



EXPLANATION, ADELAIDE PROJECT MAPS

- Recent landslide.
- Recent alluvium, stream and slope wash, talus. Older alluvium (Qoal) in some areas.
- Faulting and unconformity
- Mostly volcanic rocks and sediments of Miocene age: Tv, undifferentiated; Tvt, tuff beds and gravels; Tvl, quartz latite porphyry dikes, sills and flows.
- Ti Fine grained dikes and small masses of andesite to rhyolite composition
- Faulting and angular unconformity
- TKi Porphyritic intrusive of about quartz monzonite composition, probably later than Ki.
- Sequence unknown
- Ki Quartz monzonite (qm) and granodiorite (gd); includes some quartz porphyry.
- Intrusive contact
- Ph Kolpato Formation: mostly flow-banded and spherulitic rhyolite (Pkr), but includes some andesite (Pka), breccia and conglomerate.
- Angular unconformity
- Ph Havallah Formation: mostly dark chert and light brown quartzite; lesser amounts of slate, conglomerate and limestone.
- Ep Pumpernickel Formation: greenstone, dark chert and argillite with interbedded limestone and elastic sediments, some hornfelsic.
- Golconda thrust zone
- Pem Edna Mountain Formation: mostly calcareous, fine-grained sandstone and shale, few limestone beds.
- Angular unconformity--Antler orogeny, Adelaide thrust
- Ov, undifferentiated; Ovq, quartzite mostly as upper-plate blocks above the Golconda thrust overlying Preble phyllite and Valmy argillite and chert.
- Sequence unknown
- Ch Harmony Formation: brown-weathering arkosic sandstone with interbedded greenish-brown shale, gritty conglomerate and limestone.
- Sequence unknown
- Cp Preble Formation: greenish-gray phyllitic shale and slate with intercalated bluish-gray, well bedded limestone.
- Com Cogood Mountains Quartzite: medium-bedded, massive quartzite grading upward into phyllitic shale of the Preble Formation.
- Contact, dashed where approximate or inferred.
- Strike and dip of bedding.
- Strike and dip of foliation.
- Fault showing dip, dashed where approximate or inferred; Upthrown side, downthrown.
- Thrust fault; barbs are on upper plate.
- Quartz vein.
- Hydrothermal alteration.
- Breccia pipe or zone.
- Limestone beds.
- Boundary of property or lease.
- K-spar alteration
- Silicification
- Silicification
- Air-trac hole
- Diamond drill hole
- Rotary drill hole
- GEOCHEMICAL PROSPECTING SYMBOLS
- Soil sample
- Rock sample
- Stream sediment sample
- Water (spring) sample
- ppm Cu
- ppm Mo
- (1:4, 25) (ppm Ag, ppm W) unless otherwise indicated
- Low grade copper anomaly outside of the main property areas
- Aeromagnetic contours

Revisions	Geology by W. Spurr and W. Carlsberg	Adeelaide Project, Humboldt County, Nevada	Map no. 2
	Drawn by W.C. 2/27/71	GEOLOGY AND GEOCHEMICAL SAMPLING	
	Base from USGS Leach Hot Springs map	Spanish Basin and Southern Adelaide areas	
		Scale 1" = 1,000'	