.564	8049.084	-0.46	8048.628	1492
1493	29568.923	41368.184	8167.710	-0.61	8167.103	1493
1494	29570.095	40749.971	8103.987	-0.96	8103.031	1494
1495	29688.979	41847.117	8321.295	-2.30	8318.999	1495
1496	29726.947	42341.387	8319.508	-0.55	8318.959	1496
1497	29787.425	41153.407	8332.181	-2.11	8330.072	1497
1498	29915.817	42614.116	8394.115	-0.33	8393.783	1498
1499	29955.914	41458.201	8507.616	-1.01	8506.602	1499
1500	30038.024	41702.968	8576.185	-1.42	8574.766	1500
1501	30058.702	42265.905	8577.139	-0.89	8576.250	1501
1502	30127.620	41112.057	8103.789	-0.92	8102.871	1502
1503	30180.879	42011.957	8654.885	-0.04	8654.846	1503
1504	30356.272	41588.751	8374.689	-1.13	8373.562	1504

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POINT	EASTING	NORTHING	2006 ELEVATION	2008 DIFFERENCE	2008 ELEVATION	POINT
1505	30414.474	42326.650	8748.284	-1.60	8746.682	1505
1506	30539.567	42029.510	8546.588	-0.23	8546.361	1506
1507	30767.273	41797.969	8378.383	-0.41	8377.976	1507
1508	30846.811	42272.007	8641.179	-0.34	8640.844	1508
1509	31316.526	29282.085	7236.136	-1.37	7234.766	1509
1510	31608.525	28998.042	7421.950	0.02	7421.972	1510
1511	31803.490	28592.982	7712.273	0.03	7712.300	1511
1512	32044.469	28304.229	7417.488	0.02	7417.510	1512
1513	32072.207	41195.556	8473.930	-0.20	8473.730	1513
1514	32181.370	28516.752	7561.935	-0.27	7561.661	1514
1515	32258.430	28781.444	7751.765	-0.55	7751.218	1515
1516	32315.141	41023.780	8516.243	-1.01	8515.229	1516
1517	32335.927	28169.028	7396.202	-0.23	7395.970	1517
1518	32337.322	27901.537	7262.508	0.10	7262.610	1518
1519	32452.824	28432.026	7673.004	-0.18	7672.820	1519
1520	32626.388	28211.322	7513.116	-1.25	7511.870	1520
1521	32632.815	28755.769	7935.972	-0.94	7935.029	1521
1522	32642.554	40712.099	8738.317	-1.11	8737.205	1522
1523	32834.579	28533.926	7783.582	-0.43	7783.155	1523
1524	32835.033	40424.455	8810.590	-3.00	8807.586	1524
1525	32971.426	40888.332	8707.219	-2.10	8705.117	1525
1526	33066.902	28467.462	7694.468	-0.19	7694.280	1526
1527	33179.155	40787.084	8620.907	-1.02	8619.889	1527
1528	33185.906	40272.996	8795.649	-3.56	8792.090	1528
1529	33257.733	39898.990	8848.276	-3.33	8844.948	1529
1530	33576.820	40424.591	8720.709	-3.75	8716.963	1530
1531	33598.946	40062.552	8753.728	-3.91	8749.821	1531
1532	33608.070	39700.803	8765.022	-4.05	8760.976	1532
1533	33884.741	40650.887	8674.985	-3.86	8671.123	1533
1534	33917.180	39578.837	8732.278	-4.20	8728.078	1534
1535	33961.485	41419.152	8442.558	0.00	0.000	1535
1536	34027.559	39940.487	8690.867	-4.41	8686.457	1536
1537	34053.728	40254.120	8673.377	-4.52	8668.852	1537
1538	34070.364	40860.135	8646.005	-3.32	8642.687	1538
1539	34156.223	41149.336	8571.849	-2.47	8569.384	1539
1540	34162.129	39073.118	8717.611	-3.25	8714.361	1540
1541	34166.996	39396.517	8712.474	-4.30	8708.175	1541
1542	34182.997	41592.390	8430.754	-1.04	8429.716	1542
1543	34184.584	41990.033	8324.207	-0.37	8323.840	1543
1544	34359.266	39802.643	8641.887	-3.86	8638.028	1544
1545	34359.928	41338.120	8438.911	0.00	0.000	1545
1546	34368.502	40591.681	8591.222	-3.22	8588.004	1546
1547	34448.508	38807.386	8667.860	-3.03	8664.834	1547
1548	34463.252	40240.236	8557.771	-2.50	8555.267	1548
1549	34482.183	40966.856	8440.440	0.00	0.000	1549
1550	34497.961	39104.723	8677.764	-2.94	8674.826	1550
1551	34508.081	41555.351	8394.598	-1.80	8392.802	1551
1552	34542.543	39509.494	8652.319	-4.06	8648.259	1552
1553	34599.078	38558.541	8659.600	-2.66	8656.943	1553

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POINT	EASTING	NORTHING	2006 ELEVATION	2008 DIFFERENCE	2008 ELEVATION	POINT
1554	34608.540	41259.834	8349.030	-0.36	8348.666	1554
1555	34673.105	40600.780	8561.261	-2.67	8558.594	1555
1556	34703.317	41693.585	8232.875	-0.47	8232.404	1556
1557	34711.067	42719.930	7752.022	0.00	0.000	1557
1558	34737.176	38862.799	8598.613	-2.46	8596.155	1558
1559	34742.868	40216.735	8448.401	-3.43	8444.969	1559
1560	34772.949	39940.520	8482.596	-1.79	8480.804	1560
1561	34785.448	41063.737	8347.658	-1.91	8345.745	1561
1562	34817.860	39151.256	8527.357	-2.46	8524.898	1562
1563	34852.530	38317.731	8715.343	-3.01	8712.338	1563
1564	34862.986	41456.455	8152.249	-0.33	8151.922	1564
1565	34886.322	41705.174	8116.564	-1.27	8115.291	1565
1566	34939.555	39592.807	8482.066	-3.28	8478.782	1566
1567	34958.943	40426.691	8432.715	-1.82	8430.893	1567
1568	34971.853	42421.006	7777.629	0.00	0.000	1568
1569	34989.451	41923.363	7993.194	-0.41	7992.782	1569
1570	35014.187	41586.549	8054.683	-0.28	8054.402	1570
1571	35020.145	38757.629	8547.607	-1.97	8545.637	1571
1572	35043.906	40783.272	8403.970	-1.68	8402.294	1572
1573	35068.284	42769.408	7690.589	-0.89	7689.702	1573
1574	35083.533	39090.751	8465.312	-2.55	8462.762	1574
1575	35085.678	40067.532	8404.755	-1.79	8402.965	1575
1576	35100.262	42178.199	7834.961	0.00	0.000	1576
1577	35121.932	38011.442	8728.378	-2.76	8725.622	1577
1578	35146.546	43167.355	7803.611	0.02	7803.634	1578
1579	35163.871	41898.747	7906.058	-1.30	7904.755	1579
1580	35179.237	38334.334	8696.005	-2.66	8693.344	1580
1581	35200.155	41031.340	8260.443	-1.22	8259.218	1581
1582	35214.968	39376.121	8318.949	-2.47	8316.482	1582
1583	35236.746	42463.526	7698.876	-0.65	7698.226	1583
1584	35266.008	40610.596	8392.049	-2.25	8389.800	1584
1585	35327.965	39710.730	8235.766	-1.33	8234.440	1585
1586	35338.560	42882.324	7705.120	-0.52	7704.597	1586
1587	35346.331	38559.751	8609.221	-3.07	8606.147	1587
1588	35362.042	43421.624	8075.995	0.49	8076.481	1588
1589	35388.757	37729.154	8713.503	-3.62	8709.880	1589
1590	35393.549	42120.255	7776.711	-0.21	7776.501	1590
1591	35400.292	40226.584	8259.566	-0.46	8259.104	1591
1592	35434.167	41869.466	7763.786	0.00	0.000	1592
1593	35486.756	39604.231	8133.480	-0.59	8132.889	1593
1594	35487.354	38011.160	8654.145	-2.52	8651.629	1594
1595	35489.082	42569.026	7684.424	0.00	7684.424	1595
1596	35532.188	41451.211	7893.980	0.00	7893.980	1596
1597	35538.444	38348.048	8487.739	-2.97	8484.770	1597
1598	35539.863	43111.290	7778.321	-0.34	7777.978	1598
1599	35557.056	39937.022	8063.841	-0.19	8063.655	1599
1600	35574.819	42328.132	7669.226	-0.20	7669.025	1600
1601	35586.379	41003.006	8047.702	0.00	8047.702	1601
1602	35611.485	40607.537	8187.661	-0.01	8187.650	1602

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1603	35623.060	37506.118	8641.672	-3.52	8638.147	1603
1604	35630.742	39729.074	8032.486	-0.83	8031.655	1604
1605	35659.252	38889.357	8475.893	-2.66	8473.231	1605
1606	35682.629	42800.401	7706.848	-0.10	7706.749	1606
1607	35686.080	39828.638	7986.334	-0.40	7985.935	1607
1608	35691.143	43700.114	8068.651	-0.02	8068.632	1608
1609	35724.377	42133.591	7673.781	-0.87	7672.907	1609
1610	35746.286	41582.607	7761.904	0.00	0.000	1610
1611	35753.336	40912.609	7974.449	-0.13	7974.316	1611
1612	35769.155	41221.324	7813.197	0.00	7813.197	1612
1613	35770.559	38166.390	8466.797	-3.16	8463.635	1613
1614	35776.284	41823.554	7716.508	-1.15	7715.358	1614
1615	35800.171	40182.959	8075.780	-0.15	8075.630	1615
1616	35869.142	43361.005	7785.900	-0.33	7785.574	1616
1617	35872.196	42488.783	7683.049	-0.56	7682.486	1617
1618	35873.964	39021.054	8415.218	-1.35	8413.870	1618
1619	35880.924	38595.308	8284.107	-1.41	8282.698	1619
1620	35895.323	43011.385	7816.846	-0.30	7816.547	1620
1621	35936.840	37907.917	8534.062	-4.09	8529.974	1621
1622	35959.812	37557.129	8512.102	-3.70	8508.403	1622
1623	35990.758	41839.845	7661.097	-0.30	7660.797	1623
1624	35997.070	40489.595	7989.231	0.27	7989.503	1624
1625	36019.172	41157.200	7744.571	-0.12	7744.448	1625
1626	36033.807	41414.961	7707.199	-0.36	7706.834	1626
1627	36035.967	37164.549	8446.065	-2.78	8443.289	1627
1628	36042.518	42737.036	7844.296	-0.07	7844.228	1628
1629	36077.851	41599.315	7677.866	-0.57	7677.296	1629
1630	36080.052	40773.258	7838.562	0.00	0.000	1630
1631	36089.926	43730.654	7879.051	-0.10	7878.956	1631
1632	36143.688	40013.599	7789.212	0.00	7789.216	1632
1633	36153.642	42933.431	7994.626	-0.30	7994.323	1633
1634	36174.538	42279.408	7695.380	0.00	7695.380	1634
1635	36188.767	43223.205	7975.579	-0.08	7975.503	1635
1636	36237.721	39185.847	8176.395	-0.44	8175.952	1636
1637	36238.163	38030.726	8447.317	-4.22	8443.094	1637
1638	36238.197	41777.747	7626.569	-0.21	7626.364	1638
1639	36263.164	42482.930	7811.387	-0.07	7811.314	1639
1640	36275.402	41942.252	7650.886	-1.31	7649.572	1640
1641	36277.292	38763.648	8018.900	-0.69	8018.212	1641
1642	36277.502	43480.854	8007.938	-0.03	8007.911	1642
1643	36282.072	41529.424	7661.804	0.00	0.000	1643
1644	36313.497	39477.996	7997.071	-0.71	7996.363	1644
1645	36337.875	41330.539	7681.321	0.00	0.000	1645
1646	36346.239	40443.801	7784.385	-0.24	7784.140	1646
1647	36358.523	42698.151	7977.268	-0.08	7977.191	1647
1648	36373.312	41041.978	7704.698	0.00	0.000	1648
1649	36374.912	37613.308	8237.187	-1.76	8235.431	1649
1650	36383.640	37182.482	8168.413	-1.20	8167.209	1650
1651	36413.088	40756.473	7734.174	0.64	7734.812	1651

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1652	36421.748	39987.130	7759.461	1.56	7761.023	1652
1653	36448.467	41531.555	7634.942	-0.29	7634.653	1653
1654	36471.852	42176.153	7771.645	-0.29	7771.353	1654
1655	36496.053	42471.668	7961.599	-0.53	7961.072	1655
1656	36502.174	41432.884	7632.036	-0.53	7631.507	1656
1657	36507.831	42947.601	8246.038	-1.02	8245.016	1657
1658	36536.064	38300.574	8180.999	-0.53	8180.472	1658
1659	36536.291	43824.900	8132.506	-0.33	8132.181	1659
1660	36538.346	41761.545	7645.213	0.00	7645.213	1660
1661	36567.890	43308.494	8226.678	-0.19	8226.492	1661
1662	36584.646	41101.582	7676.848	0.00	0.000	1662
1663	36592.104	39112.406	7926.884	-0.07	7926.812	1663
1664	36598.874	41289.265	7638.197	0.00	0.000	1664
1665	36635.117	42041.538	7791.760	-0.11	7791.650	1665
1666	36641.979	40487.049	7722.693	-0.45	7722.242	1666
1667	36661.666	39840.887	7755.860	0.48	7756.344	1667
1668	36685.479	42314.086	7937.054	-0.12	7936.935	1668
1669	36703.134	38958.362	7784.030	0.27	7784.299	1669
1670	36710.314	39434.764	7792.578	-0.43	7792.150	1670
1671	36716.337	42958.962	8318.533	-0.85	8317.680	1671
1672	36717.227	40837.582	7681.563	-0.45	7681.116	1672
1673	36728.718	42711.561	8235.828	-0.22	8235.607	1673
1674	36742.688	41186.874	7616.826	-0.11	7616.713	1674
1675	36759.703	38025.138	8035.120	-0.41	8034.708	1675
1676	36784.253	37536.064	7901.556	-0.90	7900.660	1676
1677	36796.279	38380.537	7962.335	-0.43	7961.905	1677
1678	36797.384	39085.993	7769.546	-0.67	7768.874	1678
1679	36817.135	41469.728	7628.373	0.00	7628.373	1679
1680	36818.627	41973.368	7814.374	-0.07	7814.301	1680
1681	36842.610	36073.514	8593.745	-2.34	8591.407	1681
1682	36845.426	40098.888	7665.866	-0.41	7665.459	1682
1683	36853.544	40496.857	7709.305	-0.34	7708.961	1683
1684	36914.840	36345.367	8524.759	-2.79	8521.972	1684
1685	36943.109	35780.588	8627.271	-0.86	8626.409	1685
1686	36953.248	42249.860	8035.457	-0.15	8035.311	1686
1687	36972.968	41079.910	7595.295	0.04	7595.331	1687
1688	36980.037	39163.717	7696.007	-0.49	7695.516	1688
1689	36985.766	41731.644	7778.449	-0.20	7778.252	1689
1690	37005.180	39501.573	7675.691	-0.28	7675.412	1690
1691	37011.388	39856.921	7663.791	0.48	7664.269	1691
1692	37029.068	36534.224	8448.464	-1.93	8446.533	1692
1693	37035.123	42458.799	8195.418	-0.62	8194.802	1693
1694	37056.675	36007.343	8550.590	-1.61	8548.984	1694
1695	37065.596	37697.980	7758.325	-0.75	7757.571	1695
1696	37070.991	42040.043	7941.515	0.10	7941.619	1696
1697	37092.100	40177.201	7620.614	-0.03	7620.582	1697
1698	37097.230	38054.166	7797.923	0.16	7798.088	1698
1699	37106.518	41285.377	7636.232	-0.18	7636.056	1699
1700	37121.523	36380.959	8469.268	-1.00	8468.273	1700

NOTE: All zero (0) elevations in study year difference are in obscure areas and were not read.

POINT	EASTING	NORTHING	2006 ELEVATION	2008 DIFFERENCE	2008 ELEVATION	POINT
1701	37126.867	41552.589	7723.478	-0.45	7723.031	1701
1702	37128.947	40802.382	7585.552	-0.47	7585.086	1702
1703	37136.014	38831.367	7650.325	-0.37	7649.955	1703
1704	37142.105	38408.763	7751.906	-0.32	7751.585	1704
1705	37142.925	35731.630	8560.644	0.00	0.000	1705
1706	37209.705	36142.528	8490.536	-3.00	8487.538	1706
1707	37250.030	35969.041	8500.513	0.00	0.000	1707
1708	37261.316	37021.738	8029.018	-4.53	8024.485	1708
1709	37294.719	36658.031	8201.792	-0.80	8200.994	1709
1710	37310.189	41030.887	7627.411	-0.54	7626.873	1710
1711	37320.904	36485.920	8298.775	-2.91	8295.860	1711
1712	37352.692	37966.129	7634.777	-0.06	7634.720	1712
1713	37356.962	41784.948	7950.175	-0.10	7950.078	1713
1714	37363.708	36567.886	8198.583	0.00	8198.583	1714
1715	37384.980	42166.787	8127.836	-0.19	8127.644	1715
1716	37389.445	35726.475	8542.392	-0.55	8541.845	1716
1717	37406.057	41372.110	7788.111	-0.34	7787.774	1717
1718	37449.885	38853.241	7592.273	-0.05	7592.220	1718
1719	37453.247	36177.266	8308.249	-1.40	8306.851	1719
1720	37457.750	38399.673	7609.332	-0.02	7609.310	1720
1721	37490.312	36470.418	8194.561	0.31	8194.870	1721
1722	37495.051	36375.919	8228.088	-1.22	8226.870	1722
1723	37510.370	35449.775	8535.122	-1.79	8533.328	1723
1724	37511.329	40811.680	7612.215	0.29	7612.505	1724
1725	37568.755	41074.813	7752.267	-0.24	7752.023	1725
1726	37624.598	38197.392	7562.040	0.20	7562.242	1726
1727	37628.826	35174.738	8361.110	-0.11	8360.996	1727
1728	37634.772	35995.819	8324.761	-1.32	8323.439	1728
1729	37642.036	37663.044	7678.751	-1.57	7677.184	1729
1730	37654.859	37003.470	7872.291	-0.83	7871.458	1730
1731	37677.899	40674.053	7619.111	-0.44	7618.669	1731
1732	37731.269	35835.942	8349.857	-0.22	8349.640	1732
1733	37738.015	41237.457	7982.532	0.07	7982.599	1733
1734	37746.058	41883.737	8211.153	-0.53	8210.623	1734
1735	37752.419	40945.230	7733.703	-0.21	7733.489	1735
1736	37765.665	36137.808	8159.024	-0.62	8158.408	1736
1737	37771.034	41582.559	8137.258	-0.39	8136.868	1737
1738	37773.567	36554.669	7992.901	-1.35	7991.551	1738
1739	37790.745	38608.896	7509.071	-0.28	7508.787	1739
1740	37792.713	35546.334	8358.480	-0.81	8357.670	1740
1741	37856.226	38226.704	7527.013	-0.30	7526.713	1741
1742	37901.808	37311.920	7684.745	2.05	7686.797	1742
1743	37920.464	40730.689	7600.948	-1.15	7599.794	1743
1744	37942.292	35912.596	8155.737	-0.53	8155.204	1744
1745	37948.588	35128.185	8183.038	-0.29	8182.743	1745
1746	37972.418	40975.828	7650.225	-0.23	7649.999	1746
1747	37975.304	37954.209	7545.226	-0.14	7545.086	1747
1748	37976.099	38991.817	7593.917	0.00	0.000	1748
1749	37982.399	41274.530	7763.573	-0.58	7762.991	1749

NOTE: All zero (0) elevations in study year difference are in obscure areas and were not read.

POINT	EASTING	NORTHING	2006 ELEVATION	2008 DIFFERENCE	2008 ELEVATION	POINT
1750	38024.968	36932.694	7772.602	0.22	7772.821	1750
1751	38054.699	39725.019	7705.356	-0.35	7705.007	1751
1752	38059.914	34844.628	7970.009	-1.85	7968.154	1752
1753	38073.332	40073.221	7686.310	-0.09	7686.218	1753
1754	38083.116	36383.007	7874.341	-0.29	7874.054	1754
1755	38096.013	35427.060	8095.181	-0.41	8094.772	1755
1756	38099.520	39396.958	7709.405	-0.23	7709.173	1756
1757	38148.588	38391.895	7504.044	1.26	7505.299	1757
1758	38197.438	40957.108	7586.434	0.00	7586.434	1758
1759	38201.155	37703.283	7481.925	-0.56	7481.369	1759
1760	38202.093	38700.281	7600.021	-0.03	7599.993	1760
1761	38203.595	35988.008	7958.176	-0.25	7957.928	1761
1762	38215.196	40298.614	7666.905	-0.24	7666.663	1762
1763	38233.923	35647.228	7999.977	-0.35	7999.622	1763
1764	38274.454	34619.374	7922.242	-1.19	7921.056	1764
1765	38278.563	35256.652	7952.453	0.00	7952.453	1765
1766	38280.665	36588.375	7735.634	0.56	7736.197	1766
1767	38289.945	39806.147	7904.186	-0.06	7904.125	1767
1768	38302.036	37300.953	7547.779	-0.34	7547.439	1768
1769	38313.461	36316.851	7807.095	-0.20	7806.890	1769
1770	38320.850	39680.620	7912.646	0.02	7912.669	1770
1771	38337.526	36884.868	7694.258	-0.48	7693.773	1771
1772	38341.917	39394.525	7846.074	-1.42	7844.653	1772
1773	38354.172	39016.425	7765.680	-0.04	7765.642	1773
1774	38391.655	40597.129	7641.845	-0.99	7640.859	1774
1775	38418.438	38420.227	7566.959	-0.49	7566.465	1775
1776	38432.961	34910.957	7788.108	-1.23	7786.879	1776
1777	38436.639	38121.144	7516.340	-0.09	7516.249	1777
1778	38512.962	34302.208	7926.437	-0.22	7926.221	1778
1779	38534.392	36742.231	7629.912	-0.59	7629.326	1779
1780	38534.876	35571.650	7842.052	-0.36	7841.689	1780
1781	38557.366	37492.760	7464.717	-0.99	7463.726	1781
1782	38560.783	36219.437	7744.876	-0.77	7744.105	1782
1783	38572.611	38729.936	7765.603	-0.23	7765.374	1783
1784	38591.238	39633.697	8151.097	-0.24	8150.854	1784
1785	38628.367	34668.645	7809.083	0.00	0.000	1785
1786	38632.653	35282.100	7758.913	0.07	7758.978	1786
1787	38661.470	37796.443	7486.333	-0.06	7486.277	1787
1788	38663.462	36987.360	7559.882	-0.52	7559.363	1788
1789	38691.593	39390.810	8129.713	-0.09	8129.627	1789
1790	38696.254	38520.151	7723.453	-0.33	7723.120	1790
1791	38735.666	39108.643	8146.225	0.00	8146.225	1791
1792	38736.368	35931.613	7701.450	0.19	7701.641	1792
1793	38768.974	34119.651	7871.544	-1.61	7869.931	1793
1794	38773.349	39558.378	8297.383	0.00	8297.382	1794
1795	38780.645	34569.438	7821.120	-1.58	7819.539	1795
1796	38809.895	38136.424	7631.072	-0.50	7630.573	1796
1797	38813.310	37322.057	7450.796	-0.37	7450.423	1797
1798	38822.828	38937.593	8146.611	-0.30	8146.315	1798

NOTE: All zero (0) elevations in study year difference are in obscure areas and were not read.

