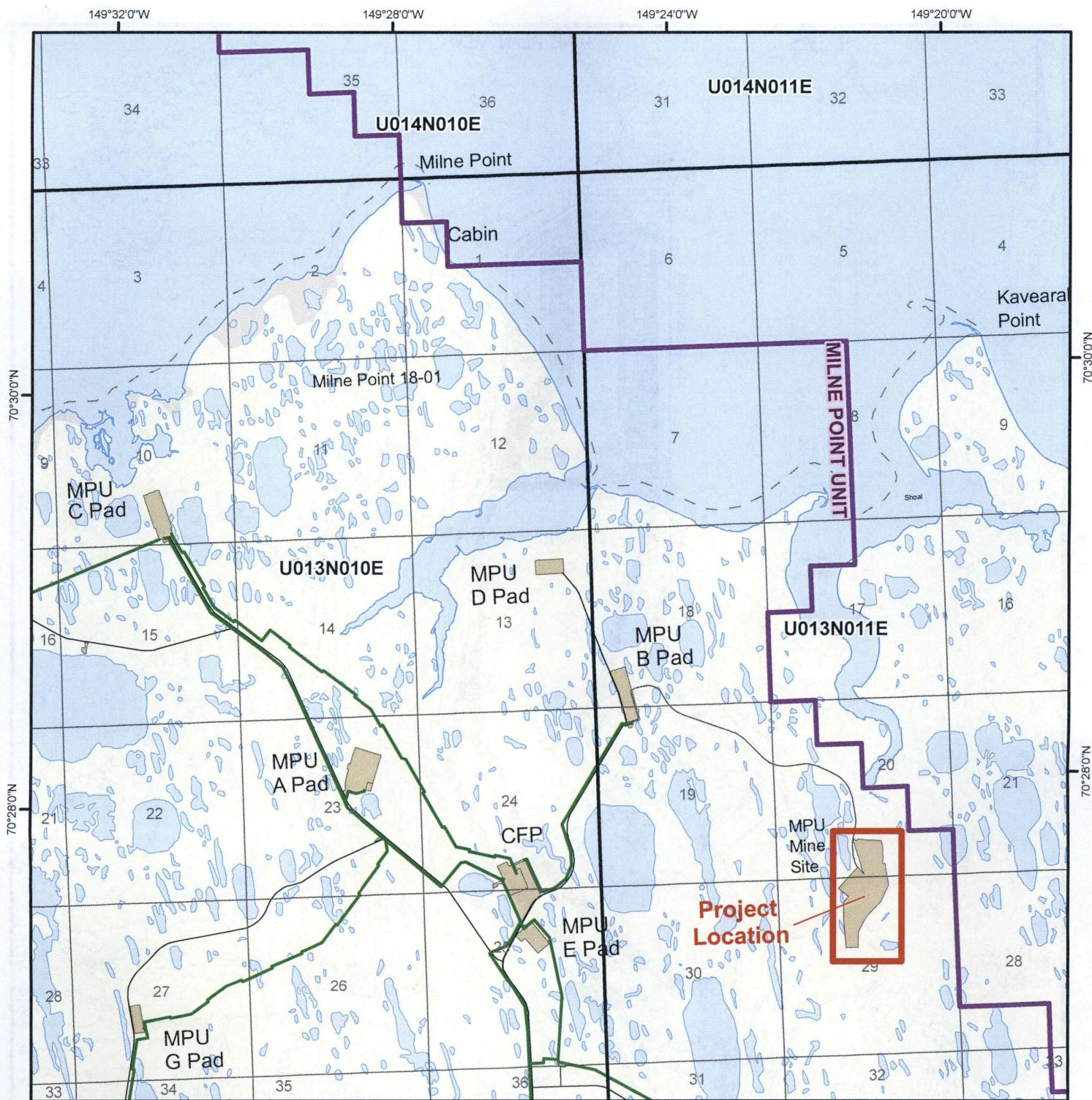




Project Location:
Milne Point Unit - Mine Site

Latitude (Decimal Degrees): 70.45722, NAD 1983
Longitude (Decimal Degrees): -149.358822, NAD 1983

