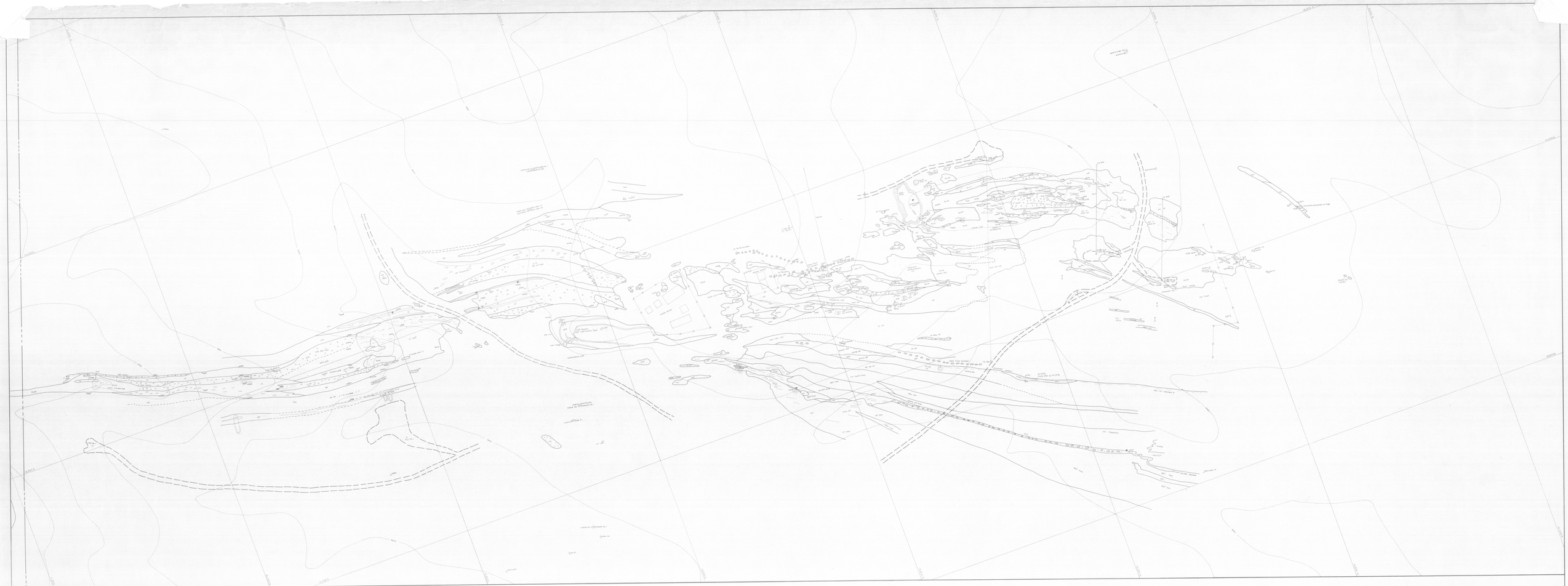

EXPLANATION

- SAMPLE SITE OR BEGINNING AND END POINT OF SAMPLE SEQUENCE
- L.P. STATION
- ROUNDED FRAGMENTS
- BEDDING
- FOLIATION
- FENCE
- SHAFT WITH DUMP
- ADIT WITH DUMP
- BRECCIA, ALSO % DEPICTS FRAGMENTS

- CLAIM CORNER
- 2 x 2 POST
- 4 x 4 POST
- STEEL POST
- ROCK CAIRN
- DISCOVERY MONUMENT
- DRILL HOLE

- ALLUVIUM: Colluvium, and unmapped areas
- INTRUSIVE : Dikes, sills, plugs and stocks of diorite to granodiorite composition
- SULFIDE OXIDATION PRODUCTS: Predominately pyrite, originally as disseminations, veins and massive layers
- QUARTZ SEGREGATIONS AND/OR VEINS: Probably all ages from Proterozoic to Laramide. Commonly contains tourmaline and pyrite
- CHERT: Exhalative chemical sediment, ranges from grey and white (Ch1) to purple (Ch4m)
- VENT BRECCIA: Tile products contained within, or ejected from, a hydrothermal vent. Contains volcanic and chert fragments in altered matrix
- CHERT SOAKED RHYOLITE: Very siliceous rhyolite with some remnant quartz phenocrysts, common dumortierite veinlets. Cavolliar ore zone

- CLIFF RHYOLITE: Occurs as either grey (g) or beige (b), and is either massive (m), platey (p), or foliated (f), rhyolite domes and flows.
- QUARTZ EYE PORPHYRY: Domes, flows and tuffs with abundant quartz phenocrysts, very rhyolite composition
- FELSIC TUFF: Ashy to lapilli tuff, rare quartz phenocrysts, common cherty laminae, variable sulfide content.
- RHYODACITE: Mostly tuffs, some breccias or agglomerates, occasionally lapilli tuff, rare quartz phenocrysts.
- DACITE: Mostly tuffs, some flows, usually plagioclase phenocryst rich, green, red and brown varieties
- MUDDY ANDESITE TUFF: Very muddy brown appearing reworked andesitic tuff, occasionally finely laminated.
- ANDESITE TO POSSIBLY DACITE TUFF: Aphyric, dark green due to abundant meta-morphic chlorite, may be flows in part

N

SCALE 1" = 50 feet

NOTE: TOPOGRAPHIC CONTOURS WERE ENLARGED FROM THE 1'0 MILE AND MAY NOT BE ACCURATE AT THIS SCALE

LONG LAC MINERAL EXPL. (TEXAS) INC.
1475 Grey St.
Sparks, Nevada 89431

AKA: N TYPE OF MAP

BIG BUG
GEOLOGY NORTHERN SECTION

STATE	ARIZONA	COUNTY	YAVAPAI	SCALE 1" = 50'	DATE 90
DATE '90 L.L.(TEXAS)		DRAWN BY J. LAWSON		DATE	BY