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Triangulation net map with key to sets of detailed sheets

Combination set, 40 scale, level maps and stope contour sheets (24 sheets)

Iten 91 9D

August 9, 1972

Er. Roger Ashley, U. S. Geological Survey, 345 M ddlefield Road, Menlo Park, California 94025.

Dear Roger:

It has now been pretty well firmed up that we leave for Fallen Leaf Lake on Friday; therefore, the pleasure of seeing you when you and your family pass through Reno, en route to Goldfield, will have to be foregone.

You were, I am sure, well aware of my concern and consternation due to the condition of my Sunnyvale daughter; she continues to ignore the value of rest, but, thanks to that trip and being able to talk with her, we have been able to agree that we will take the other two children to Fallen Leaf and then Reno, taking care of them, unti, she gets her well-being back. It will give us the pleasure, due grandparents, and it should be an help to her and her excellent husband. The newly arrived baby, incidentally, is doing extremely well, and will be, in time, a real addition to a fine family.

I have been stimulated by all the material you gave us; part has been sent on to Harold, and remained will be shipped tomorrow.

We really want you to stop bye at any time, so keep it in mind. The invitation still stands to show you what goes on six miles north west of the Comstock, in Geiger Canyon; however, I still, as yet have not received the final blessing from that austere body, known as BIM.

Best regards,

David LeCount Evans

August 16, 1972

Mr. Harold Biaggini
P. O. Box 753
Paso Robles, California

Re: Burkette-Minnis-Block; Goldfield Mining District; Goldfield, Esmeralda, Nye Counties, Nevada.

Dear Harold:

INTRODUCTION

On the basis of recent field and office studies for the Davis - Goldfield mined area, and rapid reconnaissance over the captioned block on August 14 and 15, the following observations, thoughts, reactions and suggestions are presented.

Bear in mind that text is written without benefit of topographic maps, references, and an accumulation of detail, since the writer is on vacation and unaccompanied by office files.

Despite lack of details, however, we feel that the overall picture is sufficiently in mind to provide a lucid, rough analysis.

FOREWORD

As you, Alex and I have discussed, the District - all of us - are aware and agree with Ransome (in Professional Paper #66; 1908) that Goldfield ores, as viewed at that time, occur mainly in dacite (intrusive into earlier andesite), both of which are later than the latite flows on which they rest. All of us would also agree that some ores have extended, in minor instances, into the andesite and latite: furthermore, we would accept Ransome's regional, circular pattern of alunitic alteration, which appears to be a feature of the lesser distributed ore minerals.

Too; we have all gone along with Roger Ashley's 1972 maps and comments, agreeing that his structural detail is a step foreward.

As part of this "foreword" I reiterate that the Burkette-Minnis-Block to as far east as, and beyond, the Keane shaft (a trend of some four or five miles), is a most logical continuation of the zone which made Goldfield's rich ore bodies.

But, on the other hand, I am not ready to concur that it is identical. With all of the effort in tunnels, shafts and surface studies, there have been no high grade discoveries. In short, something is lacking.

Mr. Harold Biaggini August 16, 1972 Page 2

CONCLUSIONS

The writer concludes that:

- l. The southeast to east trend from the Florence mine area, through Preble Mountain to beyond the Keane shaft is a continuation of Goldfield alteration, with its bands of ledge matter; but cannot be convinced that ledge matter contains those pods and lenses of later rich gold mineralization which characterize the main Goldfield mining area.
- 2. Preble trend ledge matter should carry those lower grade gold values which feature Goldfield mines.
- 3. The distribution of Goldfield ledge matter is caused by structural control, the details of which have neither been resolved nor understood.
- 4. With several miles of trend, widths of zones varying from 100 to perhaps 500 feet, and depths, perhaps of 500 to 1000 feet, very great tonnages of low grade mineralization (possibly "ore") are indicated.

RECOMMENDATIONS AND SUGGESTIONS

To the exploration-minded investor, two approaches are open, namely:

- l. Accept the Burkette-Minnis philosophy or contention that their 450 plus claims offer another Goldfield, or several Goldfields, and that a mining program must be geared to the search for undiscovered centers of high grade ores, or
- 2. Consider the possibility of a broad, regional dispersion of low grade values (perhaps a \$3 per ton average on \$38 per ounce gold); prove such a dispersion and then pray for enough high grade to "sweeten" the mass to provide an overall head value of \$8 to \$10 per ton.