Alaska State Plane Zone 4, NAD 1983
X = 1718974.32
Y = 6017105.12

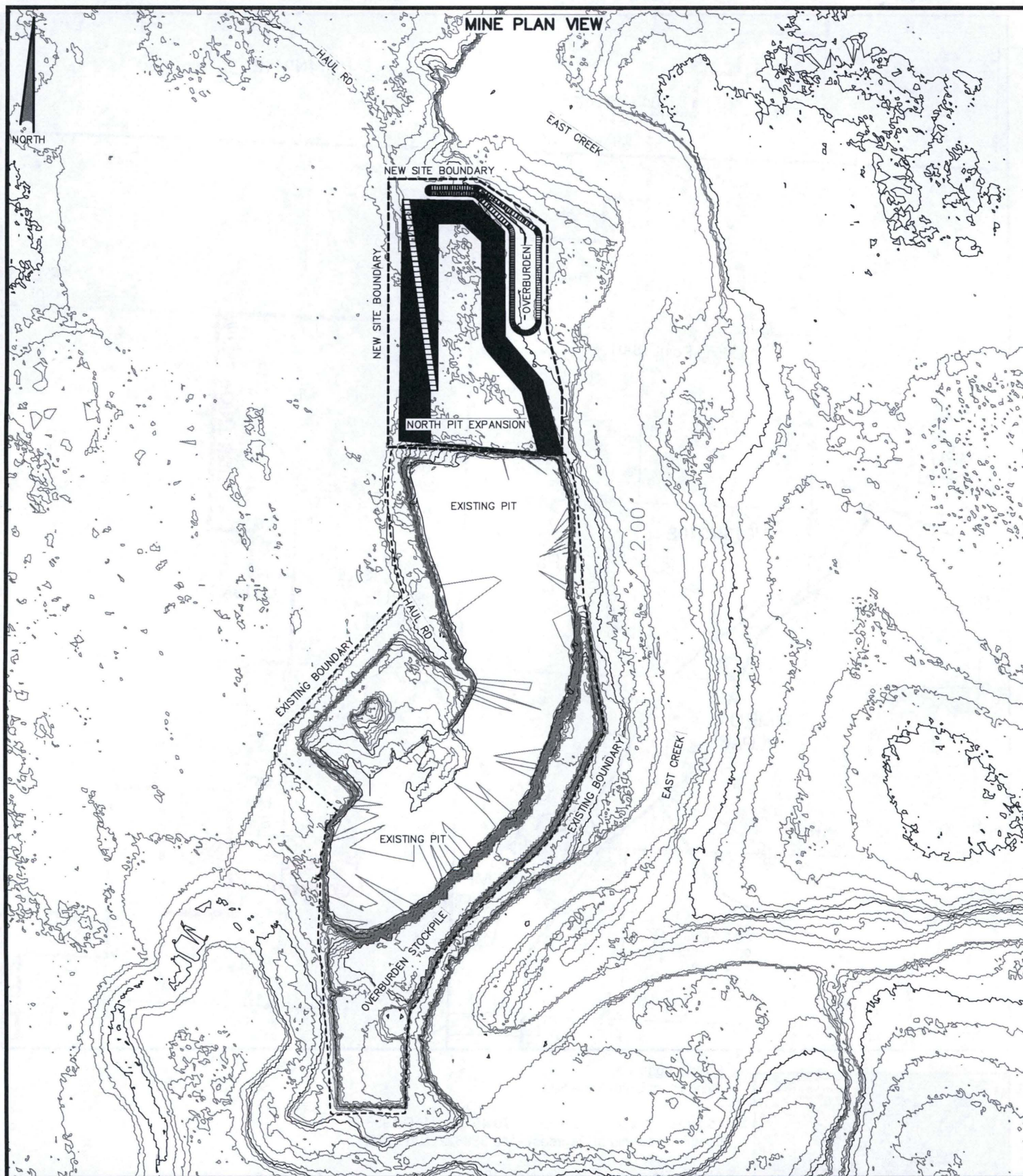
Sec. 20, 29, T13N, R11E, Umiat Meridian

ADL 028231, ADL 047438
Adjacent Property Owner: State of Alaska

Legend

- Existing Pipeline (Above Ground)
- Oil and Gas Unit Boundary





NOTES:

