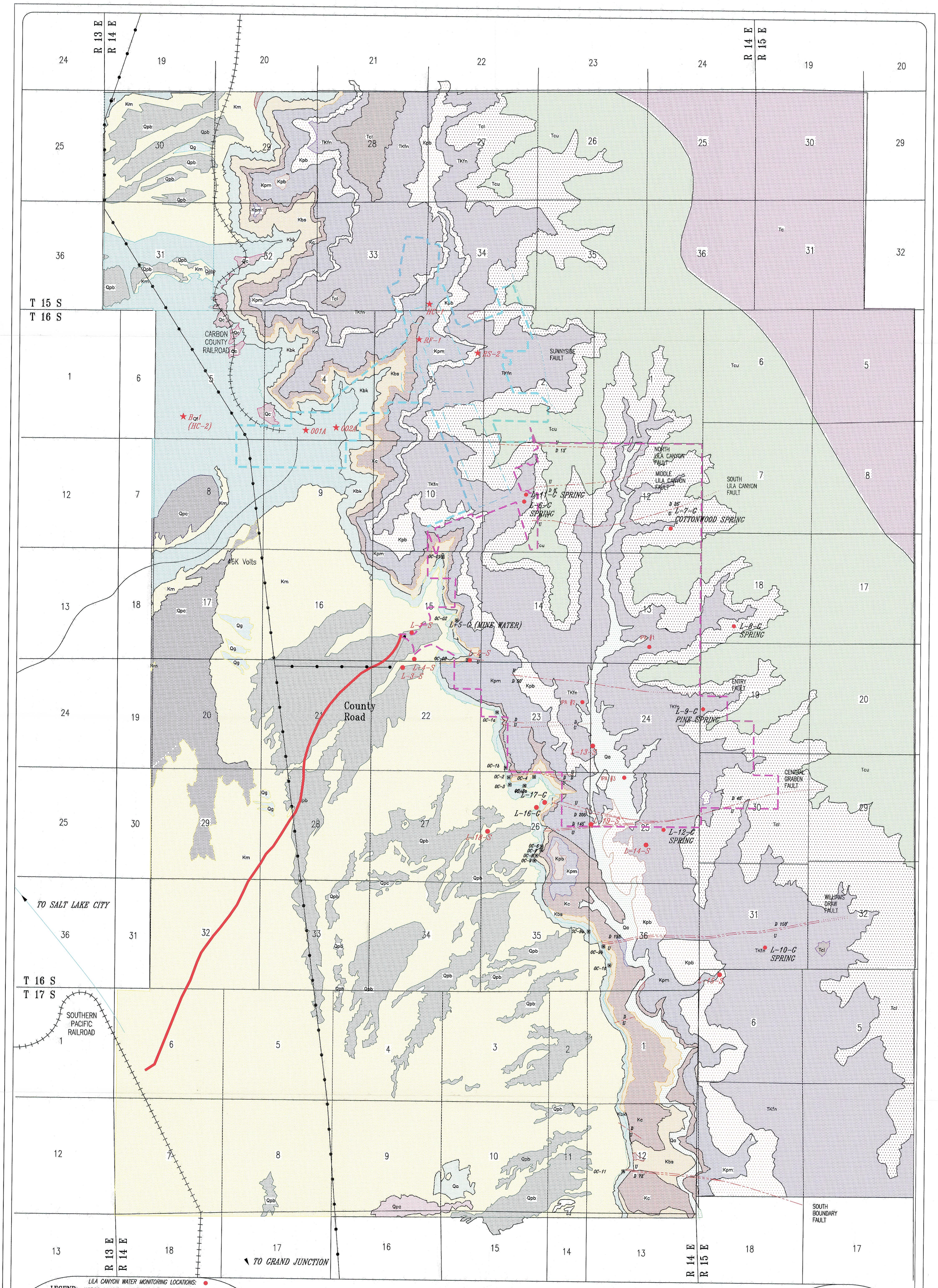

LEGEND:

LILA CANYON WATER MONITORING LOCATIONS: ●

HORSE CANYON WATER MONITORING LOCATIONS: ★

COAL OUTCROP:

OUTCROP MEASURMENTS: OC-11

FAULTS: U D

DESCRIPTION OF MAP UNITS:

- Qa — YOUNGER SURFICIAL DEPOSITS: Stream alluvium
- Qg — YOUNGER SURFICIAL DEPOSITS: Gravel thin deposits
- Qc — OLDER SURFICIAL DEPOSITS: Colluvium & slopewash deposits
- Qf — OLDER SURFICIAL DEPOSITS: Alluvium fan deposits
- Qpa — PEDIMENT DEPOSITS: Unit A
- Qpb — PEDIMENT DEPOSITS: Unit B
- Qpc — PEDIMENT DEPOSITS: Unit C
- Tc — COLTON FORMATION: Undivided
- Tcu — COLTON FORMATION: Upper member
- Tcl — COLTON FORMATION: Lower member
- TKfn — FLAGSTAFF LIMESTONE AND NORTH HORN FORMATION:
- Kpb — PRICE RIVER FORMATION: Blueccastle sandstone member
- Kpm — PRICE RIVER FORMATION: Mudstone member
- Kc — CASTLEGATE SANDSTONE OF MESAVERDE GROUP:
- Kbs — Upper mudstone member of Sunnyside member
- Kbk — BLACKHAWK FORMATION OF MESAVERDE GROUP: Upper mudstone member of Kenilworth member
- Km — MANCOS SHALE: Main body

DIP:

DIP = 10% - 14%

STRIKE

REVISION DATE:

DATE:	BY:	DATE:	BY:
11/20/99	BJ		
08/29/2000	BJ		
12/14/2000	BJ		
09/20/2002	RJM		
11/20/2006	TJS		
01/12/2007	RJM		
02/01/2007	RJM		

N

1000' 0' 2000' 4000'

UTAH REGISTERED PROFESSIONAL ENGINEER #152606 R. Jay Marshall 2/24/07

LILA CANYON MINE

GEOLOGIC MAP OF THE PROJECT AREA

DATE:	DESIGNED BY:
MARCH 1998	EIS
SCALE: Kbk AS SHOWN	PLATE #: 6-1

INCORPORATED
MAY 18 2007
Div. of Oil, Gas & Mining