POINT	EASTING	NORTHING	2006 ELEVATION	2008 DIFFERENCE	2008 ELEVATION	POINT
1799	38837.657	35063.906	7663.302	0.30	7663.603	1799
1800	38845.173	36559.230	7566.108	-0.22	7565.893	1800
1801	38877.715	38665.067	7848.471	-0.08	7848.390	1801
1802	38890.988	35533.009	7634.823	-0.46	7634.360	1802
1803	38956.064	36151.708	7595.574	-0.07	7595.500	1803
1804	38989.013	37553.335	7496.426	-0.33	7496.092	1804
1805	38991.421	36975.114	7483.781	-0.71	7483.073	1805
1806	38995.977	35271.458	7583.706	-0.39	7583.317	1806
1807	39001.791	34784.796	7690.631	-1.77	7688.860	1807
1808	39016.677	39322.725	8359.215	-0.98	8358.237	1808
1809	39017.794	34375.349	7734.153	-0.15	7734.006	1809
1810	39030.616	37886.626	7632.696	-0.48	7632.219	1810
1811	39047.205	38270.641	7749.903	-0.95	7748.955	1811
1812	39050.911	35824.485	7577.322	-0.35	7576.972	1812
1813	39051.986	33990.264	7785.361	-0.52	7784.846	1813
1814	39138.146	38989.490	8170.200	0.53	8170.733	1814
1815	39145.853	37156.152	7466.534	-1.88	7464.659	1815
1816	39161.499	38683.397	7932.809	0.09	7932.899	1816
1817	39167.581	36321.162	7492.481	-0.44	7492.036	1817
1818	39176.539	35642.839	7500.817	-0.43	7500.387	1818
1819	39196.290	39492.965	8457.358	-1.44	8455.913	1819
1820	39219.901	36726.391	7449.326	-0.24	7449.085	1820
1821	39244.049	34687.690	7673.967	-0.64	7673.323	1821
1822	39254.675	37534.919	7543.177	-0.14	7543.041	1822
1823	39282.730	34299.129	7734.506	-1.48	7733.030	1823
1824	39301.077	35092.458	7626.797	-1.95	7624.843	1824
1825	39308.597	36007.241	7474.848	-0.61	7474.235	1825
1826	39314.820	37945.439	7741.821	-0.10	7741.721	1826
1827	39347.431	39098.230	8289.804	-1.23	8288.579	1827
1828	39348.584	35528.731	7543.791	-0.74	7543.051	1828
1829	39364.072	38295.643	8000.480	-0.14	8000.338	1829
1830	39401.480	35766.055	7460.078	-1.54	7458.535	1830
1831	39409.587	36086.528	7427.053	-0.65	7426.404	1831
1832	39419.107	36461.750	7438.615	-0.56	7438.053	1832
1833	39429.220	36896.833	7445.382	-1.37	7444.015	1833
1834	39526.430	35011.662	7591.548	-1.24	7590.312	1834
1835	39536.904	37232.300	7539.658	-0.44	7539.214	1835
1836	39547.642	38704.699	8141.275	-0.82	8140.459	1836
1837	39558.753	34419.870	7659.459	-1.27	7658.193	1837
1838	39561.540	35375.185	7510.345	-0.28	7510.066	1838
1839	39571.410	37885.926	7802.416	-0.68	7801.734	1839
1840	39599.659	36273.710	7432.828	-0.45	7432.383	1840
1841	39604.966	34698.373	7621.151	-0.42	7620.735	1841
1842	39615.844	37501.715	7675.271	-0.68	7674.588	1842
1843	39616.053	35775.118	7431.494	-0.66	7430.838	1843
1844	39628.460	36023.647	7421.261	-0.10	7421.158	1844
1845	39654.873	38295.512	8205.659	-0.17	8205.486	1845
1846	39672.441	36600.762	7440.239	-0.24	7440.000	1846
1847	39756.259	39130.067	8347.846	-0.02	8347.827	1847

NOTE: All zero (0) elevations in study year difference are in obscure areas and were not read.

POINT	EASTING	NORTHING	2006 ELEVATION	2008 DIFFERENCE	2008 ELEVATION	POINT
1848	39757.684	35533.533	7453.844	-0.19	7453.655	1848
1849	39791.461	35208.272	7470.743	-0.62	7470.127	1849
1850	39808.874	36944.713	7524.654	-1.10	7523.559	1850
1851	39819.770	35339.472	7431.141	-0.87	7430.268	1851
1852	39850.417	34978.891	7485.996	-0.74	7485.257	1852
1853	39868.188	36031.214	7431.220	-0.30	7430.919	1853
1854	39883.857	37616.195	7872.253	-0.25	7872.005	1854
1855	39905.938	34660.661	7519.363	-1.00	7518.364	1855
1856	39915.455	36301.511	7451.296	-1.10	7450.197	1856
1857	39926.676	37283.338	7719.470	-0.18	7719.292	1857
1858	39955.464	38019.223	8164.167	0.06	8164.227	1858
1859	40004.814	38705.673	8385.317	-0.13	8385.182	1859
1860	40034.001	37050.443	7664.947	-1.50	7663.451	1860
1861	40037.908	36671.659	7488.460	-0.38	7488.080	1861
1862	40041.266	35228.102	7448.080	-0.93	7447.147	1862
1863	40051.695	35602.210	7408.165	0.06	7408.224	1863
1864	40103.153	35983.888	7434.985	-1.06	7433.929	1864
1865	40132.993	37421.877	7975.925	-0.24	7975.689	1865
1866	40193.311	34895.448	7420.791	-0.57	7420.222	1866
1867	40228.320	38360.185	8431.914	-0.19	8431.723	1867
1868	40230.907	36424.404	7478.899	-0.39	7478.505	1868
1869	40237.352	37798.457	8279.363	-0.73	8278.628	1869
1870	40282.437	37146.430	7689.695	-0.64	7689.056	1870
1871	40293.457	35264.188	7414.439	-0.32	7414.121	1871
1872	40294.576	38149.168	8425.533	-0.16	8425.370	1872
1873	40295.049	36289.900	7501.641	0.01	7501.647	1873
1874	40334.396	36915.441	7546.889	-0.52	7546.371	1874
1875	40374.828	35662.543	7431.260	-0.59	7430.675	1875
1876	40453.035	37455.913	7870.126	0.00	0.000	1876
1877	40454.936	36049.062	7576.022	-0.11	7575.914	1877
1878	40542.559	36635.967	7547.869	0.02	7547.891	1878
1879	40603.273	36378.019	7631.111	0.00	0.000	1879
1880	40611.863	37936.142	8191.197	-0.14	8191.057	1880
1881	40624.615	37125.342	7626.703	-0.15	7626.551	1881
1882	40638.520	35447.250	7451.531	-1.17	7450.360	1882
1883	40638.869	35818.362	7556.338	-0.07	7556.270	1883
1884	40783.943	36201.328	7747.250	-1.61	7745.638	1884
1885	40863.780	36862.887	7584.256	-0.33	7583.927	1885
1886	40873.221	37551.065	7781.960	-0.17	7781.794	1886
1887	40893.889	35535.476	7589.823	-0.53	7589.295	1887
1888	40946.498	35912.978	7815.946	-0.11	7815.838	1888
1889	41158.507	37222.819	7602.488	-0.18	7602.310	1889
1890	41188.851	36017.377	8028.305	-0.12	8028.185	1890

NOTE: All zero (0) elevations in study year difference are in obscure areas and were not read.

APPENDIX C

Legal Financial, Compliance and Related Information

Annual Report of Officers
As submitted to the Utah Department of Commerce

Other change in ownership and control information
As required under R645-301-110

CONTENTS

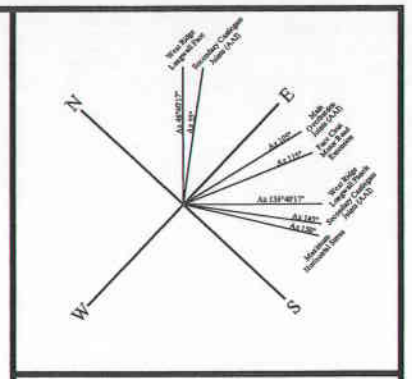
APPENDIX D

Mine Maps

As required under R645-302-525-270

CONTENTS

MINE MAP



I CERTIFY THIS MAP TO BE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

UTAH REGISTERED
#6449561
David W. Hibbs
5/5/09
PROFESSIONAL ENGINEER

David W. Hibbs 5/5/09

DAVID W. HIBBS, P.E. NO. 6449561-2202

MINE PRODUCTION LEGEND

- LONGWALL GOB AREAS
- JANUARY 2008 PRODUCTION AREA
- FEBRUARY 2008 PRODUCTION AREA
- MARCH 2008 PRODUCTION AREA
- APRIL 2008 PRODUCTION AREA
- MAY 2008 PRODUCTION AREA
- JUNE 2008 PRODUCTION AREA
- JULY 2008 PRODUCTION AREA
- AUGUST 2008 PRODUCTION AREA
- SEPTEMBER 2008 PRODUCTION AREA
- OCTOBER 2008 PRODUCTION AREA
- NOVEMBER 2008 PRODUCTION AREA
- DECEMBER 2008 PRODUCTION AREA

FUTURE MINE TIMING LEGEND

- ANTICIPATED 2009 MINING
- ANTICIPATED 2010 MINING
- ANTICIPATED 2011 MINING
- ANTICIPATED 2012 MINING
- ANTICIPATED 2013 MINING

2008 MINE PRODUCTION AREAS

WEST RIDGE RESOURCES, INC.

794 NORTH "C" CANYON ROAD
EAST CARBON, UTAH 84520

MSHA MINE ID # 42-02233

DRAWN BY: PJ	SCALE: 1" = 2000'
APPROVED BY: DS	DATE: 5 MAY 2009
SHEET:	PLATE #1 of 1

G:\Current Drawings\Geometrics\West Ridge Mine\2008\2008 Year End West Ridge.dwg, 2008 Year End 11x17, 5/5/2009 11:14:

APPENDIX E

Other Information

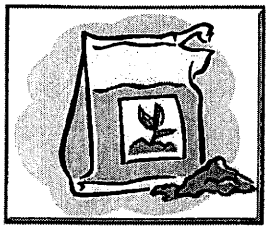
In accordance with the requirements of R645-301 and R645-302

CONTENTS

SOILS TESTING REPORT

SOIL MONITORING
at the
WEST RIDGE MINE, UTAH
2008

Prepared
for
WEST RIDGE RESOURCES, INC.



Prepared by

MT. NEBO SCIENTIFIC, INC.
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Patrick D. Collins, Ph.D.

for

WEST RIDGE RESOURCES, INC.
West Ridge Mine
P.O. Box 1077
Price, Utah 84501

January 9, 2009

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INTRODUCTION

An "experimental practice" for the protection of soil resources was designed and implemented at the West Ridge Mine site. The experimental practice was designed to test the effectiveness of burying soils in-place rather than salvaging (removing) them and returning them at the time of final reclamation. The in-situ topsoil was covered with a geotextile material and layer markers followed by fill material to create working areas for surface operations of the mine.

As a method to monitor the buried soil resources, West Ridge Resources committed to sampling **mine pad areas** in specific locations to determine whether or not they are being affected by coal and surface operations. In the document called *West Ridge Mine Experimental Practice Annual Evaluation 2000: Addendum to Appendix 2-6*, page 4, it states that a monitoring program, starting in the year 2000, will be implemented to sample and determine if the mine pad areas affected by the coal are being "acidified". The same document states that the samples will be analyzed for acid/toxic-forming potential per Division Guidelines. In consulting with soils specialist, Priscilla Burton, from the State of Utah, Division of Oil, Gas & Mining (DOGM) prior to sampling in 2001, it was determined that the most appropriate parameters to be analyzed on the mine pad areas were: pH, electrical conductivity (EC), sodium adsorption ratio (SAR) and calcium carbonate ($CaCO_3$). Moreover, it was determined that sampling should be done at the depth of 6-12 inches as opposed to 3 inches as stated in the addendum cited above.

METHODS

Soil samples of the mine pad areas were taken at the West Ridge Mine site in specified locations on that ill-fated day in history, September 11, 2001 and again November 25, 2008. The approximate same locations were sampled both years and are shown in Figure 1. A brief description of these locations follow.

T1	*Located in the right fork, it was originally described to be 64 ft northwest of the Jersey Barrier in the center of the canyon. Because this location was so close to construction and where equipment was placed at the time, the sample was taken about 25 ft north of that location.*
T2	*Located in the left fork in the coal storage area, the sample was taken at the base of the dike in the center of the canyon.*
T3	*Located in the load-out area, the sample was taken 54 ft uphill from the belt footer on the north side of the ditch.*

The soil samples were taken at a depths from 6 to 12 inches at the above-described locations. Soils were analyzed at the Brigham Young University, Soil and Plant Analysis Laboratory, Provo, Utah. Parameters and laboratory methods used are shown below.

pH	*ASA Mono. No. 9, Part 2, (2 ed), 1982. Method 10-3.2, page 171. Perform pH on saturated paste.*
ECe	*Electrical conductivity reported as mmhos/cm 25°C. ASA Mono. No. 9, Part 2, (2 ed), 1982. Method 10-3.3, page 172-173.*
SAR	*Sodium Adsorption Ratio. Calculated from soluble Ca, Mg and Na.*
$CaCO_3$	*Method S-13.20. Acetic acid dissolution method. Western States Laboratory Proficiency Testing Program. Soil and Plant Analytical Methods. 1998.*

Soil sampling in the **Experimental Test Plots** was also conducted by Gary Gray, P.E. from West Ridge Resources in the fall of 2005.

RESULTS

The laboratory results for soils in the **pad areas** are shown on Table 1. The entire lab report has been included in the Appendix of this report. The only values that exceeded acceptable levels according to DOGM soil guidelines were from 2008 samples. The parameters that exceeded the standards were EC and SAR in sample T3. The results suggest accumulations of salts in this area. Sample T3 was located in-between the driving loop created in the coal loadout area of the West Ridge Mine site. The high concentration of salts (EC and SAR) may likely be the result of road salt that is placed in the travel areas at the mine to treat snow and ice. The road salts also accumulate in the snow and on the coal trucks while using the haul road to and from the mine. This snow and salt can drop off the trucks while idling at the loadout site. Additionally, "acidification" of the soils will probably not be a problem due to the neutralizing or "buffering" effect caused by the high percentage of calcium carbonates ($CaCO_3$) present in all samples.

Table 1: Laboratory Results for Soil Sampling in Mine Pad Areas at West Ridge Mine (2001 & 2008).

	pH		EC		SAR		$CaCO_3$	
Sample No.	**2001**	**2008**	**2001**	**2008**	**2001**	**2008**	**2001**	**2008**
T1	8.04	7.75	6.20	4.80	2.19	5.83	19.21	11.85
T2	7.52	7.23	2.70	4.80	0.74	4.14	5.10	11.25
T3	7.83	8.42	4.20	17.50*	1.94	31.31*	15.00	12.02
Mean	7.80	7.80	4.37	9.03	1.62	13.76	13.10	11.71
SDev.	0.26	0.60	1.76	7.33	0.78	15.22	7.24	0.40

** Value considered "unsuitable" according evaluation in DOGM soil guidelines.*

As a means for comparison, Table 2 shows results of soil sampling in the **Experimental Test Plots** at the West Ridge Mine in 2005. These plots were created to simulate final reclamation of those soils that were left in-place, covered by a geotextile layer, marked with strips, then covered with fill material for the life of the mine. At the time of final reclamation the geotextile fabric, markers and fill will be removed thus exposing the native soils enabling revegetation to proceed. A similar process to test this reclamation design was implemented in the Experimental Test Plot area by placing material over existing soils, then later removing it, followed by revegetation techniques.

Table 2: Laboratory Results for Soil Sampling in Experimental Test Plot at West Ridge Mine (2005).*

	pH	EC	SAR	$CaCO_3$
Subplot Name				
Strych Fill	7.31	1.06	0.17	19.47
Strych Stockpile	7.62	0.77	0.34	20.25
Midfork Cut	7.27	0.98	0.13	16.00
Midfork Stockpile	7.39	0.90	0.19	10.83
Mean	7.40	0.93	0.21	16.64
SDev.	0.16	0.12	0.09	4.29

** Results are a subset showing specific parameters from the complete soil laboratory report prepared by Brigham Young University (October 4, 2005). Sampling was conducted by Gary Gray, P.E. from the West Ridge Mine. A complete copy of the lab report has been provided to DOGM.*

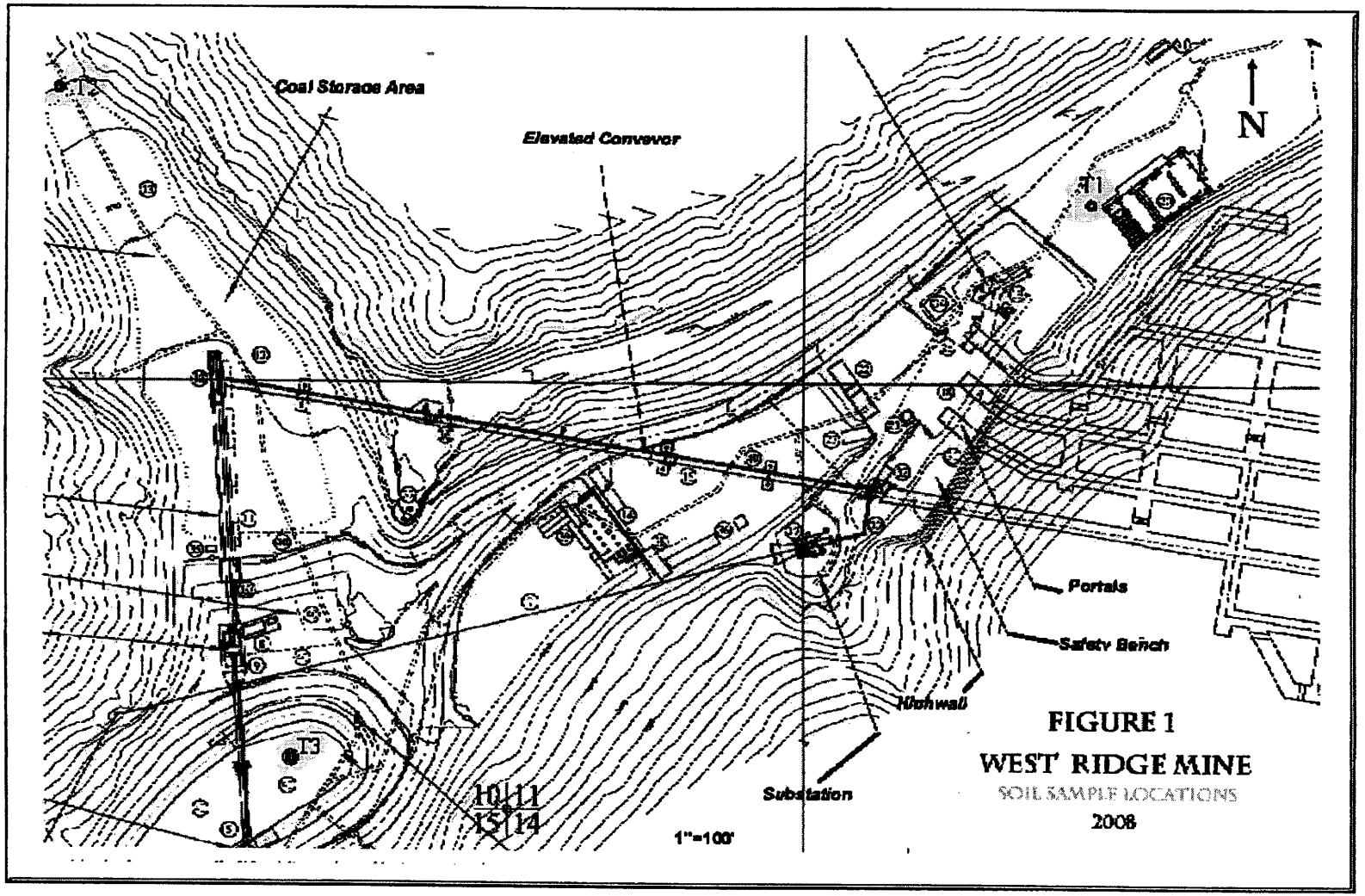

FIGURE 1

WEST RIDGE MINE

SOIL SAMPLE LOCATIONS

2008

APPENDIX

(Laboratory Report)

BRIGHAM YOUNG UNIVERSITY

Soil and Plant Analysis Laboratory
255 WIDB
Provo, UT 84602
801-422-2147

Plant and Animal Science Department

Name Mt. Nebo Scientific
Street P.O. Box 337
Springville UT 84663
City State Zip

SOIL TEST REPORT AND RECOMMENDATIONS

Date: 12-Jan-09
Telephone: 8014896937
Fax:

Sample Identification	Crop to be grown	pH	% Sand	% Silt	% Clay	Soil Texture	Cation Exchange meq/100g	% Organic Matter
WR T1 6-12"	Turf	7.75						

Soil Test	Results	Very Low	Low	Medium	High	Very High	Recommendations
Salinity-ECe dS/m	4.80				X		salinity a problem for sensitive crops
SAR-Sodium Absorption Ratio	5.83		X				no sodium hazard
Calcium-SAR ppm Ca	196.32						
Magnesium SAR ppm Mg	261.12						
Sodium SAR ppm Na	532.48						
Ca Carbonate %CaCO3	11.85						

Notes:

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SOIL TEST REPORT AND RECOMMENDATIONS

Date: 12-Jan-09
Telephone: 8014896937
Fax:

Sample Identification	Crop to be grown	pH	% Sand	% Silt	% Clay	Soil Texture	Cation Exchange meq/100g	% Organic Matter
WR T2 6-12"	Turf	7.23						

Soil Test	Results	Very Low	Low	Medium	High	Very High	Recommendations
Salinity-ECe dS/m	4.80				X		salinity a problem for sensitive crops
SAR-Sodium Absorption Ratio	4.14		X				no sodium hazard
Calcium-SAR ppm Ca	373.76						
Magnesium SAR ppm Mg	284.16						
Sodium SAR ppm Na	437.76						
Ca Carbonate %CaCO3	11.25						

Notes:

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SOIL TEST REPORT AND RECOMMENDATIONS

Date: 12-Jan-09
Telephone: 8014896937
Fax:

Sample Identification	Crop to be grown	pH	% Sand	% Silt	% Clay	Soil Texture	Cation Exchange meq/100g	% Organic Matter
WR T3 6-12"	Turf	8.42						

Soil Test	Results	Very Low	Low	Medium	High	Very High	Recommendations
Salinity-ECe dS/m	17.50					X	salinity a problem for most crops
SAR-Sodium Absorption Ratio	31.31					X	extreme sodium hazard exists
Calcium-SAR ppm Ca	337.92						
Magnesium SAR ppm Mg	358.40						
Sodium SAR ppm Na	3481.60						
Ca Carbonate %CaCO3	12.02						

Notes:

TEST PLOT EVALUATION

MT NEBO SCIENTIFIC, INC.
research & consulting

January 16, 2009

Dave Shaver
ANDALEX RESOURCES
P.O. Box 902
Price, Utah 84501

Dear Dave:

Enclosed please find and electronic of the following report for the West Ridge Mine.

Vegetation of the
Experimental Test Plot
2008

at the
West Ridge Mine,
Carbon County, Utah

Please add the Test Plot Map to the final report when you make hard copies. Call if you have questions or comments.

Sincerely,

(Transmitted Electronically)

Patrick D. Collins, Ph.D.
Biologist/Environmental Consultant

Enclosures

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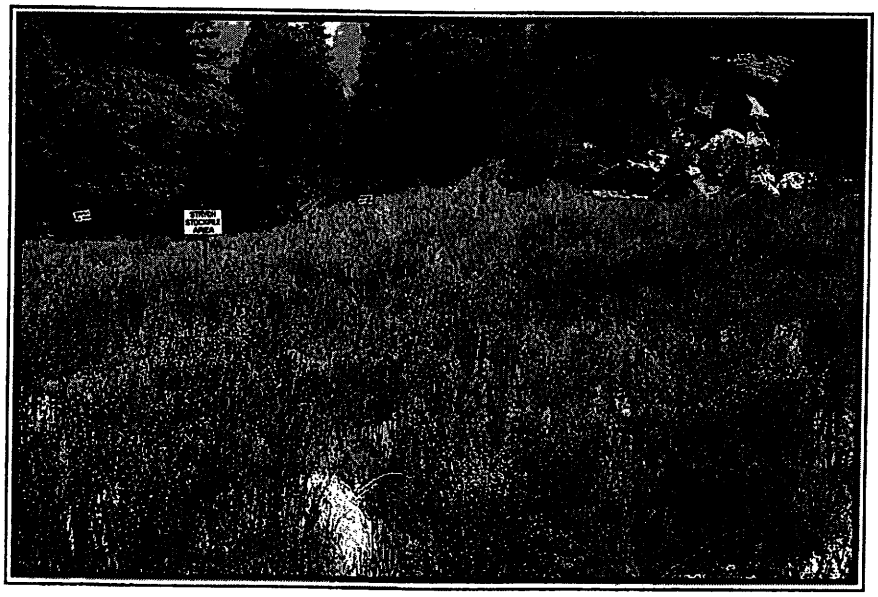
(801) 489-6937, (fax) 489-6779

Vegetation of the Experimental Test Plot 2008

at the
West Ridge Mine,
Carbon County, Utah



Experimental Test Plots at the West Ridge Mine

Prepared by

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January 2009

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INTRODUCTION

Experimental Practice Test Plots were constructed at the West Ridge Mine in Carbon County, Utah in 1999. These plots were created to simulate final reclamation of those soils that have been left in-place (as opposed the more common practice to remove and stockpile them), covered by a geotextile layer (as a means for preservation of the in-place topsoil), identified with marker strips (to facilitate locating them at the time reclamation), then covered the area with fill (to simulate the material used to cover the mine pad areas during operations), and finally coverage of the plots with other topsoil material (was then seeded with the *interim* seed mixture for erosion control).