1.) NORTH PIT EXPANSION TO BE A CONTINUATION OF THE EXISTING GRAVEL BORROW SITE INTO UNDISTURBED GROUND TO THE NORTH

LEGEND



EXISTING 2' CONTOURS



PROPOSED 2' CONTOURS



CROSS SECTION DESIGNATION

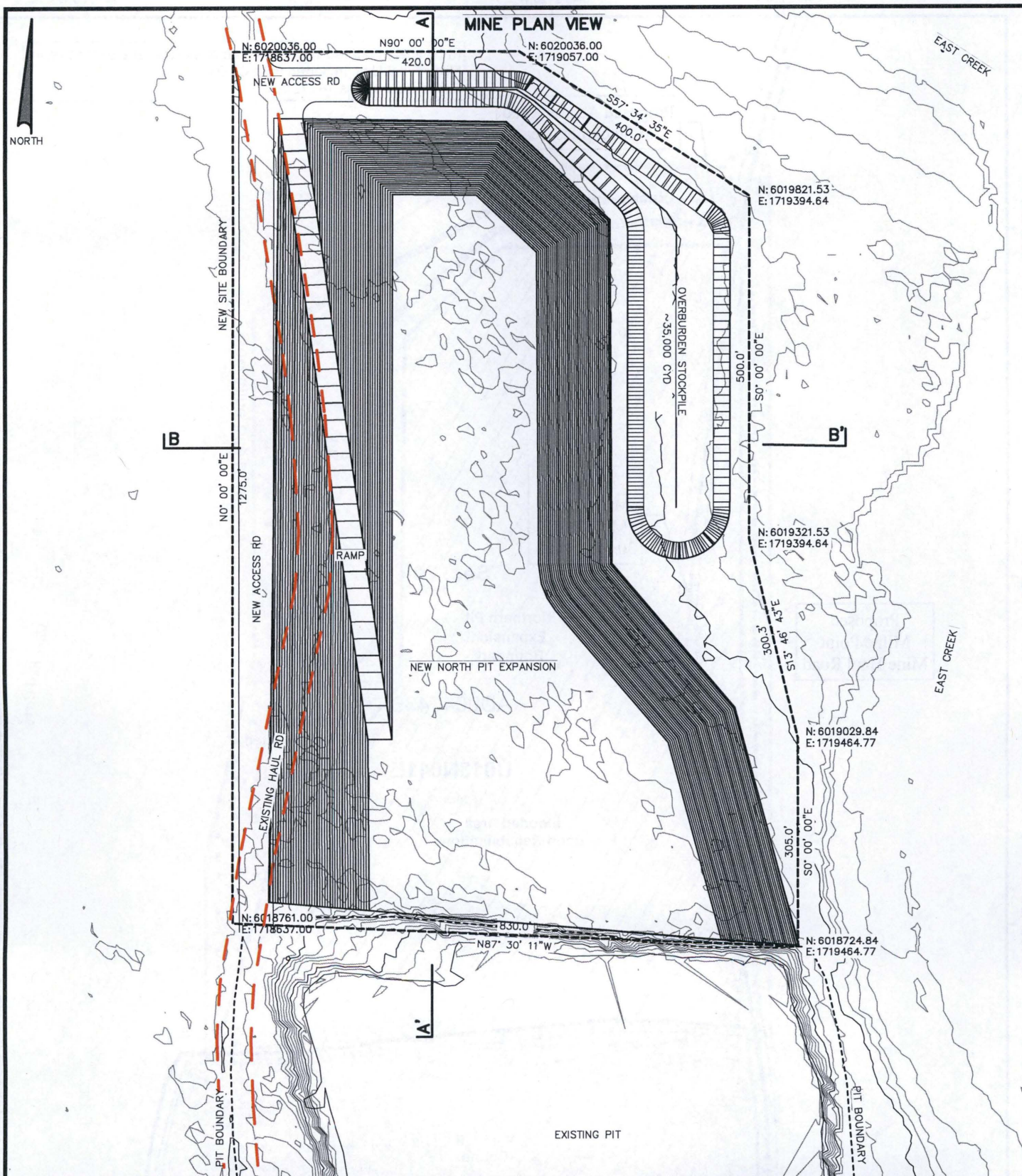
NADB3 (2011) SPCS AKZ4N FT

**MATERIAL SITE EXPANSION
APPLICANT: HILCORP**

**MILNE POINT UNIT
NORTH PIT EXPANSION
SITE OVERVIEW**

POA-1981-243

Figure 2 of 7



NOTES:

- 1.) BORROW MATERIAL IS FROZEN GRAVEL
- 2.) VEGETATION CONSISTS OF TUNDRA AND SHRUBS
- 3.) 400,000 CYD OVERBURDEN EST.
- 4.) 915,000 CYD GRAVEL EST.
- 5.) MAJORITY OVERBURDEN TO BE STORED IN EXISTING MINE CELL
- 6.) TOTAL SITE AREA = 22.37 ACRES
- 7.) MINED AREA = 15.15 ACRES
- 8.) OVERBURDEN STOCKPILE = 2.5 ACRES

