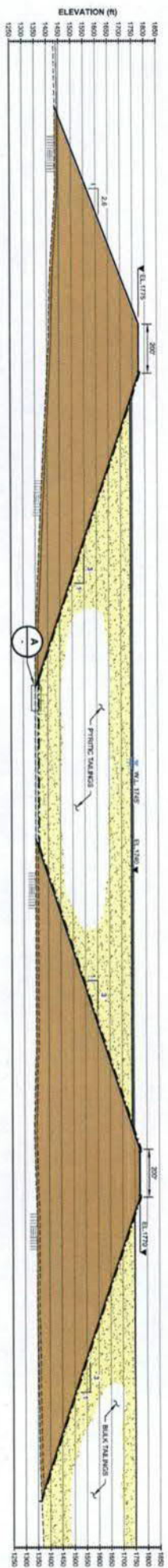


- LEGEND:**
- BLACK TAILINGS
 - OVERBURDEN STOCKPILE
 - GROWTH MEDIUM STOCKPILE
 - EMBANKMENT FILL
 - POND

- NOTES:**
1. COORDINATE GRID IS UTM ZONE 18N, 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.

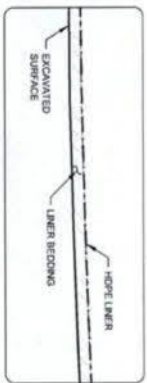
PEBBLE PROJECT		DRAWING TITLE:	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		MAIN EMBANKMENT TYPICAL SECTIONS	
LAT. LONG. OF MINE 68°43'12.7"N 155°15'23.7"W		DATE: DECEMBER 2017	
PROPOSED ACTIVITY: MINERAL DEVELOPMENT		FIGURE NO. MX-001	
WATERWAY: KOKTUU RIVER		FILE NO. POA-2017-271	



SOUTH EMBANKMENT - FINAL

INTERNAL EMBANKMENT - FINAL

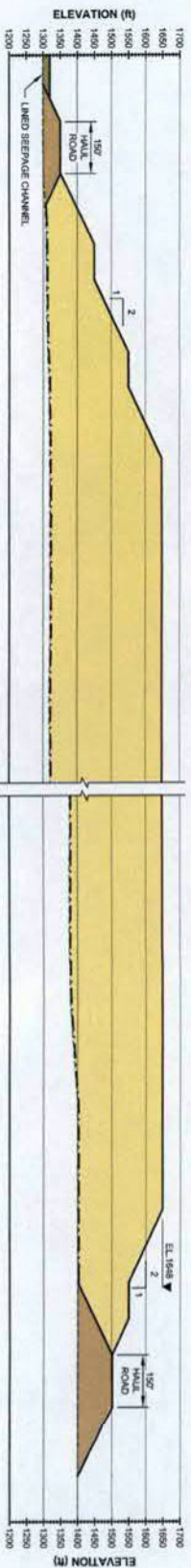
SECTION 1



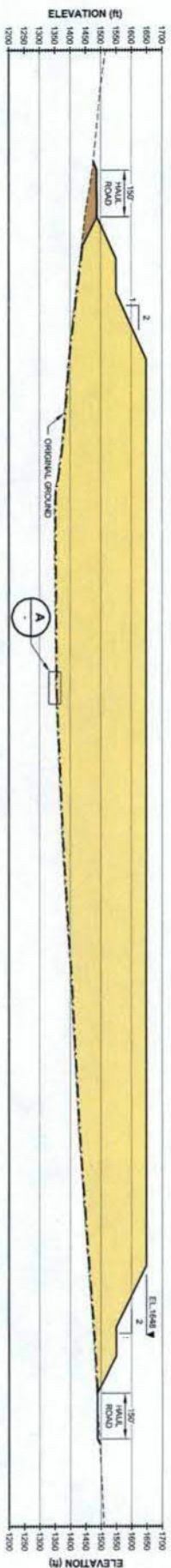
DETAIL A

- LEGEND:
- TALINGS
 - OVERBURNED STOCKPILE
 - GROWTH MEDIUM STOCKPILE
 - EMBANKMENT FILL
 - POND
 - HOPE LINER
- NOTES:
- COORDINATE GRID IS UTM NAD83 ALASKA STATE PLANNING ZONE 5.
 - CONTIGUOUS INTERVAL IS 25 FEET.
 - DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.

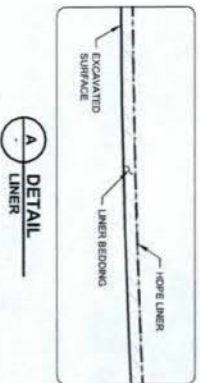
PEBBLE PROJECT		DRAWING TITLE:	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		SOUTH AND INTERNAL EMBANKMENT TYPICAL SECTIONS	
DATE: DECEMBER 2017	FIGURE NO. MX-002	PROPOSED ACTIVITY: MINERAL DEVELOPMENT	
WATERWAY: KOKTUU RIVER		FILE NO. POA-2017-271	



1 SECTION



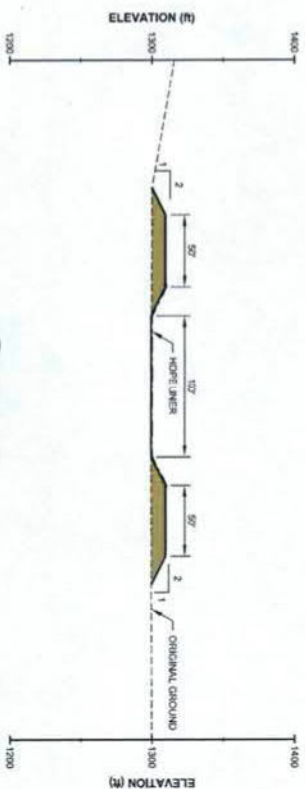
2 SECTION



A DETAIL

- NOTES:**
1. COORDINATE GRID IS UTM MGRS, ALASKA STATE PLATES, 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 CMT-10.

