DISTURBED AREA SUMMARY DRAFT

Larson Limestone Company - Larson Limestone Mine filename S49-11DA.WB1

S/049/011 Utah County last revision 03/22/94

Prepared by State of Utah, Division of Oil, Gas & Mining author = aag

Dimensions are based on measurements taken on site 3/17/94

Measurements were taken using a "Topometric Products Inc". Hip-Chain & vehicle odometer

Approximate shapes & locations of areas measured were sketched on the geological map of the site

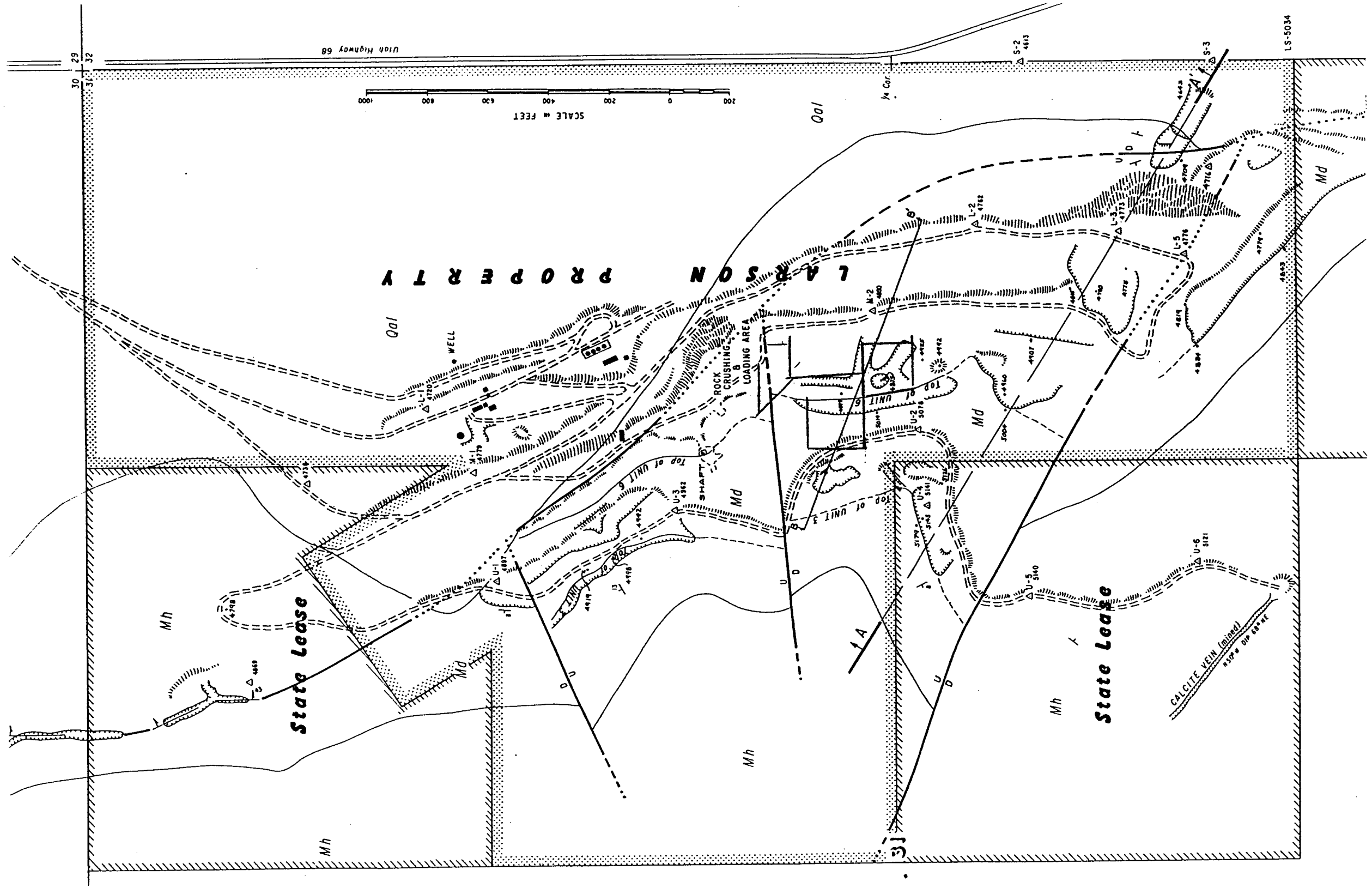
This information is not based on a certified survey of the site; it is an approximation only