LEGEND

- EXISTING 2' CONTOURS
 - PROPOSED 2' CONTOURS
 - CROSS SECTION DESIGNATION
- NAD83 (2011) SPCS AKZ4N FT

**MATERIAL SITE EXPANSION
APPLICANT: HILCORP**

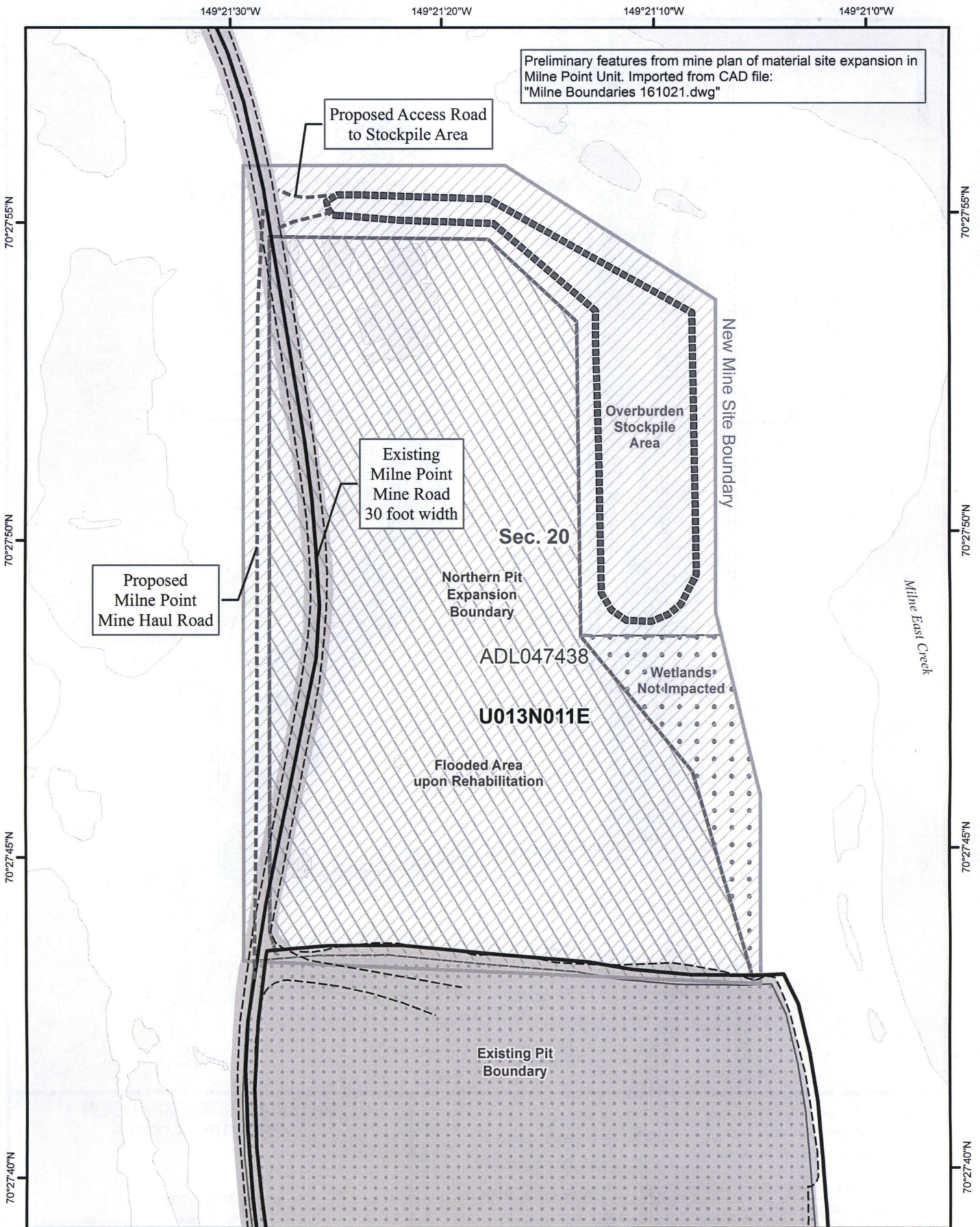
**MILNE POINT UNIT
MINE PLAN
NORTH PIT EXPANSION
POA-1981-243**

Figure 3 of 7

DATE: NOVEMBER 2016