- LEGEND:**
- LOW GRADE ONE
 - SELECT FILL (ROAD ACCESS)
 - LINED SEEPAGE CHANNEL
 - HOPE LINER

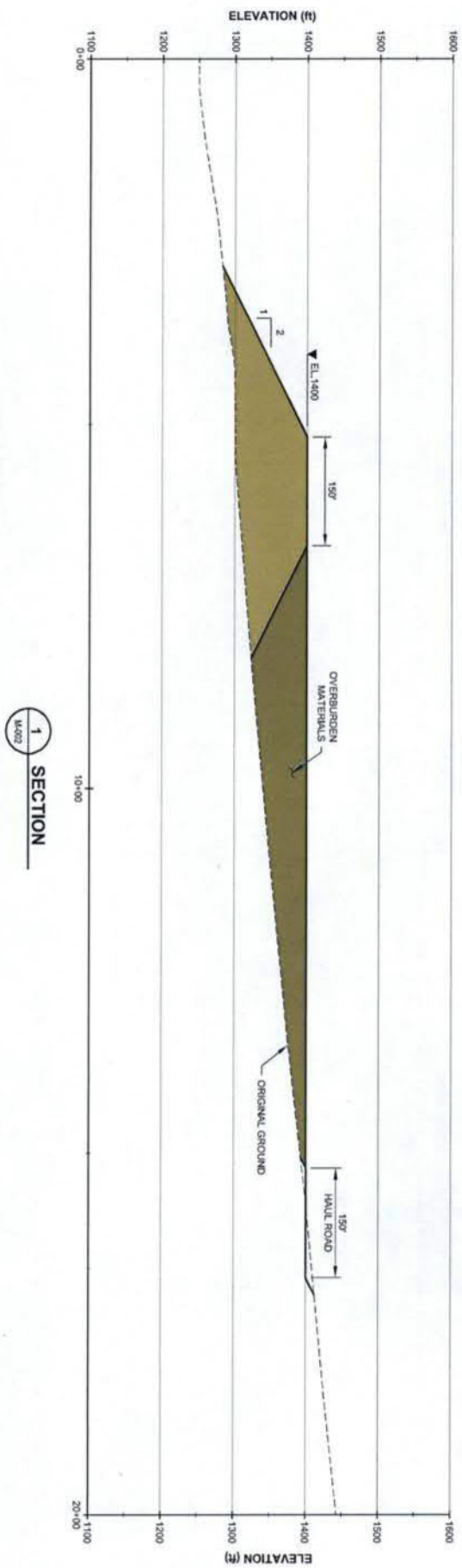
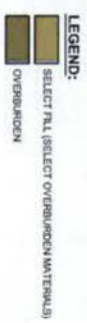


3 SECTION

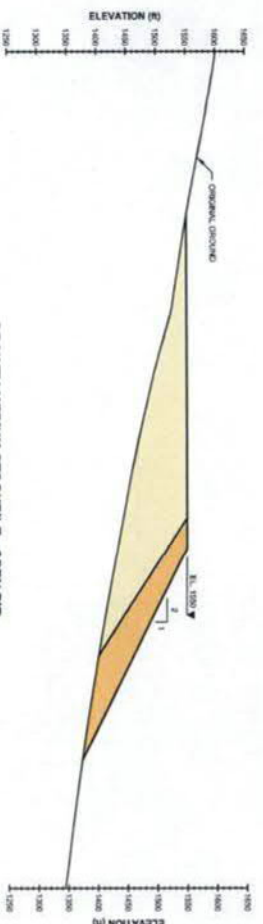
DRAWING TITLE:		PEBBLE PROJECT	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		LGO STOCKPILE TYPICAL SECTIONS	
DATE: DECEMBER 2017		FIGURE NO. MX-003	
WATERWAY: KONTU RIVER		FILE NO. POA-2017-271	
LIT. LONG. OF LINE: 88°53'12.71" N 55°17'23.71" W		PROPOSED ACTIVITY: MINERAL DEVELOPMENT	

- NOTES:**
1. COORDINATE GRID IS UTM NAD 83, ALASKA STATE PLACES 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 CMT-0.

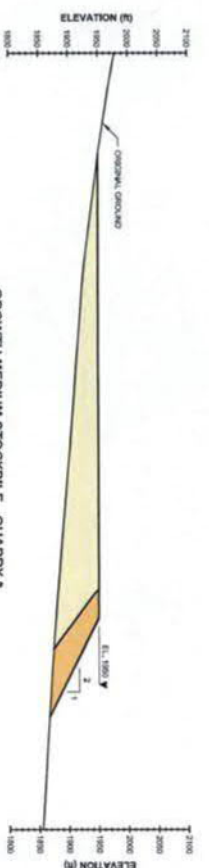
NOTES:
1. COORD



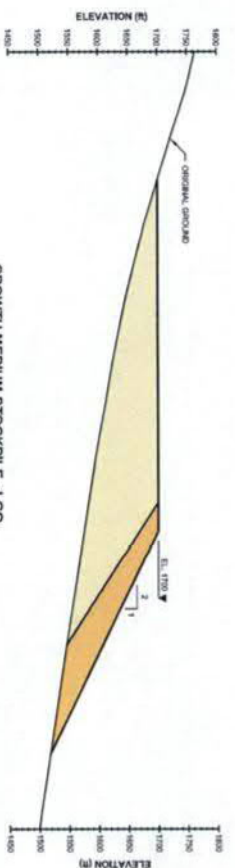
PEBBLE PROJECT APPLICANT: PEBBLE LIMITED PARTNERSHIP		DRAWING TITLE: TAILINGS STORAGE FACILITY OVERBURDEN STOCKPILE TYPICAL SECTION	
DAT. LONG. OF NINE 88°53'12.7" W 158°18'52.3" W	PROPOSED ACTIVITY MINERAL DEVELOPMENT	DATE: DECEMBER 2017	FIGURE NO. MX-005
WATERWAY: KOKTULU RIVER	FILE NO. POA-2017-271		