The writer does not favor the first approach, but believes the second to be worthwhile.

Initial steps are suggested as follows:

- 1. From Ashley's new geological map, complete a structural study;
- 2. Using the Rapid Brunton Compass, partially paced, partially taped, and intersection-controlled method, locate on workable scale all dumps and tunnels on both sides of the Preble Mountain trend and topographic high.

Mr. Harold Biaggini August 16, 1972 Page 3

- 3. Sample all dumps, convenient and pertinent outcrops; examine and sample tunnels.
- 4. Spot sample, without detail, other adjoining areas if the Preble trend study shows promise.

RECAPITULATION

Such a program:

- l. Should provide an average value for ledge matter as well as unmineralized rock within ledge matter; and provide a background average which, with possible richer lenses, might encourage open pit thinking.
- 2. Might locate centers of higher grade, possibly worth initial exploration.

None of the above is urged unless a favorable understanding with owners, such as that explored with Mr. Burkette on August 14th, is reached.

fours very truly,

DAVID LE COUNT EVANS

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JULY-24-1972.

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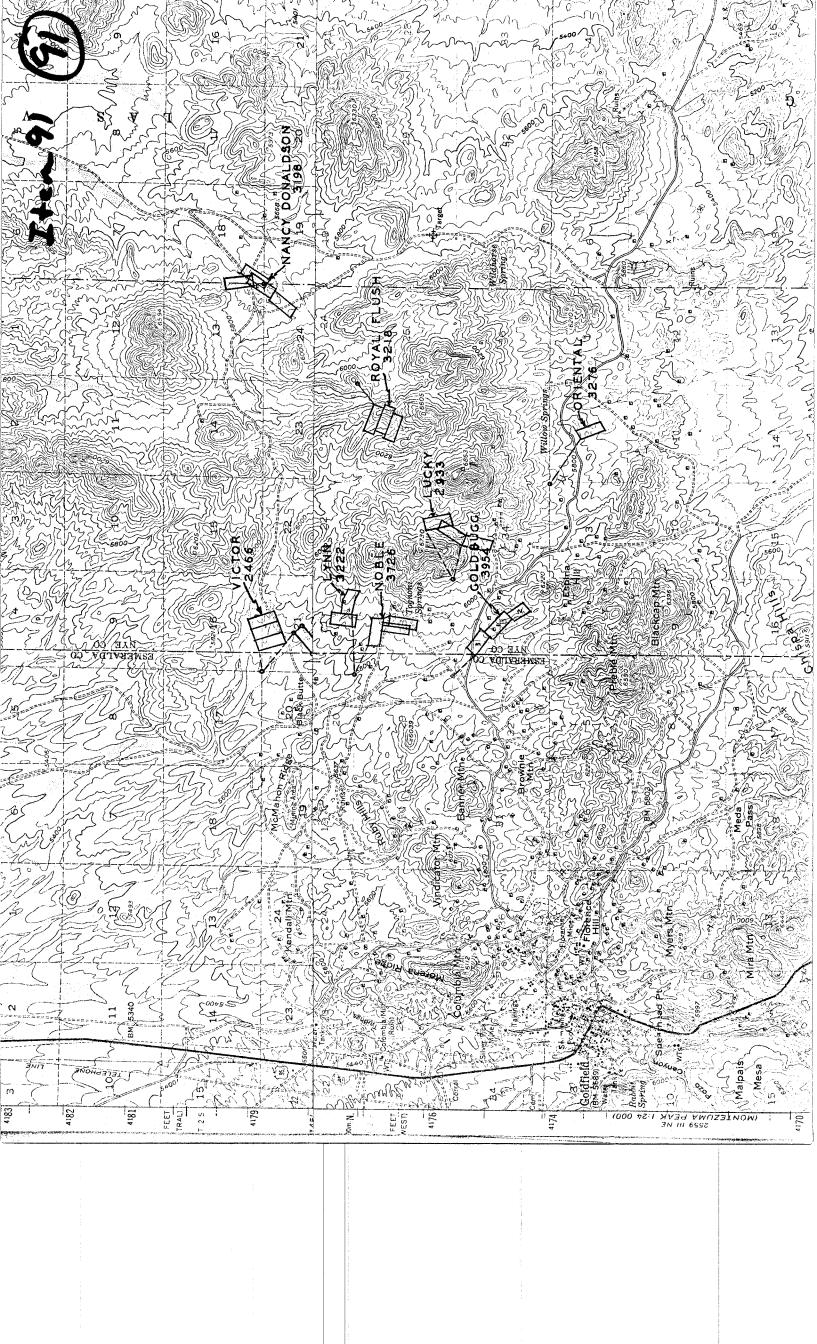