Five years following the initial test plot creation, the above procedures were reversed in an attempt to imitate final reclamation and revegetation of the mine site. Or, the fill and topsoil were removed until the marker strips were exposed. These materials were then returned to their place of origin. The geotextile material was then removed exposing the topsoil and subsoil that was left "in-place", followed by re-seeding the area with the seed mixture formulated for *final* revegetation.

This document was prepared to report the current status and condition of specific parameters for the vegetation of the Experimental Test Plots at the West Ridge Mine.

METHODS

Methodologies used for this study were performed in accordance with the guidelines supplied by the State of Utah, Division of Oil, Gas and Mining (DOGM). Quantitative and qualitative data were recorded on August 15, 2008. The reference area proposed to ultimately be compared with this plot was sampled during the growing season of 1998. These data were also presented herein for an *early* or "preview" comparison of the datasets.

Sampling Design and Transect/Quadrat Placement

Transect lines for vegetation sampling were placed randomly within the boundaries of the test plots. The transect placement technique was employed with the goal to adequately sample a representative subset of the plot. Once the transects were established, quadrat locations for sampling were chosen using random numbers from the transect lines with the objective to record data without preconceived bias.

Cover and Composition

Cover estimates were made using ocular methods with meter square quadrats. Species composition, cover by species, and relative frequencies were also assessed from the

quadrats. Plant nomenclature follows "A Utah Flora" (Welsh et al., 2003).

Woody Species Density

Density of woody plant species was not sampled because very few or no trees or shrubs were present on the plots. In other words, no woody species were observed on the plots during the sample period.

Photographs

Color photographs of the sample areas were taken at the time of sampling and have been submitted with this report.

Raw Data

The raw data have been summarized on a spreadsheet and is available upon request by the operator or DOGM.

RESULTS

Midfork Cut

The Midfork Cut plot was mostly dominated by stinging nettle *(Urtica dioica)*; other dominant plant species were thickspike wheatgrass *(Elymus lanceolatus)* and Lewis flax *(Linum lewisii)*. For a list of all plant species by cover and frequency found in the test plot, refer to Table 1.

Table 1: West Ridge Mine Experimental Test Plots. Living Cover and Frequency by Plant Species (2008).

MIDFORK CUT	Mean Percent	Standard Deviation	Percent Frequency
TREES & SHRUBS			
FORBS			
Achillea millefolium	1.00	3.00	10.00
Linum lewisii	11.50	7.09	80.00
Urtica dioica	36.50	13.61	100.00
GRASSES			
Elymus lanceolatus	13.50	7.09	90.00
Elymus spicatus	4.50	7.23	30.00
Poa pratensis	8.50	6.34	70.00
Stipa hymenoides	1.00	3.00	10.00

Table 2: West Ridge Mine Experimental Test Plots. Total Cover and Composition (2008).

MIDFORK CUT		
A. TOTAL COVER	**Mean Percent**	**Standard Deviation**
Total Living Cover	76.50	9.23
Litter	6.10	2.81
Bareground	8.80	5.98
Rock	8.60	4.86
B. % COMPOSITION		
Shrubs	0.00	0.00
Forbs	63.19	13.76
Grasses	36.81	13.76

Total living cover of the plot was estimated at 76.50% (Table 2-A). The living cover was comprised of 63.19% forbs (mostly due to the stinging

nettle), 36.81% grasses with no shrubs present in the sample quadrats (Table 2-B).

Table 3: West Ridge Mine Experimental Test Plots. Living Cover and Frequency by Plant Species (2008).

MIDFORK STOCKPILE	Mean Percent	Standard Deviation	Percent Frequency
TREES & SHRUBS			
FORBS			
Hedysarum boreale	1.50	3.20	20.00
Linum lewisii	23.00	25.22	90.00
Urtica dioica	1.00	2.00	20.00
GRASSES			
Elymus lanceolatus	45.00	26.46	90.00
Elymus smithii	6.00	10.44	40.00
Poa pratensis	2.50	7.50	10.00

Midfork Stockpile

The dominant plant species represented in this plot were thickspike wheatgrass and Lewis flax (Table 3).

The total living cover for the Midfork Stockpile plot was estimated at 79.00% (Table 4-A). The composition of the living understory cover was comprised of 66.78% grasses and 33.22% forbs Table 4-B.) No woody species were present in the sample quadrats.

Table 4: West Ridge Mine Experimental Test Plots. Total Cover and Composition (2008).

MIDFORK STOCKPILE A. TOTAL COVER	Mean Percent	Standard Deviation
Total Living Cover	79.00	11.14
Litter	9.20	5.47
Bareground	6.10	3.91
Rock	5.70	9.12
B. % COMPOSITION		
Shrubs	0.00	0.00
Forbs	33.22	30.04
Grasses	66.78	30.04

Strych Stockpile

The Strych Stockpile plot was dominated by Lewis flax by quite a wide margin (Table 5). Other dominant species for this plot included bluebunch wheatgrass (*Elymus spicatus*) and thickspike wheatgrass.

Table 5: West Ridge Mine Experimental Test Plots. Living Cover and Frequency by Plant Species (2008).

STRYCH STOCKPILE	Mean Percent	Standard Deviation	Percent Frequency
TREES & SHRUBS			
FORBS			
Hedysarum boreale	0.50	1.50	10.00
Linum lewisii	43.00	13.08	100.00
Urtica dioica	1.00	3.00	10.00
GRASSES			
Bromus carinatus	2.50	4.03	30.00
Elymus lanceolatus	4.00	4.36	50.00
Elymus smithii	1.50	3.20	20.00
Elymus spicatus	9.00	7.35	70.00
Poa pratensis	2.00	4.00	10.00

The total living cover of the plot was estimated at 63.50% (Table 6-A); this cover consisted of 70.24% forbs and 29.76% grasses with no woody species present (Table 6-B).

Table 6: West Ridge Mine Experimental Test Plots. Total Cover and Composition (2008).

STRYCH STOCKPILE		
A. TOTAL COVER	**Mean Percent**	**Standard Deviation**
Total Living Cover	63.50	10.26
Litter	8.50	3.20
Bareground	17.00	12.69
Rock	11.00	5.39
B. % COMPOSITION		
Shrubs	0.00	0.00
Forbs	70.24	17.48
Grasses	29.76	17.48

Strych Fill

The Strych Fill plot's dominant plant species were Lewis flax and Western wheatgrass

(*Elymus smithii*), thickspike wheatgrass and bluebunch wheatgrass (Table 7).

Total living cover of the Strych Fill plot was estimated at 65.00% (Table 8-A). The living understory cover composition was comprised of 53.78% forbs and 46.22% grasses (Table 8-B).

Table 7: West Ridge Mine Experimental Test Plots. Living Cover and Frequency by Plant Species (2008).

STRYCH FILL	Mean Percent	Standard Deviation	Percent Frequency
TREES & SHRUBS			
FORBS			
Urtica dioica	4.50	7.89	30.00
Linum lewisii	31.50	15.50	100.00
GRASSES			
Elymus lanceolatus	9.00	10.20	60.00
Elymus smithii	10.00	10.95	50.00
Elymus spicatus	7.00	6.40	60.00
Poa pratensis	2.00	4.00	20.00
Stipa hymenoides	1.00	3.00	10.00

Table 8: West Ridge Mine Experimental Test Plots. Total Cover and Composition (2008).

STRYCH FILL		
A. TOTAL COVER	**Mean Percent**	**Standard Deviation**
Total Living Cover	65.00	10.49
Litter	9.50	4.15
Bareground	13.00	7.14
Rock	12.50	6.80
B. % COMPOSITION		
Shrubs	0.00	0.00
Forbs	53.78	18.52
Grasses	46.22	18.52

Douglas Fir/Maple Reference Area

The existing Douglas Fir/Maple Reference Area was chosen to ultimately be compared to the test plot. Although this is an early comparison considering the length of time the test plot has been "reclaimed" (re-worked), data from quantitative sampling this reference area in 1998 have been presented in this report. Moreover, when the final revegetation is compared to the representative reference area, the sampling will be accomplished during the same growing season.

Understory in the Douglas Fir/Maple Reference Area was dominated by bigtooth maple (*Acer grandidentatum*), mountain lover (*Pachistima myrsinites*), and Oregon grape (*Mahonia repens*). Overstory dominants were bigtooth maple and Douglas fir (*Pseudotsuga menziesii*). A list of all species present in the sample quadrats for the reference area is shown in Table 9.

The total living cover of the reference area was estimated at 63.63% of which overstory and understory cover was nearly equally represented at 31.38% and 32.25%, respectively (Table 10-A). Woody species comprised 61.57% of the total living understory cover, followed by forbs at 25.33% and grasses at 13.11% (Table 10-B).

Table 9. West Ridge Mine: Reference Area. Total Cover, Standard Deviation and Frequency by Species (1998).

DOUGLAS FIR/ MAPLE COMMUNITY REFERENCE AREA (NEW)	Mean Percent	Standard Deviation	Percent Frequency
OVERSTORY COVER			
Acer grandidentatum	15.88	21.30	50.00
Juniperus scopulorum	1.38	6.22	5.00
Pseudotsuga menziesii	14.13	20.67	45.00
UNDERSTORY COVER			
TREES & SHRUBS			
Acer grandidentatum	6.18	11.30	47.50
Juniperus scopulorum	1.30	2.90	20.00
Mahonia repens	3.33	5.82	40.00
Pachistima myrsinites	5.73	11.04	35.00
Pseudotsuga menziesii	1.95	6.19	6.00
Symphoricarpos oreophilus	1.43	3.35	20.00
FORBS			
Antennaria parvifolia	0.25	1.09	5.00
Artemisia dracunculus	0.88	3.33	10.00
Aster sp.	3.13	7.65	30.00
Circium sp.	0.13	0.78	2.50
Descurania pinnata	1.78	7.12	10.00
Erigeron engelmannii	0.25	1.09	5.00
Erysimum asperum	0.13	0.78	2.50
Fragaria vesca	0.38	1.73	5.00
Mitella stauropetala	0.05	0.31	2.50
Senecio pudicus	0.15	0.79	5.00
Smilacina racemosa	0.33	1.03	10.00
Stellaria jamesiana	0.03	0.16	2.50
Taraxicum officinale	0.13	0.78	2.50
Thalictrum fendleri	0.13	0.78	2.50
Viola adunca	0.13	0.78	2.50
GRASSES			
Bromus inermis	1.25	5.67	7.50
Poa fendleriana	2.90	4.15	45.00
Poa pratensis	0.38	1.73	5.00

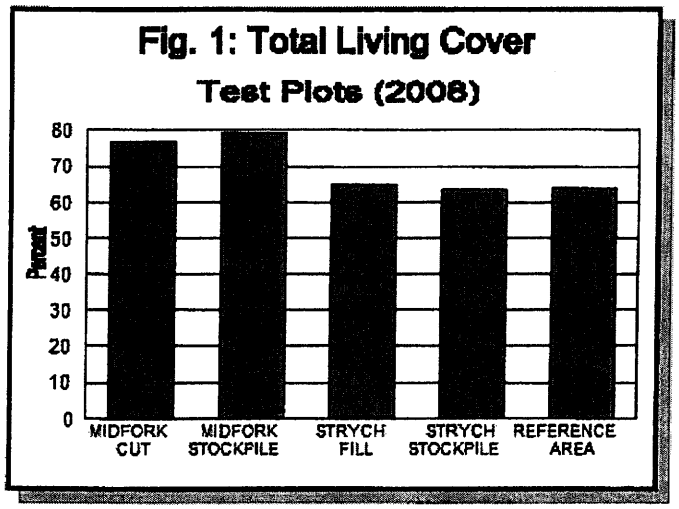
Table 10. West Ridge Mine: Reference Area. Total Cover, Standard Deviation and Sample Size (1998).

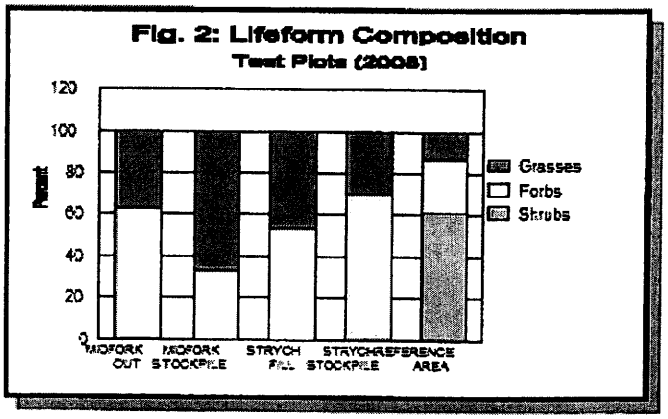
DOUGLAS FIR/ MAPLE COMMUNITY REFERENCE AREA (NEW)	Mean Percent	Standard Deviation	Sample Size
A. TOTAL COVER			
Overstory Cover (O)	31.38	25.69	40
Understory Cover (U)	32.25	19.27	40
Cryptogams	0.25	1.09	40
Litter	18.20	12.80	40
Bareground	8.20	9.39	40
Rock	9.73	9.67	40
O+U	63.63	13.51	40
B. % COMPOSITION			
Trees & Shrubs	61.57	33.67	40
Forbs	25.33	29.49	40
Grasses	13.11	19.14	40

DISCUSSION

When one compares *species diversity* in the summary tables for each plot, there does not seem to be a significant difference between them. Species diversity, however, is much greater in the reference area. One interesting note is the prevalence of stinging nettle in the Midfork Cut plot. Although not necessarily and undesirable species, it is interesting that it dominates that plot only. The Midfork Cut plot may have greater soil moisture for one reason or another, which may influence the persistence of this plant.

A graphic representation of the *total living cover* can be observed on Fig 1. As can be noted from the figure and also the data summary tables in this report, there was very little difference between the total living cover in the plots that represented soils that remained *in-place* to those that represented soils of the more typical scenario of first *stockpiling* the topsoil and then returning it at the time of revegetation.

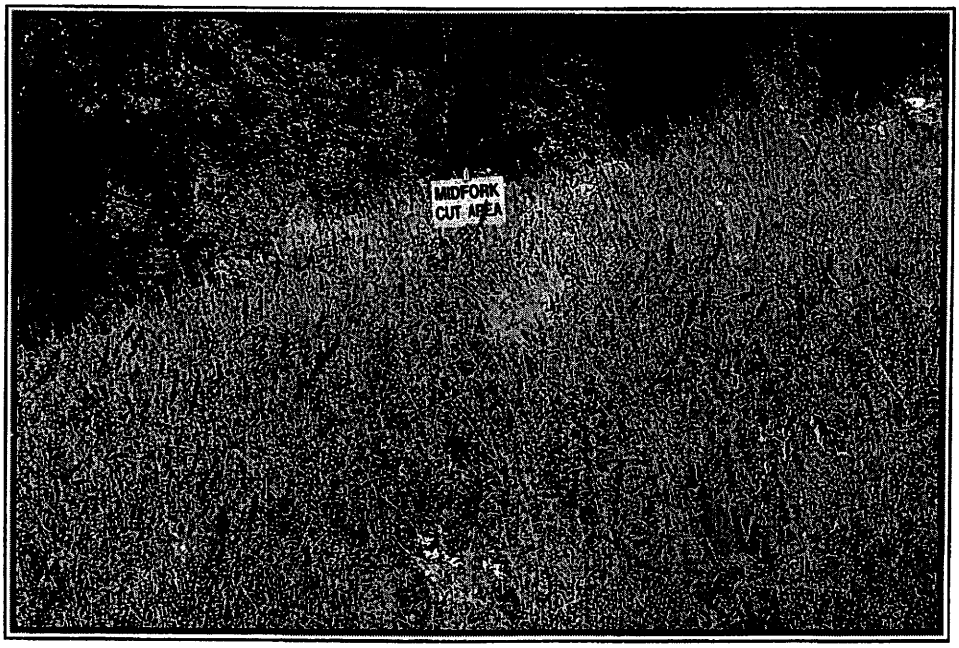




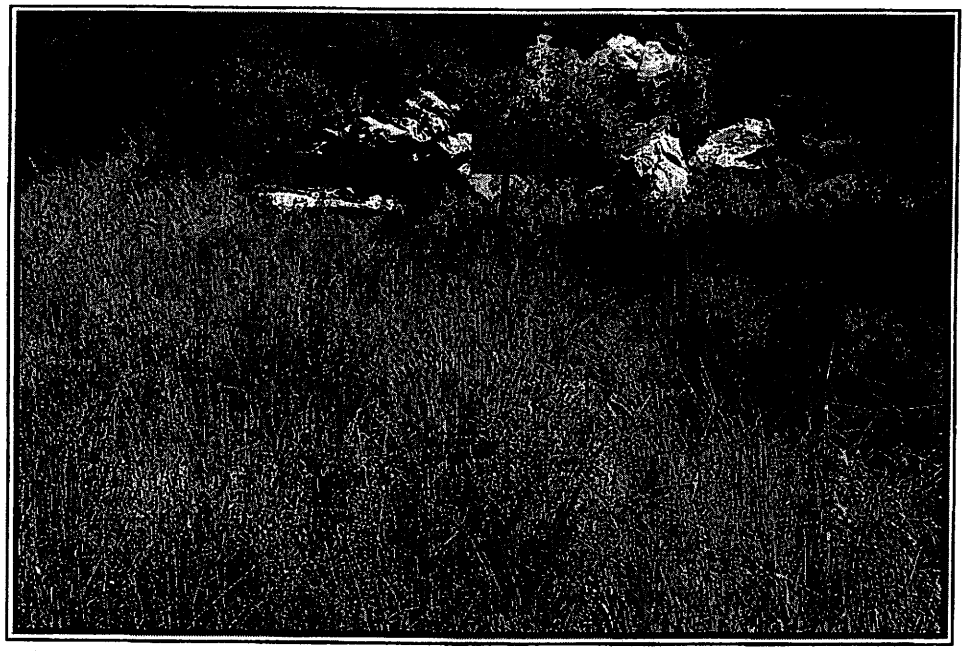
For lifeform composition, the most obvious observation is that there were no woody species present in the test plots, especially when the reference area is compared (Fig. 2). This may change over time when the plots become more established.