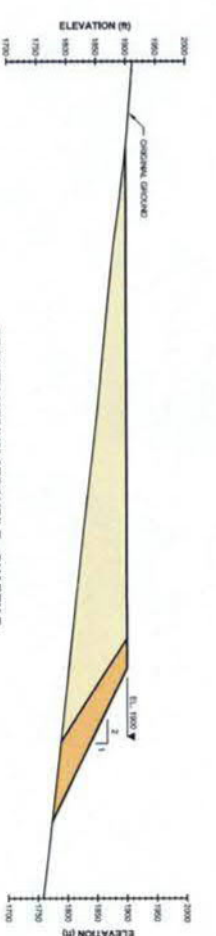
GROWTH MEDIUM STOCKPILE - OPEN PIT
M-008



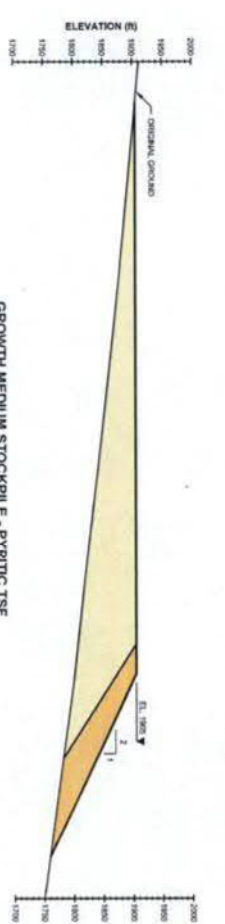
GROWTH MEDIUM STOCKPILE - QUARRY A
M-009



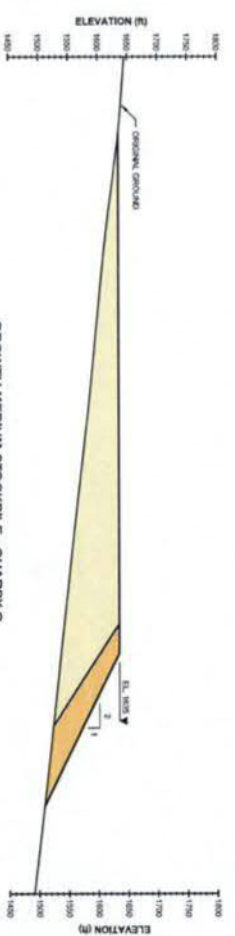
GROWTH MEDIUM STOCKPILE - LGO
M-011



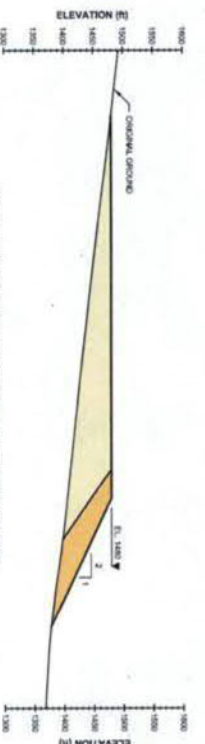
GROWTH MEDIUM STOCKPILE - QUARRY B
M-014



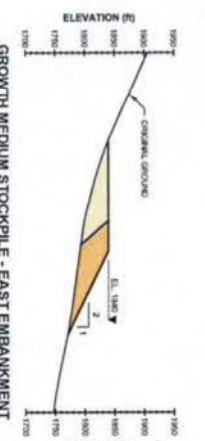
GROWTH MEDIUM STOCKPILE - PYRITIC TSF
M-014



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 (TYPICAL MATERIALS)

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

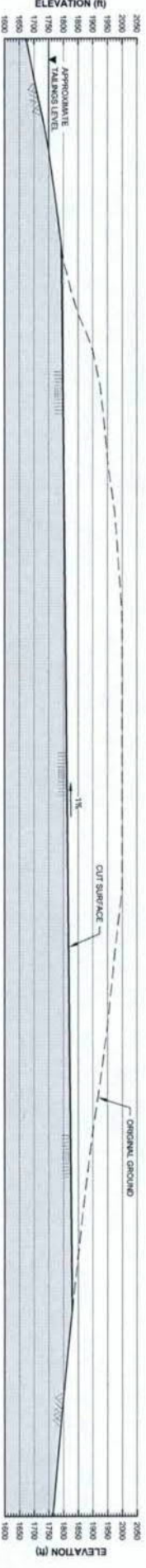
PEBBLE PROJECT		DRAWING TITLE:	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		GROWTH MEDIUM STOCKPILES	
PROJECT: TOWN OF MINE		TYPICAL SECTIONS	
PROPOSED ACTIVITY: MINERAL DEVELOPMENT			
WATERWAY: KOKTUI RIVER			
FILE NO. POA-2017-271			
DATE: DECEMBER 2017			
		FIGURE NO. MX-006	



