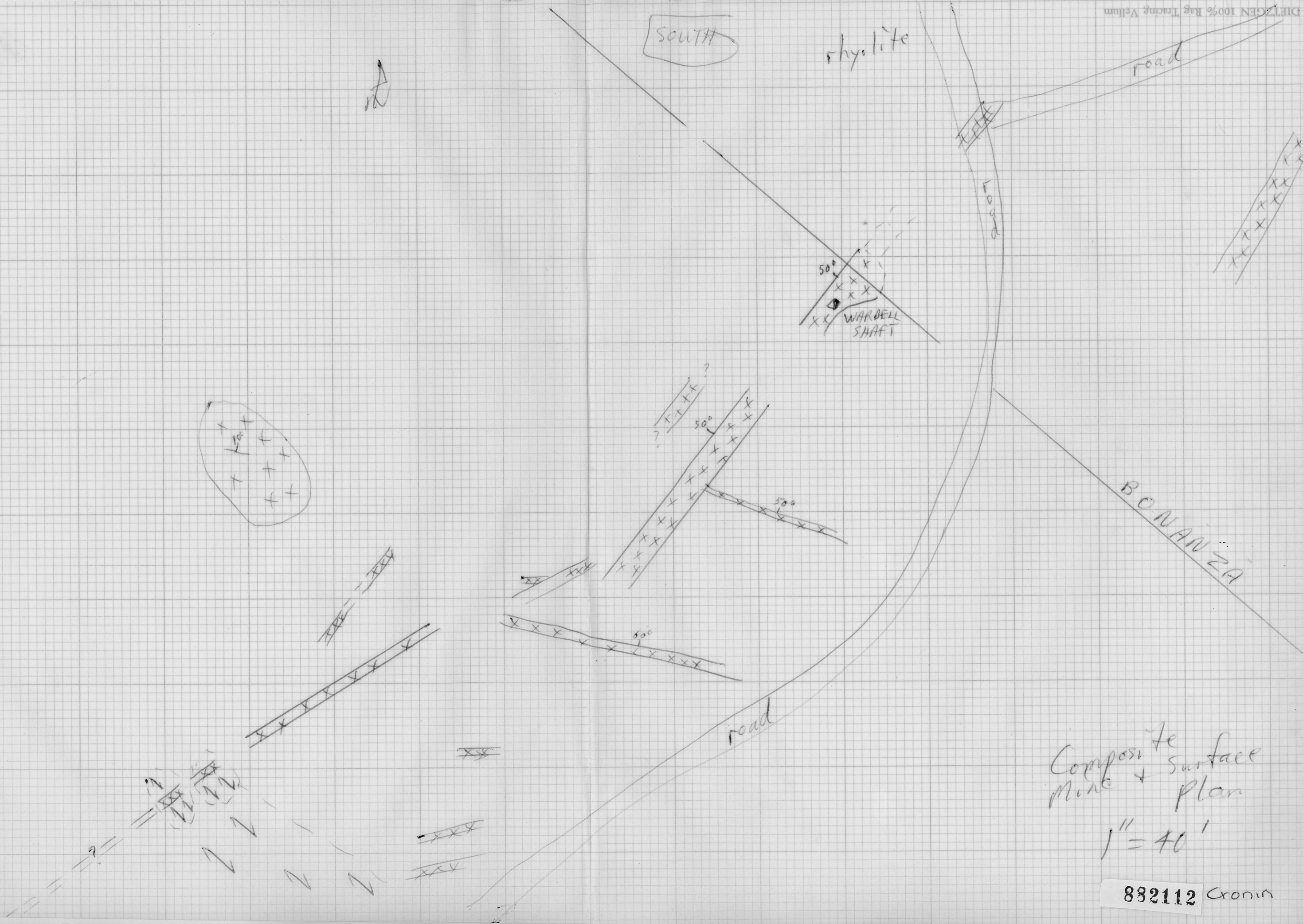




Composite Surface
Mine Plan
1" = 40'

