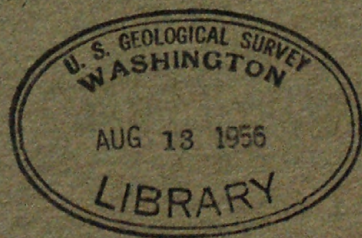


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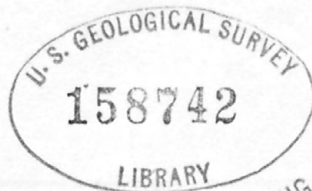
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AUG 16 1956

Geologic maps of the Eureka Gulch area,
Central City district,
Gilpin County, Colorado

by

P. K. Sims, E. W. Tooker, and F. W. Osterwald

U. S. Geological Survey

OPEN FILE REPORT

This report is preliminary and has
not been edited or reviewed for
conformity with Geological Survey
standards or nomenclature.

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Introduction

These maps are of the historic Eureka Gulch area of the Central City silver district, southern Gilpin County, Colorado. The mapping was done on behalf of the Division of Raw Materials of the U. S. Atomic Energy Commission, as part of a study of the Central City and Idaho Springs districts, and was designed to furnish geologic data for use in appraising the uranium reserves of the area.

A small tonnage of high grade uranium ore has been produced from the Central City and Idaho Springs districts. Most of this ore was produced prior to World War I and was used as a source of radium. The principal uranium-bearing mineral is pitchblende, which occurs in fissure veins associated with sulfide minerals.

These maps show the general geology, the trends of the fissure veins, and the distribution of mine workings and uranium deposits in Eureka Gulch area.

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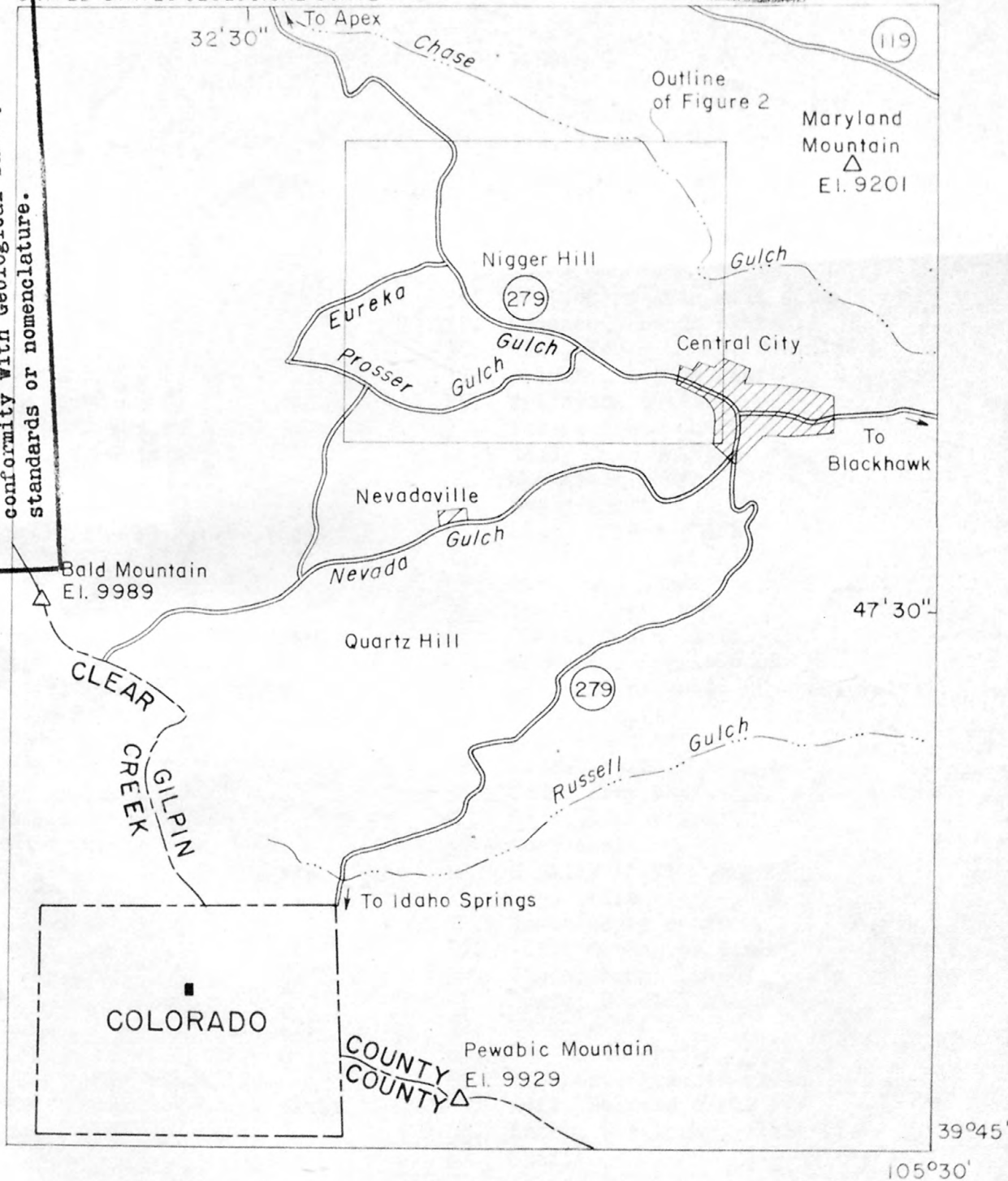