A QUARRY A
M-007



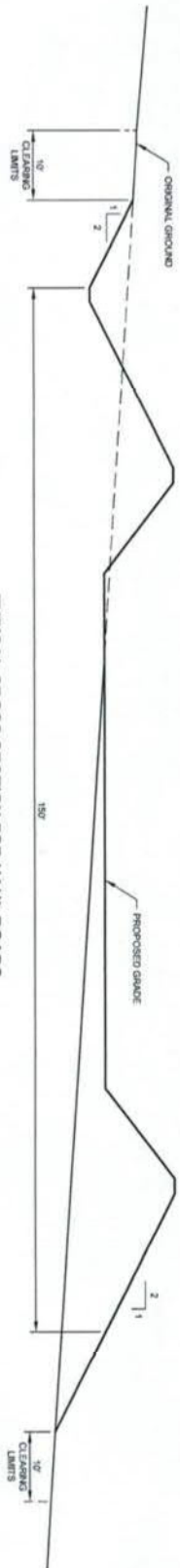
B QUARRY B
M-007



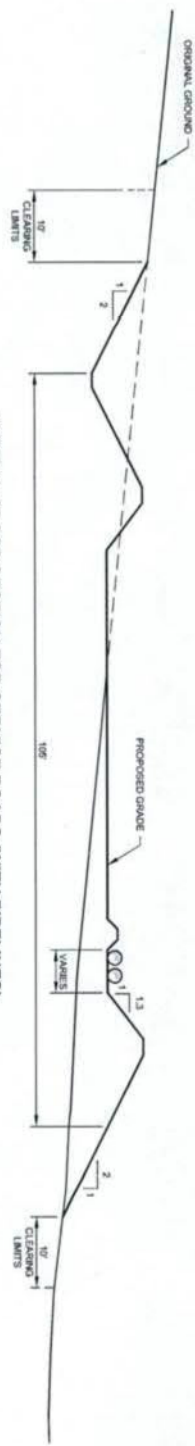
C QUARRY C
M-007

- 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.

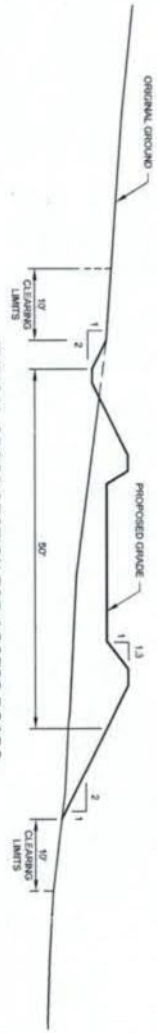
PEBBLE PROJECT		DRAWING TITLE:	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		QUARRY A, B, AND C TYPICAL SECTIONS	
DATE: LONG OF WINE	PROPOSED ACTIVITY:	DATE:	
89°51'43.7"N 158°16'23.7"W	MINERAL DEVELOPMENT	DECEMBER 2017	
WATERWAY:	FILE NO.:	FIGURE NO.:	
KONTULI RIVER	POA-2017-271	MX-007	



TYPICAL CROSS SECTION FOR HAUL ROADS



TYPICAL CROSS SECTION FOR SERVICE ROADS (WITH PIPELINES)



TYPICAL CROSS SECTION FOR ACCESS ROADS

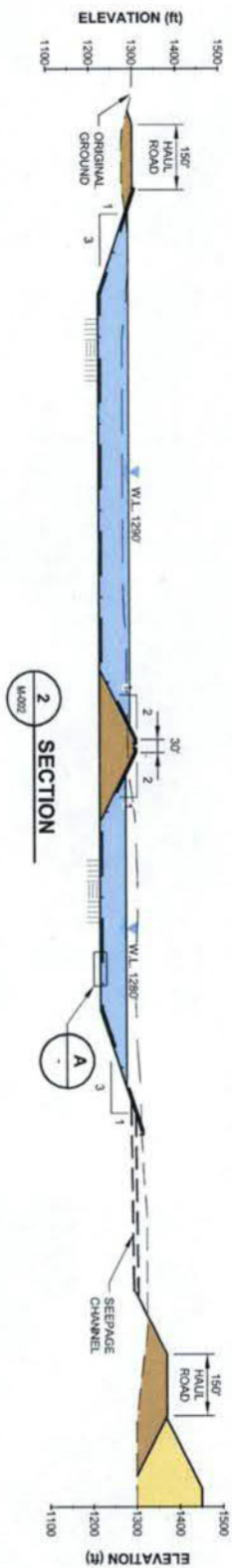
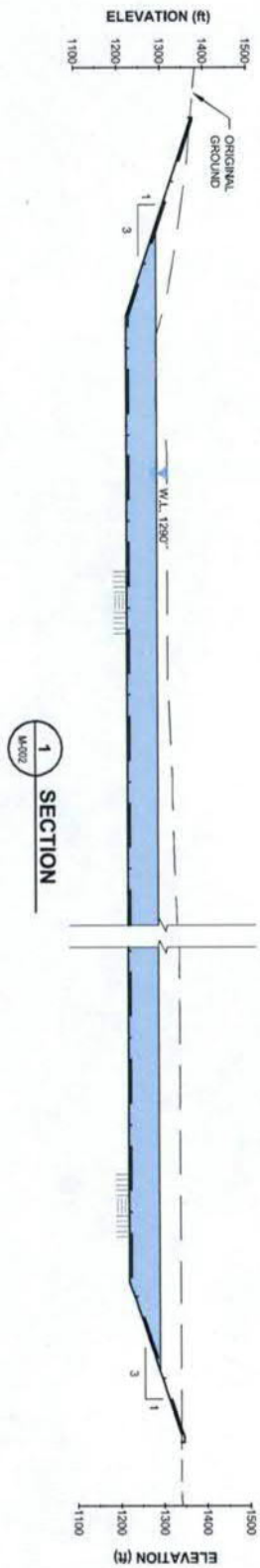
- NOTES:**
1. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.
 2. REPAIR AND DITCH SLOPES TO BE BASED ON ROAD TRAFFIC REQUIREMENTS.

