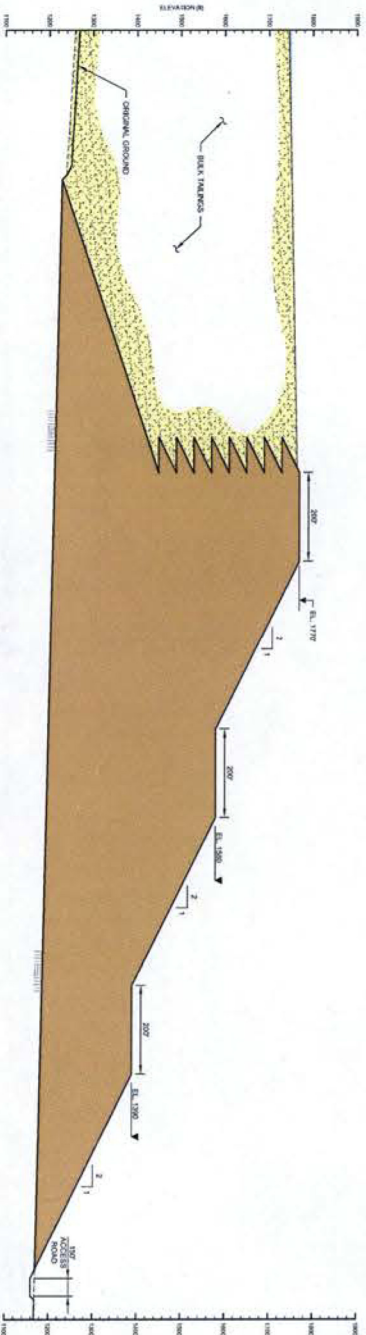


SECTION 1

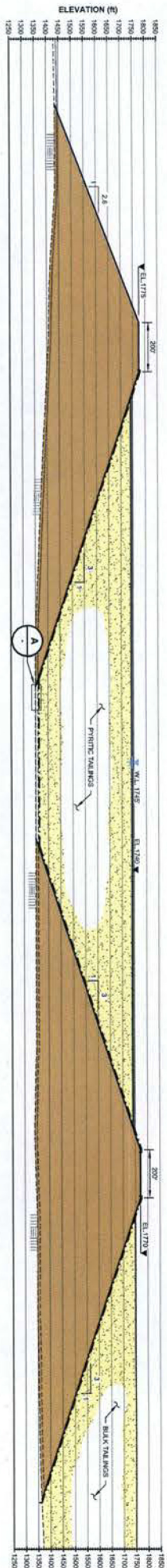


SECTION 2

- LEGEND:**
- BLACK TAILINGS
  - OVERBURDEN STOCKPILE
  - GROWTH MEDIUM STOCKPILE
  - EMBANKMENT FILL
  - ROAD
  - POND

- NOTES:**
1. COORDINATE GRID IS UTM NAD83, ALASKA STATE PLANE, ZONE 5.
  2. CONTOUR INTERVAL IS 25 FEET.
  3. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.
  4. TYPICAL ROAD SECTIONS AND DETAILS SHOWN ON DWG CD-10.

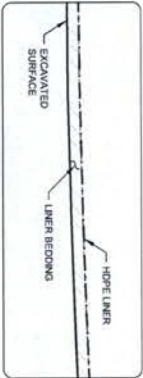
<b>PEBBLE PROJECT</b>		<b>DRAWING TITLE:</b>	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		MAIN EMBANKMENT TYPICAL SECTIONS	
LAI, LONGS OF MINE		DATE:	
89°53'12.7"N 158°18'28.3"W		DECEMBER 2017	
PROPOSED ACTIVITY:		FIGURE NO.	
MINERAL DEVELOPMENT		MX-001	
WATERWAY:		FILE NO.	
KOKTUU RIVER		POA-2017-271	



SOUTH EMBANKMENT - FINAL

SECTION 1

INTERNAL EMBANKMENT - FINAL



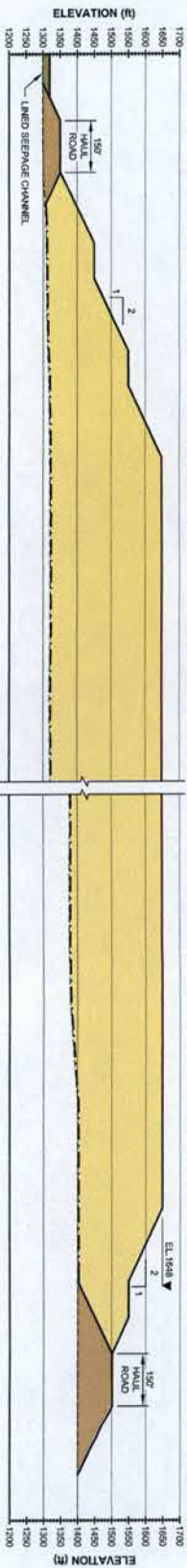
DETAIL A

- LEGEND:**
- TALINGS
  - OVERBURNED STOCKPILE
  - GROWTH MEDIUM STOCKPILE
  - EMBANKMENT FILL
  - POND
  - HOPE LINER

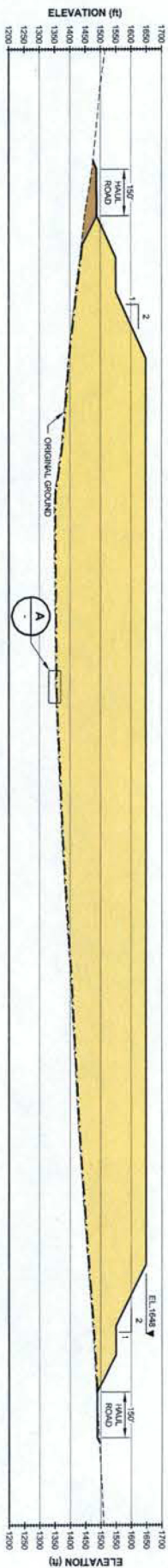
- NOTES:**
- COORDINATE GRID IS UTM NAD83 ALASKA STATE PLAINS ZONE 5.
  - CONTOUR INTERVAL IS 25 FEET.
  - DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.