MAP ID	Area Description	geometric shape	length-1 (feet)	length-2 (feet)	width (feet)	height-1 (feet)	height-2 (feet)	dia. (feet)	Area (acres)
1	upper bench	triangle	123	136	118				0.16
2	pit-I (upper pit area)	tapezoid	218	71		180	188		0.61
3	road a (upper road section)	rectangle	431		14				0.14
4	road b (upper road section)	rectangle	207		16				0.08
5	road c (upper road section)	rectangle	445		14				0.14
6	road c-c (upper road to curve)	rectangle	1,320		14				0.42
7	bone yard west	circle						140	0.35
8	bone yard east	circle						115	0.24
9	road e (curve to north stockpile)	rectangle	300		14				0.10
10	bus-tanks-tires	rectangle	258		98				0.58
11	coarse stockpile near b-t-t	trapezoid	82	60		129			0.21
12	north stockpile-north end	rectangle	170		135				0.53
13	north stockpile-midsection	rectangle	320		182				1.34
14	north stockpile-south end	rectangle	192		162				0.71
15	pad area-south of N stockpile	triangle	225	225	118				0.29
16	road d (stockpile to crusher)	rectangle	208		35				0.17
17	crush/load-north end	rectangle	165		95				0.36
18	crush/load-midsection	rectangle	300		180				1.24
19	crush/load-south end	rectangle	295		180				1.22
20	south talus slope adj. to pit	rectangle	420		300				2.89
21	stockpile-scale-storage-new bldg	rectangle	1,300		250				7.46
22	main access road	rectangle	1,848		30				1.27
23	main quarry/pit area -NOT INCLUDED								0
24	turnout near foundation-NOT INCLUDED								0
25	turnout along upper road-NOT INCLUDED- --PRE-LA								0