PEBBLE PROJECT APPLICANT: PEBBLE LIMITED PARTNERSHIP		DRAWING TITLE: HAUL, SERVICE, AND ACCESS ROADS TYPICAL SECTIONS	
LAT. LONG. OF WINE 89°33'12.7"W 185°18'23.7"W	PROPOSED ACTIVITY: MINERAL DEVELOPMENT	DATE: DECEMBER 2017	FIGURE NO. MX-008
WATERWAY KOKTUU RIVER	FILE NO. POA-2017-271		

1. COORDINATE GRID IS UTM NAD 83, 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 C&10.



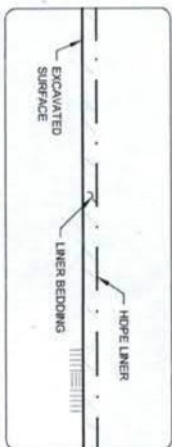
PEBBLE PROJECT		DRAWING TITLE:	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		MAIN EMBANKMENT SEEPAGE COLLECTION POND TYPICAL SECTION	
LOC. CODE OF MINE: 99-53-125 N. 105-18-2-25 7W	PROPOSED ACTIVITY: MINERAL DEVELOPMENT	DATE: DECEMBER 2017	
WATERWAY: KOKOBU RIVER	FILE NO.: POA-2017-271	FIGURE NO.: MX-009	



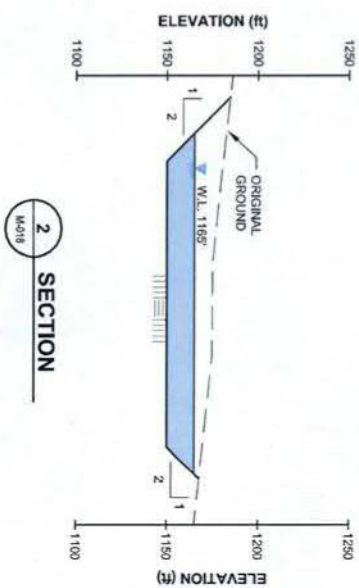
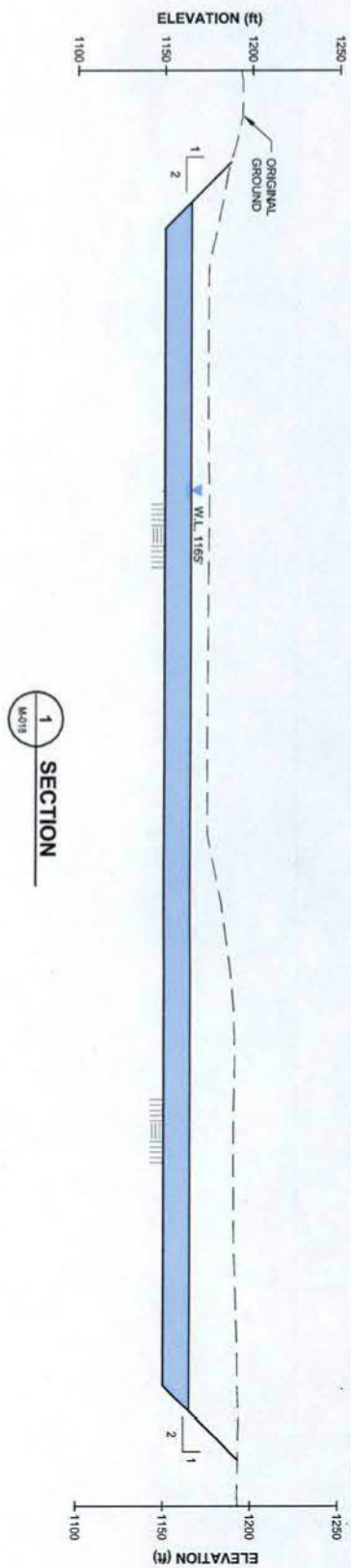
- LEGEND:**
- LOW GRADE ONE
 - SELECT FILL
 - POND
 - LINER BEDDING
 - HOPE LINER

- NOTES:**
- COORDINATE GRID IS UTM NAD 83, ALASKA STATE PLANE, ZONE 5.
 - CONTOUR INTERVAL IS 10 FEET.
 - DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.
 - TYPICAL ROAD SECTIONS AND DETAILS SHOWN ON DWG 004103.