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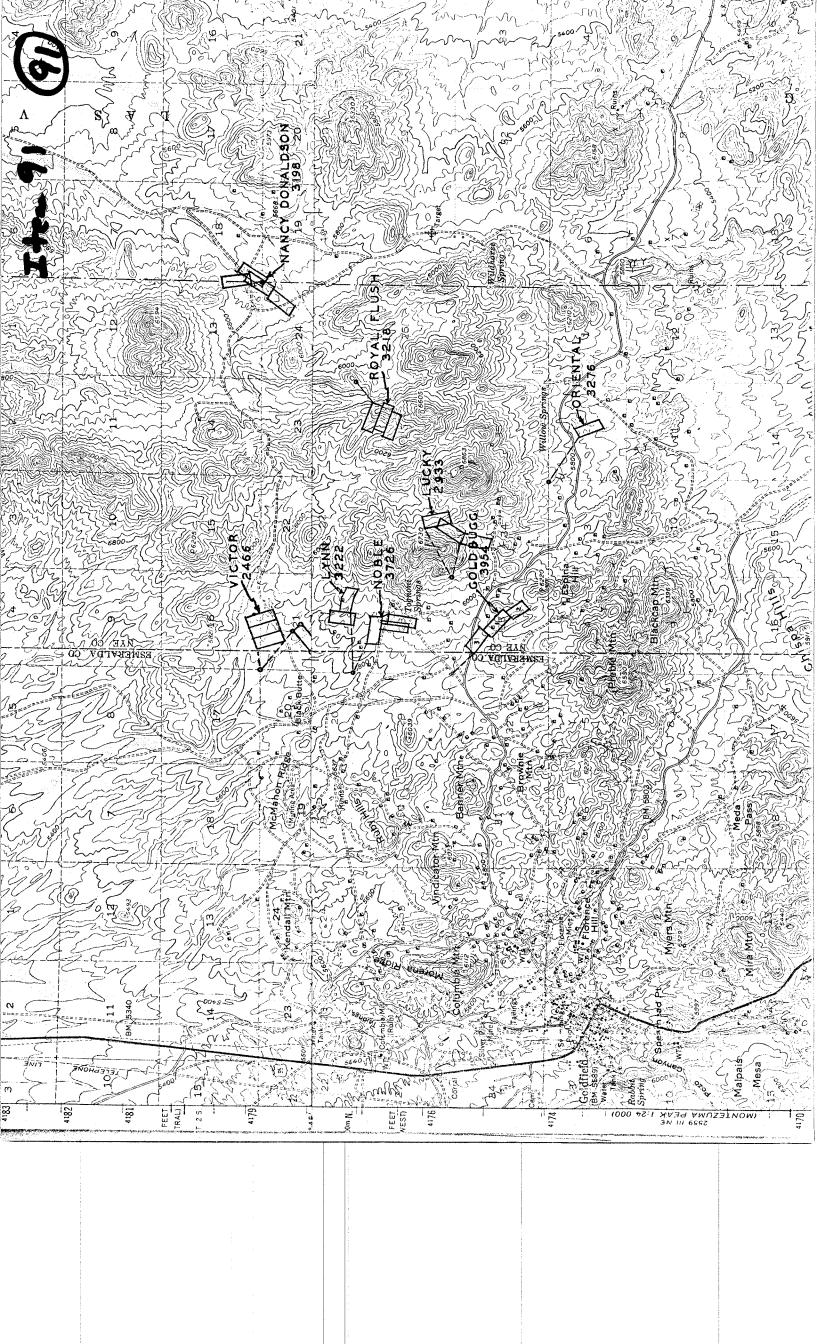
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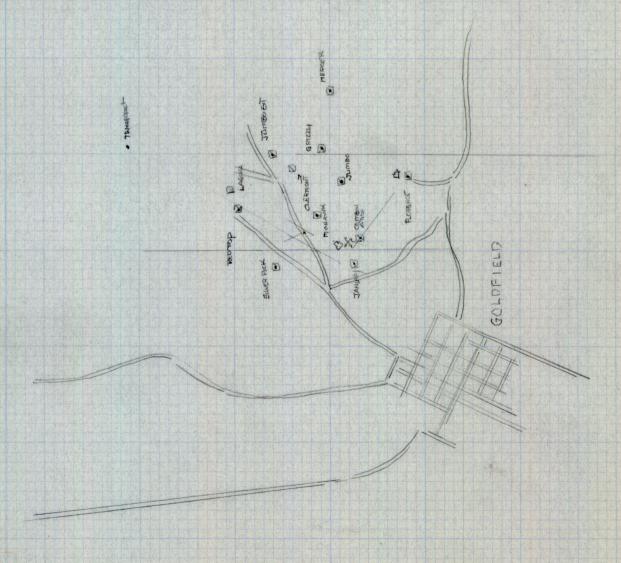
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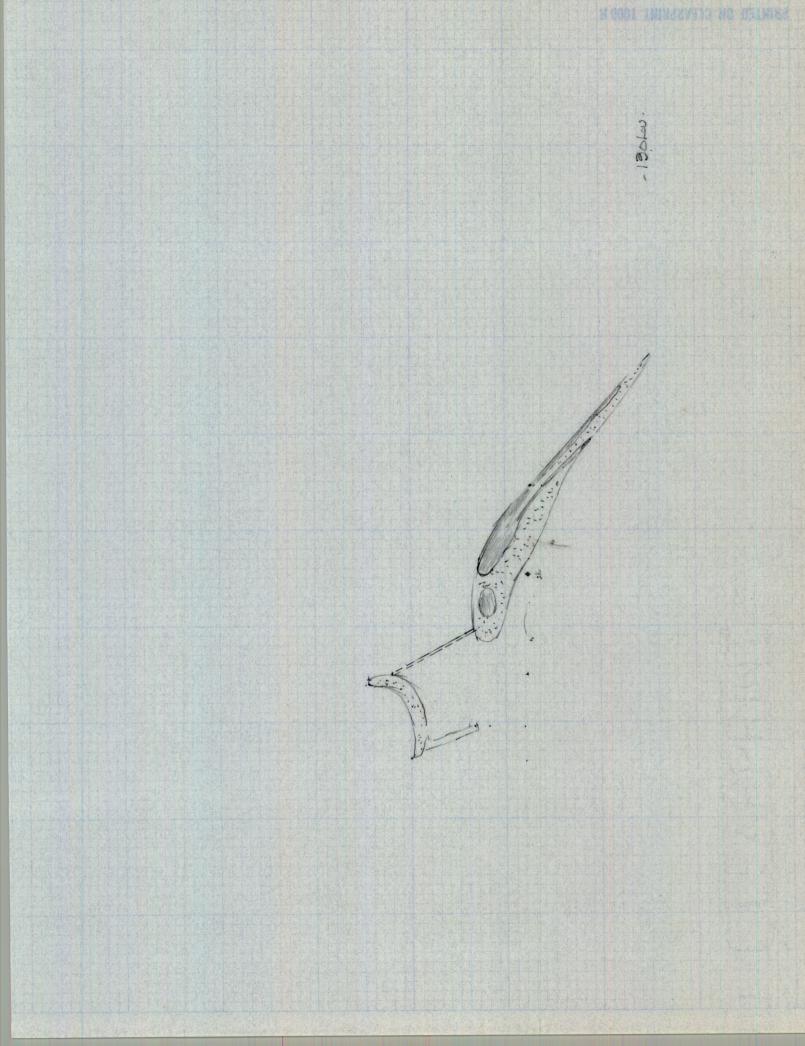
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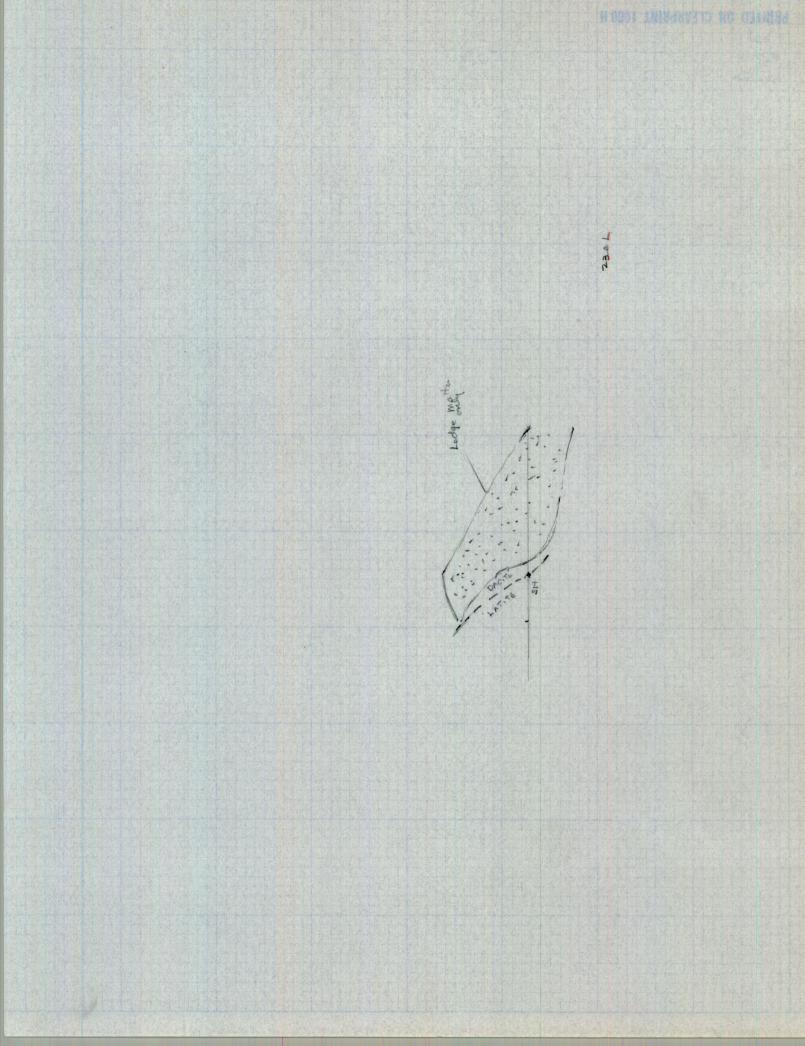