SCALE: H 1"=200'

FIG: 3 of 6

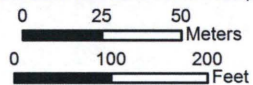


Hilcorp Alaska, LLC
3800 Centerpoint Dr. Suite 1400
Anchorage, AK 99503
Map Date: 11/23/2016

POA-1981-243
Figure 4 of 7

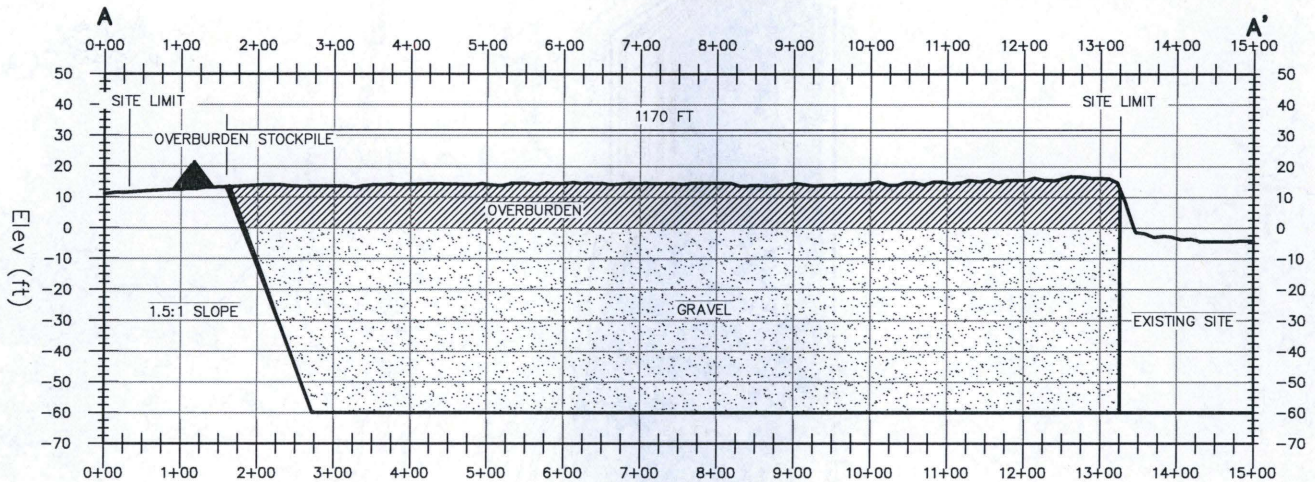
Milne Point Unit Mine Plan North Pit Expansion