PHOTOGRAPHS OF THE SAMPLE AREAS

All Experimental Test Plots at the West Ridge Mine

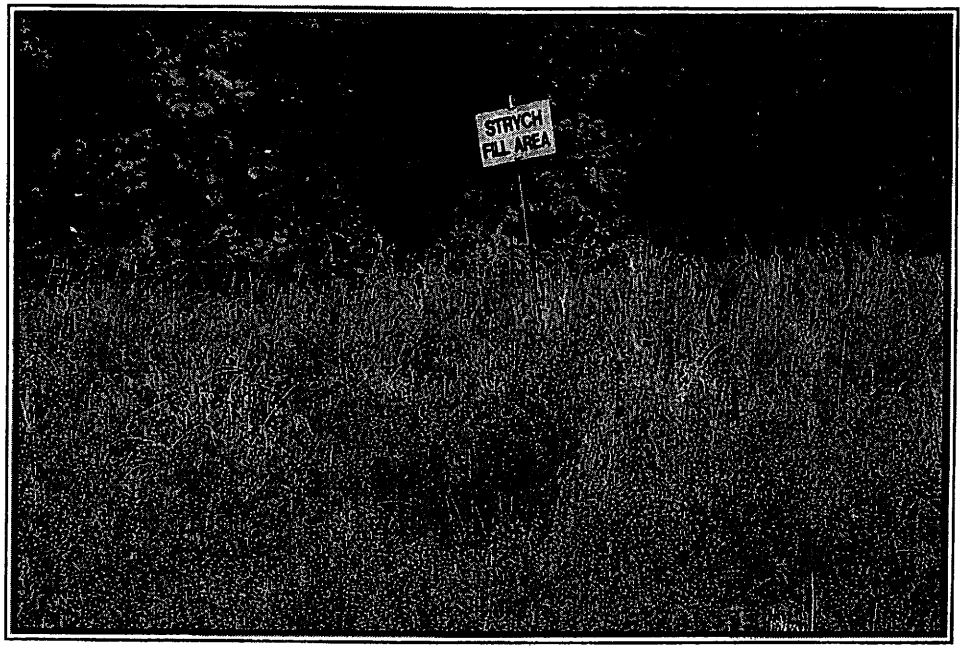


Midfork Cut Test Plot



Midfork Stockpile Test Plot

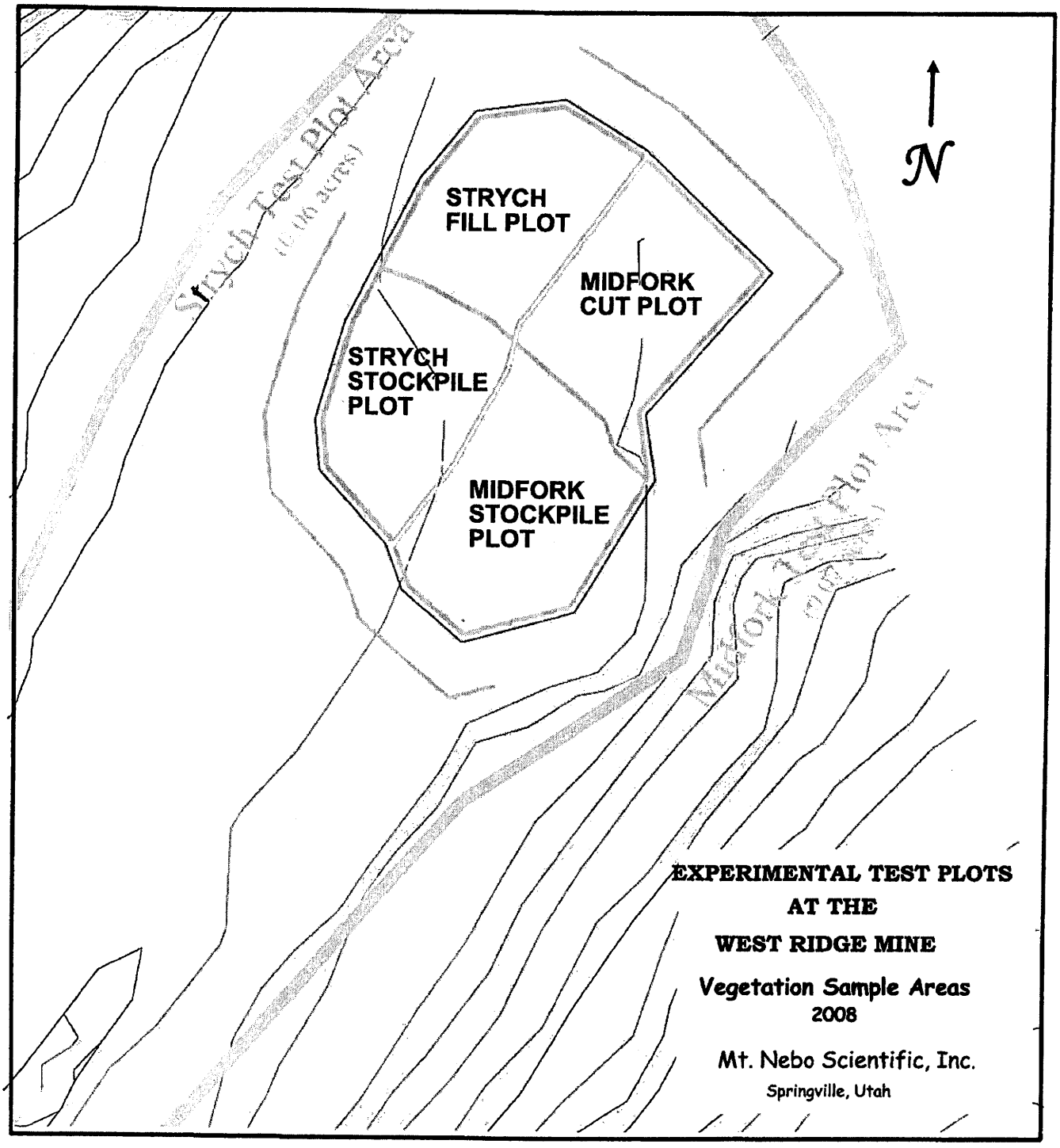
Strych Stockpile Test Plot



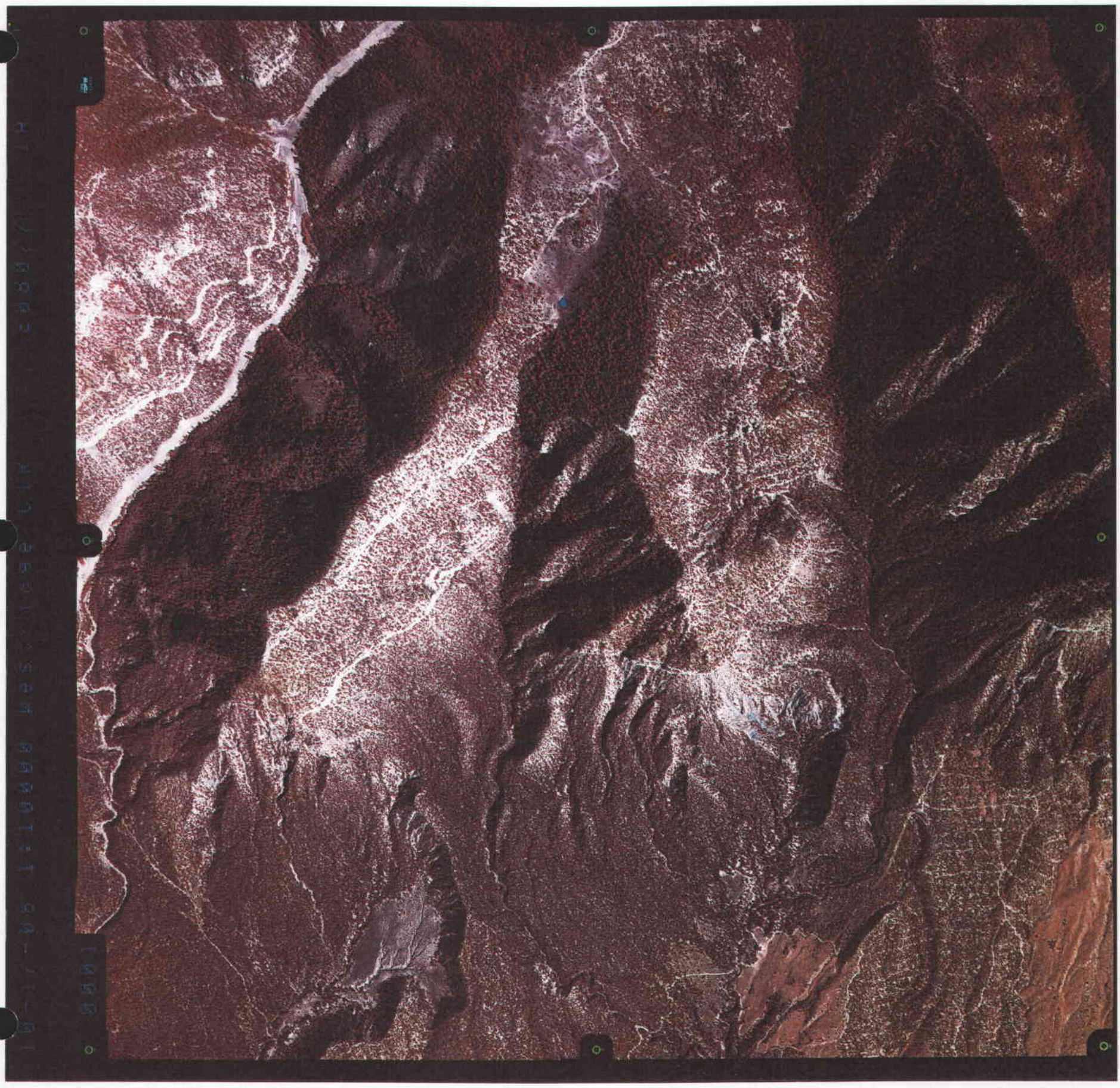
Strych Fill Test Plot

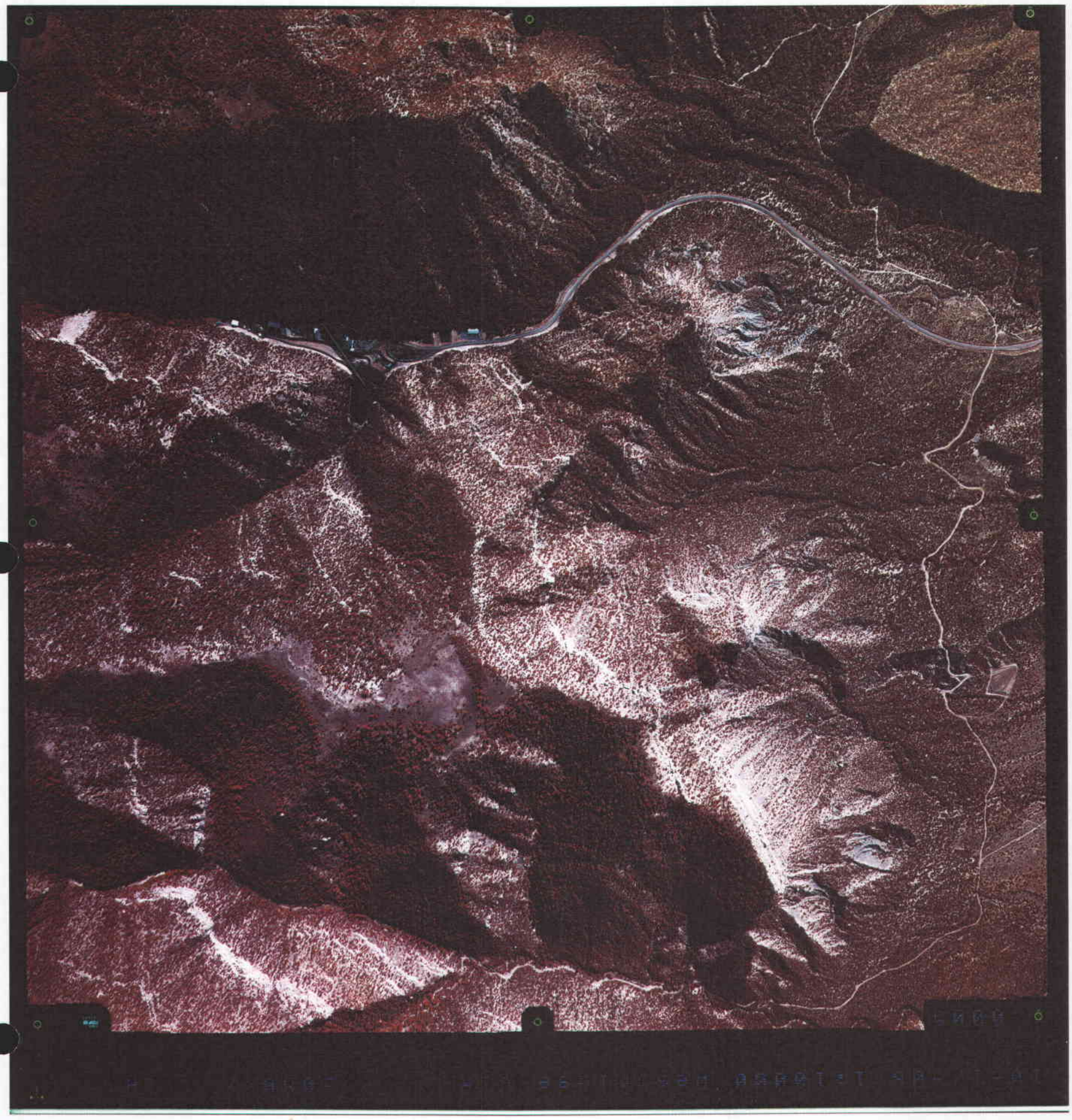
Douglas Fir/Maple Reference Area

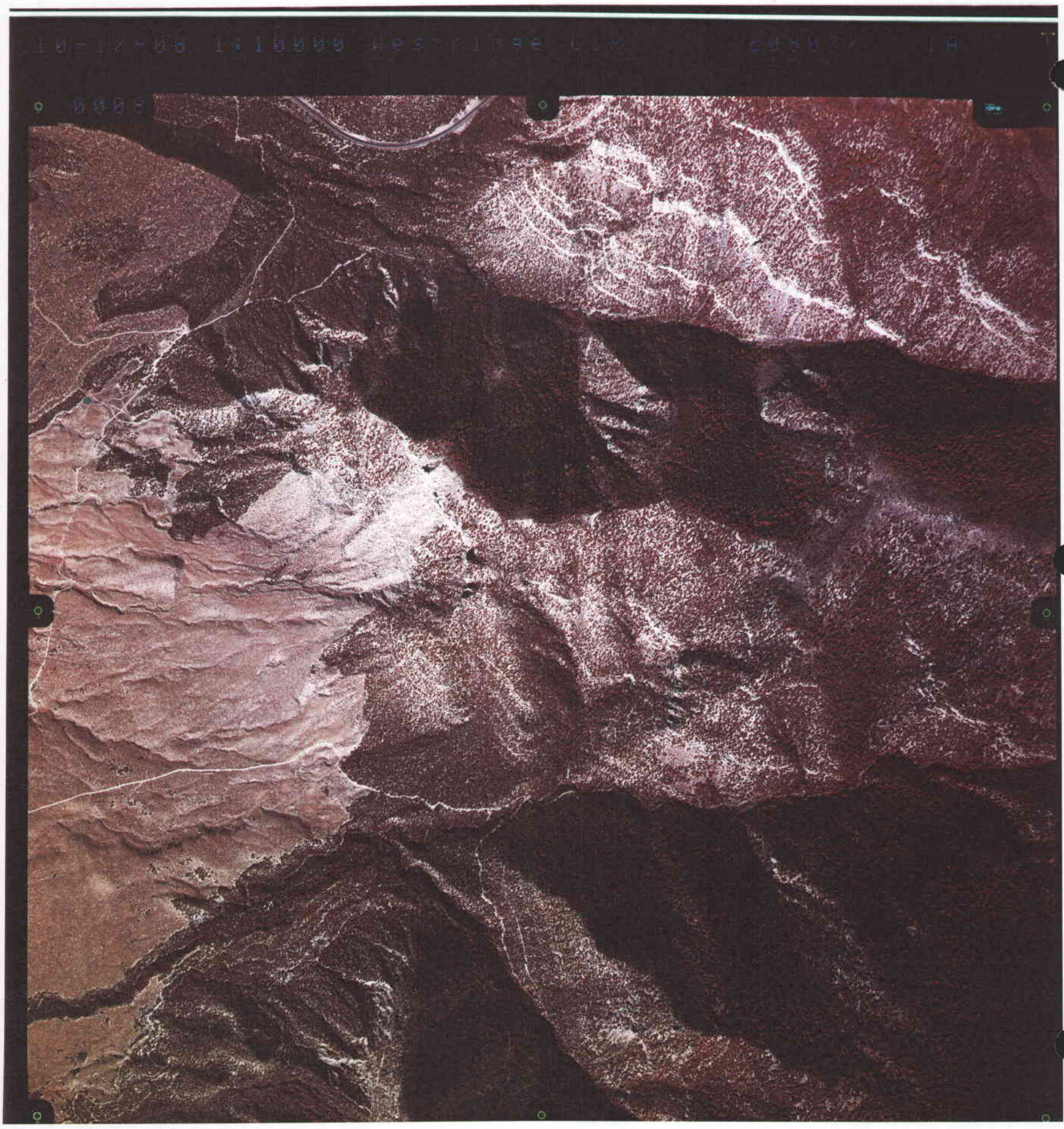
TEST PLOT MAP

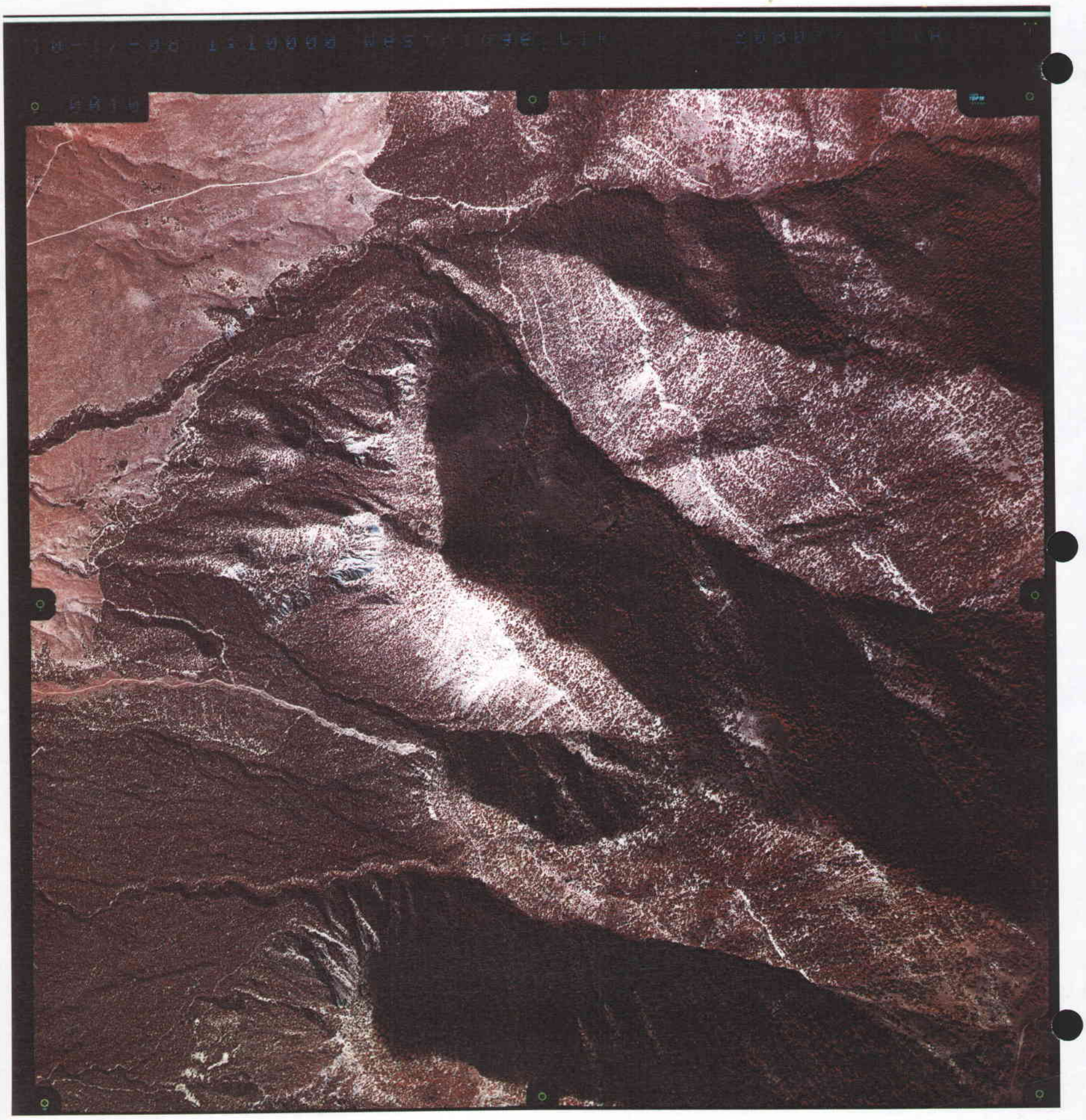

STRYCH
FILL PLOT
MIDFORK
CUT PLOT
STRYCH
STOCKPILE
PLOT
MIDFORK
STOCKPILE
PLOT
N
EXPERIMENTAL TEST PLOTS
AT THE
WEST RIDGE MINE
Vegetation Sample Areas
2008
Mt. Nebo Scientific, Inc.
Springville, Utah