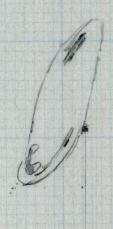


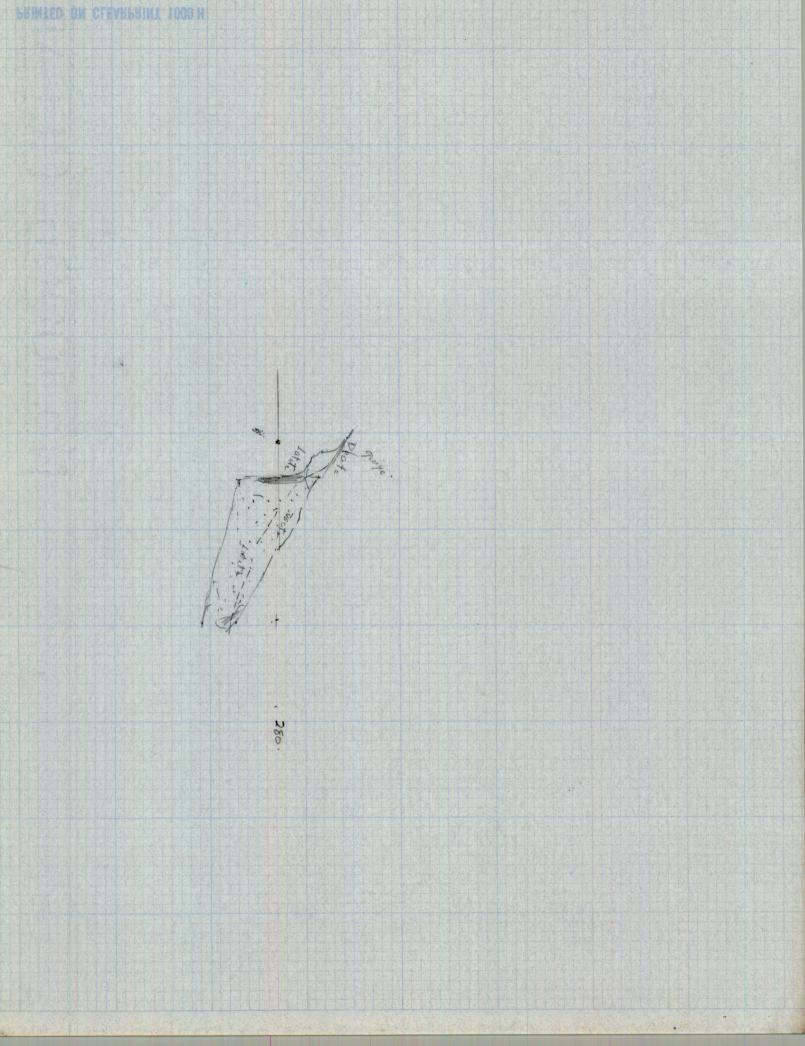


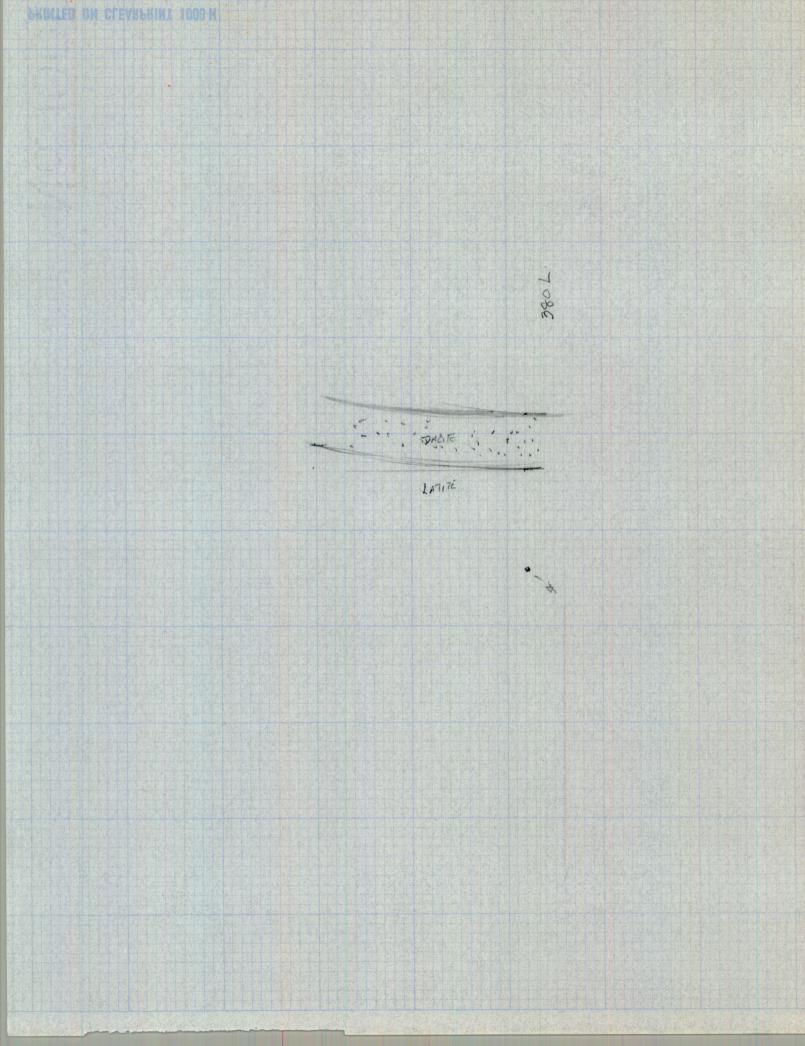