Alaska StatePlane Zone 4 NAD 1983 (Feet)



MINE PLAN CROSS SECTIONS

N-S CROSS SECTION

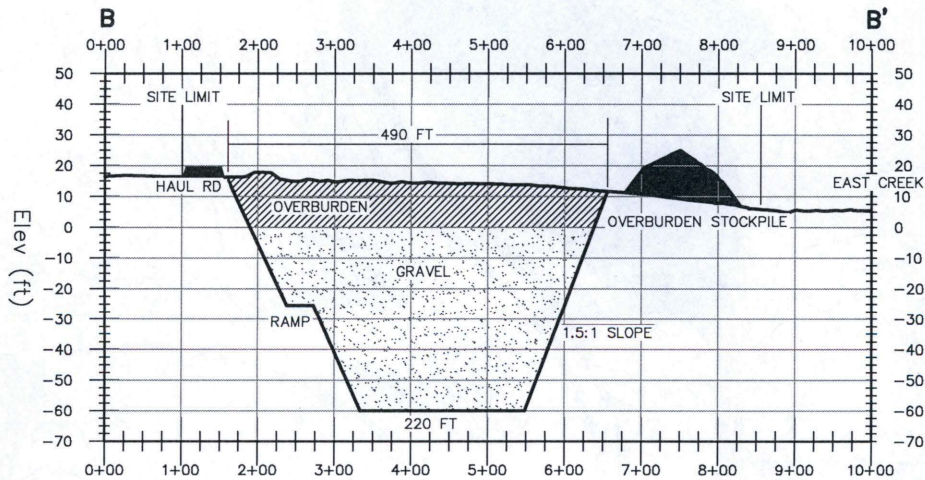


NOTES:

PIT WILL BE MINED AS AN EXTENSION OF THE EXISTING MINE SITE.

FINAL DIMENSIONS AND DEPTH ARE APPROXIMATE AND WILL BE DEPENDENT ON AVAILABLE GRAVEL DEPTH.