A
LINER
SCALE C

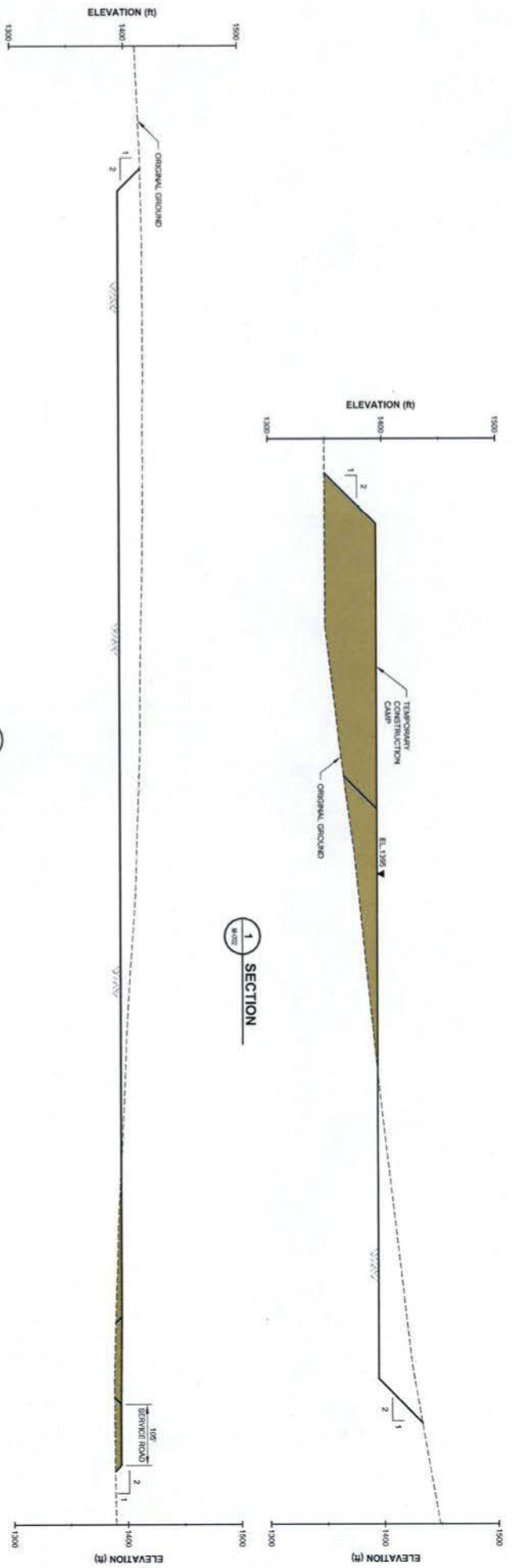


PEBBLE PROJECT		DRAWING TITLE:	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		LOGO AND MAIN WATER	
LAT. LONG. OF LINE: 69°33'12.97" N 157°18'23.7" W		MANAGEMENT POND TYPICAL	
PROPOSED ACTIVITY: MINERAL DEVELOPMENT		SECTIONS	
WATERWAY: KOKTUU RIVER		DATE: DECEMBER 2017	
FILE NO: POA-2017-271		FIGURE NO: MX-010	



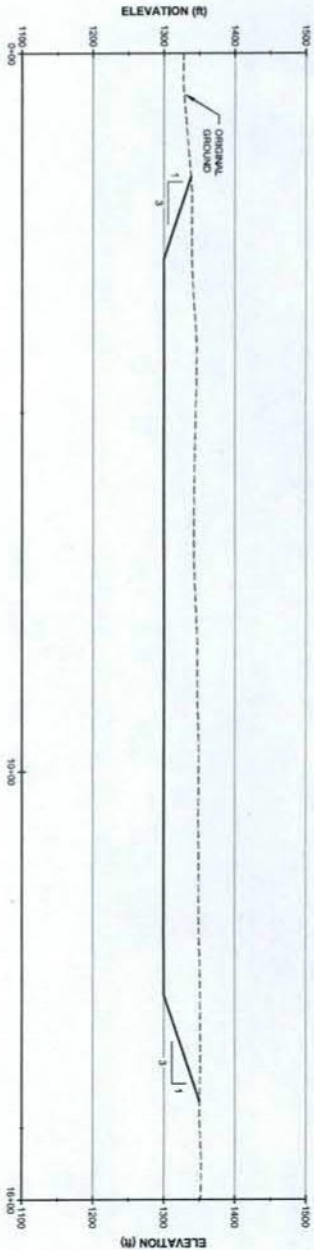
- NOTES:**
1. COORDINATE GRID IS UTM NAD 83, ALASKA STATE PLANE, ZONE 5.
 2. CONTOUR INTERVAL IS 10 FEET.
 3. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.

PEBBLE PROJECT		DRAWING TITLE:	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		OPEN PIT OVERBURDEN STOCKPILE SEDIMENT POND TYPICAL SECTIONS	
DATE: LONG OF MINE	PROPOSED ACTIVITY:	DATE:	
88°53'12.87"N 165°18'23.7"W	MINERAL DEVELOPMENT	DECEMBER 2017	
WATERWAY:	FILE NO.	FIGURE NO.	
KOKTULU RIVER	POA-2017-271	MX-011	

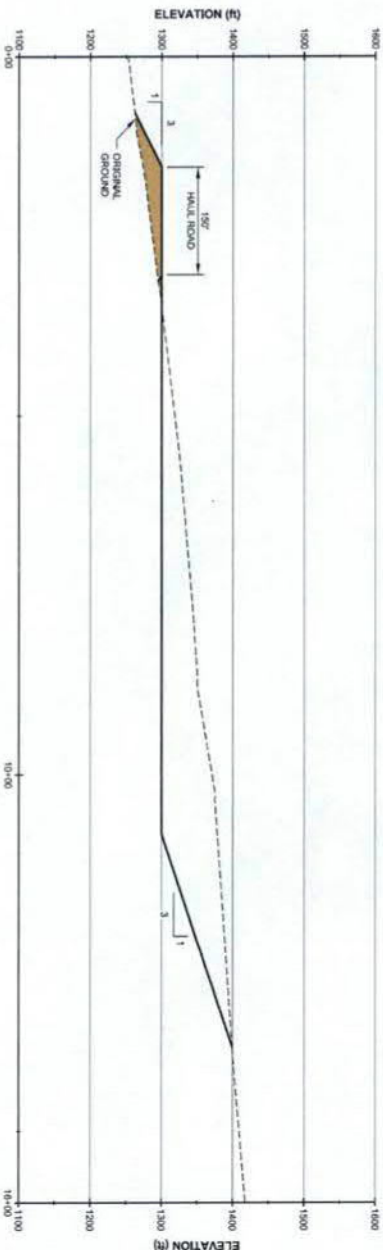


- NOTES:**
1. COORDINATE GRID IS UTM WGS 83, ALASKA STATE PLANE, ZONE 5.
 2. CONTOUR INTERVAL IS 20 FEET.
 3. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.
 4. TYPICAL ROAD SECTIONS AND DETAILS SHOWN ON DRWG C0115.
- LEGEND:**
- SELECT MILL

PEBBLE PROJECT		DRAWING TITLE:	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		MILL LAYDOWN TYPICAL SECTIONS	
LAT. LONG. OF MINE	PROPOSED ACTIVITY:	DATE:	FIGURE NO.
69°53'12.8" N, 155°18'28.3" W	MINERAL DEVELOPMENT	DECEMBER 2017	MX-012
WATERWAY:	FILE NO.		
KOKTUJ RIVER	POA-2017-271		



1 SECTION



2 SECTION

- NOTES:**
1. COORDINATE GRID IS UTM NAD83, ALASKA STATE PLANE, 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 DRG 04A10.