Approximate Total Disturbed Area (uncorrected) 20.51 acres

DRAFT

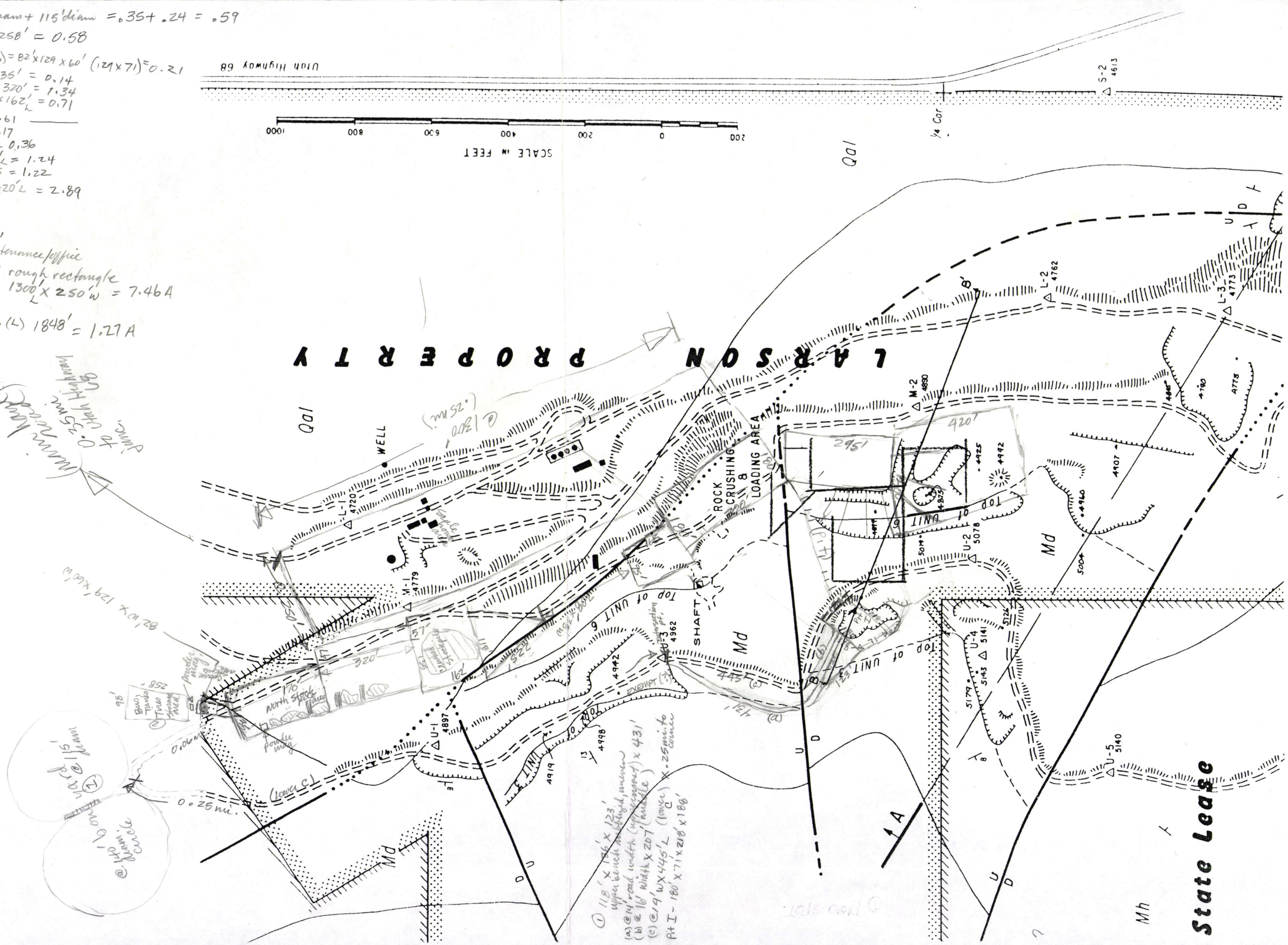
Jumbers Pt
4501
Pelican Point
Pumping Sta
Goose Pt
Calcite Quarry
Prospects
Prospect
Clay Pit
Little Cove
Big Cove
Iron Hill
Long Ridge
Dutchman Ridge
Enoch Divide
Potter Canyon
Hells Kitchen
SALT LAKE MERIDIAN
BM 4594
68