E-W CROSS SECTION

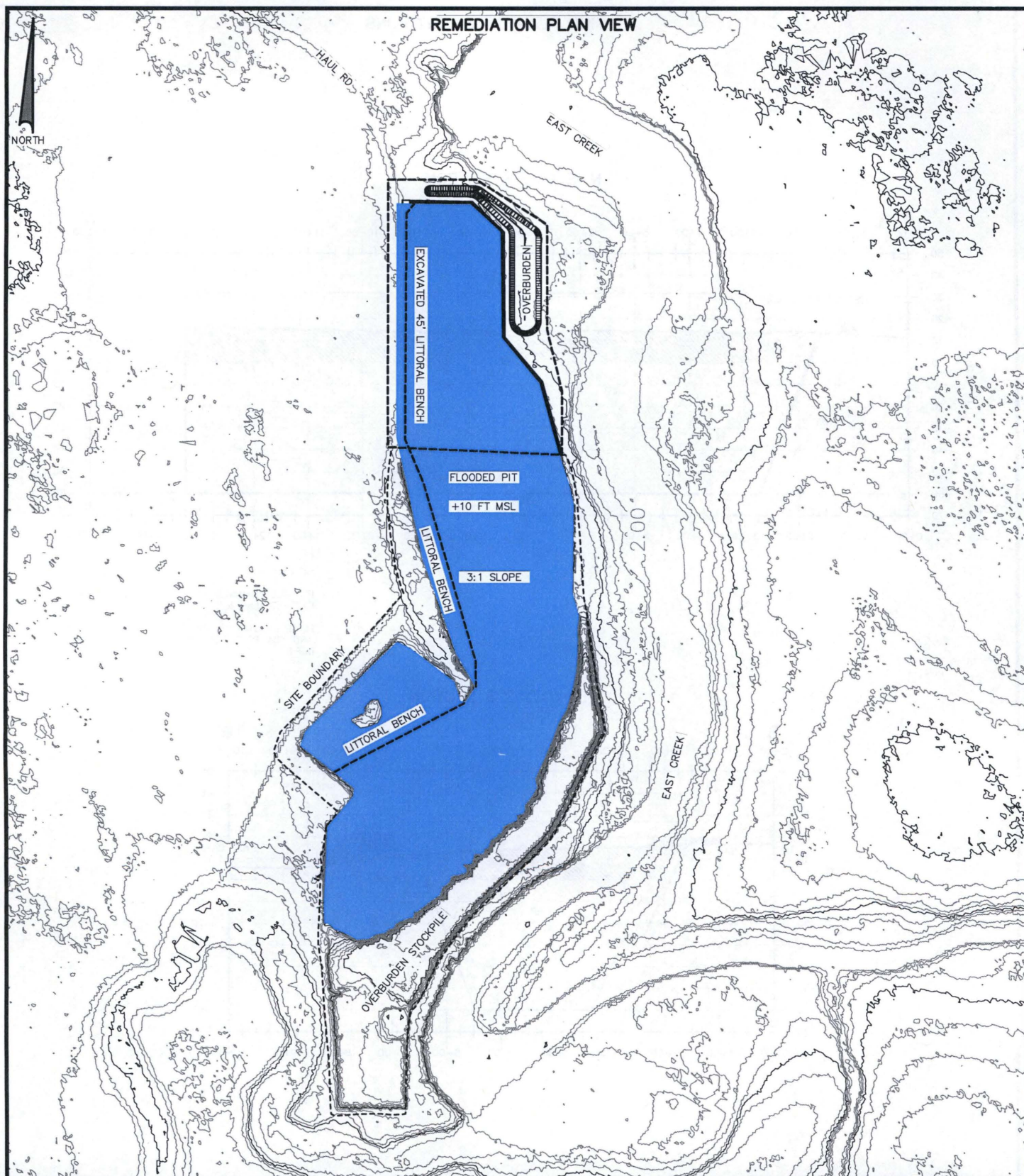


MATERIAL SITE EXPANSION
APPLICANT: HILCORP

MILNE POINT UNIT
CROSS SECTIONS
NORTH PIT EXPANSION

POA-1981-243

Figure 5 of 7



NOTES:

- 1.) OVERBURDEN PILE FROM NORTH EXPANSION TO BE GRADED TO 3:1 OR FLATTER
- 2.) HAUL ROAD TO BE REMOVED AND EXCAVATED TO CREATE 1.2 ACRES OF NEW LITTORAL BENCH
- 3.) ADDITIONAL LITTORAL BENCH CREATED FROM OVERBURDEN PLACED IN THE EXISTING PIT TO BE GRADED AT 3:1 OR FLATTER ON OUTER EDGE
- 4.) APPROX. FLOODED AREA = 56.7 ACRES
- 5.) APPROX. LITTORAL AREA = 8.7 ACRES