FIGURE I.- INDEX MAP SHOWING LOCATION OF EUREKA
GULCH AREA, GILPIN COUNTY, COLORADO

0 1/2 1 Mile
Datum is mean sea level

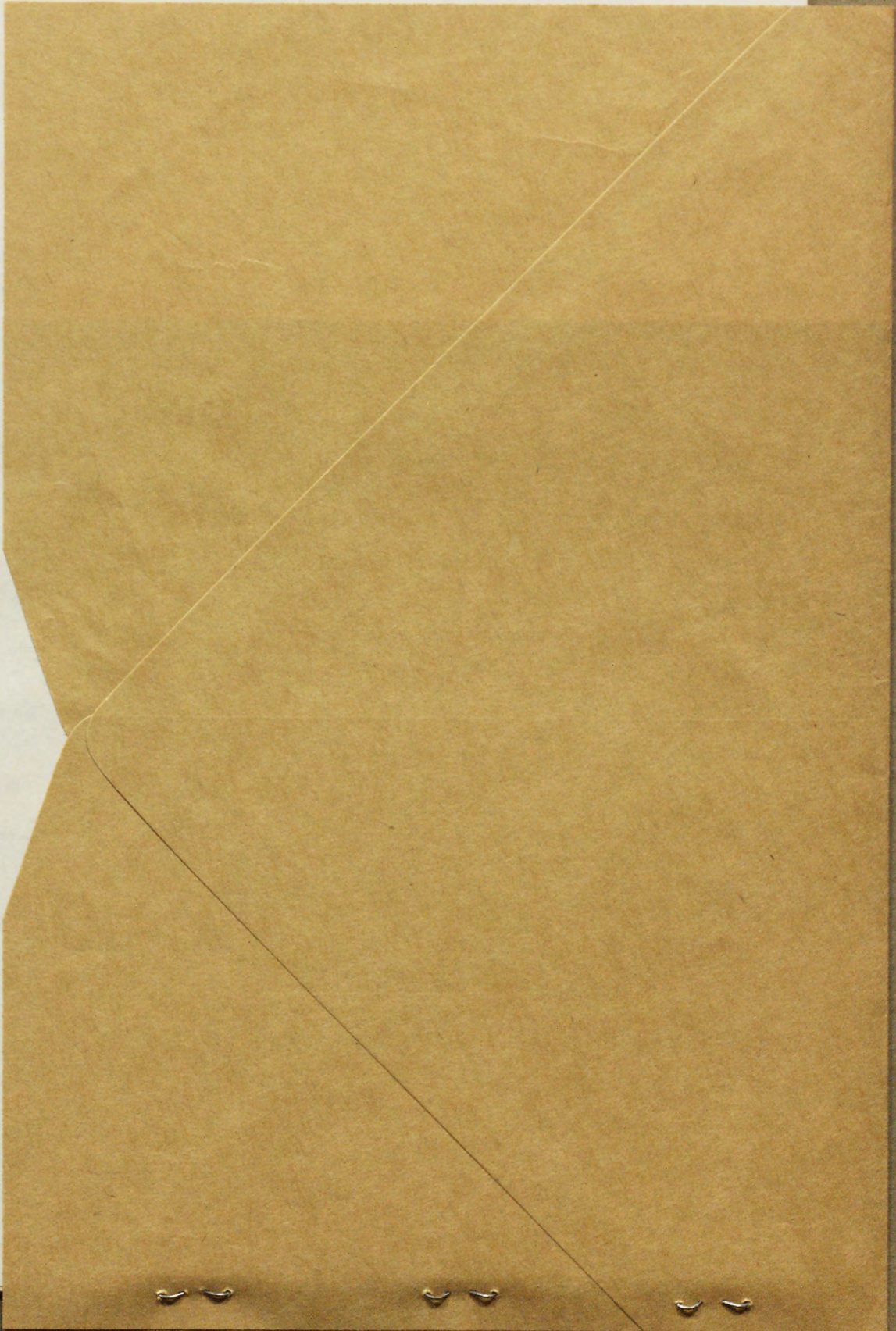


TABLE TO ACCOMPANY FIGURE 2

List of principal shafts and adits, Eureka Gulch area,
Central City district, Colorado

- | | |
|--------------------------------|--------------------------------------|
| 1. Monitor shaft | 34. Adit, Rara Avis mill site |
| 2. Spur Daisy shaft | 35. Prospect, Louis claim |
| 3. Boodle shaft | 36. Adit, Kohinoor No. 2 claim |
| 4. Bon Ton shaft | 37. Columbia Avenue shaft |
| 5. Maggie M shaft | 38. Arlington shaft |
| 6. Carroll shaft | 39. Independence shaft |
| 7. Claire Marie shaft | 40. Ready Cash shaft |
| 8. Two Sisters shaft | 41. Roosevelt shaft |
| 9. R.H.D. shaft | 42. Essex shaft |
| 10. McKay shaft, R.H.D. claim | 43. Sierra Madre shaft |
| 11. Harkaway shaft | 44. Gilpin-Eureka shaft |
| 12. Shaft, Harkaway claim | 45. Discovery shaft, Eureka claim |
| 13. Tom Martin shaft | 46. Shaft, Spur vein |
| 14. Shaft, Garden No. 2 claim | 47. Shaft, Damon claim |