PEBBLE PROJECT		DRAWING TITLE:	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		SOUTH AND INTERNAL EMBANKMENT TYPICAL SECTIONS	
FILE NO.	POA-2017-271	DATE:	DECEMBER 2017
FIGURE NO.	MX-002		
WATERWAY: KOKTUU RIVER		PROPOSED ACTIVITY: MINERAL DEVELOPMENT	
LAT. LONG. OF MINE: 69°33'13.5"N 155°18'23.5"W			

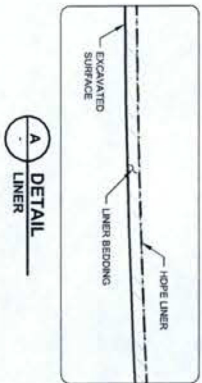




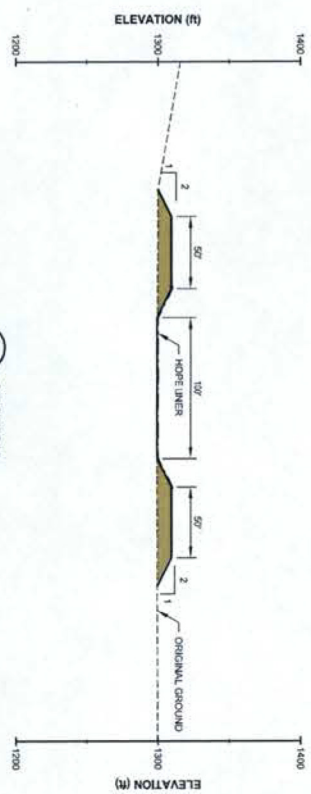
1 SECTION



2 SECTION



A DETAIL  
LINER

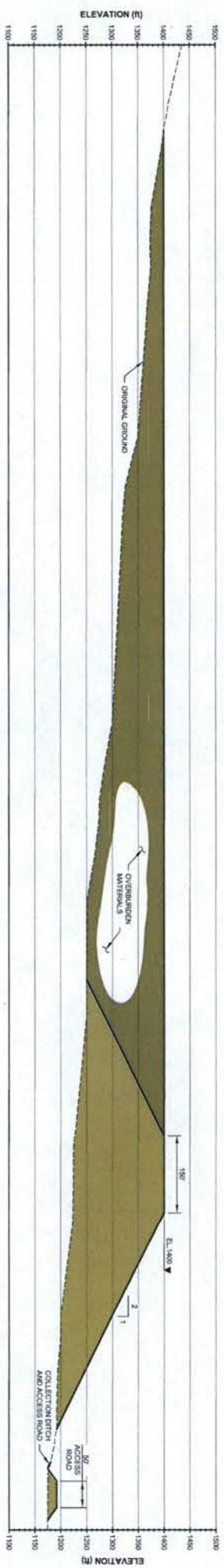


3 SECTION  
SEEPAGE CHANNEL

- NOTES:**
1. COORDINATE GRID IS UTM NAD83, ALASKA STATE PLAINES, ZONE 5.
  2. CONTOUR INTERVAL IS 25 FEET.
  3. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.
  4. TYPICAL ROAD SECTIONS AND DETAILS SHOWN ON DWG CCH-10.

- LEGEND:**
- LOW GRADE ONE
  - SELECT FILL (ROAD ACCESS)
  - LINER BEDDING
  - HOPE OR LIDPE LINER

PEBBLE PROJECT		DRAWING TITLE:	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		LGO STOCKPILE TYPICAL SECTIONS	
DATE: DECEMBER 2017	FIGURE NO. MX-003	FILE NO. POA-2017-271	PROPOSED EXPOSURE: MINERAL DEVELOPMENT
WATERWAY: KONTULU RIVER	DATE: DECEMBER 2017	FIGURE NO. MX-003	DATE: DECEMBER 2017



- NOTES:**
1. COORDINATE GRID IS UTM NAD83, ALASKA STATE PLANE, ZONE 5.
  2. CONTOUR INTERVAL IS 25 FEET.
  3. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.
  4. TYPICAL ROAD SECTIONS AND DETAILS SHOWN ON DWG C0410.

**LEGEND:**

	SELECT FILL (SELECT OVERBURDEN MATERIALS)
	OVERBURDEN

1 SECTION  
M-2002

<b>PEBBLE PROJECT</b> <b>APPLICANT: PEBBLE LIMITED PARTNERSHIP</b>		<b>DRAWING TITLE:</b> <b>OPEN PIT OVERBURDEN STOCKPILE TYPICAL SECTION</b>	
L.A. LONG, OF MINE 59-931479, 168-18743.7W WATERWAY KONTULU RIVER	PROPOSED ACTIVITY: MINERAL DEVELOPMENT FILE NO. POA-2017-271	DATE: DECEMBER 2017	FIGURE NO. MX-004



- NOTES:**
1. COORDINATE GRID IS UTM NAD 83, ALASKA STATE PLAINS ZONE 5.
  2. CONTIGUOUS INTERVAL IS 25 FEET.
  3. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.
  4. TYPICAL ROAD SECTIONS AND DETAILS SHOWN ON DWG C0410.

**NOTES:**

1. COORD

2. CONTOUR INTERVAL IS 25 FEET.

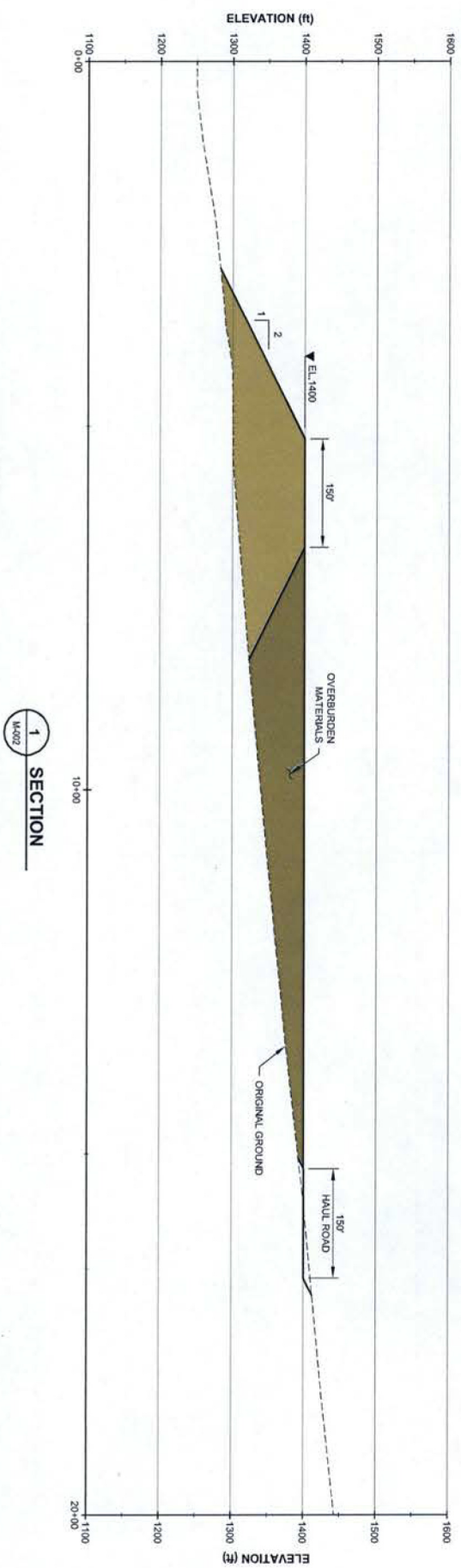
3. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.