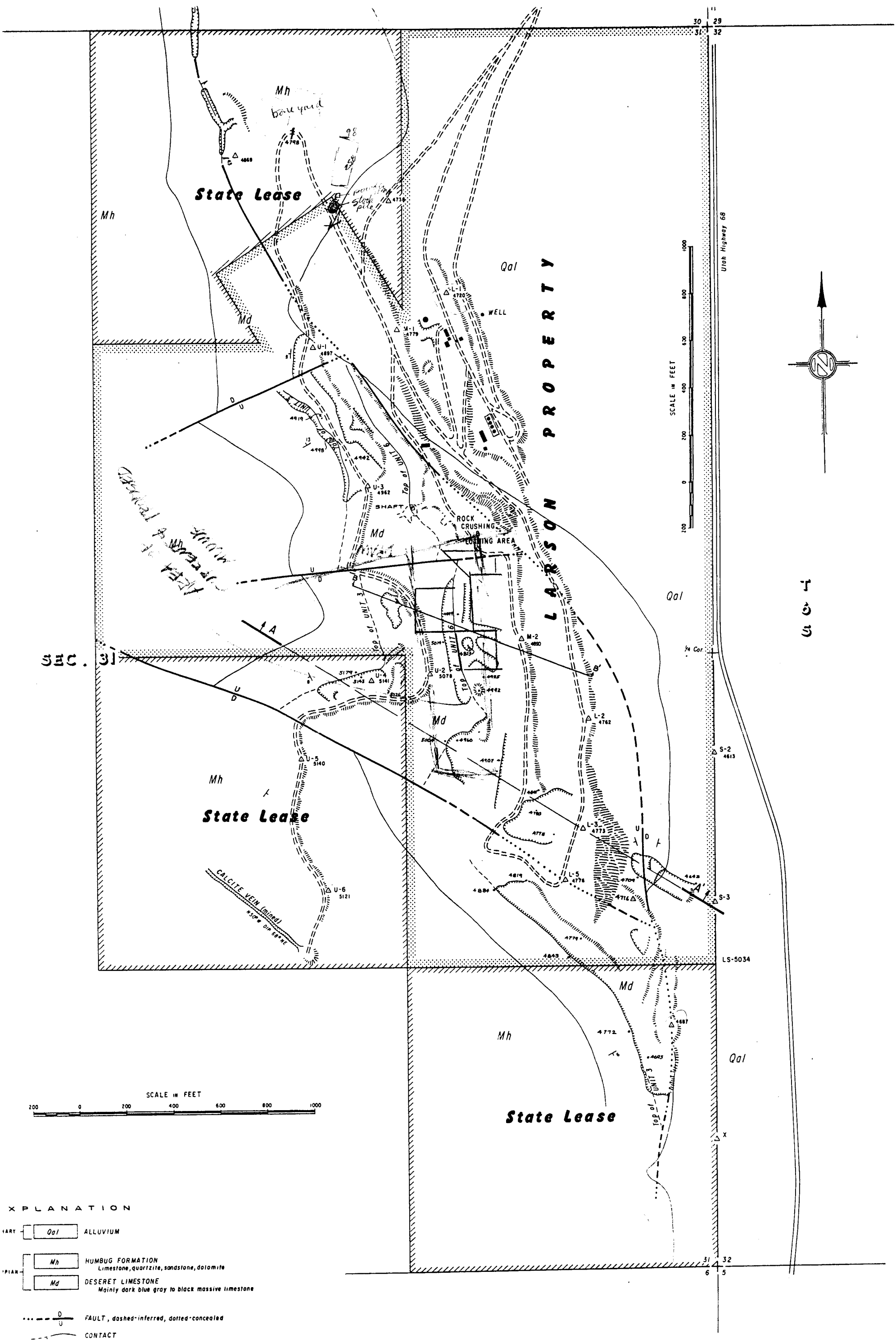

Utah Highway 68
SCALE in FEET
LARSON PROPERTY
State Lease
State Lease
Qal
Mh
Md
WELL
ROCK CRUSHING & LOADING AREA
SHAFT
Top of UNIT 6
Top of UNIT 3
CALCITE VEIN (mined)
LS-5034

Boneyard area (1) (north) = 140' diam + 115' diam = .35 + .24 = .59
Tank, Tire, Bus (2) area = 98' x 258' = 0.58
Small stockpile area (next to tank, bus) = 82' x 129 x 60' (129 x 71) = 0.21
North stockpile area = 170' x 35' = 0.14
182 x 320' = 1.34
192' w x 162' L = 0.71
Triangle road = 225' x 118' = 0.61
35' w x 208' = 0.17
Rock crush + load area } 95' x 165 = 0.36
180' w x 300' L = 1.24
180' w x 295 = 1.22
(south talus sloped area adjacent to pit) 300' w x 420' L = 2.89

Lower silo, truck scale, storage, new shop/maintenance/office area base of + crushed stockpile } rough rectangle 1300' L x 250' w = 7.46 A

Main access road = @ 0.35 mi. (L) 1848' x 30' w = 1.27 A





SCALE IN FEET

200 0 200 400 600 800 1000

EXPLANATION

Qal	ALLUVIUM
Mh	HUMBUG FORMATION — Limestone, quartzite, sandstone, dolomite
Md	DESERET LIMESTONE — Mainly dark blue gray to black massive limestone

FAULT, dashed-inferred, dotted-concealed

CONTACT

DIP & STRIKE of bedding

SHAFT

TOP of SLOPE

CUT, PIT

FILL

U-6 △ 5121 TRIANGULATION STATION showing elevation

LARSON PROPERTY

LARSON STATE LEASE

S/049/011

LEHI UNCONSOLIDATED MINING DISTRICT

LARSON LIMESTONE PROJECT

UTAH COUNTY UTAH

GEOLOGIC PLAN MAP