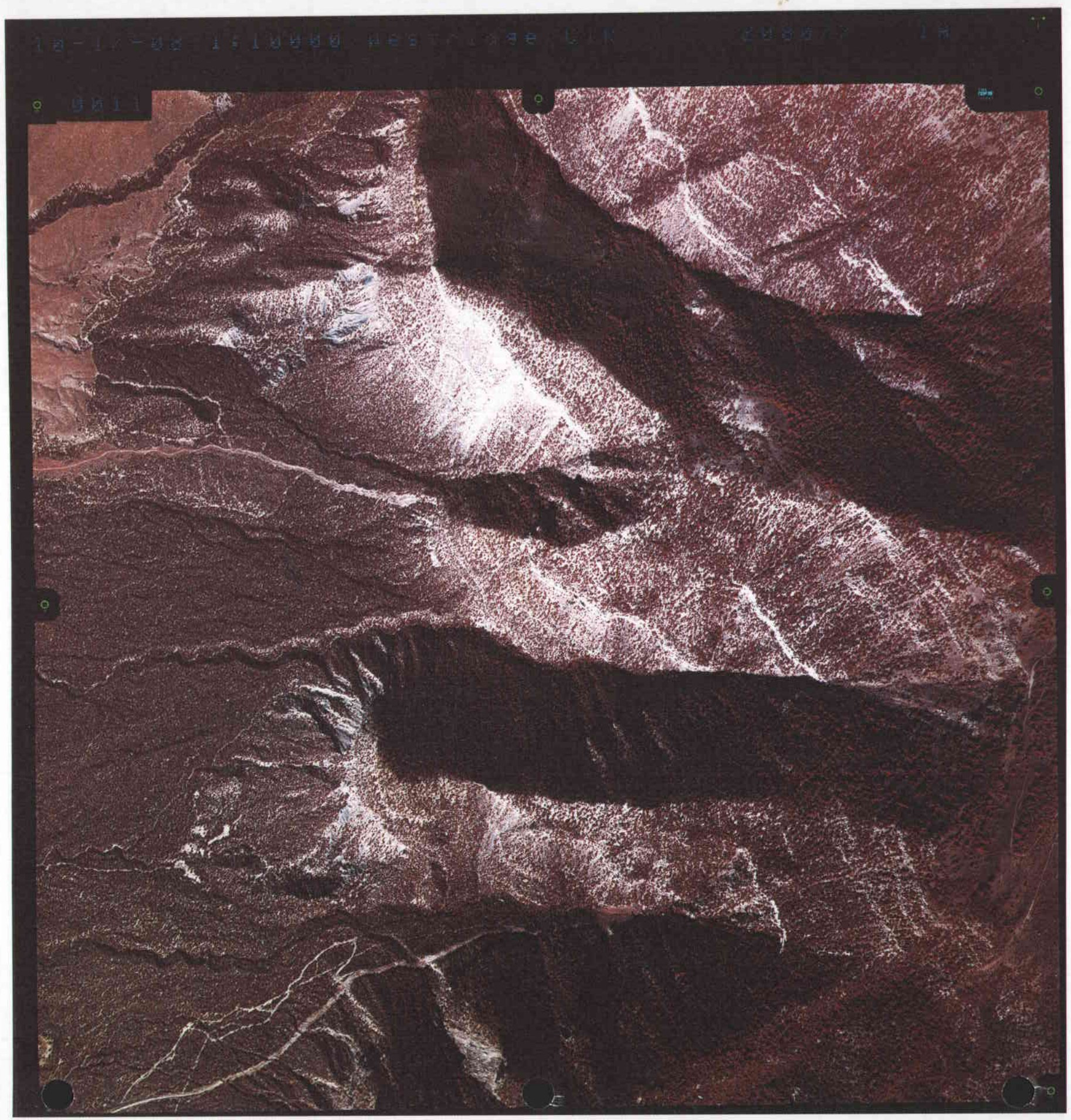
Infra Red Photography

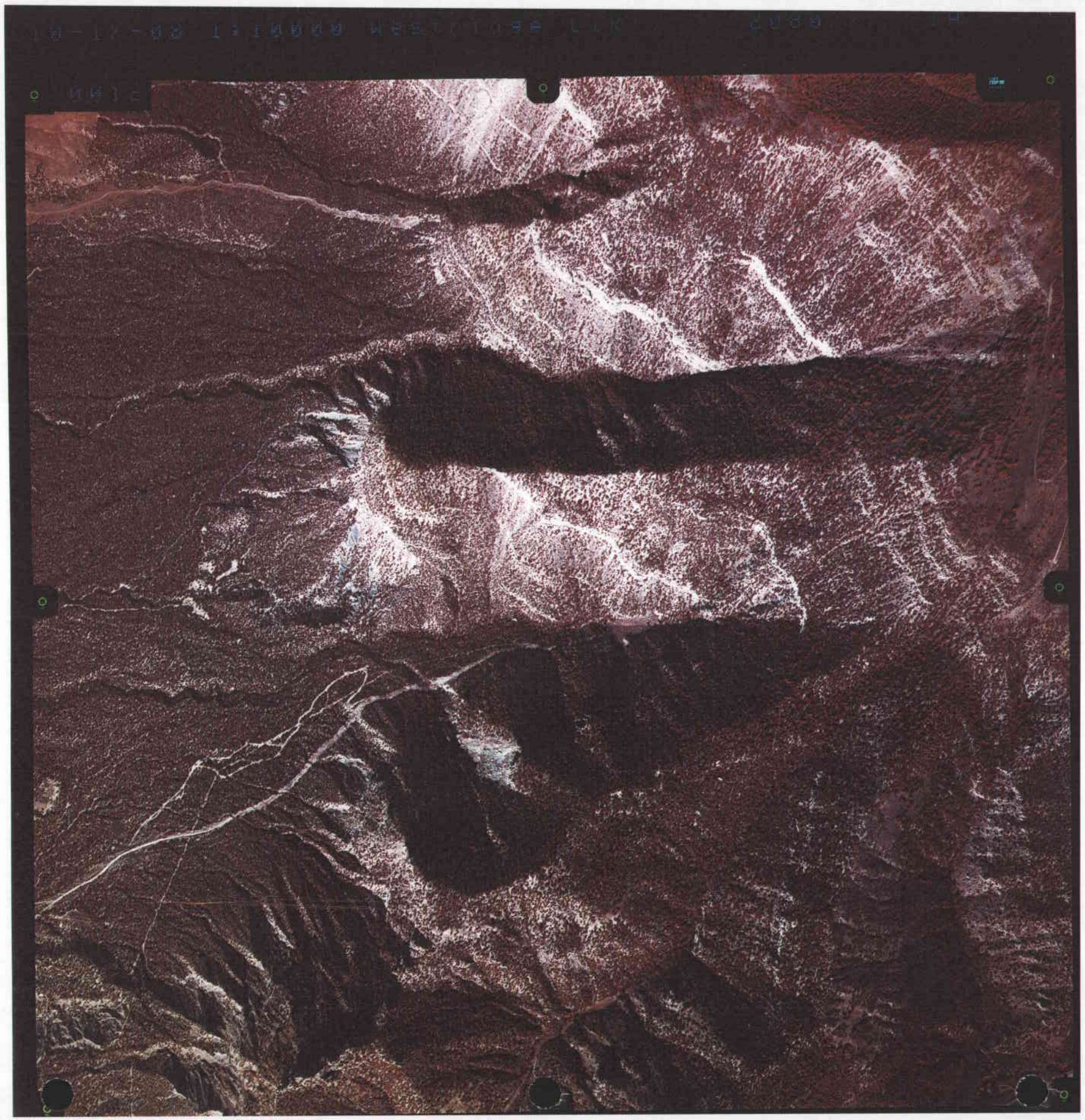


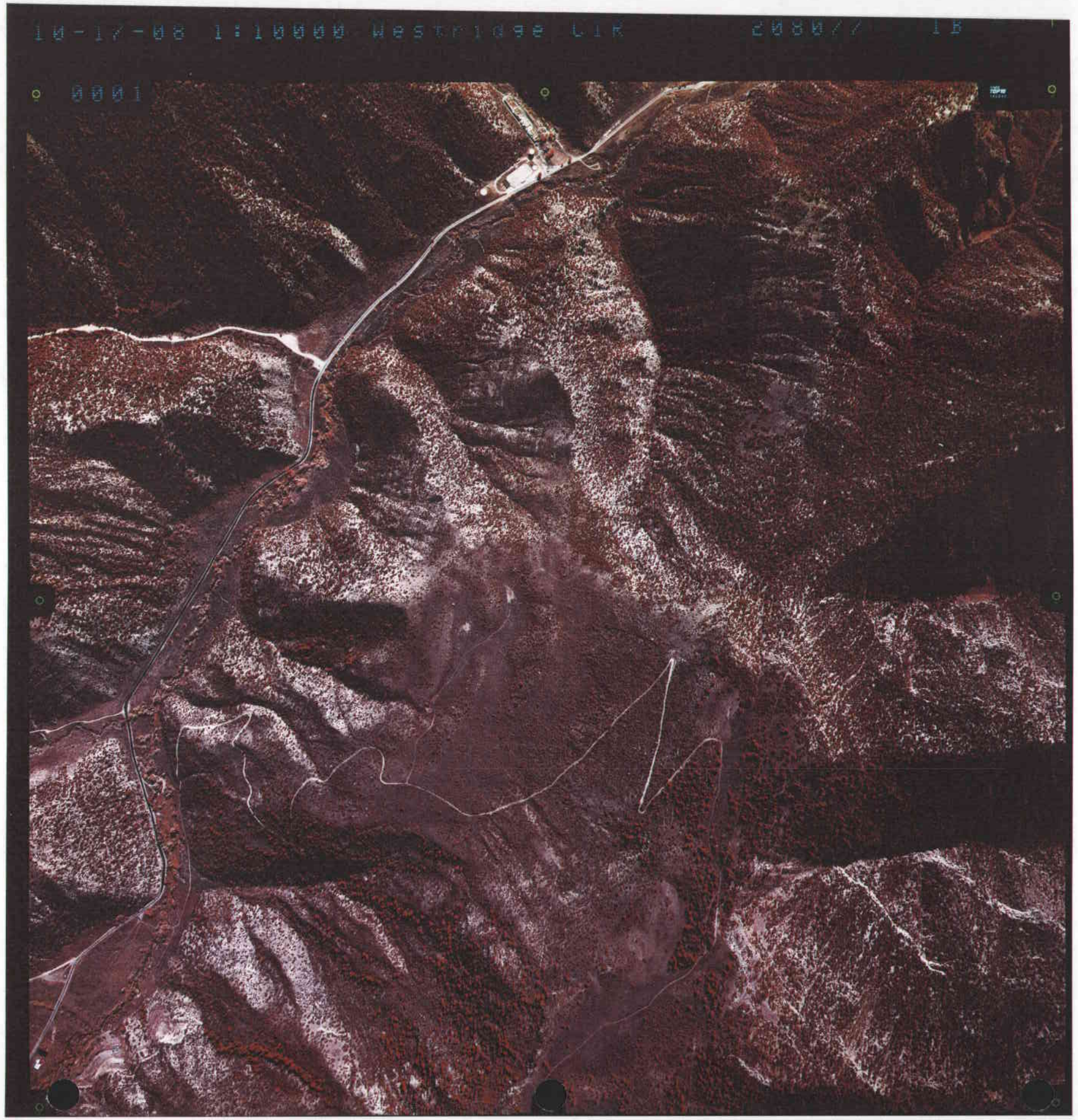








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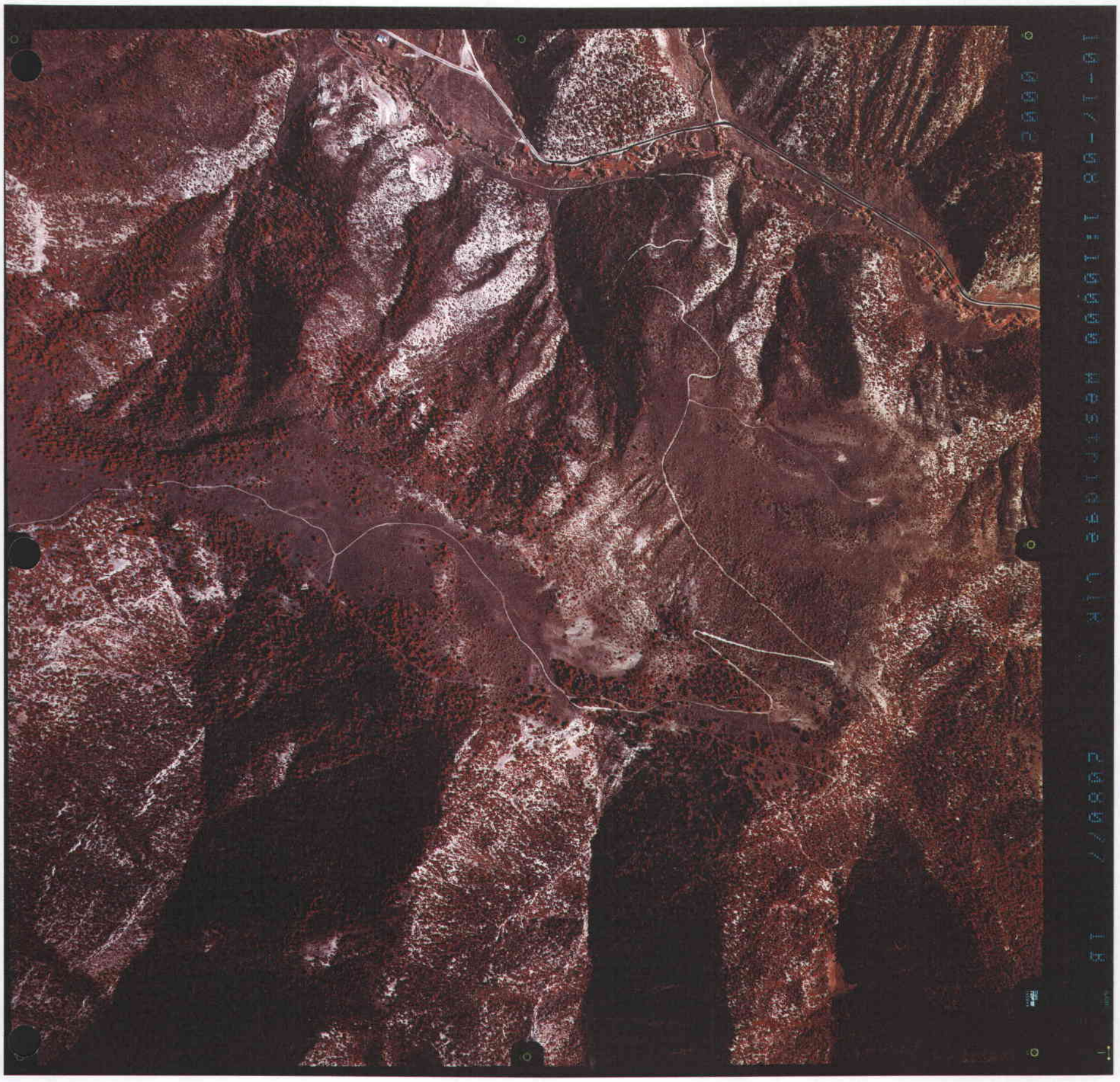

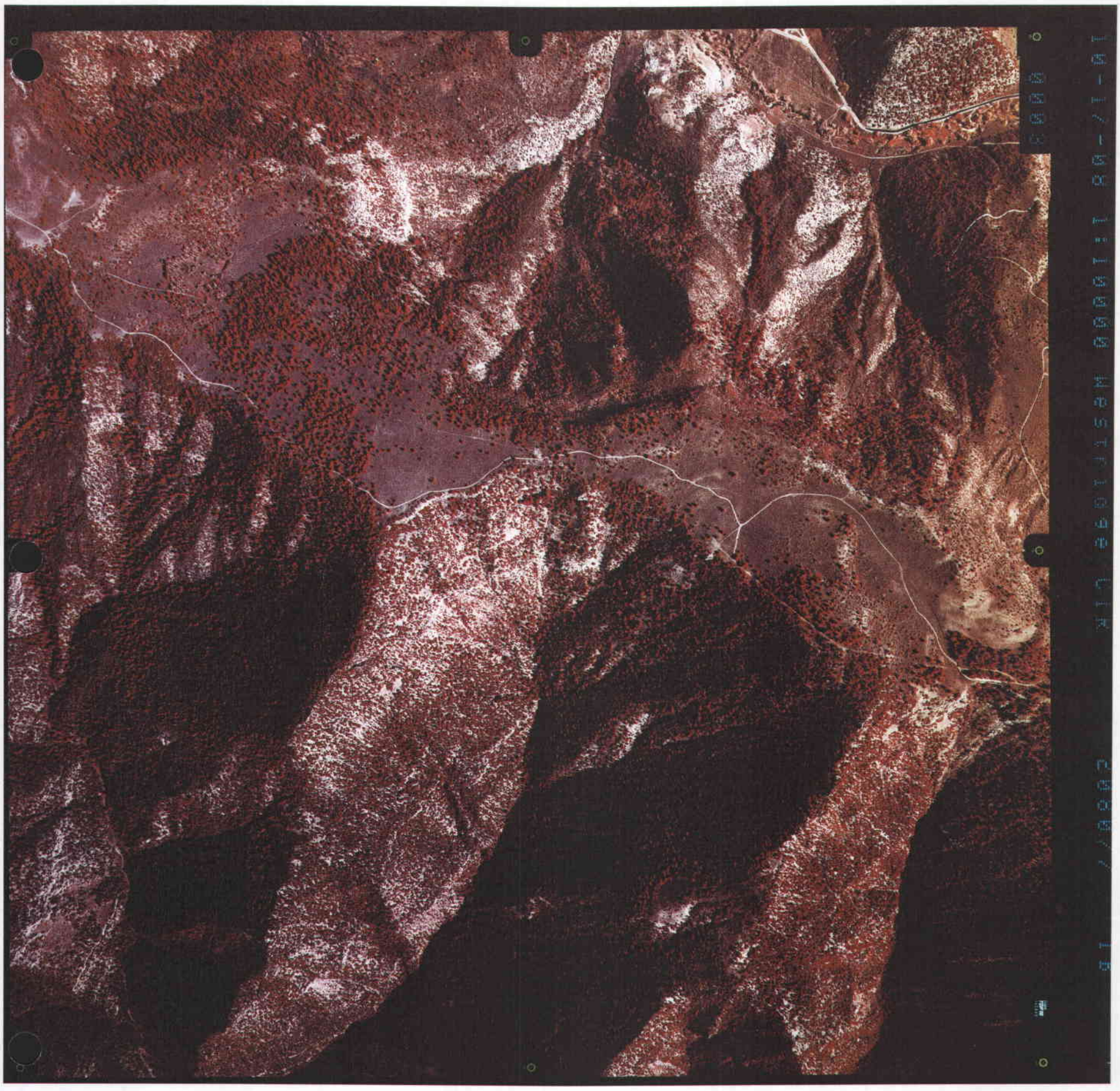
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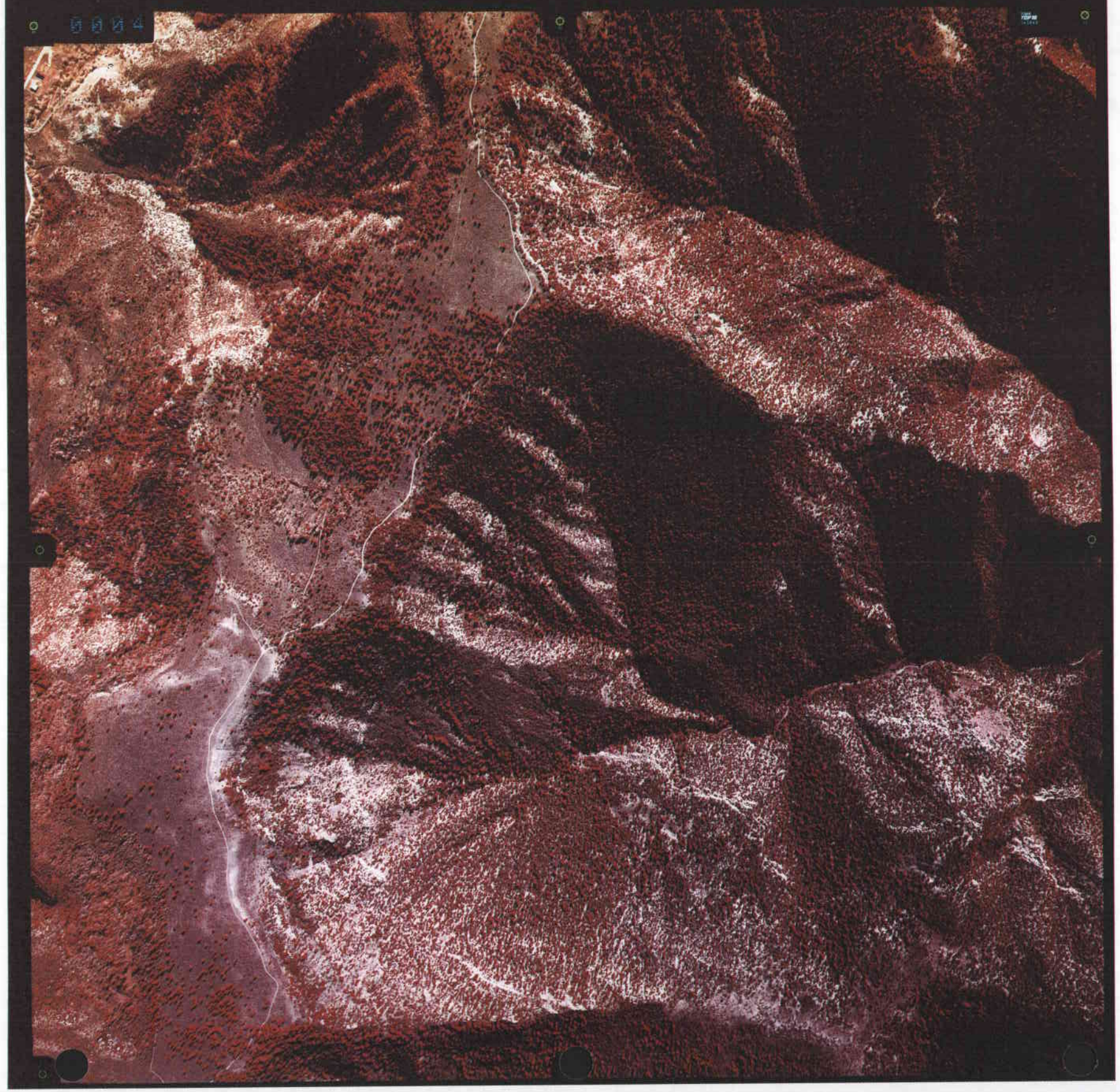