- 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 188°18'2.83" W

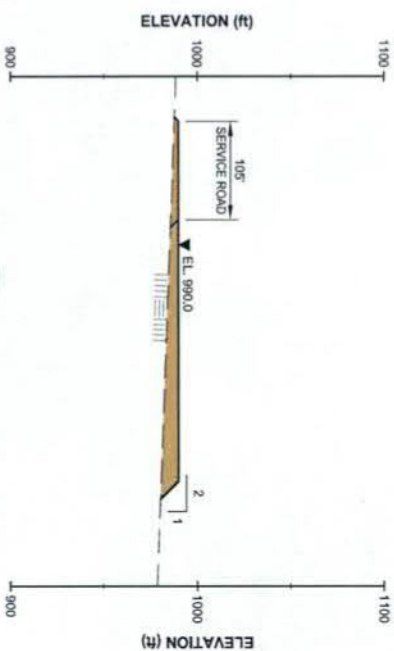
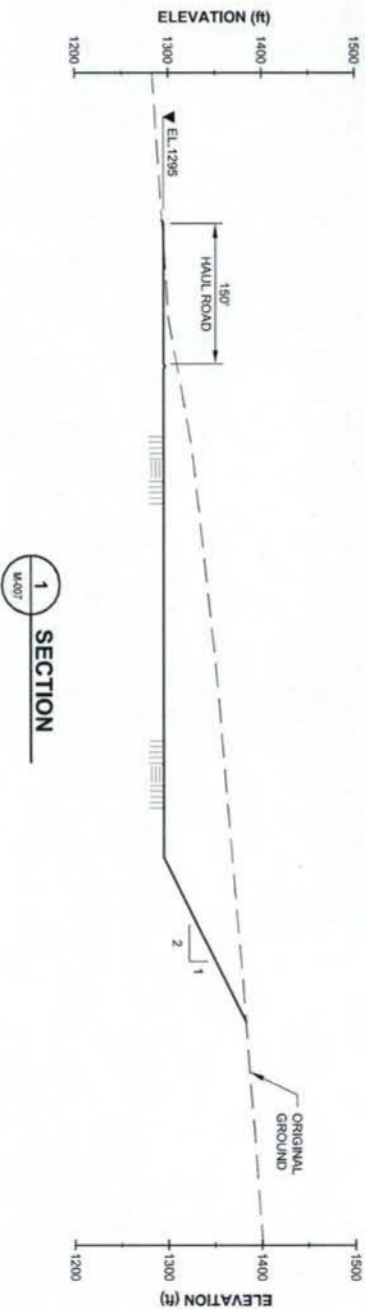
WATERWAY
KONTU RIVER