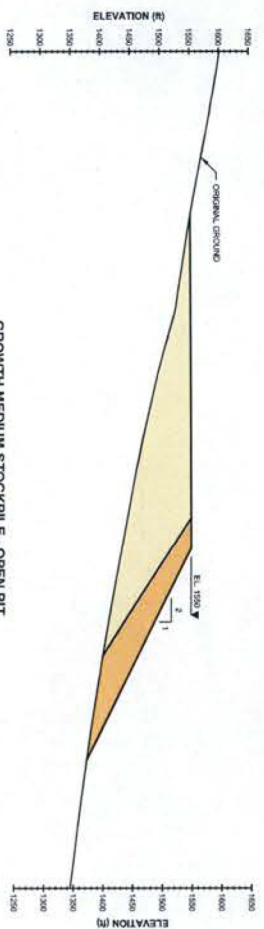
#### 4. TYPICAL ROAD SECTIONS AND DETAILS SHOWN ON DWG C0410.

**LEGEND:**

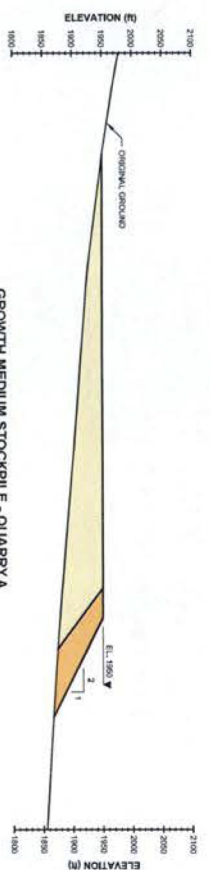
SELECT FILL (SELECT OVERBURDEN MATERIALS)

OVERBURDEN

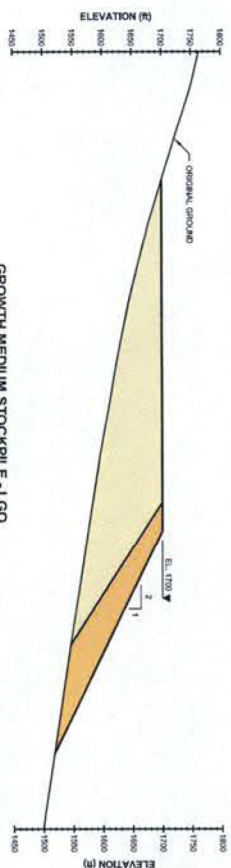




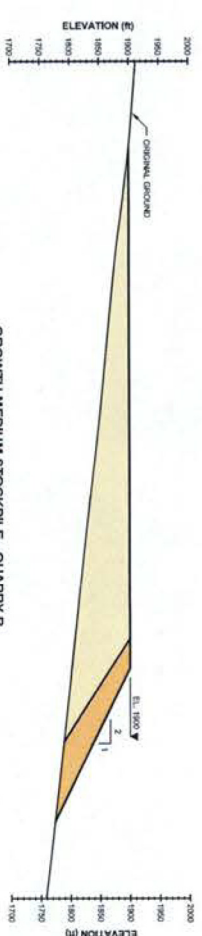
GROWTH MEDIUM STOCKPILE - OPEN PIT  
M-008



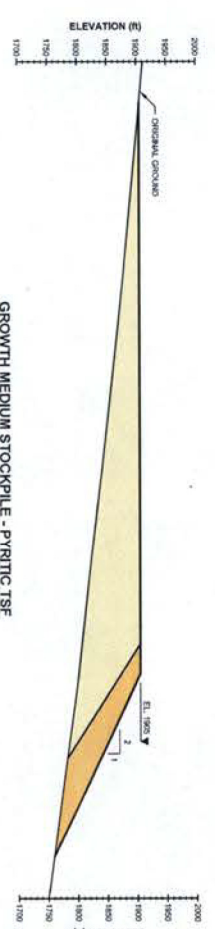
GROWTH MEDIUM STOCKPILE - QUARRY A  
M-009



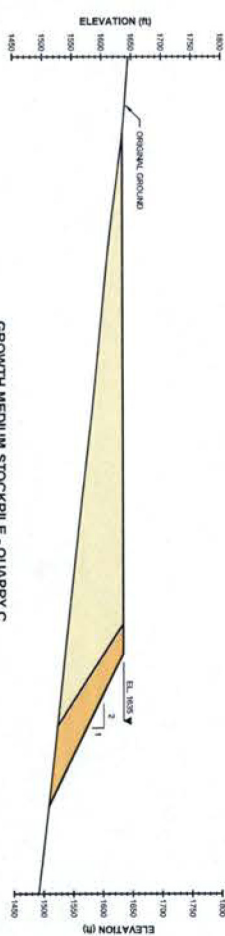
GROWTH MEDIUM STOCKPILE - LGO  
M-011



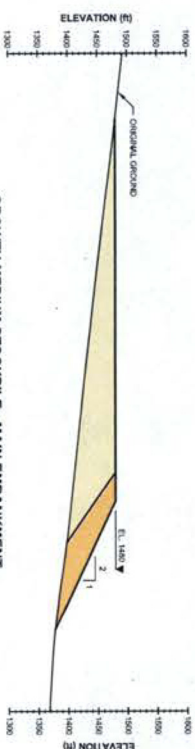
GROWTH MEDIUM STOCKPILE - QUARRY B  
M-014



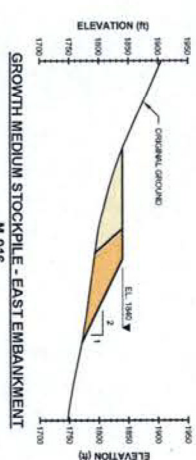
GROWTH MEDIUM STOCKPILE - PYRITIC TSF  
M-014