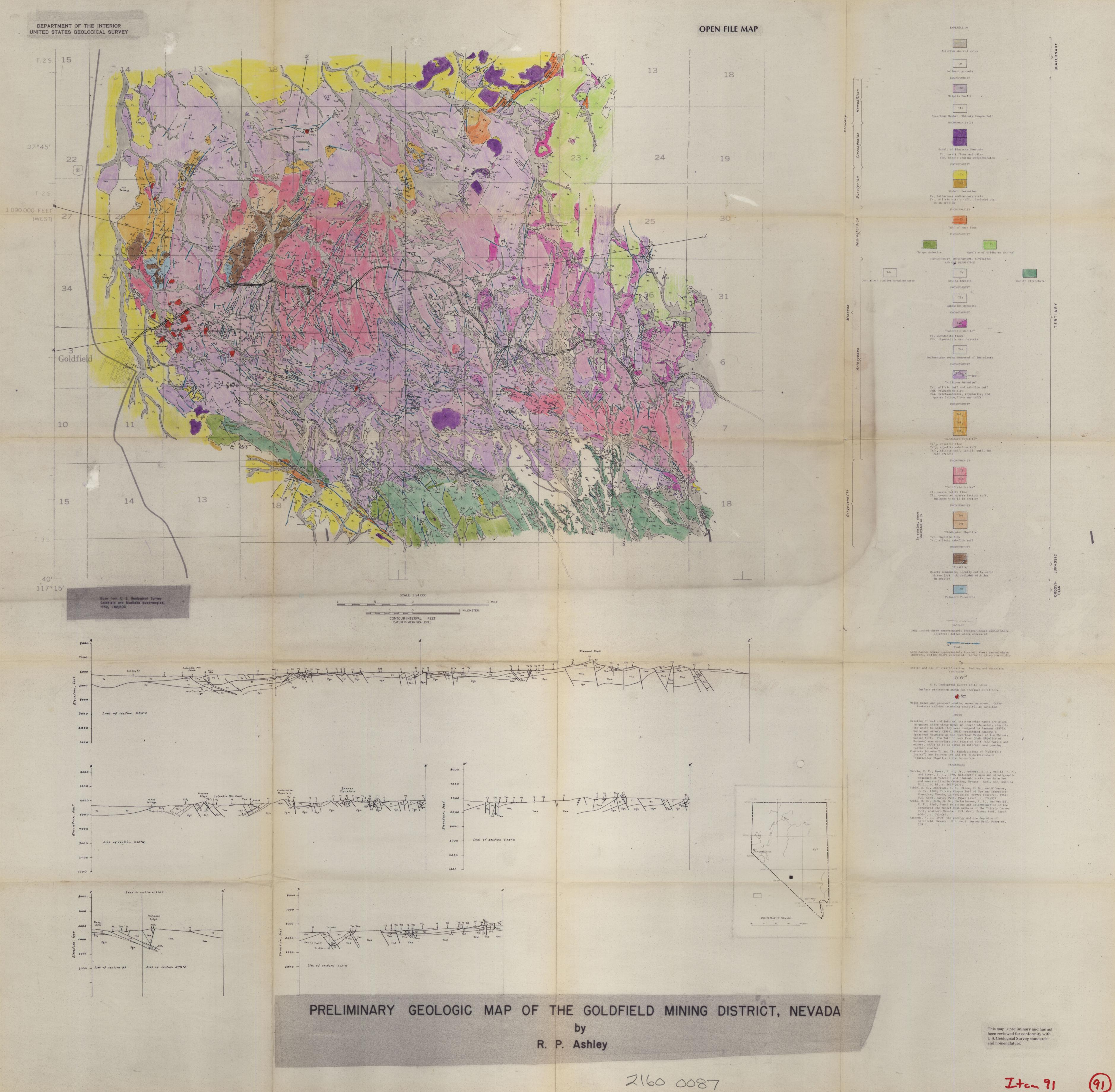












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