PROPOSED ACTIVITY
MINERAL DEVELOPMENT

FILE NO.
POA-2017-271

DATE:
DECEMBER 2017

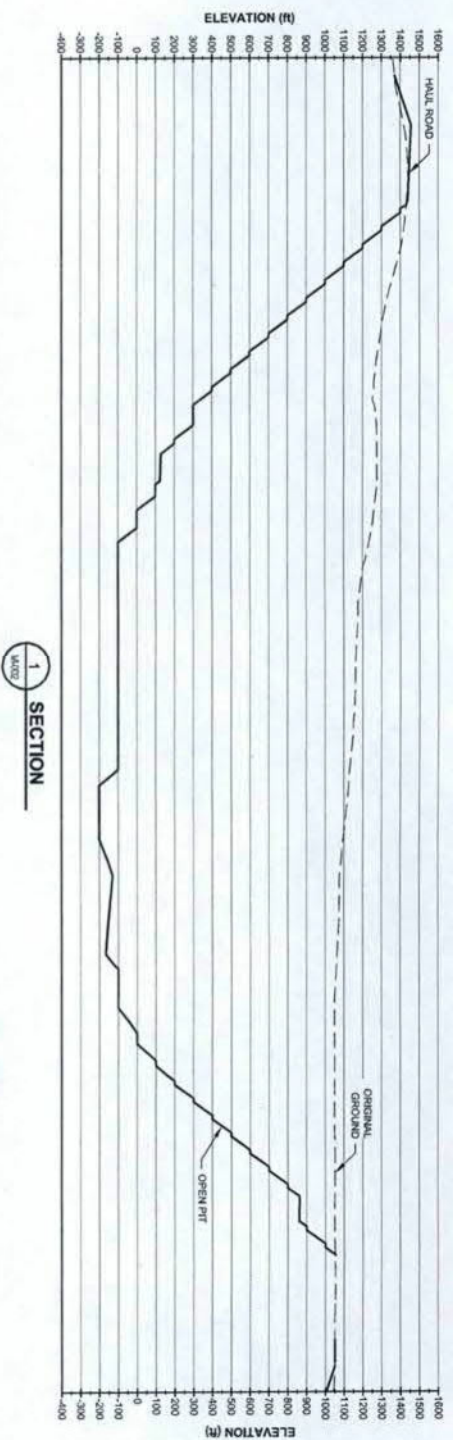
FIGURE NO.
MX-013



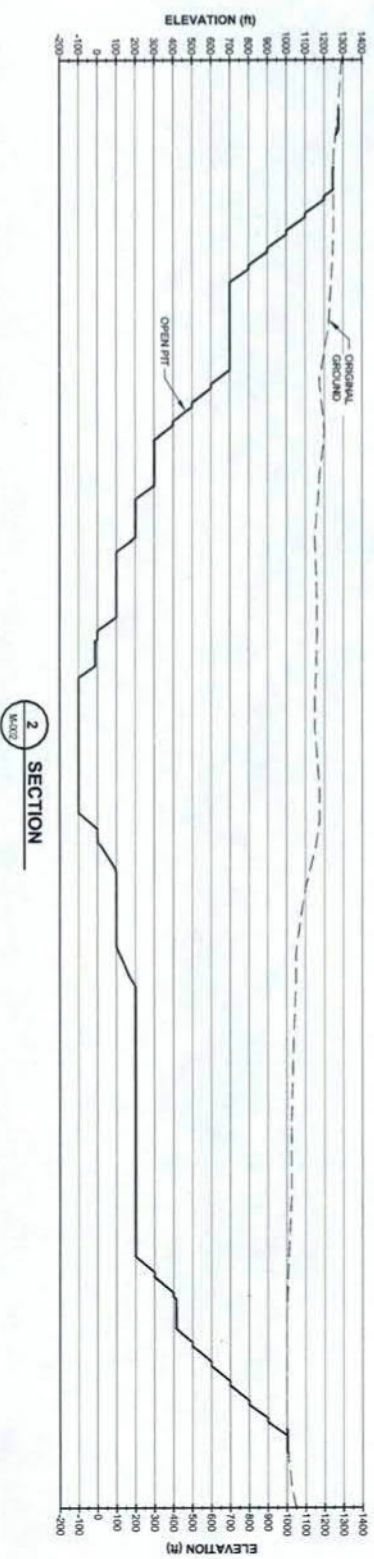
LEGEND:
SELECT FILL

- NOTES:
1. COORDINATE GRID IS UTM NAD 83, ALASKA STATE PLAINS 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 C0410.

PEBBLE PROJECT		DRAWING TITLE:	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		WATER TREATMENT PLANTS 1 AND 2 TYPICAL SECTIONS	
DATE: LONG OF MINE	PROPOSED ACTIVITY:	DATE:	FIGURE NO.
89°53'11.24"N 155°18'23.3"W	MINERAL DEVELOPMENT	DECEMBER 2017	MX-014
WATERWAY	FILE NO.		
MONTUW RIVER	POA-2017-271		



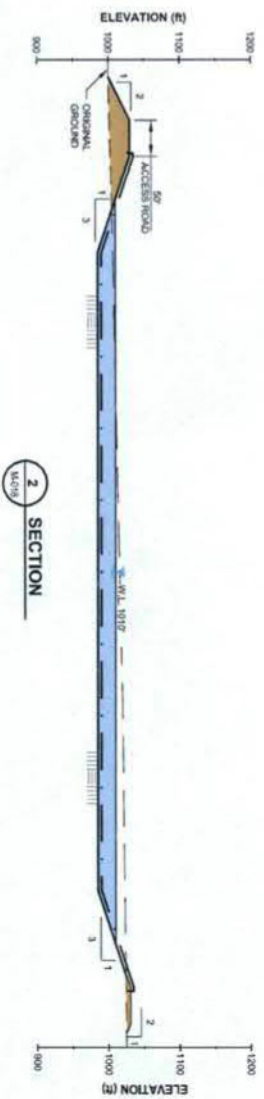
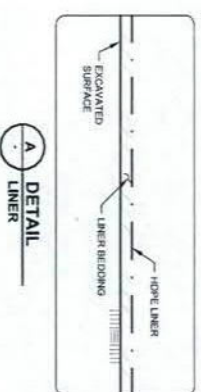
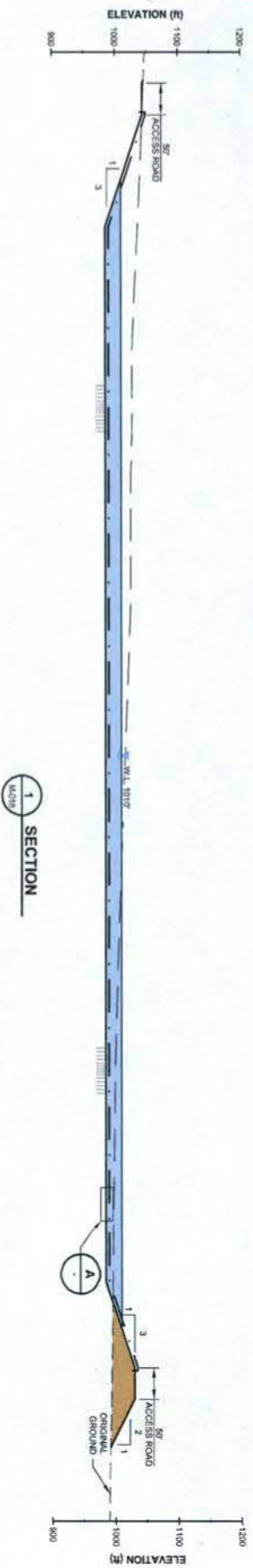
1 SECTION



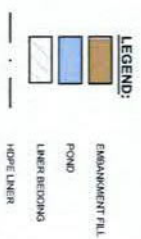
2 SECTION

- NOTES:**
1. COORDINATE GRID IS UTM WAD 83, 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 APPLICANT: PEBBLE LIMITED PARTNERSHIP		DRAWING TITLE: OPEN PIT TYPICAL SECTIONS	
LAT. LONG. OF MINE 69°53.5128' N 158°19.232' W	PROPOSED ACTIVITY MINERAL DEVELOPMENT	DATE: DECEMBER 2017	FIGURE NO. MX-015
WATERWAY KOKTUU RIVER	FILE NO. POA-2017-271		



- NOTES:**
1. COORDINATE GRID IS UTM AND EL ALASKA STATE PLANE 2 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-015.



PEBBLE PROJECT		DRAWING TITLE:	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		OPEN WATER MANAGEMENT	
LAT. LONG. OF MINE		POND TYPICAL SECTIONS	
99°51.23'N 155°18.23'W			
PROPOSED ACTIVITY:			
MINERAL DEVELOPMENT			
WATERWAY			
KONTIUV RIVER			
FILE NO.			
POA-2017-271			
DATE:			
DECEMBER 2017			
FIGURE NO.			
MX-016			