GROWTH MEDIUM STOCKPILE - QUARRY C  
M-006



GROWTH MEDIUM STOCKPILE - MAIN EMBANKMENT  
M-006



GROWTH MEDIUM STOCKPILE - EAST EMBANKMENT  
M-016

**LEGEND:**  
 TOPSOIL  
 SELECT FILL (TOPSOIL MATERIALS)

**NOTES:**  
 1. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.

<b>PEBBLE PROJECT</b>		<b>DRAWING TITLE:</b>	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		<b>GROWTH MEDIUM STOCKPILES</b>	
LAT. LONG. OF MINE 59°53'12.7"W 155°18'23.3"W		<b>TYPICAL SECTIONS</b>	
PROPOSED ACTIVITY: MINERAL DEVELOPMENT			
WATERWAY: KOKTUI RIVER			
FILE NO. POA-2017-271			
DATE: DECEMBER 2017			
		FIGURE NO. MX-006	

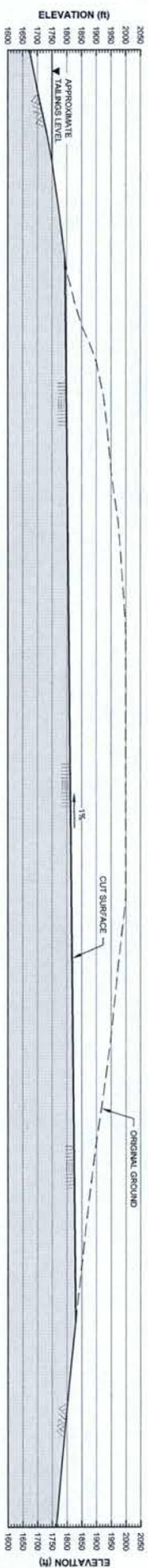




**A** QUARRY A  
M-007



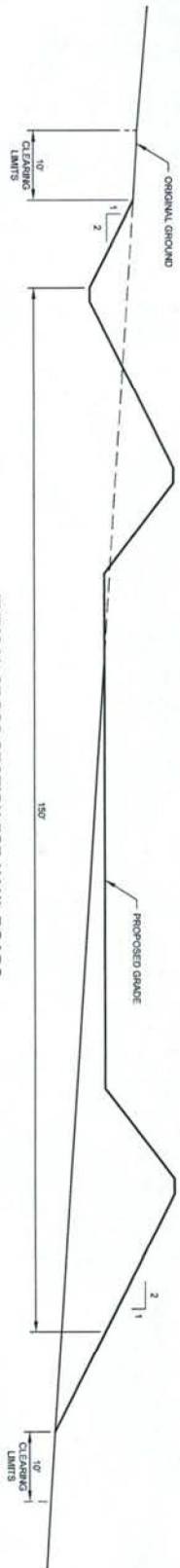
**B** QUARRY B  
M-007



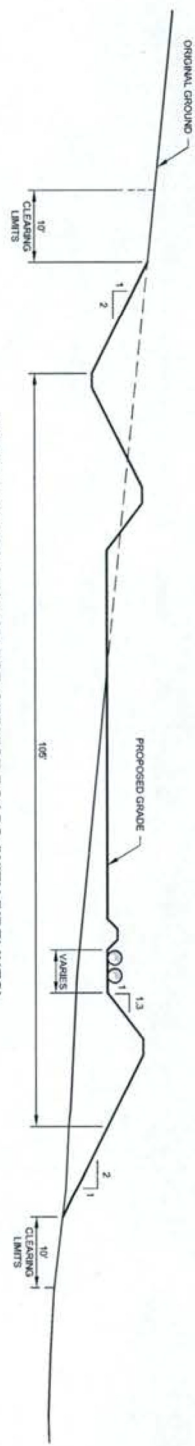
**C** QUARRY C  
M-007

- NOTES:**
1. COORDINATE GRID IS UTM NAD83, ALASKA STATE PLANE, ZONE 5.
  2. CONTOUR INTERVAL IS 25 FEET.
  3. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.

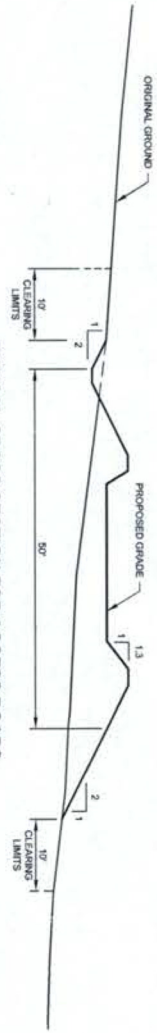
PEBBLE PROJECT		DRAWING TITLE:	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		QUARRY A, B, AND C TYPICAL SECTIONS	
DATA: LONG OF MINE 99°53'13.97" N 185°16'23.7" W	PROPOSED ACTIVITY: MINERAL DEVELOPMENT	DATE: DECEMBER 2017	FIGURE NO. MX-007
WATERWAY: KONTULI RIVER	FILE NO. POA-2017-271		



TYPICAL CROSS SECTION FOR HAUL ROADS



TYPICAL CROSS SECTION FOR SERVICE ROADS (WITH PIPELINES)



TYPICAL CROSS SECTION FOR ACCESS ROADS

- NOTES:**
1. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.
  2. BERM AND DITCH SLOPES TO BE BASED ON ROAD TRAFFIC REQUIREMENTS.