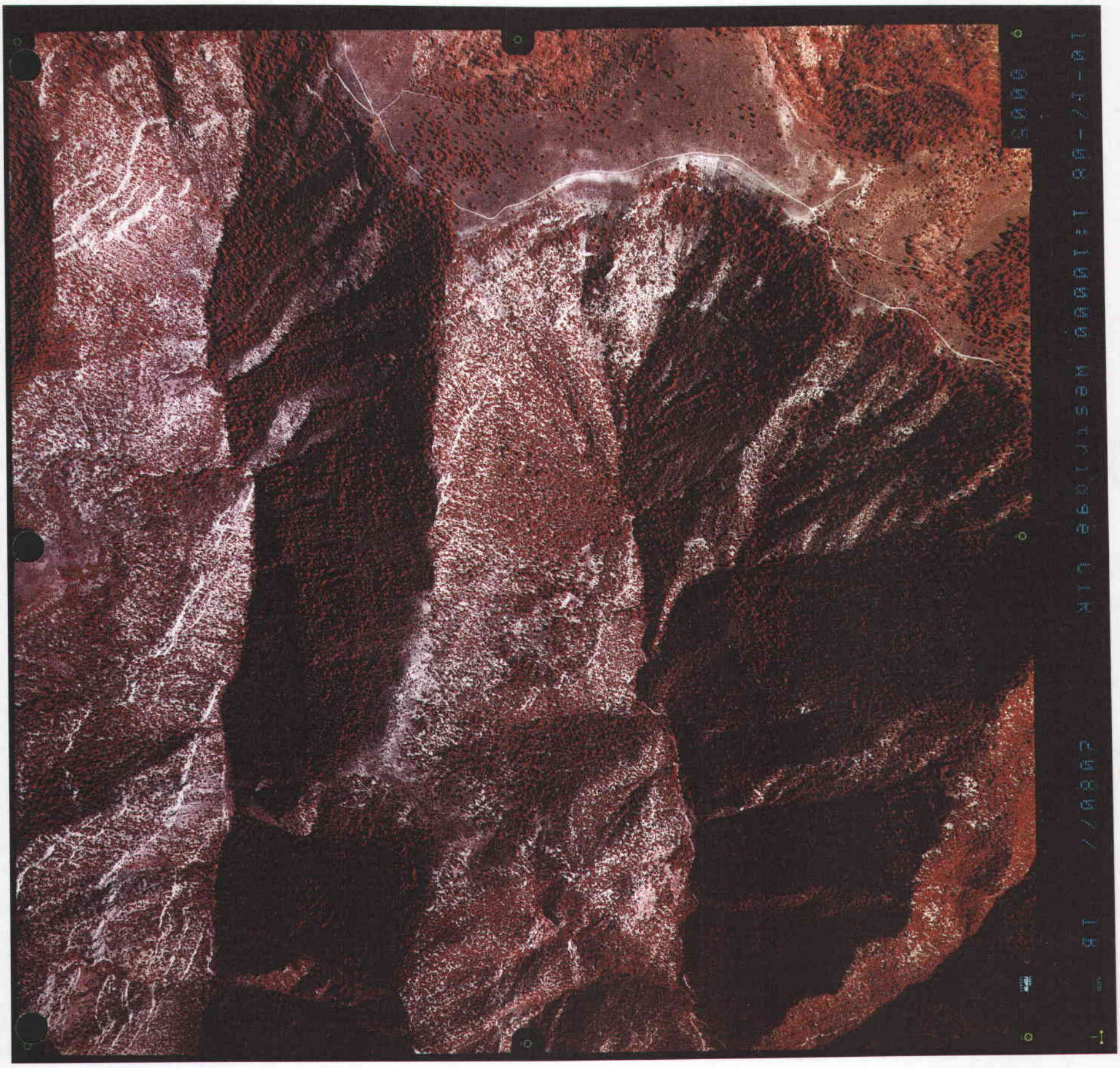

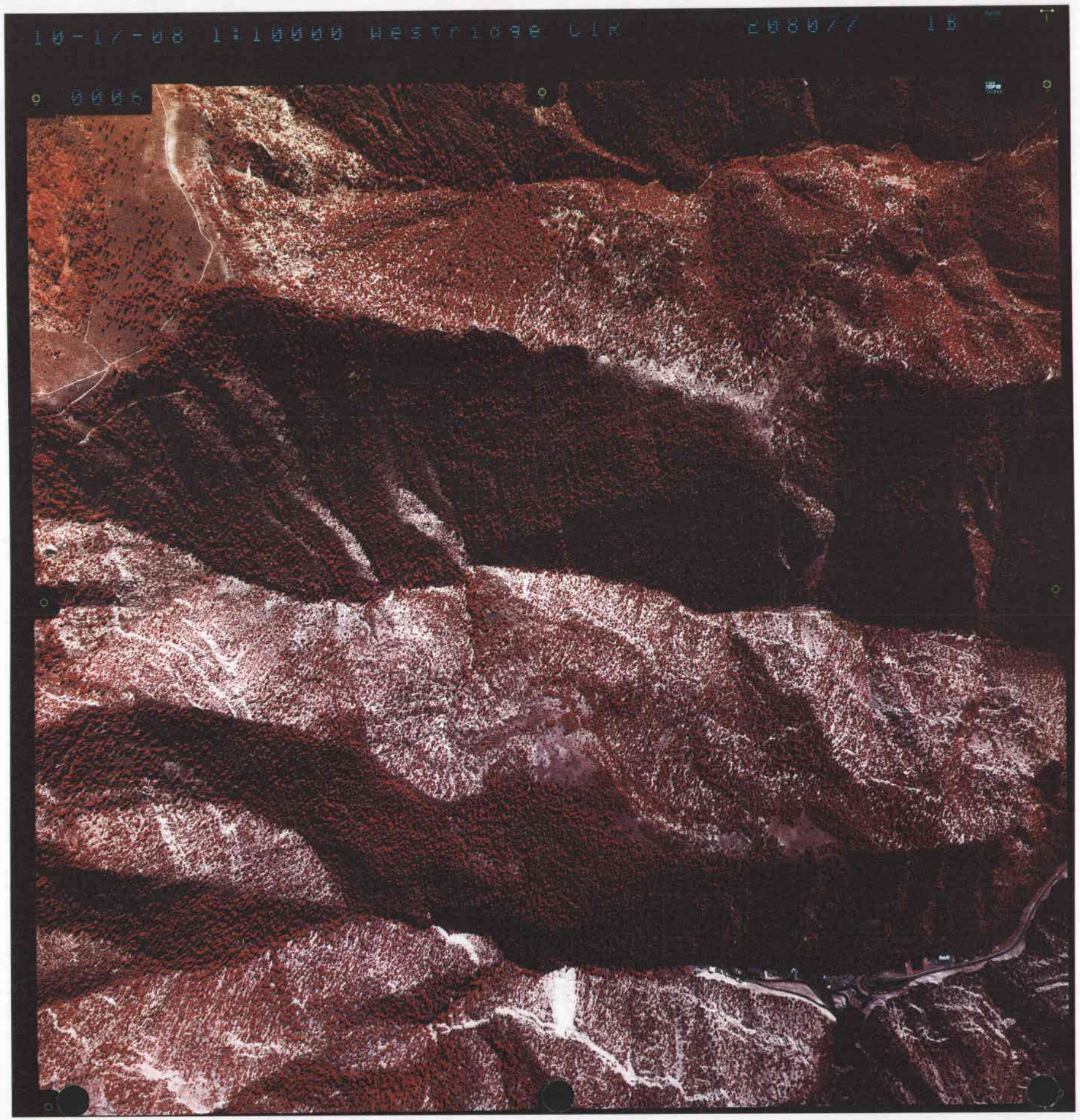
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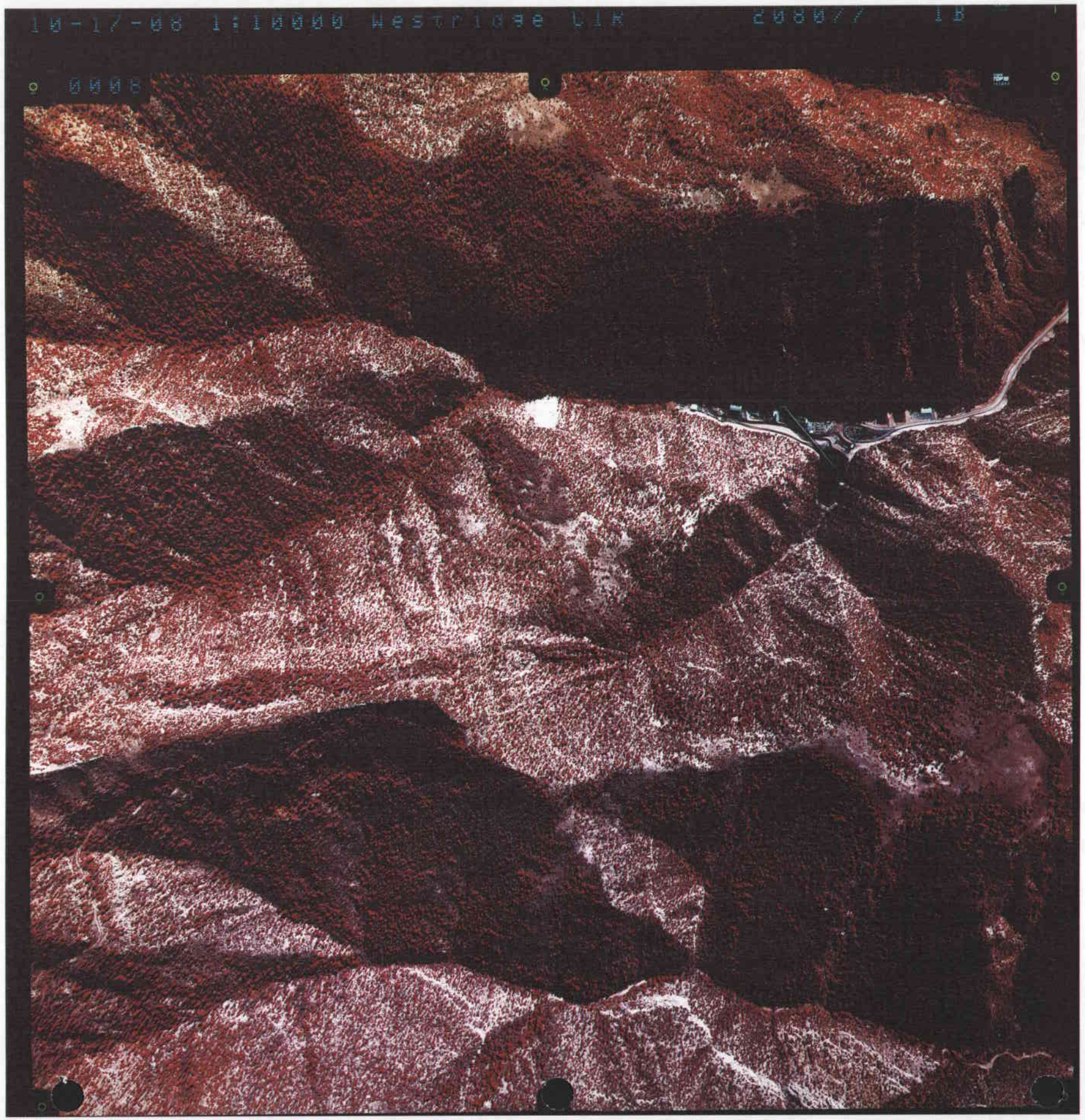
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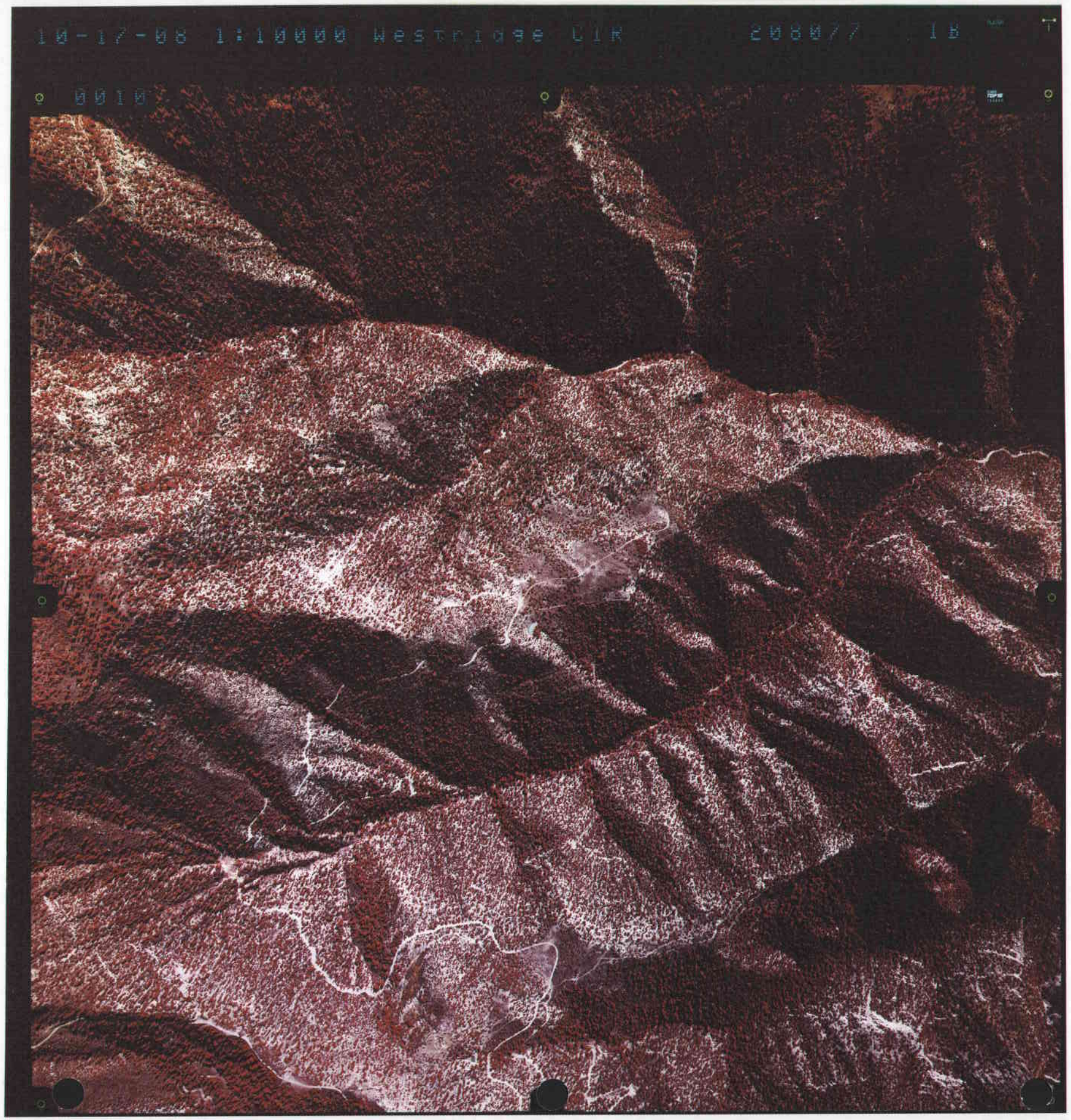
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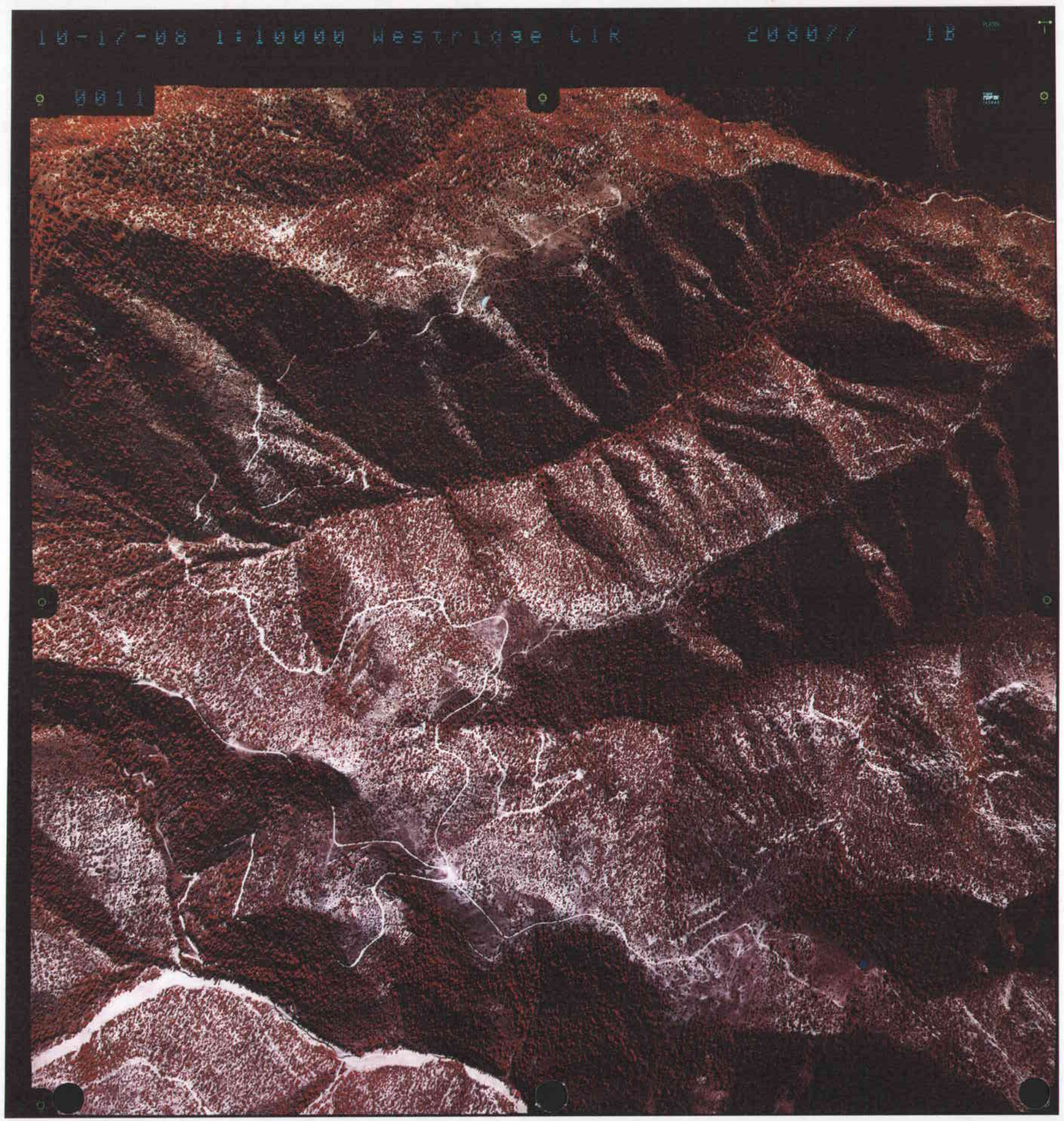
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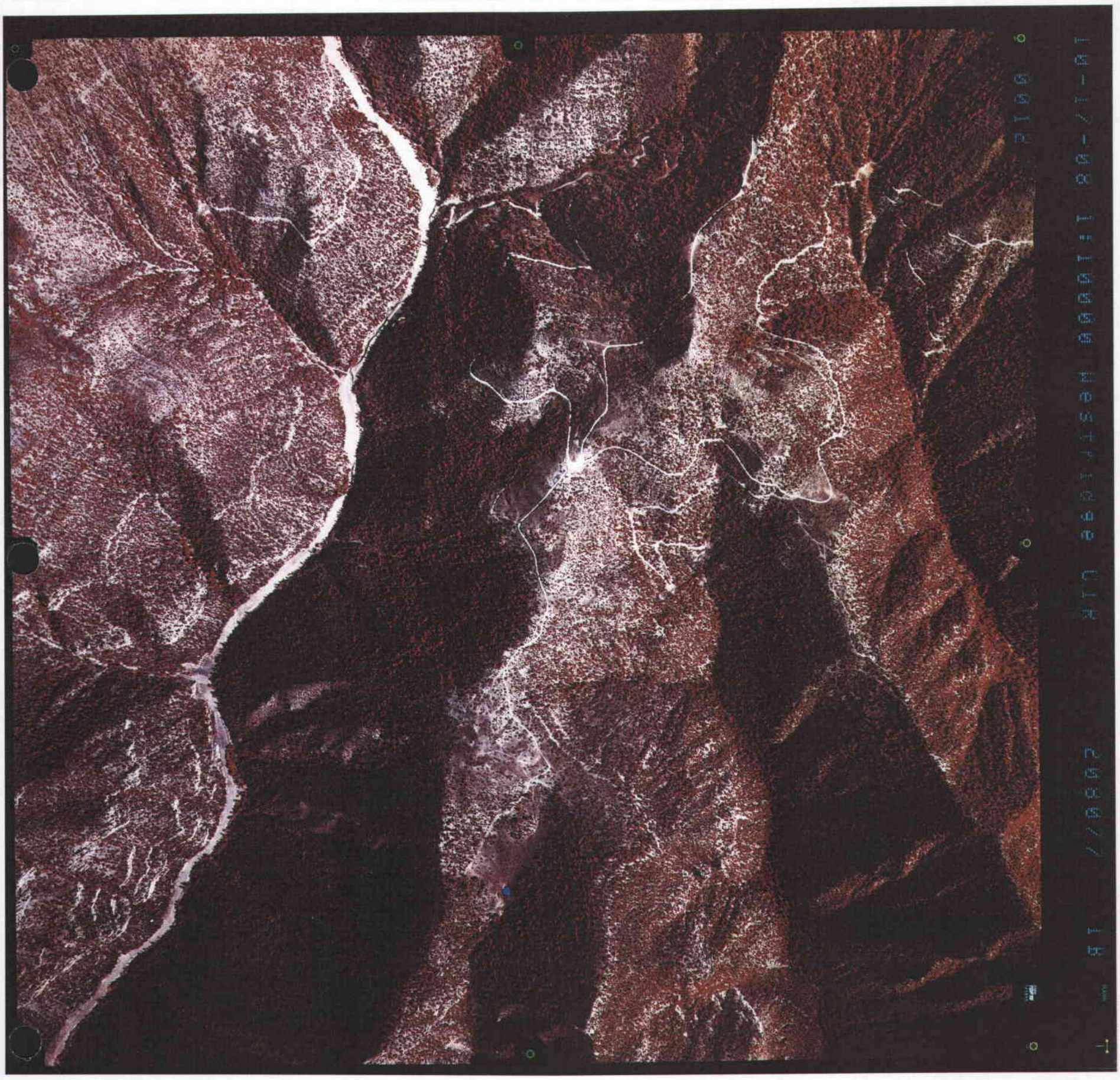
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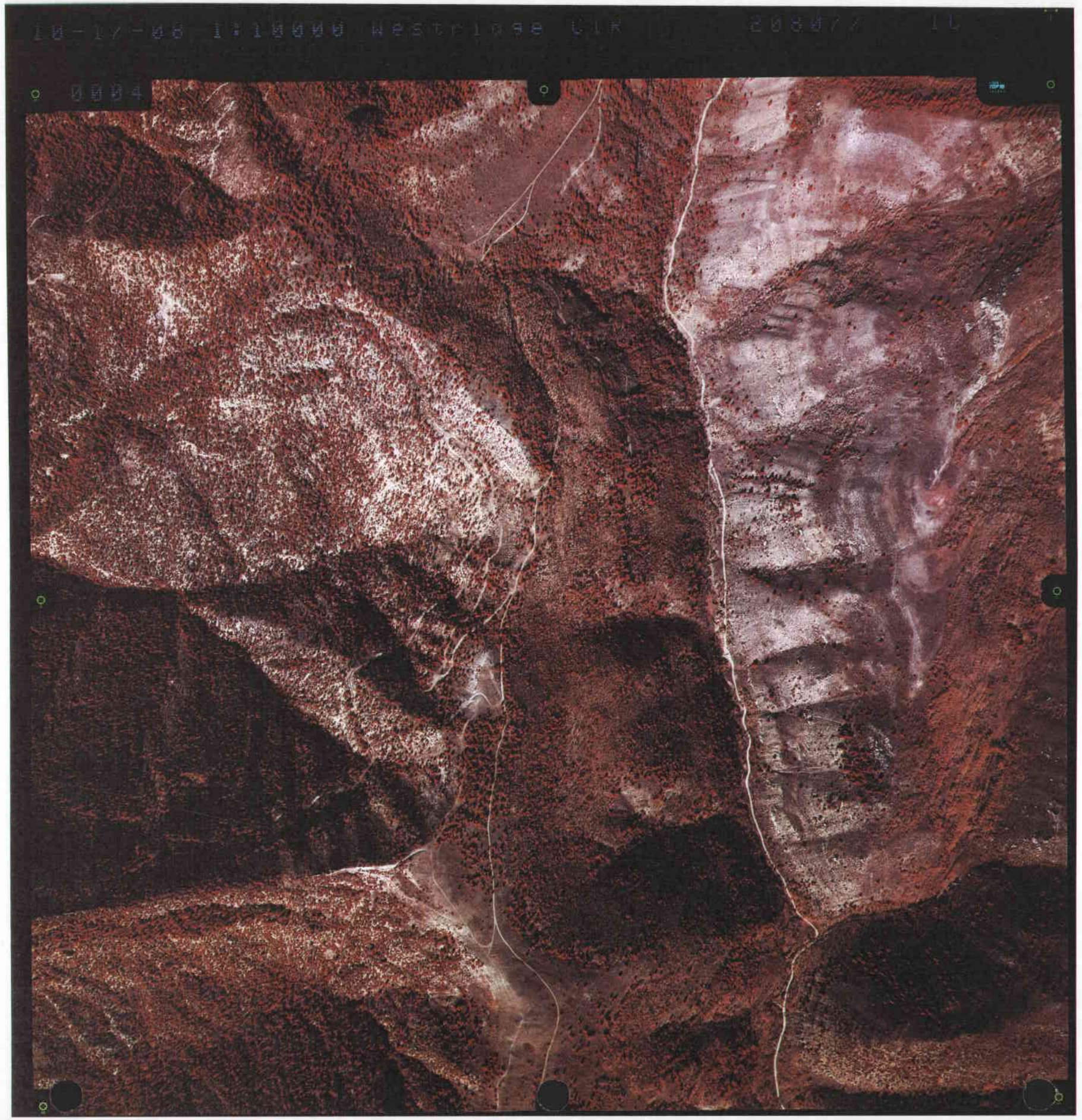
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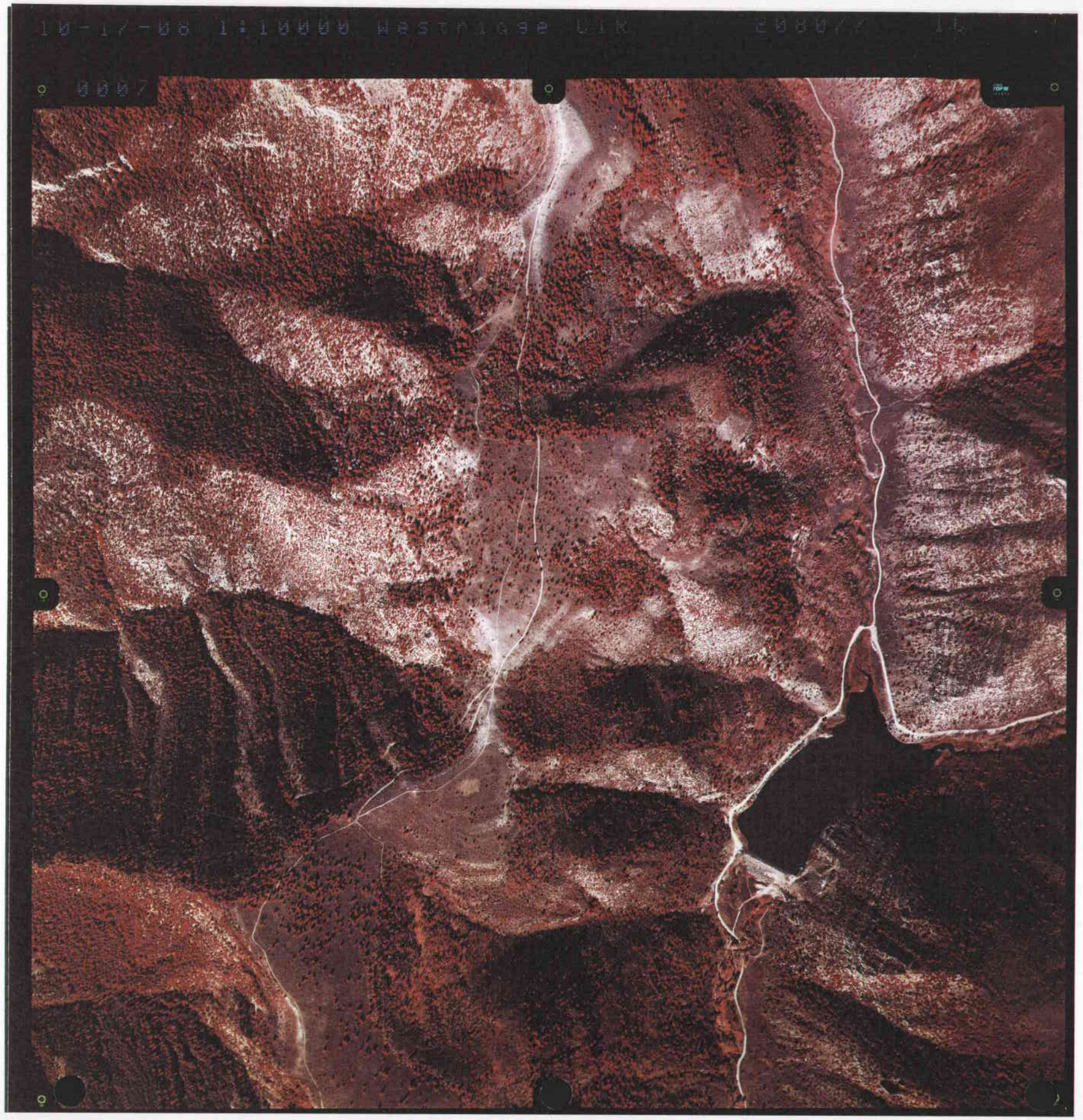
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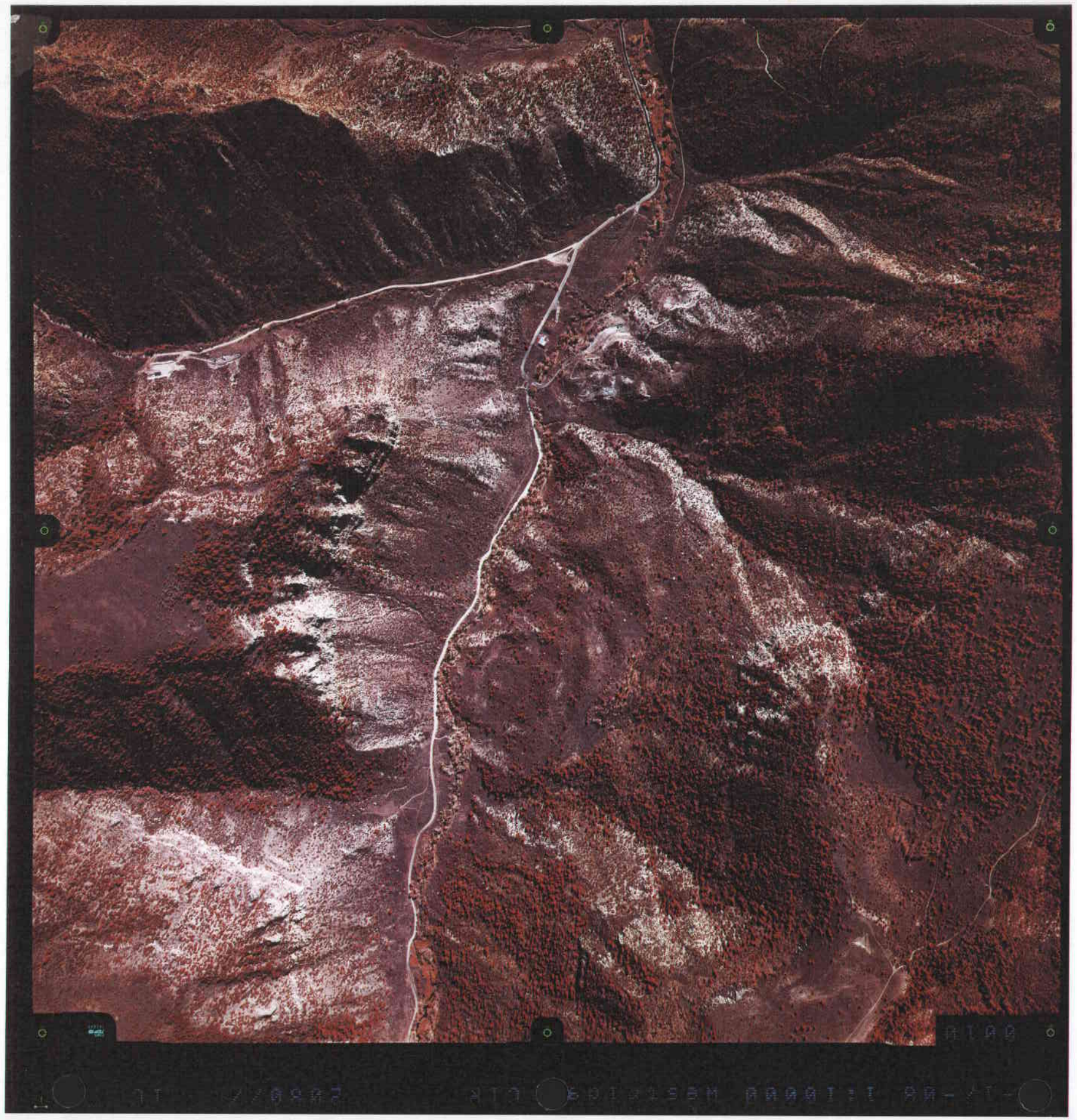

