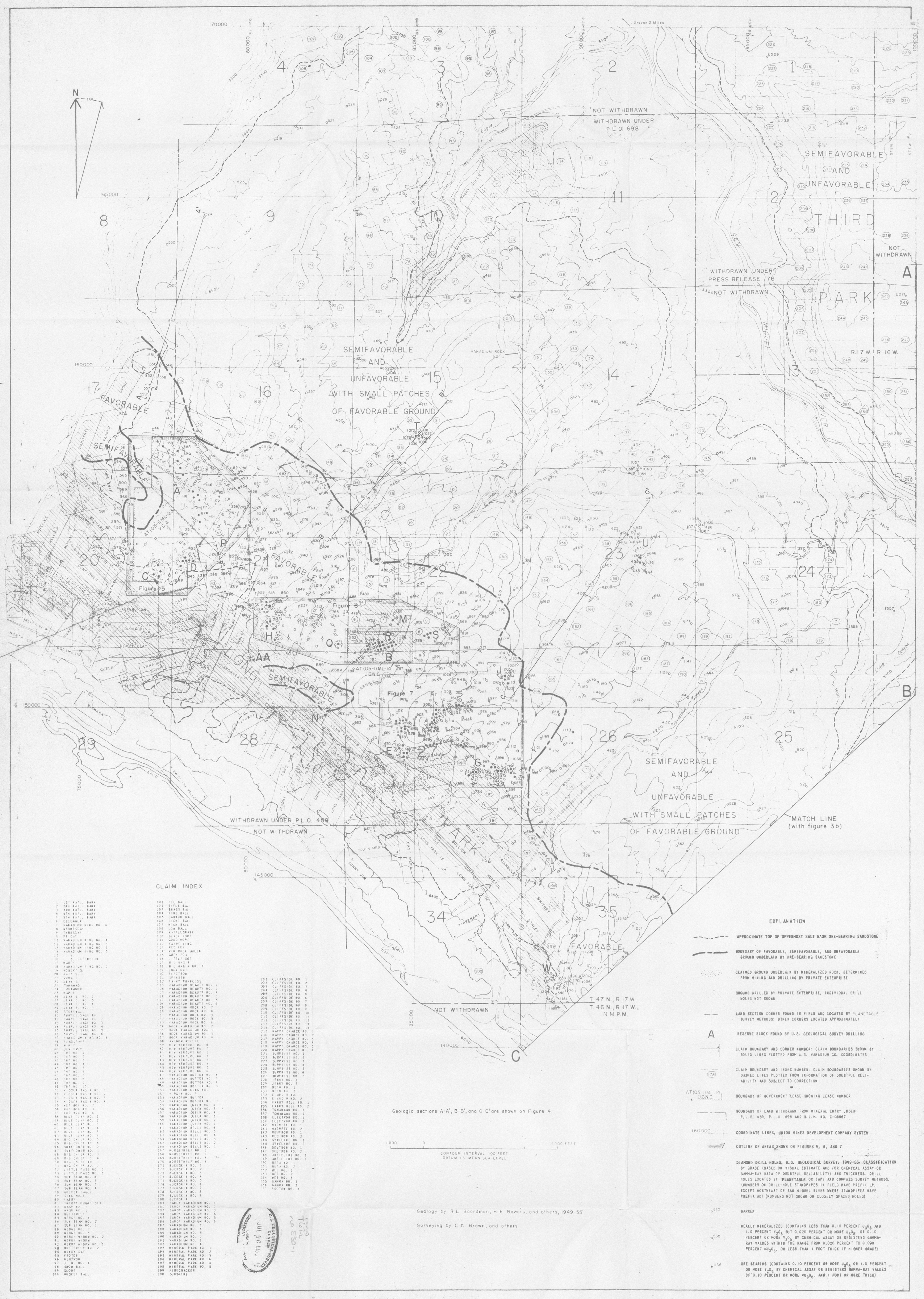

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197	MINERAL PARK NO. 4
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201	CLIFFSIDE NO. 1
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203	CLIFFSIDE NO. 3
204	CLIFFSIDE NO. 4
205	CLIFFSIDE NO. 5
206	CLIFFSIDE NO. 6
207	CLIFFSIDE NO. 7
208	CLIFFSIDE NO. 8
209	CLIFFSIDE NO. 9
210	CLIFFSIDE NO. 10
211	CLIFFSIDE NO. 11
212	CLIFFSIDE NO. 12
213	CLIFFSIDE NO. 13
214	CLIFFSIDE NO. 14
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217	HAPPY CHANCE NO. 3
218	HAPPY CHANCE NO. 4
219	HAPPY CHANCE NO. 5
220	HAPPY CHANCE NO. 6
221	SURPRISE NO. 1
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224	SURPRISE NO. 4
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231	BETH NO. 2
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233	E AND M NO. 2
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235	FARRY BELL NO. 2
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237	TOMAHAWK NO. 2
238	ELECTRON NO. 1
239	ELECTRON NO. 2
240	MACHETE NO. 1
241	MACHETE NO. 2
242	NEUTRON NO. 1
243	NEUTRON NO. 2
244	STRCLINE NO. 1
245	STRCLINE NO. 2
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249	ARTICLINE NO. 2
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251	BETA NO. 2
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253	WEE NO. 2
254	WEE NO. 3
255	GAMMA NO. 1
256	GAMMA NO. 2
257	PROTON NO. 1

Geologic sections A-A', B-B', and C-C' are shown on Figure 4.