Composite plan - 4775, 5000 + 5065 ft. levels 1" = 20' Jan. 15/49

Legend

1. Qtz. vein
2. Shear or fault zone with ribboned argillitic inclusions, brecciated rhyolite
3. Siliceous, fn. gr. massive dyke similar in comp. to rhyolite stock, greenish in colour
4. Rhyolitic intrusive stock
5. Hybrid rhyolite due to absorption of argillite
6. Argillite - black, fissile

same as Jan. 20/49

1974 Legend 1" = 100'

1. Brecciated rhyolite cemented with qtz, min. with Ga, Sp, Py + Td
2. Qtz vein or lenses - barren, vitreous
3. Qtz vein - min. with Ga, Sp.
4. Qtz, diorite, diorite lamprophyre dyke
5. Rhyolite intrusive stock - many argillitic incl. in margins of stock
6. Volcs. - undiff. - incl. ands., rhy., + related tuffs + bx., minor argillite
7. Congl. - small pebble lenses in argillites
8. Argillite banded
9. Pale quartzitic argillite + argillite schist
10. Black argillite schist - in part graphitic

Notes: 1. Fln. in black argillite ^(graphitic schist) parallel to intrusive contact on east side
2. SW side of rhyolite 'stock' is in contact with sericite schist
3. Min. veins conc. along western contact of 'stock' with sericite schist + black argillite.
(Homestake workings, Wardell vein)

4. Major N-W faulting ?!

5. Dip of major + minor veins varies from 45° to 60° NW / Strike of vein system is N-NE
6. Strike length of vein system traced on surface over 2200 ft. - open to SW; apparently closed to NE.
7. Current devel. work is driving from No. 1 level raise to hit Wardell vein. (along No. 2 vein) - No previous devel. other than shafts

Notes (cont'd)

8. Conc. of adiorite or diorite lamprophyre dykes towards west.
9. Good lead ore veins 1200 ft. west Adifno vein system.
10. Mapping req'd. to SW.
11. North claims with vein system: Homestake L 1859A; Eureka L 1861A; Bonanza.
12. Geochem survey (4300 ft.) in July 1963 by H. J. Sorensen & Assoc. - not conclusive.
13. Surface ddh. - 4 on NW side of Wardell vein towards vein; 1 on NW side of Homestake workings towards workings.
14. No. 1 level - 5675'
No. 2 level - 5065'
No. 3 level - 5000'
No. 5 level - 4775'
15. Plan to extend No. 5 level 200 ft. to hookup with proposed ore pass from No. 3 level.
16. 1974 summer staking to SW? - 5 cls. - DEL # 13, 14, 15, 16, 17.
17. 1974 Claim Status:

Total { 40 full sized fractions	View 1-8	Homestake L 1859A	Sunny 1-3
	Del 1-17	Bonanza L 1860A	Lucky Strike L 1862A
	Rex 1-2	Jim Fr.	Sunflower Fr. L 7417
	Eureka L 1861A	Sunflower L 7418	Babine Chief L 1863A
	Bulky Pioneer L 1864	Sunrise No. 7	Mill # 1-2
18. No. 3 level (5000' level) - No. 1 + No. 2 portals. Total of 11 underground ddh.
19. No. 2 level (5065' level) - No underground ddh - ~ 240 ft. long.
20. No. 5 level (4775' level) - No underground ddh.
21. Mine has all previous surface + underground ddh sections etc.
22. New trenching on SW extension - over old shaft area (good PbS) - old ~~Homestake workings?~~ Wardell shafts?
23. ZnS, PbS, py, boulangerite, cpy, freibergite, arsenopyrite.
24. Mine workings - over 550 ft. vertically - 3,800 ft. drifts, 1200 ft. raises, lateral devel. given 40% ore = "very promising development ratio."
25. Production small scale over 21 yrs $\approx$ 30,000 tons grading 12.52% Ag, 7.11% Pb, 8.12% Zn. Reserves = 46,752 tons ind., 129,502 tons inf.