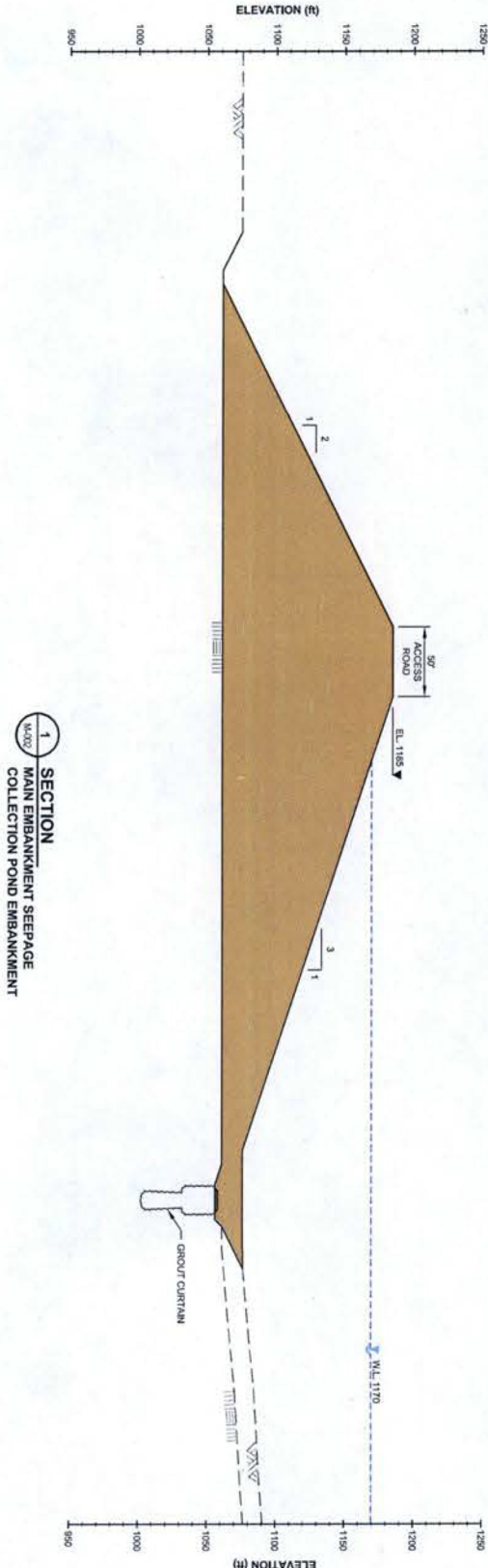
<b>PEBBLE PROJECT</b> APPLICANT: PEBBLE LIMITED PARTNERSHIP LAT. LONG. OF MINE: 69°33'12.27" W 145°18'24.25" W WATERWAY: KOKTULU RIVER		PROPOSED ACTIVITY: MINERAL DEVELOPMENT FILE NO. POA-2017-271	DRAWING TITLE: <b>HAUL, SERVICE, AND ACCESS          ROADS TYPICAL SECTIONS</b> DATE: DECEMBER 2017 FIGURE NO. MX-008
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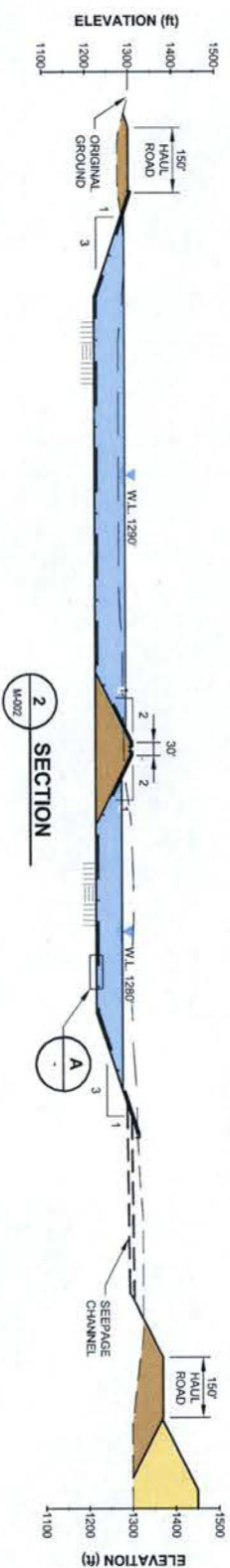
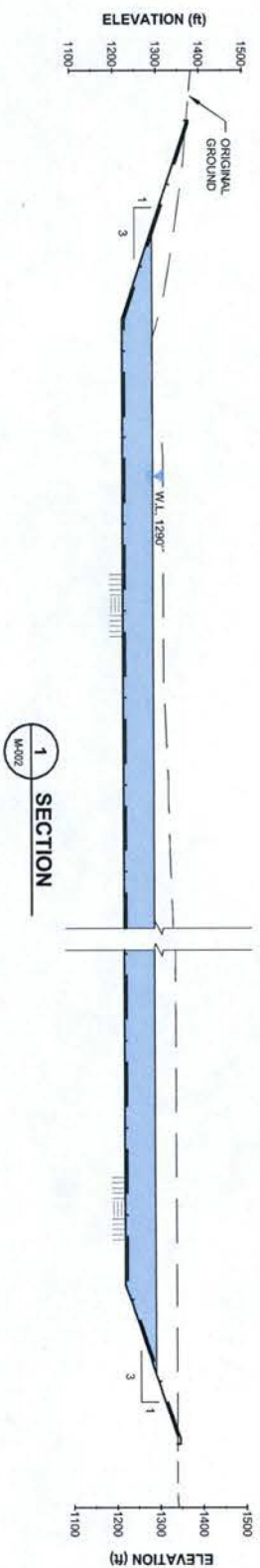
- NOTES:**
1. COORDINATE GRID IS UTM WD 83, ALASKA STATE PLAINS ZONE 5.
  2. CONTOUR INTERVAL IS 25 FEET.
  3. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.
  4. TYPICAL ROAD SECTIONS AND DETAILS SHOWN ON DWG CDA10.

**LEGEND:**

 SELECT FILL

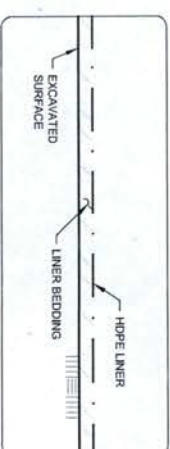


<b>PEBBLE PROJECT</b>		<b>DRAWING TITLE:</b>	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		MAIN EMBANKMENT SEEPAGE COLLECTION POND TYPICAL SECTION	
DATA: TONGUE OF RIVER SP-531237-16-18-23-27-1	PROPOSED ACTIVITY: MINERAL DEVELOPMENT	DATE: DECEMBER 2017	FIGURE NO. MX-009
WATERWAY: KOKTULU RIVER		FILE NO. POA-2017-271	