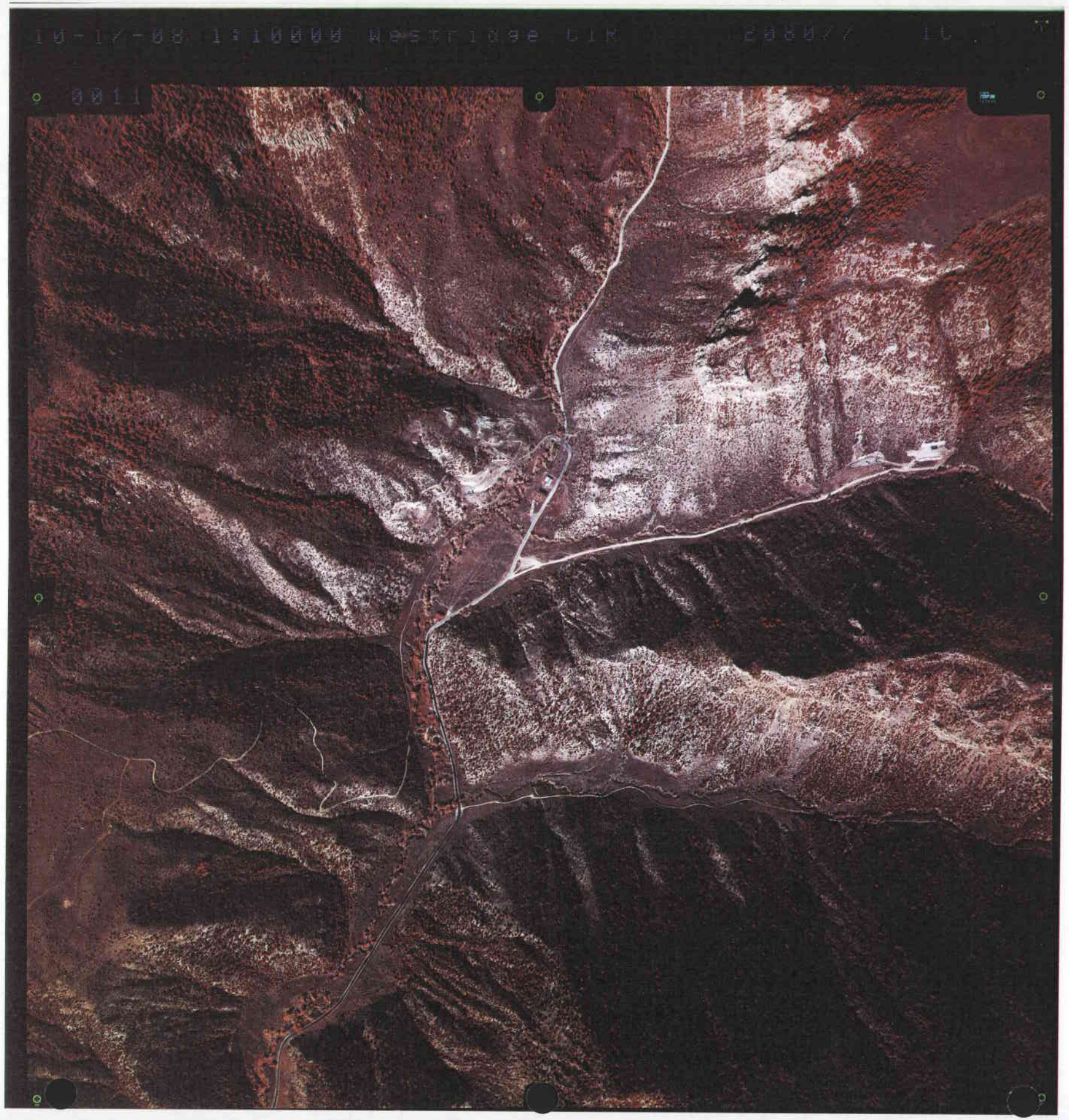
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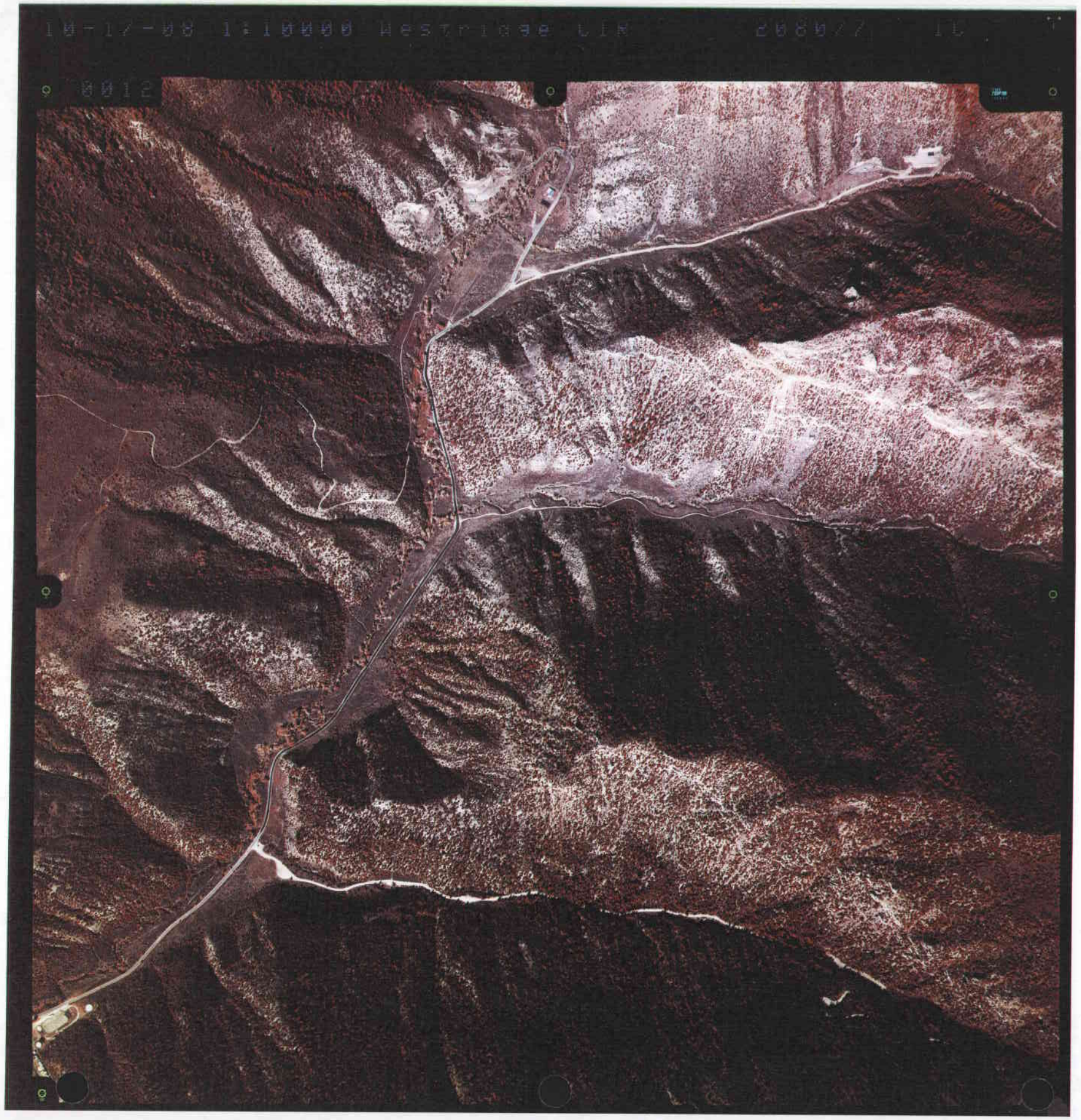
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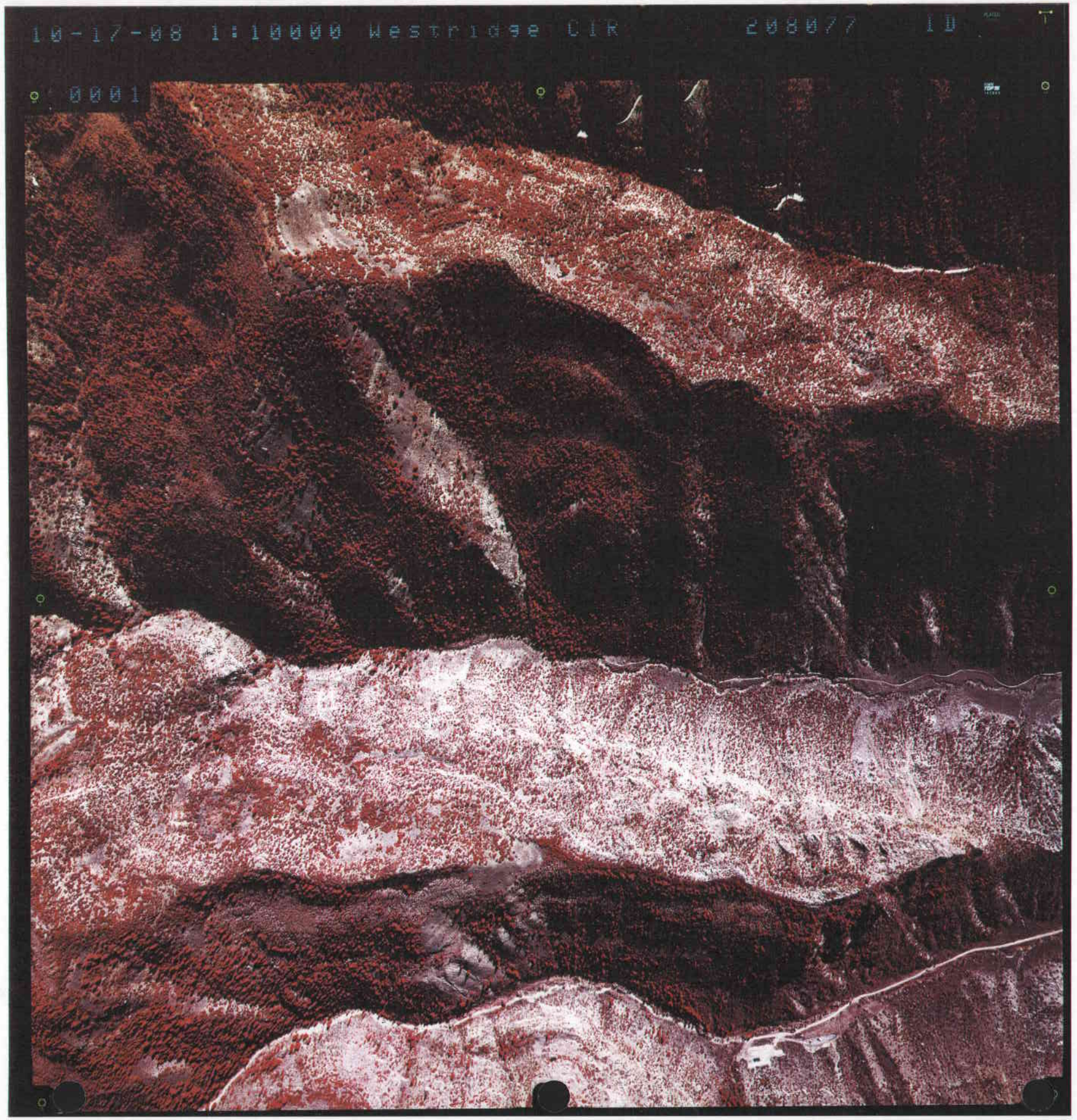
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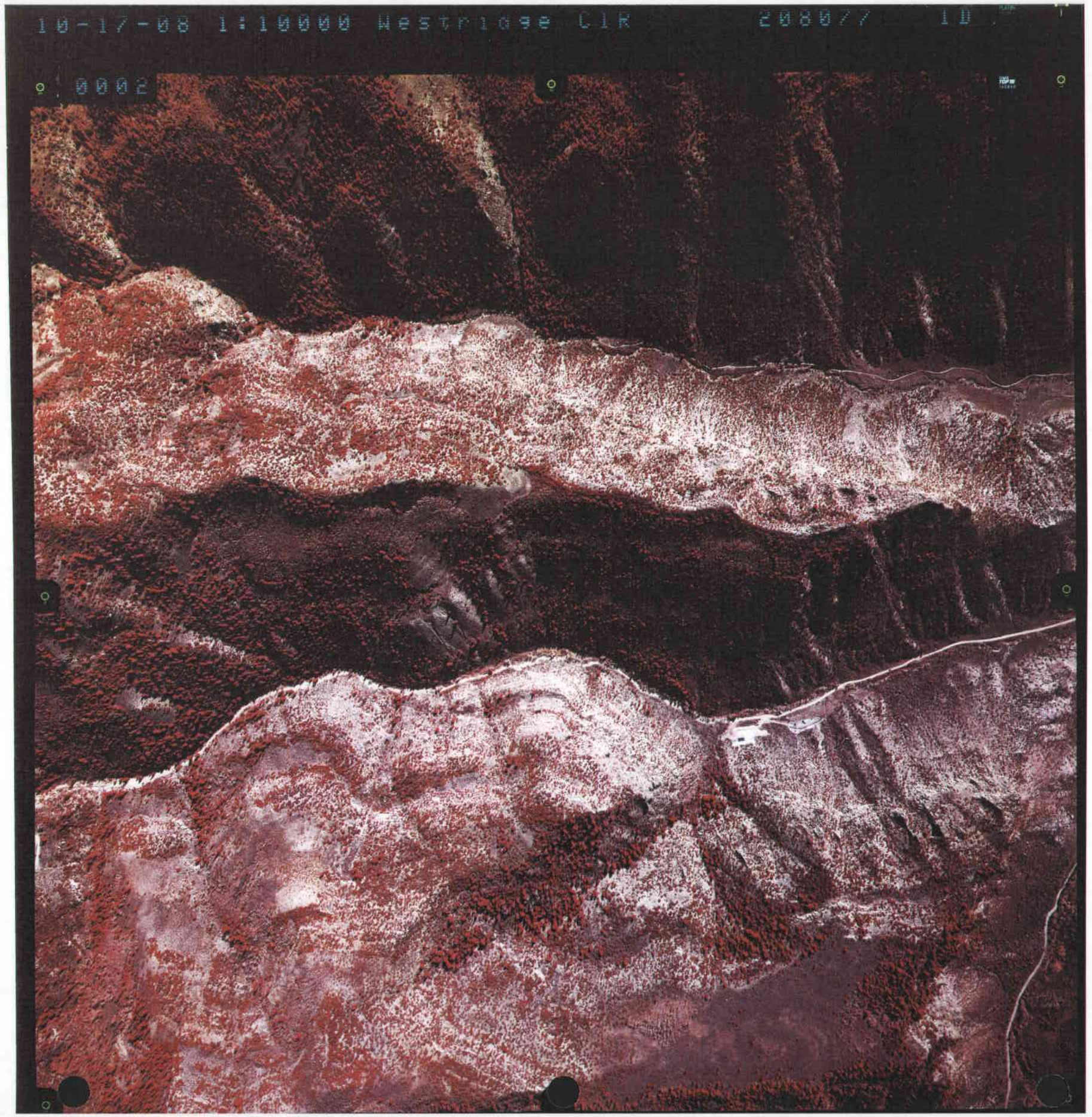
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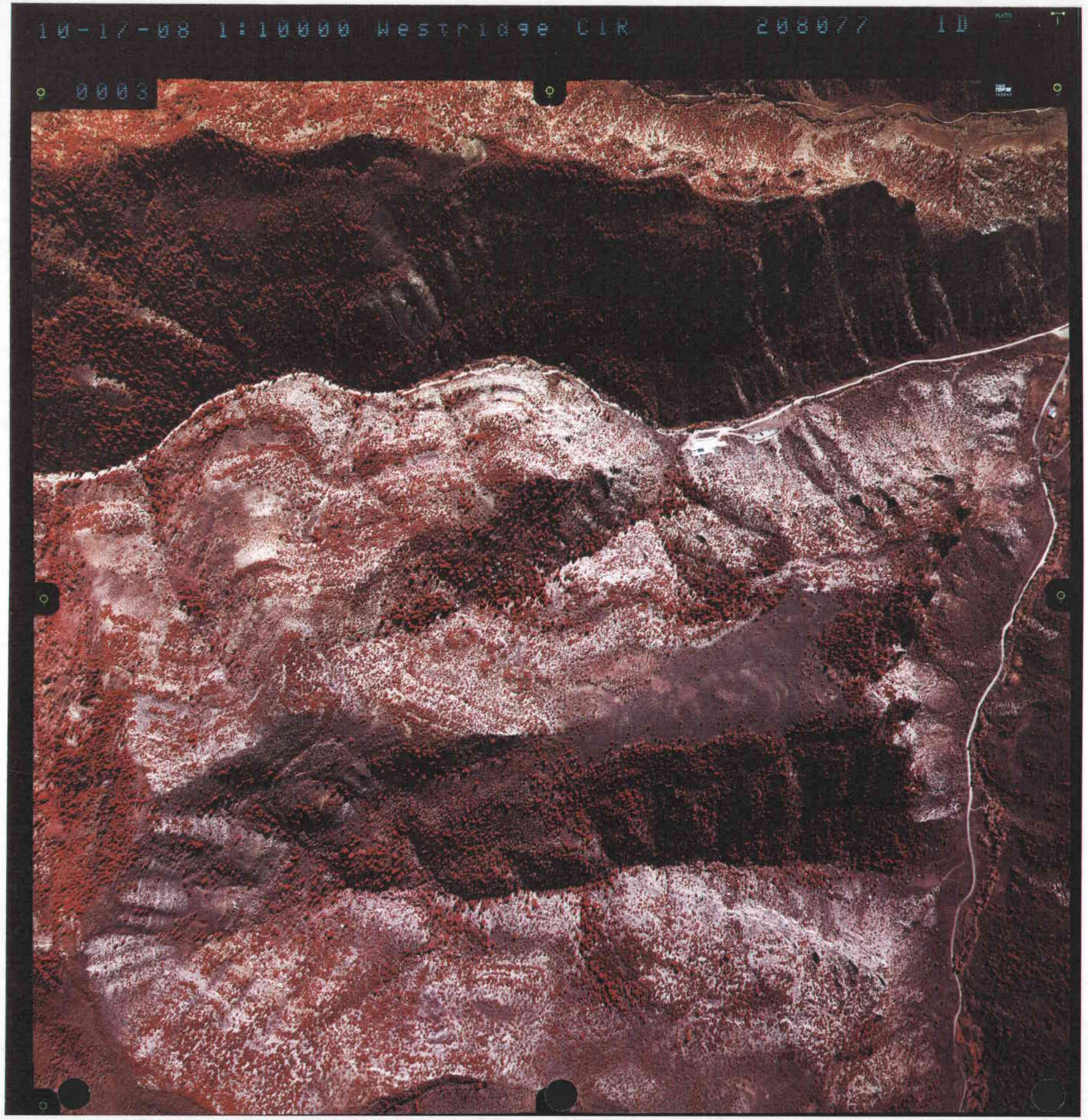
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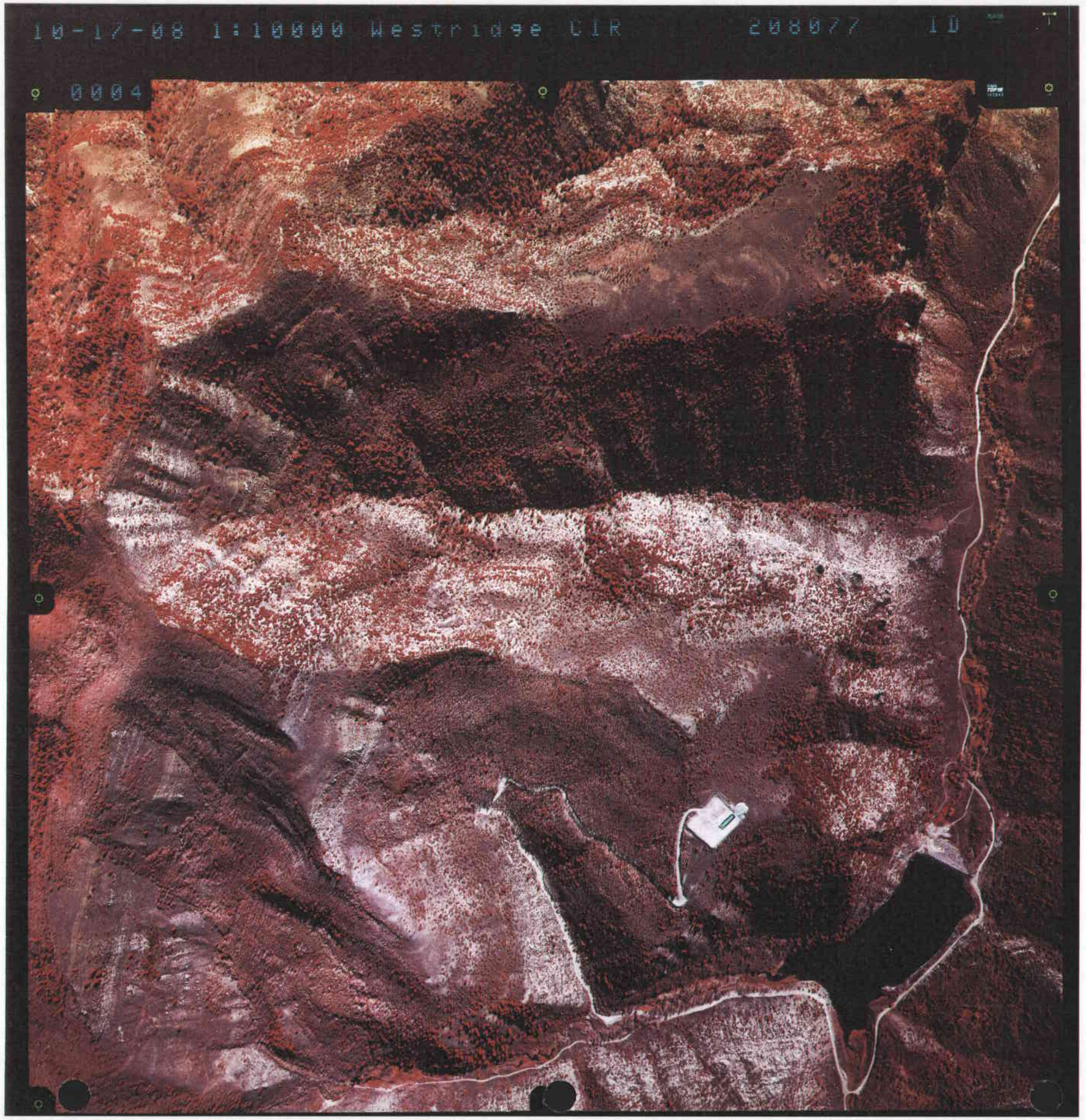
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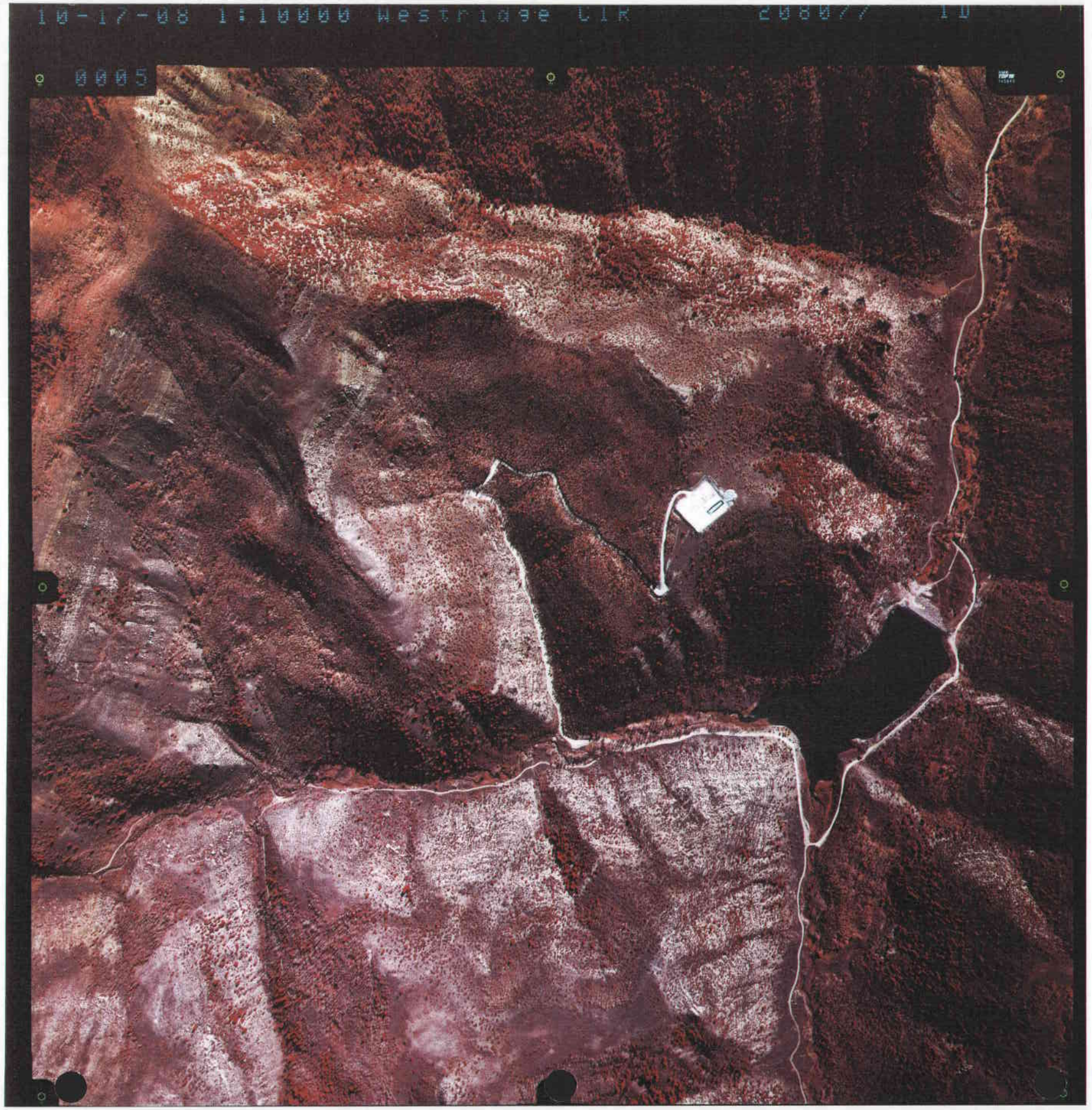