LEGEND

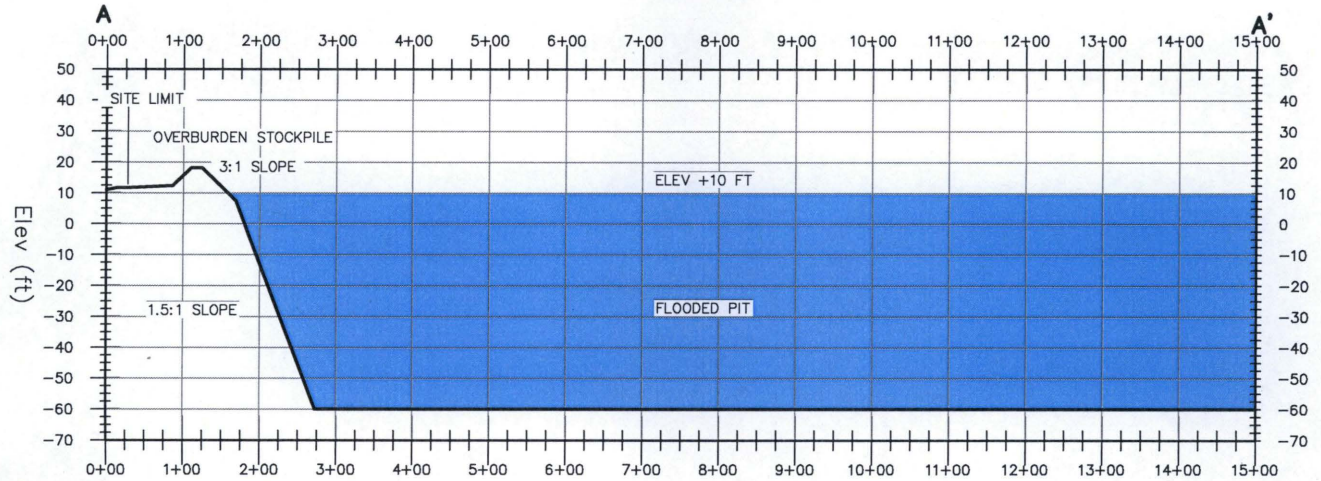
-  EXISTING 2' CONTOURS
 -  PROPOSED 2' CONTOURS
 -  CROSS SECTION DESIGNATION
- NAD83 (2011) SPCS AKZ4N FT

MATERIAL SITE EXPANSION APPLICANT: HILCORP

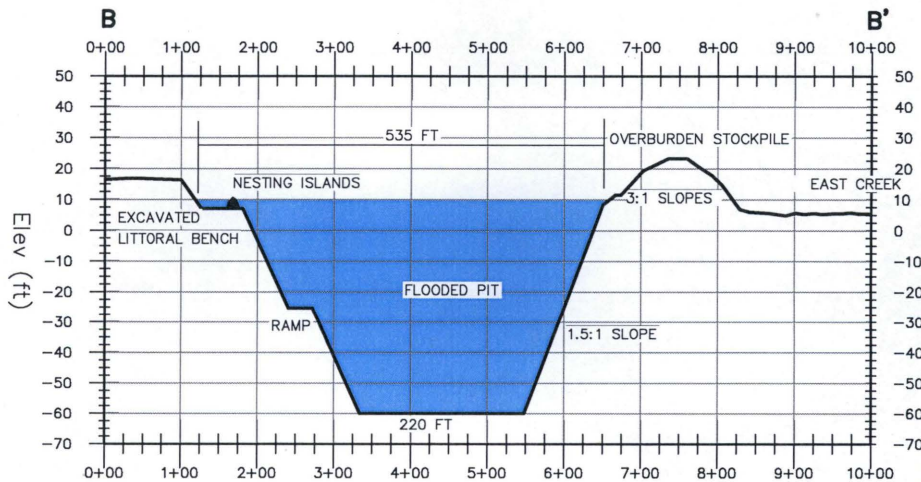
MILNE POINT UNIT
REMEDIATION PLAN
SITE OVERVIEW
POA-1981-243
Figure 6 of 7

REMEDATION CROSS SECTIONS

N-S CROSS SECTION



E-W CROSS SECTION



NOTES:

HAUL ROAD REMOVED FROM WEST SIDE OF PIT
AND OVERBURDEN EXCAVATED DOWN TO ~7 FT
ELEV FOR LITTORAL BENCH CONSTRUCTION.

ALL SLOPES ABOVE WATERLINE TO BE REDUCED
TO 3:1 OR FLATTER

MATERIAL SITE EXPANTION
APPLICANT: HILCORP

MILNE POINT UNIT
REMEDATION
CROSS SECTIONS

POA-1981-243

Figure 7 of 7