- LEGEND:**
- LOW GRADE ONE
  - SELECT FILL
  - POND
  - LINER BEDDING
  - HOPE LINER

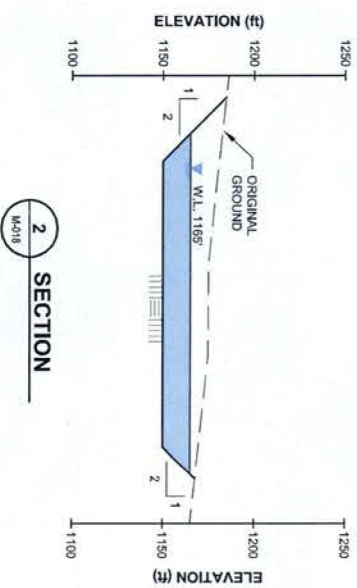
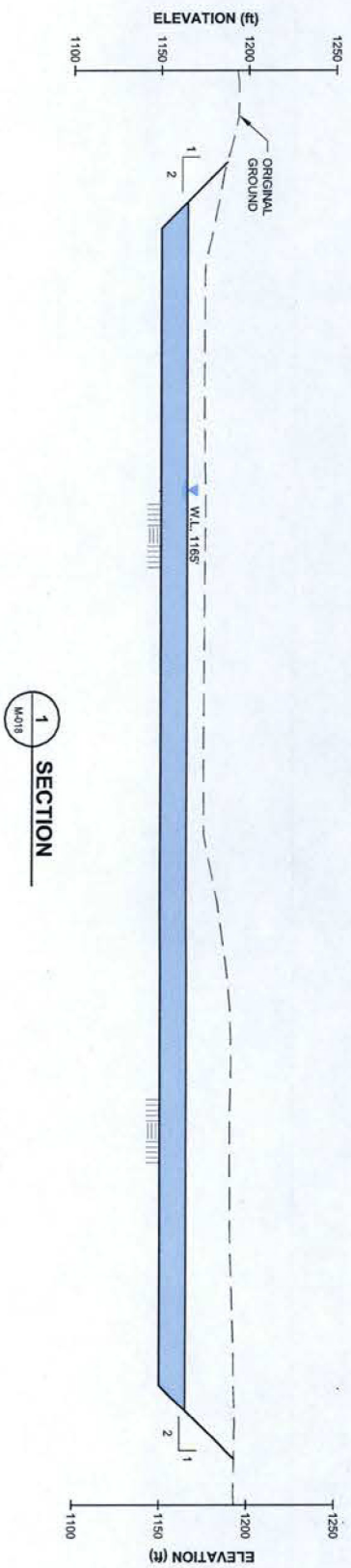
- NOTES:**
1. COORDINATE GRID IS UTM NAD 83, ALASKA STATE PLANE'S ZONE 5.
  2. CONTOUR INTERVAL IS 10 FEET.
  3. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.
  4. TYPICAL ROAD SECTIONS AND DETAILS SHOWN ON DWG C04103.



**A**  
LINER  
SCALE

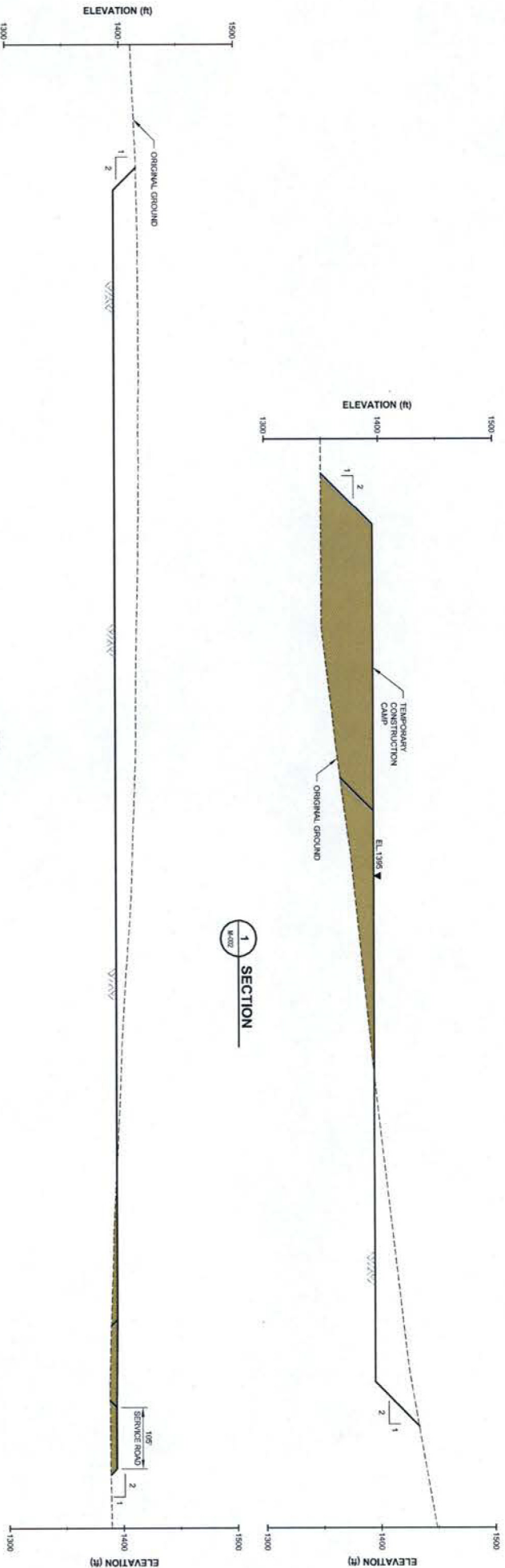
<b>PEBBLE PROJECT</b>		<b>DRAWING TITLE:</b>	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		LGO AND MAIN WATER MANAGEMENT POND TYPICAL SECTIONS	
LAT. LONG. OF MINE	PROPOSED ACTIVITY:		
69°33'12.97" N 155°18'23.3" W	MINERAL DEVELOPMENT		
WATERWAY KOKTUU RIVER	FILE NO.	DATE:	FIGURE NO.
	POA-2017-271	DECEMBER 2017	MX-010





- NOTES:**
1. COORDINATE GRID IS UTM WMO 83, ALASKA STATE PLAINS ZONE 6.
  2. CONTOUR INTERVAL IS 10 FEET.
  3. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.