| 15. Adit, Garden claim | 48. Prospect, Carrie G. claim |
| 16. Adit, Prospector claim | 49. Gold Collar shaft (Hydrant vein) |
| 17. Lake Superior shaft | 50. Marine shaft |
| 18. Iowa shaft | 51. Concrete shaft |
| 19. Freiburg shaft | 52. Fagan shaft |
| 20. Minnesota shaft | 53. Grand Army shaft |
| 21. Shaft, Oro claim | 54. Gunnell shaft |
| 22. Adit, Oro claim | 55. Wood shaft |
| 23. Prospect, Humboldt claim | 56. Buckley shaft |
| 24. Troublesome shaft | 57. Peru shaft |
| 25. IXL shaft | 58. James Henry shaft |
| 26. Casto shaft | 59. Adit, Mechanics claim |
| 27. Review shaft | 60. Shaft, Mount Lincoln claim |
| 28. Winnebago shaft | 61. Shaft, Gunnell claim |
| 29. Shaft, Thurman claim (?) | 62. Whiting shaft |
| 30. Shaft | 63. St. Louis shaft |
| 31. Huddleston shaft (?) | 64. Prospect, Francis claim |
| 32. Shaft, Bullion No. 2 claim | 65. Adit, Gulnare claim (?) |
| 33. J. P. Whitney shaft | 66. Shaft, Burlington claim (?) |
| | 67. Shaft |

Packet has 2 pieces



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