

27S 60E
27S 61E
27S 62E
27S 62.5E
28S 60E
28S 61E
28S 62E
28S 63E
16N 16E
15.5N 16E
15.5N 17E
15N 16E
15N 17E
15N 18E
14N 16E
14N 17E
14N 18E
14N 19E
13N 16E
13N 17E
13N 18E
13N 19E
29S 61E
29S 62E
29S 63E
30S 62E
30S 63E
31S 63E
NEVADA
CALIFORNIA
164
Nipton Rd
Walking Box Ranch Rd
Nipton
Searchlight
SA-1
SA-2
SA-3
SA-4
SA-5
Powerline Continues west to Communication Towers

Explanation

- Castle Mountain Mine Boundary
- Existing Road
- State Highway
- Existing NV Energy Power Line
- Staging Area (5)

Proposed Water Line Route

- California (51,201 feet)
- Nevada (113,836 feet)

Proposed Power Line Route

- California (35,902 feet)
- Nevada (49,395 feet)

Land Status

- Bureau of Land Management
- Bureau of Reclamation
- Private

0 1.5 3 Miles N

CASTLE MOUNTAIN VENTURE

IVANPAH WATER AND POWER LINE RIGHTS-OF-WAY PROJECT

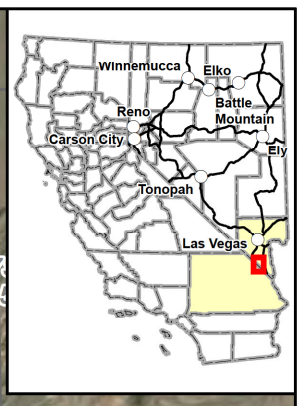
Proposed Water and Power Line Routes

Label: Figure 1	Drawn By: TJC
Date: 01/10/2025	Project No.: 2268.01
Base Map: USGS 100k Quads: Ivanpah, Mesquite Lake	
File Name: 10102_Ivanpah_working.mxd	

WestLand

Path: S:\w10100s\w10102_Ivanpah\10102_Ivanpah_working\10102_Ivanpah_working.aprx





26S 62E
27S 62E
28S 60E
28S 61E
28S 62E
28S 63E
SA-1
SA-2
SA-3
SA-4
SA-5
16N 16E
15.5N 16E
15.5N 17E
29S 61E
NEVADA
CALIFORNIA
15N 16E
15N 17E
15N 18E
14N 16E
14N 17E
14N 18E
31S 63E
14N 19E
13N 16E
13N 17E
13N 18E
13N 19E
Maxar, Microsoft
Maxar

Explanation

- Castle Mountain Mine Boundary
- Long-Term Water Line ROW (20 feet wide)
- Short-Term Water Line ROW (45 feet wide)
- Proposed Water Line (Public Land)
- Proposed Water Line (Private Land)
- Staging Area (5)

0 2 4 Miles

N

CASTLE MOUNTAIN VENTURE

IVANPAH WATER AND POWER LINE RIGHTS-OF-WAY PROJECT

Proposed Water Line Right-of-Way Detail

Label: Figure 2	Drawn By: TJC
Date: 01/06/2025	Project No.: 10102
Base Map: USGS 100k Quads: Ivanpah, Mesquite Lake	
File Name: 10102_Ivanpah_working.aprx	

WestLand



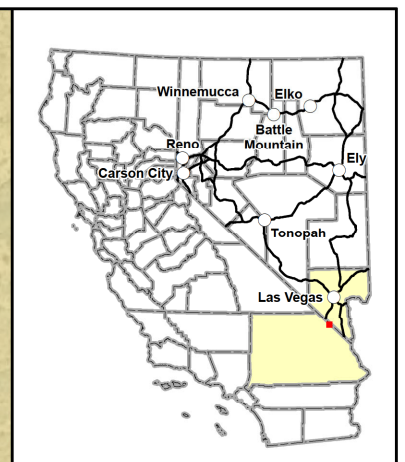
CASTLE MOUNTAIN VENTURE

IVANPAH WATER AND POWER LINE RIGHTS-OF-WAY PROJECT

Proposed Power Line Right-of-Way Detail

Label: Figure 3	Drawn By: TJC
Date: 01/06/2025	Project No.: 2268.01
Base Map: USGS 100k Quads: Ivanpah, Mesquite Lake	
File Name: 10102_Ivanpah_working.mxd	

WestLand



Explanation

- Proposed Water Line (Public Land)
- Proposed Water Line (Private Land)
- Long-Term Water Line ROW (20 feet wide)
- Short-Term Water Line ROW (45 feet wide)
- Staging Area (17 acres - Private Land)