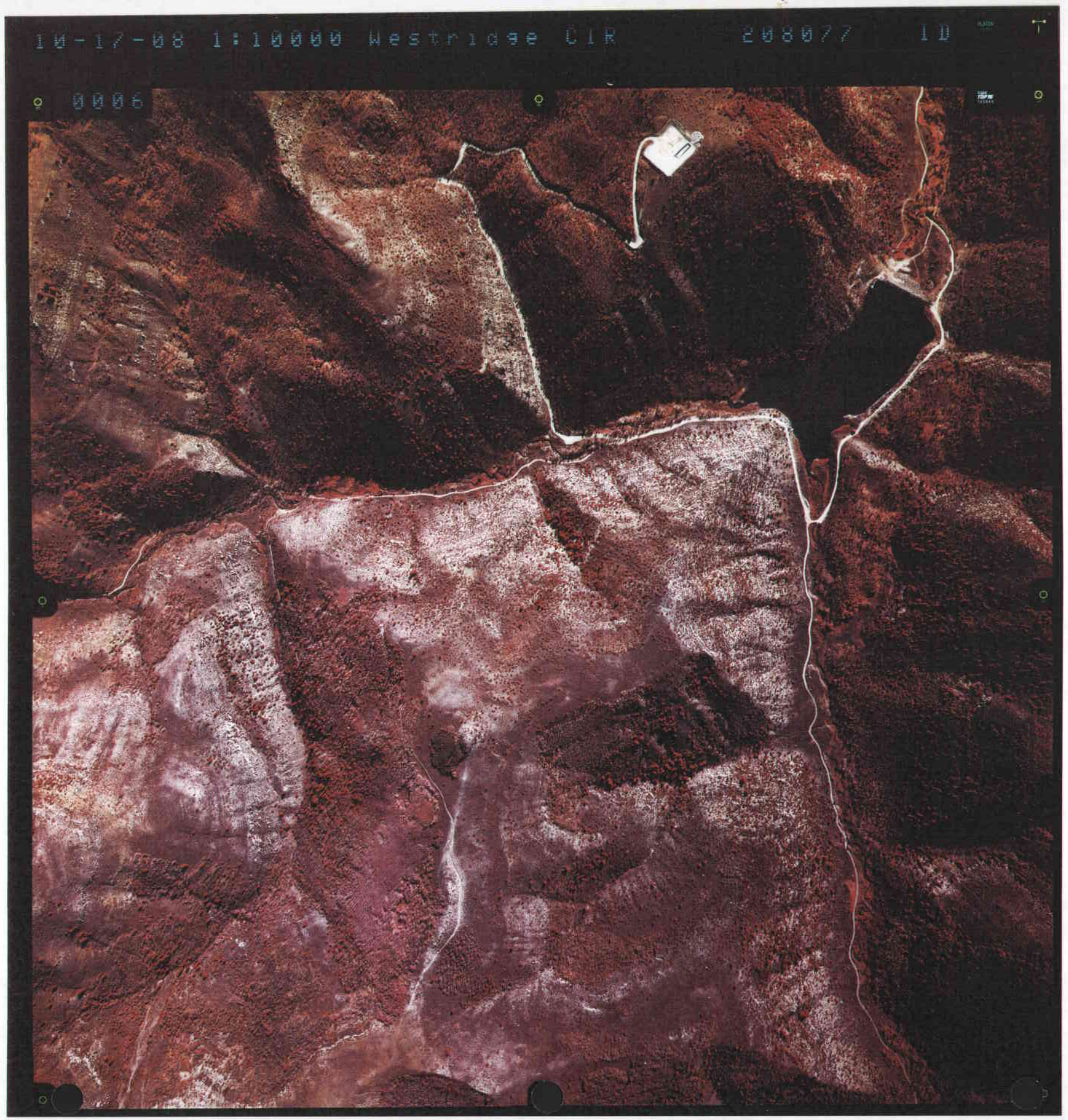
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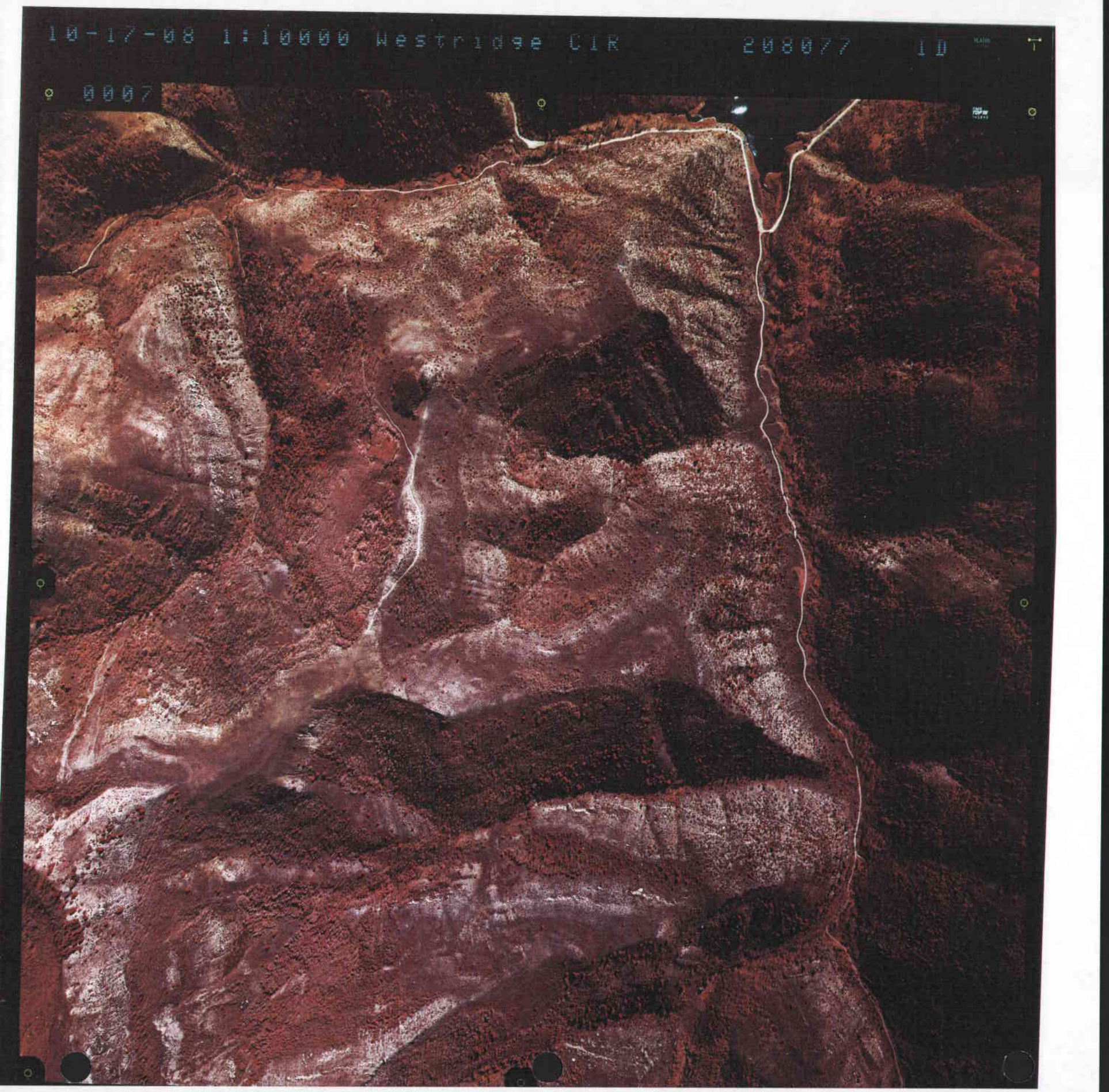
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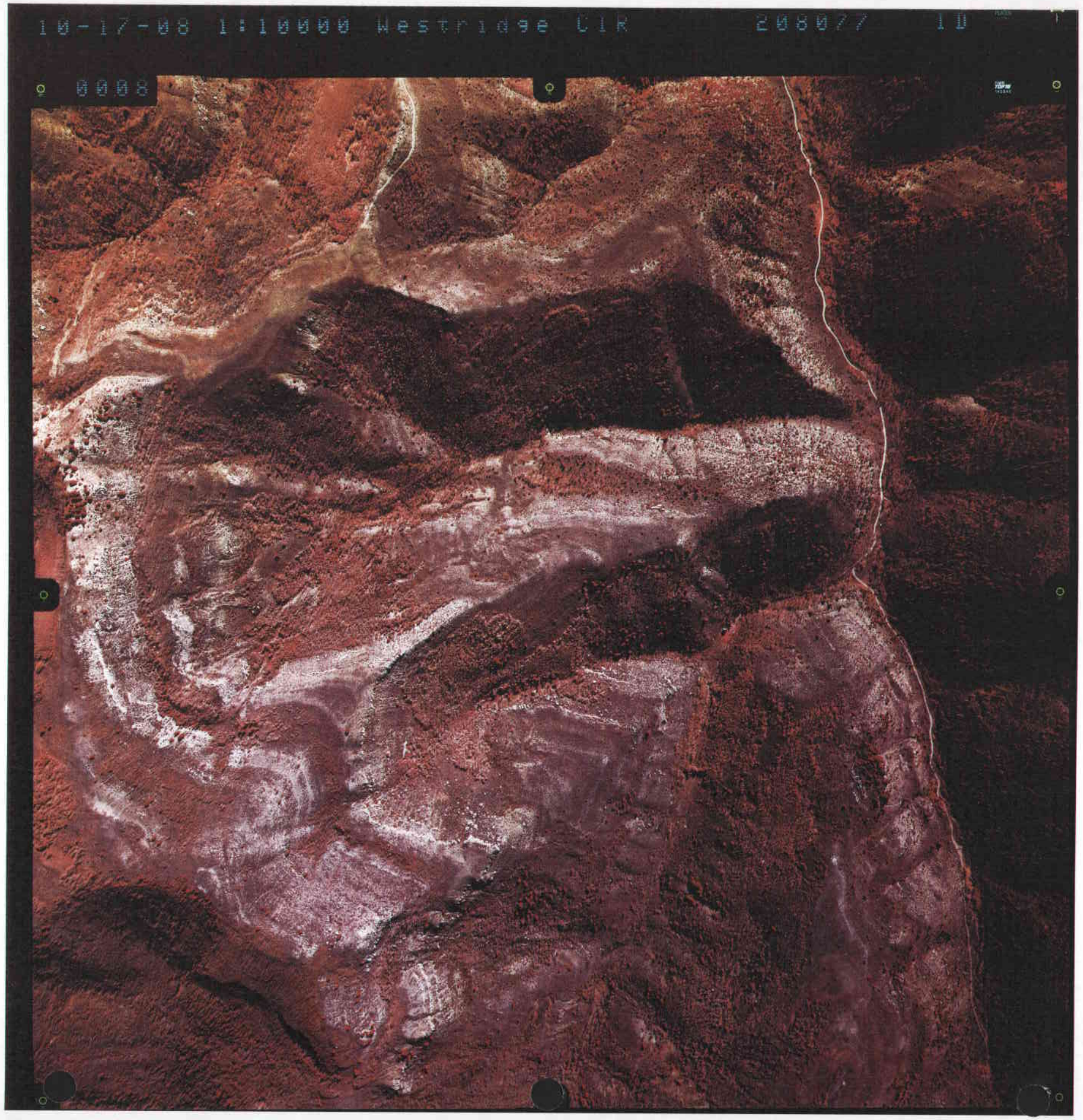
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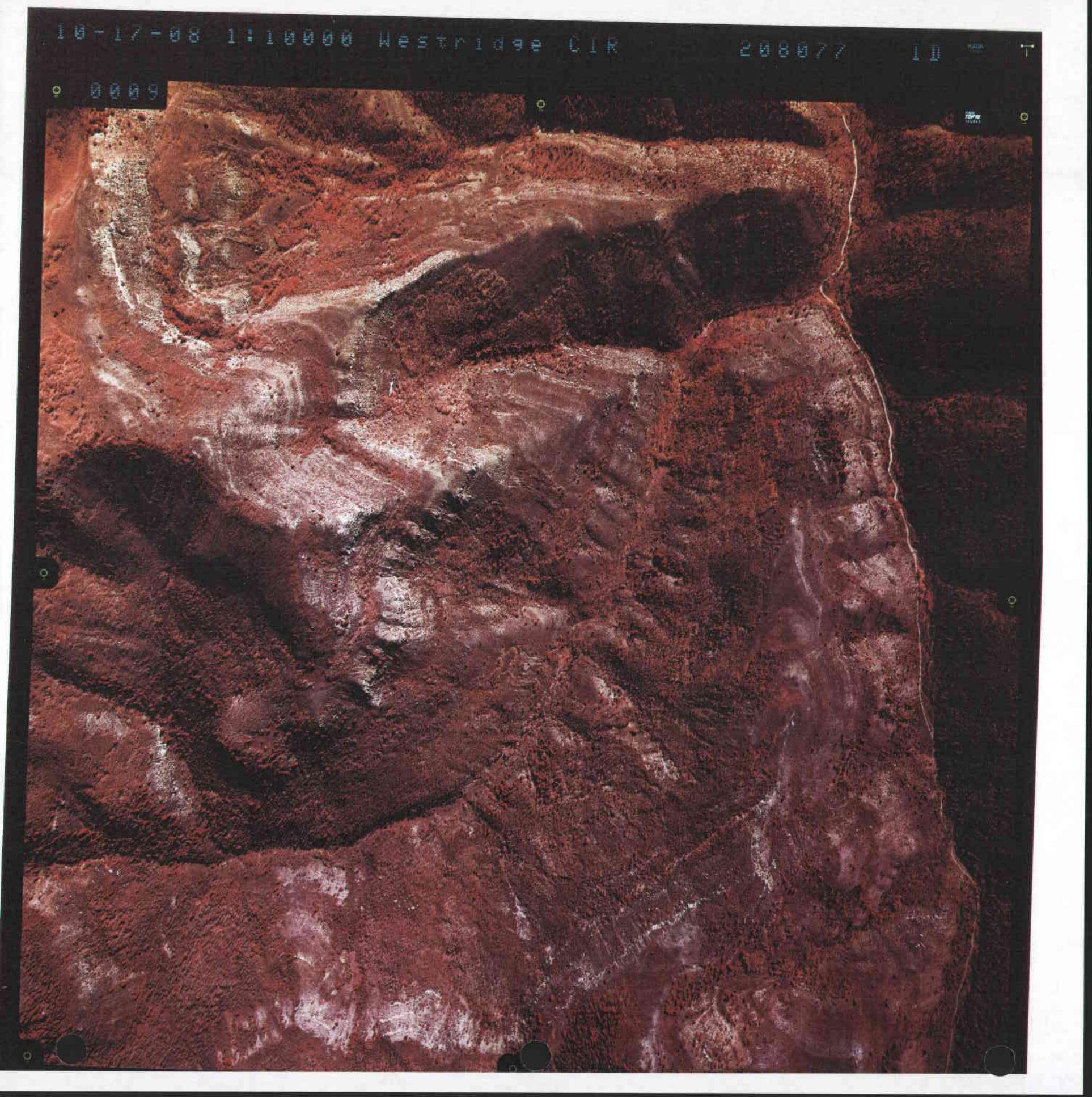
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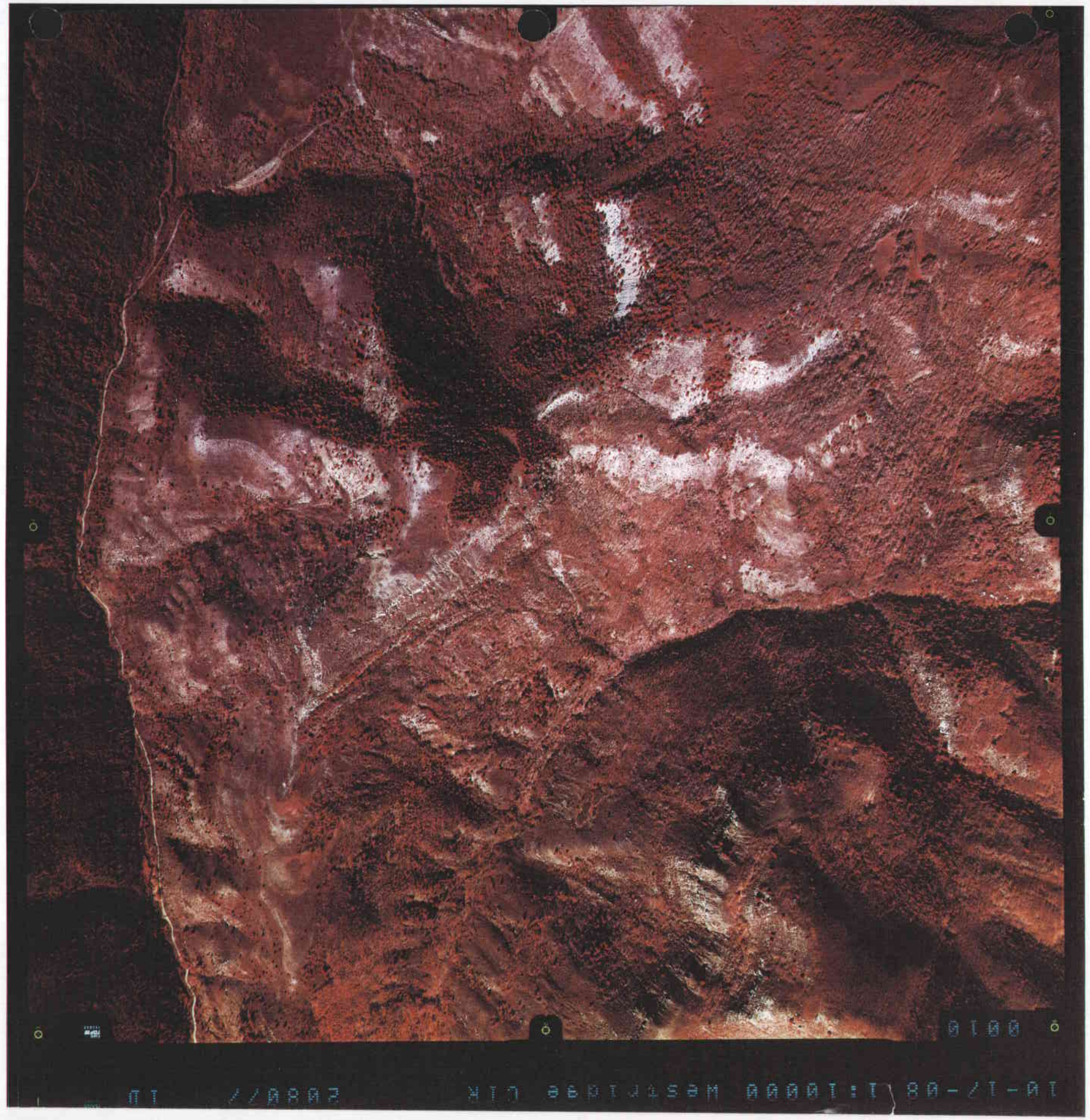

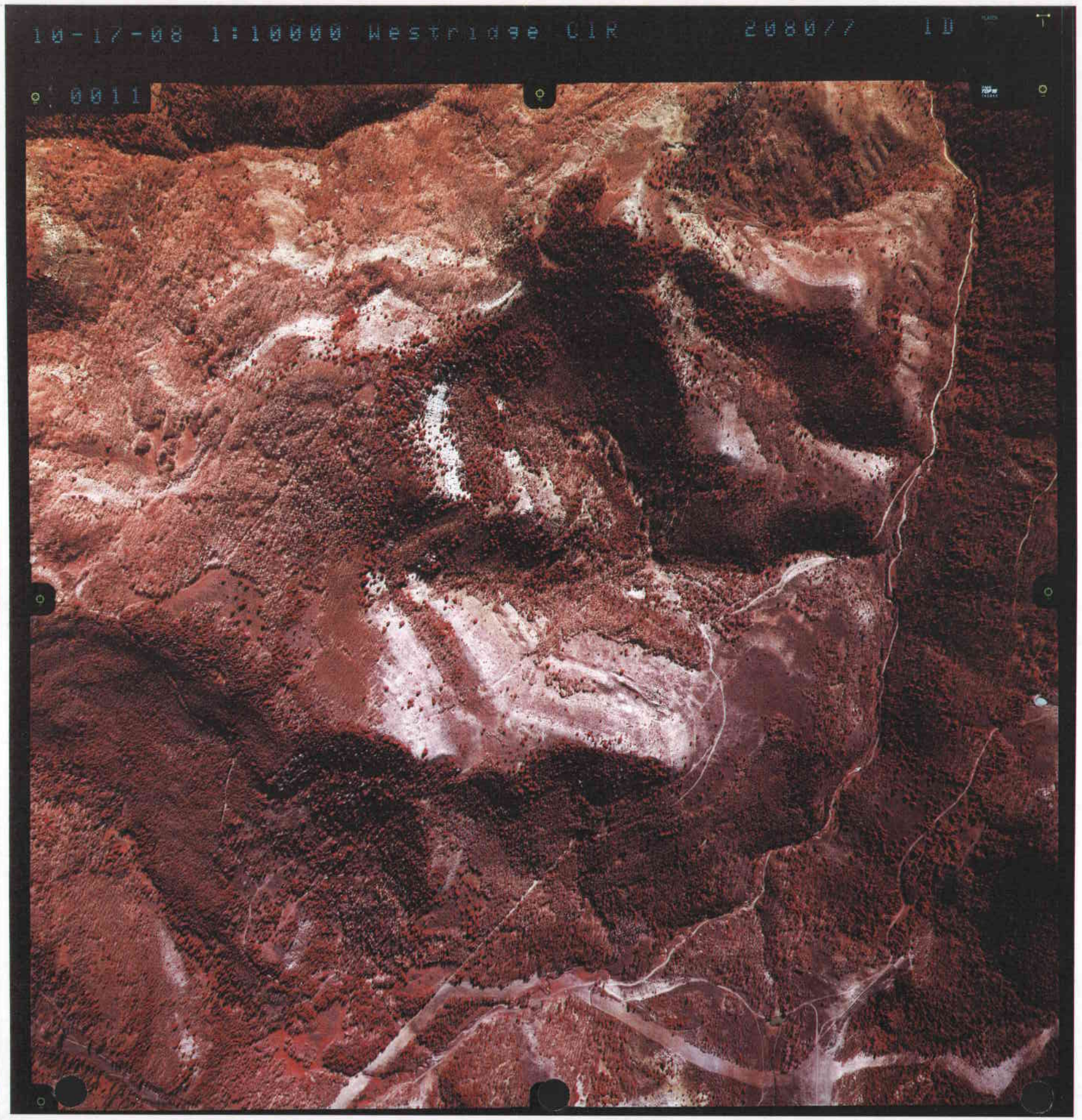
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