1000 0 4000 FEET
CONTOUR INTERVAL 100 FEET
DATUM IS MEAN SEA LEVEL

Geology by R.L. Boardman, H.E. Bowers, and others, 1949-55

Surveying by C.N. Brown, and others

EXPLANATION

APPROXIMATE TOP OF UPPERMOST SALT WASH ORE-BEARING SANDSTONE

BOUNDARY OF FAVORABLE, SEMIFAVORABLE, AND UNFAVORABLE GROUND UNDERLAIN BY ORE-BEARING SANDSTONE

CLAIMED GROUND UNDERLAIN BY MINERALIZED ROCK, DETERMINED FROM MINING AND DRILLING BY PRIVATE ENTERPRISE

GROUND DRILLED BY PRIVATE ENTERPRISE, INDIVIDUAL DRILL HOLES NOT SHOWN

LAND SECTION CORNER FOUND IN FIELD AND LOCATED BY PLANETABLE SURVEY METHODS: OTHER CORNERS LOCATED APPROXIMATELY

A — RESERVE BLOCK FOUND BY U.S. GEOLOGICAL SURVEY DRILLING

CLAIM BOUNDARY AND CORNER NUMBER: CLAIM BOUNDARIES SHOWN BY SOLID LINES PLOTTED FROM U.S. VANADIUM CO. COORDINATES

(178) — CLAIM BOUNDARY AND INDEX NUMBER: CLAIM BOUNDARIES SHOWN BY DASHED LINES PLOTTED FROM INFORMATION OF DOUBTFUL RELIABILITY AND SUBJECT TO CORRECTION

AT(05-1)ML-14 U.C.N.C. — BOUNDARY OF GOVERNMENT LEASE SHOWING LEASE NUMBER

BOUNDARY OF LAND WITHDRAWN FROM MINERAL ENTRY UNDER P.L.O. 459, P.L.O. 698 AND B.L.M. NO. C-08967

160000 — COORDINATE LINES, UNION MINES DEVELOPMENT COMPANY SYSTEM

OUTLINE OF AREAS SHOWN ON FIGURES 5, 6, AND 7

DIAMOND DRILL HOLES, U.S. GEOLOGICAL SURVEY, 1949-55. CLASSIFICATION BY GRADE (BASED ON VISUAL ESTIMATE AND /OR CHEMICAL ASSAY OR GAMMA-RAY DATA OF DOUBTFUL RELIABILITY) AND THICKNESS. DRILL HOLES LOCATED BY PLANETABLE OR TAPE AND COMPASS SURVEY METHODS. (NUMBERS ON DRILL-HOLE STANDPIPES IN FIELD HAVE PREFIX LP, EXCEPT NORTHEAST OF SAN MIGUEL RIVER WHERE STANDPIPES HAVE PREFIX UD) (NUMBERS NOT SHOWN ON CLOSELY SPACED HOLES)

520 — BARRER

560 — WEAKLY MINERALIZED (CONTAINS LESS THAN 0.10 PERCENT U_3O_8 AND 1.0 PERCENT V_2O_5 BUT 0.020 PERCENT OR MORE U_3O_8, OR 0.10 PERCENT OR MORE V_2O_5 BY CHEMICAL ASSAY OR REGISTERS GAMMA-RAY VALUES WITHIN THE RANGE FROM 0.020 PERCENT TO 0.099 PERCENT eU_3O_8, OR LESS THAN 1 FOOT THICK IF HIGHER GRADE)

1136 — ORE BEARING (CONTAINS 0.10 PERCENT OR MORE U_3O_8 OR 1.0 PERCENT OR MORE V_2O_5 BY CHEMICAL ASSAY OR REGISTERS GAMMA-RAY VALUES OF 0.10 PERCENT OR MORE eU_3O_8, AND 1 FOOT OR MORE THICK)

U.S. GEOLOGICAL SURVEY DENVER
JUL 18 1955
LIBRARY
GEOLOGICAL SURVEY
TEST
no. 550-1

Figure 3a. MAP OF THE SOUTHWESTERN PART OF THE URAVAN DISTRICT, MONTROSE COUNTY, COLO.

PLEASE RETURN TO POCKET IN BACK OF FOLDING VOLUME