Land Status

- Bureau of Land Management
- NPS
- Private

0 250 500 Feet N

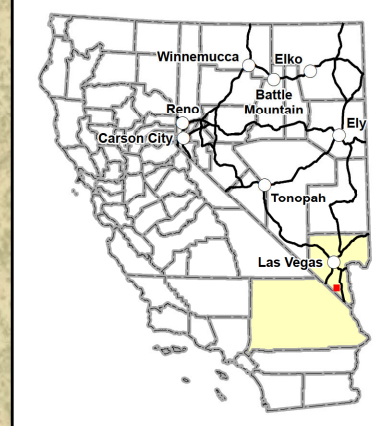
CASTLE MOUNTAIN VENTURE

IVANPAH WATER AND POWER LINE RIGHTS-OF-WAY PROJECT

Staging Area SA-1 Detail

Label: Figure 4	Drawn By: TJC
Date: 01/10/2025	Project No.: 2268.01
Base Map: USGS 100k Quads: Ivanpah, Mesquite Lake	
File Name: 10102_Ivanpah_working.mxd	

WestLand



28S 62E

17

Explanation

- Proposed Water Line
- Long-Term Water Line ROW (20 feet wide)
- Short-Term Water Line ROW (45 feet wide)
- Staging Area (0.5 acre - Public Land)