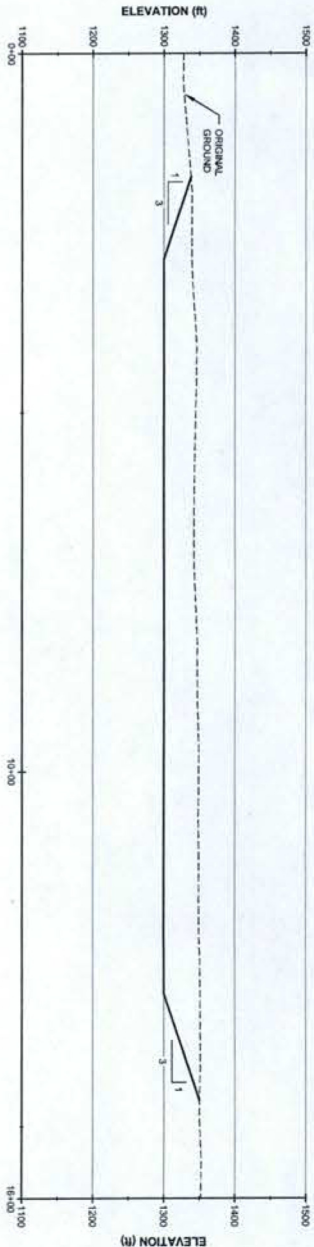
<b>PEBBLE PROJECT</b>		<b>DRAWING TITLE:</b>	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		OPEN PIT OVERBURDEN STOCKPILE SEDIMENT POND TYPICAL SECTIONS	
DATE, LONG. OF MINE	PROPOSED ACTIVITY:	DATE:	
8/8/93/128°N. 165°18'23"W	MINERAL DEVELOPMENT	DECEMBER 2017	
WATERWAY:	FILE NO.	FIGURE NO.	
KOKTULU RIVER	POA-2017-271	MX-011	



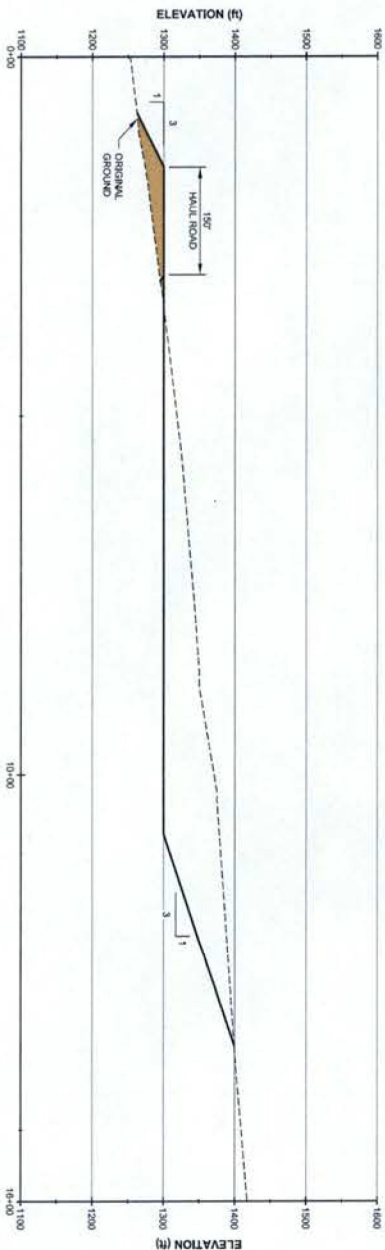
- NOTES:**
1. COORDINATE GRID IS UTM WMO 83, ALASKA STATE PLANE ZONE 5.
  2. CONTOUR INTERVAL IS 20 FEET.
  3. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.
  4. TYPICAL ROAD SECTIONS AND DETAILS SHOWN ON DING COM-15.
- LEGEND:**
- SELECT P.M.

PEBBLE PROJECT		DRAWING TITLE:	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		MILL LAYDOWN TYPICAL SECTIONS	
DATE: DECEMBER 2017	FIGURE NO. MX-012		
LAT. LONG. OF MINE: 69°53'12.87"N 155°18'28.57"W			
PROPOSED ACTIVITY: MINERAL DEVELOPMENT			
FILE NO. POA-2017-271			
WATERWAY: KOKTU RIVER			





1 SECTION



2 SECTION

- NOTES:**
1. COORDINATE GRID IS UTM NAD83, ALASKA STATE PLANE, ZONE 5.
  2. CONTOUR INTERVAL IS 20 FEET.
  3. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.
  4. TYPICAL ROAD SECTIONS AND DETAILS SHOWN ON DRG C0410.

- LEGEND:**
- EMBANKMENT FILL
  - SELECT FILL (ROAD ACCESS)

DRAWING TITLE:

PEBBLE PROJECT  
TAILINGS STORAGE FACILITY  
LAYDOWN TYPICAL SECTIONS

APPLICANT: PEBBLE LIMITED PARTNERSHIP

TA LONG OF MINE

89°53'12.29" N 155°18'2.33" W

WATERWAY  
KONTU RIVER

PROPOSED ACTIVITY:

MINERAL DEVELOPMENT

FILE NO.

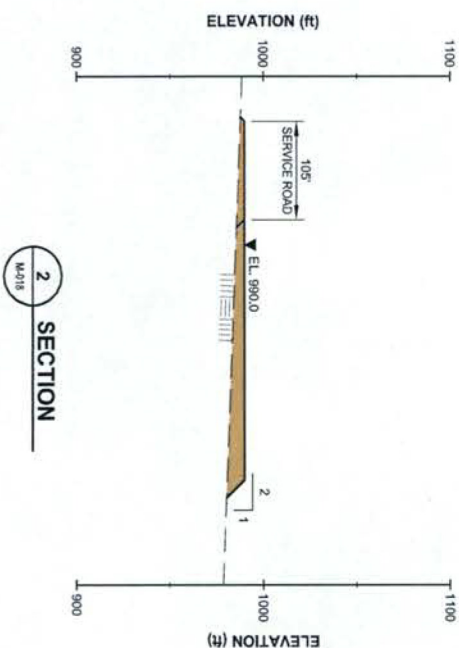
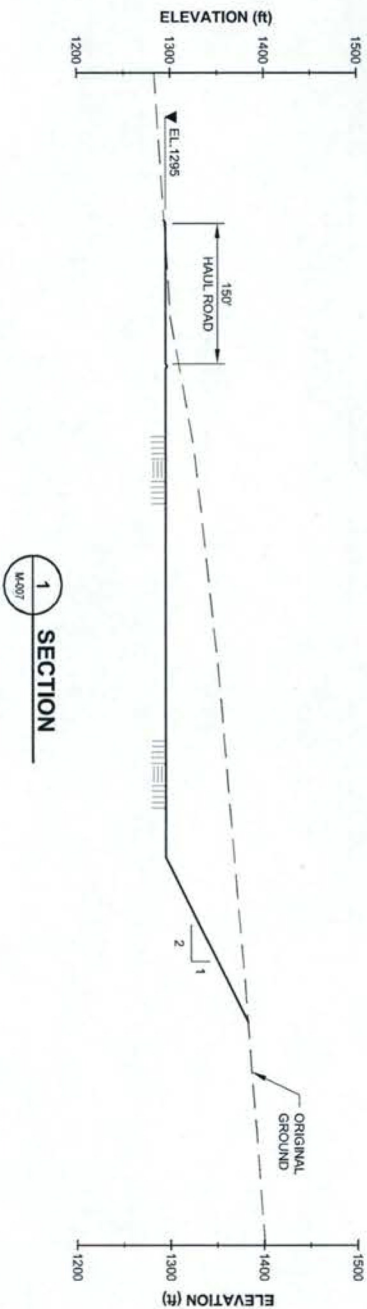
POA-2017-271

DATE:

DECEMBER 2017

FIGURE NO.

MX-013



**LEGEND:**  
SELECT FILL

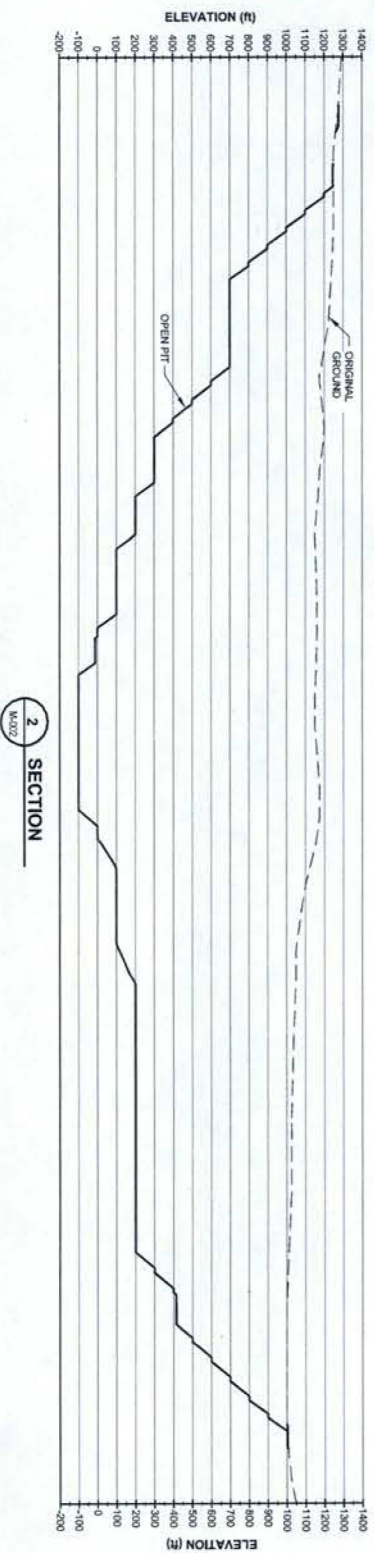
- NOTES:**
1. COORDINATE GRID IS UTM AND B, ALASKA STATE PLANE ZONE 5.
  2. CONTOUR INTERVAL IS 10 FEET.
  3. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.
  4. TYPICAL ROAD SECTIONS AND DETAILS SHOWN ON DWG. C-010.

PEBBLE PROJECT		DRAWING TITLE:	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		WATER TREATMENT PLANTS 1	
DATE: LONG OF MINE		AND 2 TYPICAL SECTIONS	
WATERWAY		PROPOSED ACTIVITY:	
MONTU RIVER		MINERAL DEVELOPMENT	
FILE NO.		DATE:	
POA-2017-271		DECEMBER 2017	
		FIGURE NO.	
		MX-014	





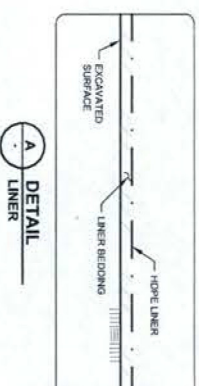
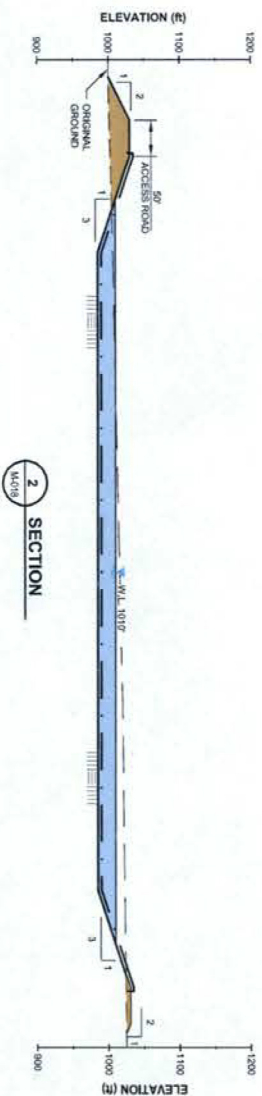
1 SECTION  
M-002



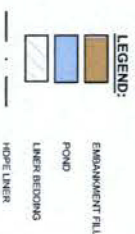
2 SECTION  
M-002

- NOTES:**
1. COORDINATE GRID IS UTM WAD 84, ALASKA STATE PLANE'S ZONE 8.
  2. CONTOUR INTERVAL IS 25 FEET.
  3. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.
  4. OPEN PIT SURFACE PROVIDED BY P.L.D. ON SEPTEMBER 28, 2017.

PEBBLE PROJECT		DRAWING TITLE:	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		OPEN PIT TYPICAL SECTIONS	
LAT. LONG. OF MINE	PROPOSED ACTIVITY	DATE:	FIGURE NO.
69°53'51.28" N 158°19'2.83" W	MINERAL DEVELOPMENT	DECEMBER 2017	MX-015
WATERWAY:	FILE NO.		
KOKTULU RIVER	POA-2017-271		



- NOTES:**
1. COORDINATE GRID IS UTM AND B, ALASKA STATE PLANE ZONE 5.
  2. CONTOUR INTERVAL IS 10 FEET.
  3. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.
  4. TYPICAL ROAD SECTIONS AND DETAILS SHOWN ON DWG CD-10.



<b>PEBBLE PROJECT</b> APPLICANT: PEBBLE LIMITED PARTNERSHIP LAT. LONG. OF MINE: 69°53'12.27" N 155°18'23.27" W WATERWAY: KONTIUV RIVER		DRAWING TITLE: <b>OPEN WATER MANAGEMENT          POND TYPICAL SECTIONS</b>	
PROPOSED ACTIVITY: MINERAL DEVELOPMENT	FILE NO. POA-2017-271	DATE: DECEMBER 2017	FIGURE NO. MX-016