Land Status

- Bureau of Land Management

0 250 500 Feet N

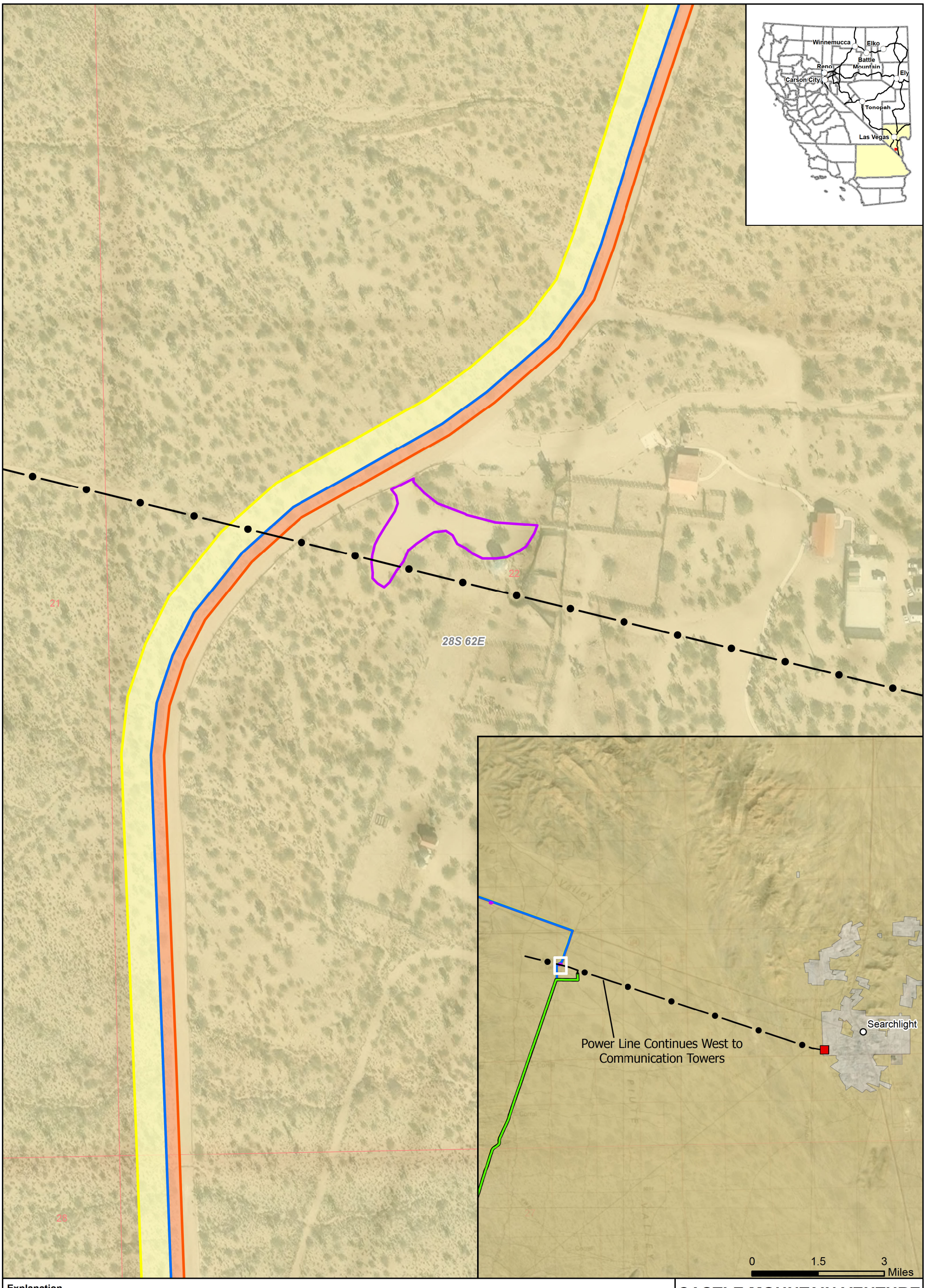
CASTLE MOUNTAIN VENTURE

IVANPAH WATER AND POWER LINE RIGHTS-OF-WAY PROJECT

Staging Area SA-2 Detail

Label: Figure 5	Drawn By: TJC
Date: 01/10/2025	Project No.: 2268.01
Base Map: USGS 100k Quads: Ivanpah, Mesquite Lake	
File Name: 10102_Ivanpah_working.mxd	

WestLand



Explanation

- Existing Searchlight NVE Substation
- Existing NV Energy Powerline
- Proposed Power Line
- Proposed Water Line
- Staging Area (0.36 acre - Public Land within CMV Easement)
- Long-Term Water Line ROW (20 feet wide)
- Short-Term Water Line ROW (45 feet wide)
- Long-Term Power Line ROW (100 feet wide)

Land Status

- Bureau of Land Management
- Private

0 200 400 Feet

N

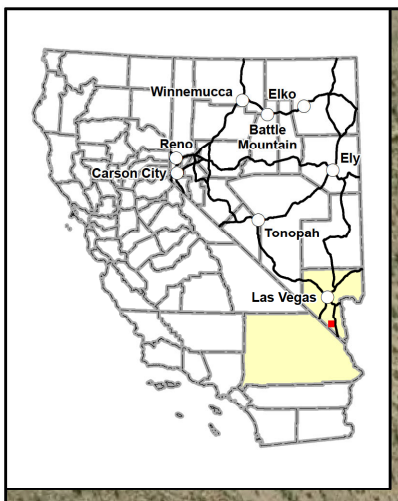
CASTLE MOUNTAIN VENTURE

IVANPAH WATER AND POWER LINE RIGHTS-OF-WAY PROJECT

Staging Area SA-3 Detail

Label: Figure 6	Drawn By: TJC
Date: 01/10/2025	Project No.: 2268.01
Base Map: USGS 100k Quads: Ivanpah, Mesquite Lake	
File Name: 10102_Ivanpah_working.mxd	

WestLand



Power Line Continues West to Communication Towers

21

22

28S 62E

28

27

Explanation

- Existing NV Energy Transformer
- Existing NV Energy Power Line
- Proposed Water Line
- Proposed Power Line
- CMV Easement (Existing)
- Staging Area (0.36 acre - Public Land within CMV Easement)
- Long-Term Water Line ROW (20 feet wide)
- Short-Term Water Line ROW (45 feet wide)
- Long-Term Power Line ROW (100 feet wide)

0 500 1,000 Feet N

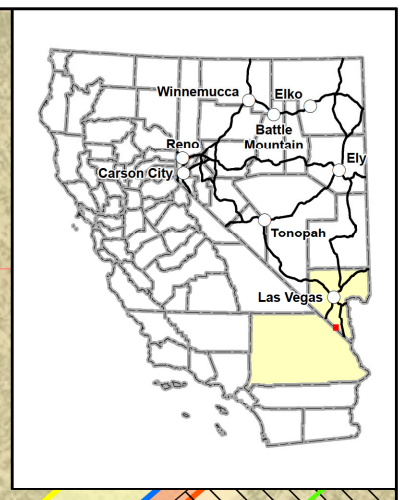
CASTLE MOUNTAIN VENTURE

IVANPAH WATER AND POWER LINE RIGHTS-OF-WAY PROJECT

Walking Box Ranch Area Detail

Label: Figure 6a	Drawn By: TJC
Date: 01/10/2025	Project No.: 2268.01
Base Map: USGS 100k Quads: Ivanpah, Mesquite Lake	
File Name: 10102_Ivanpah_working.mxd	

WestLand



19

30 29S 62E

Explanation

- Proposed Water Line
- Proposed Power Line
- Staging Area (0.5 acre - Public Land)
- Long-Term Water Line ROW (20 feet wide)
- Short-Term Water Line ROW (45 feet wide)
- Long-Term Power Line ROW (100 feet wide)

Land Status

- Bureau of Land Management

0 200 400 Feet N

CASTLE MOUNTAIN VENTURE

IVANPAH WATER AND POWER LINE RIGHTS-OF-WAY PROJECT

Staging Area SA-4 Detail

Label: Figure 7	Drawn By: TJC
Date: 01/10/2025	Project No.: 2268.01
Base Map: USGS 100k Quads: Ivanpah, Mesquite Lake	
File Name: 10102_Ivanpah_working.mxd	

WestLand