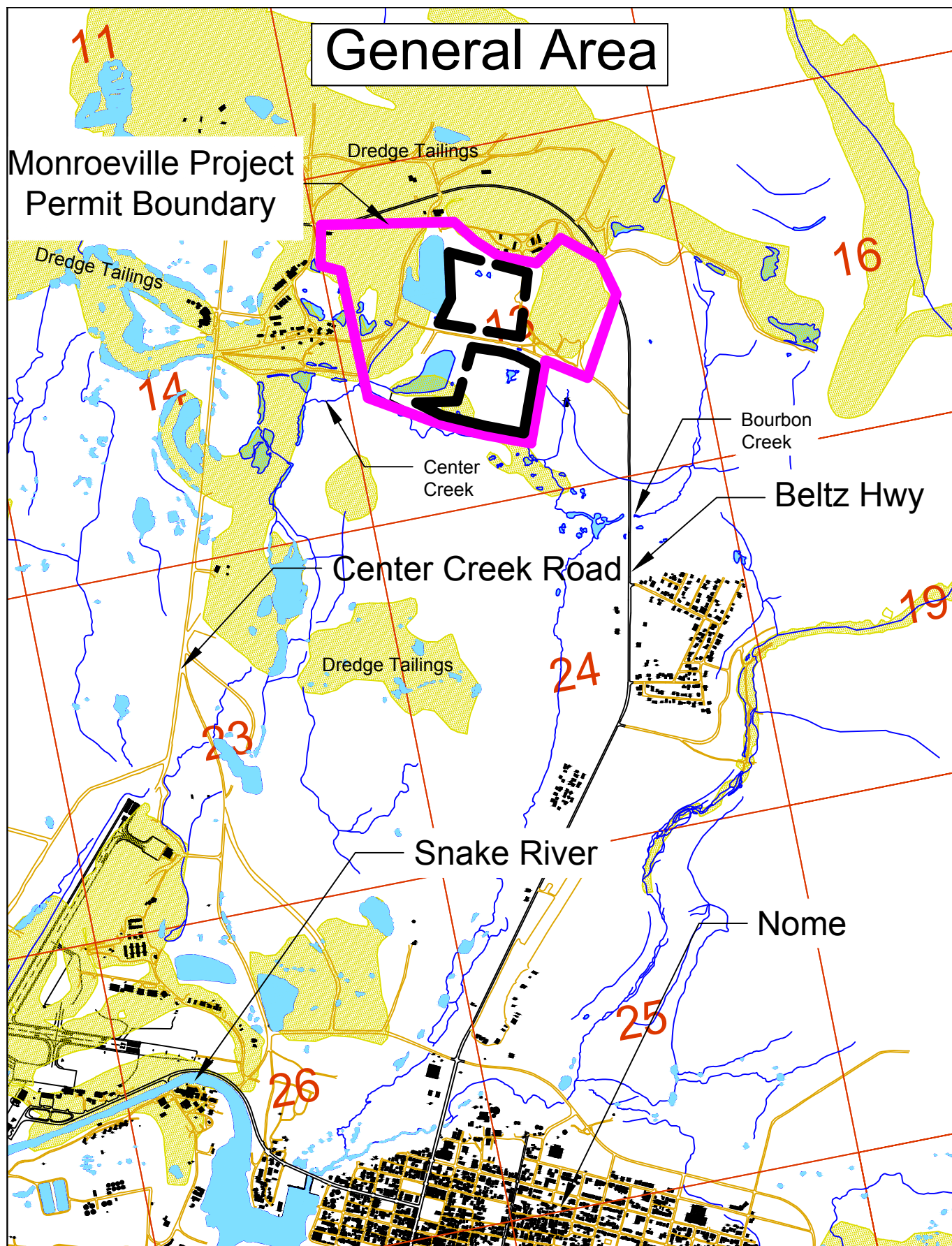


General Area

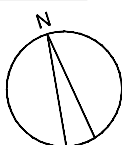
Monroeville Project
Permit Boundary



 Greg Lewicki And Associates

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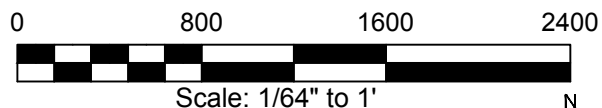
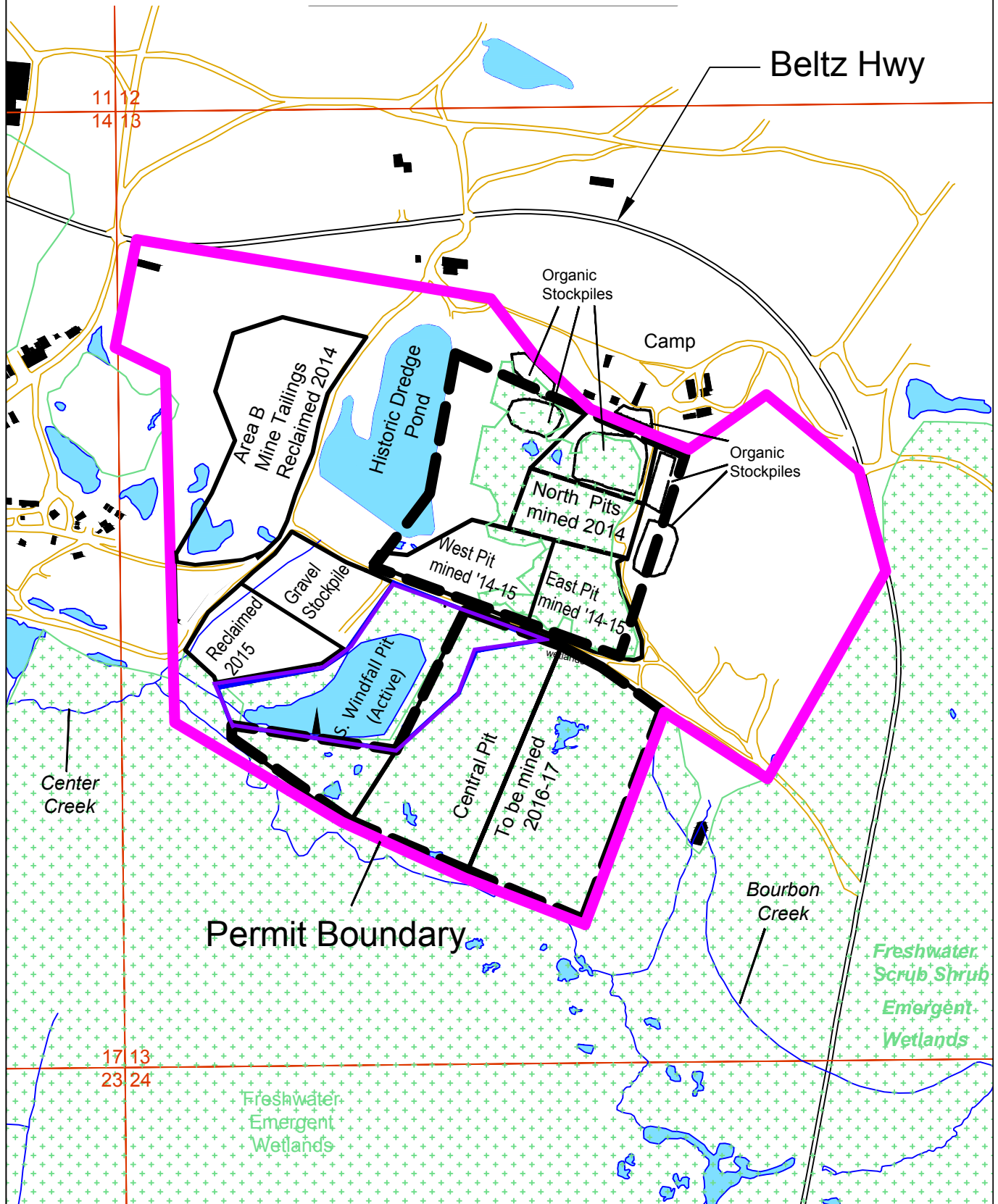
Phone (303)-346-5196
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Applicant: Nome Gold Alaska Corporation
File Number: 2F112146 (POA-2011-169-M2)
Sheet 1 of 11

Waterway: Center Creek
Section: 13 Township: 11S Range: 34W PM: Kateel River
Latitude: 64.537621° Longitude: -165.3866218°
Date: 2-25-2016

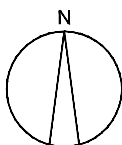
Permit Area as of 30 Jan 2016



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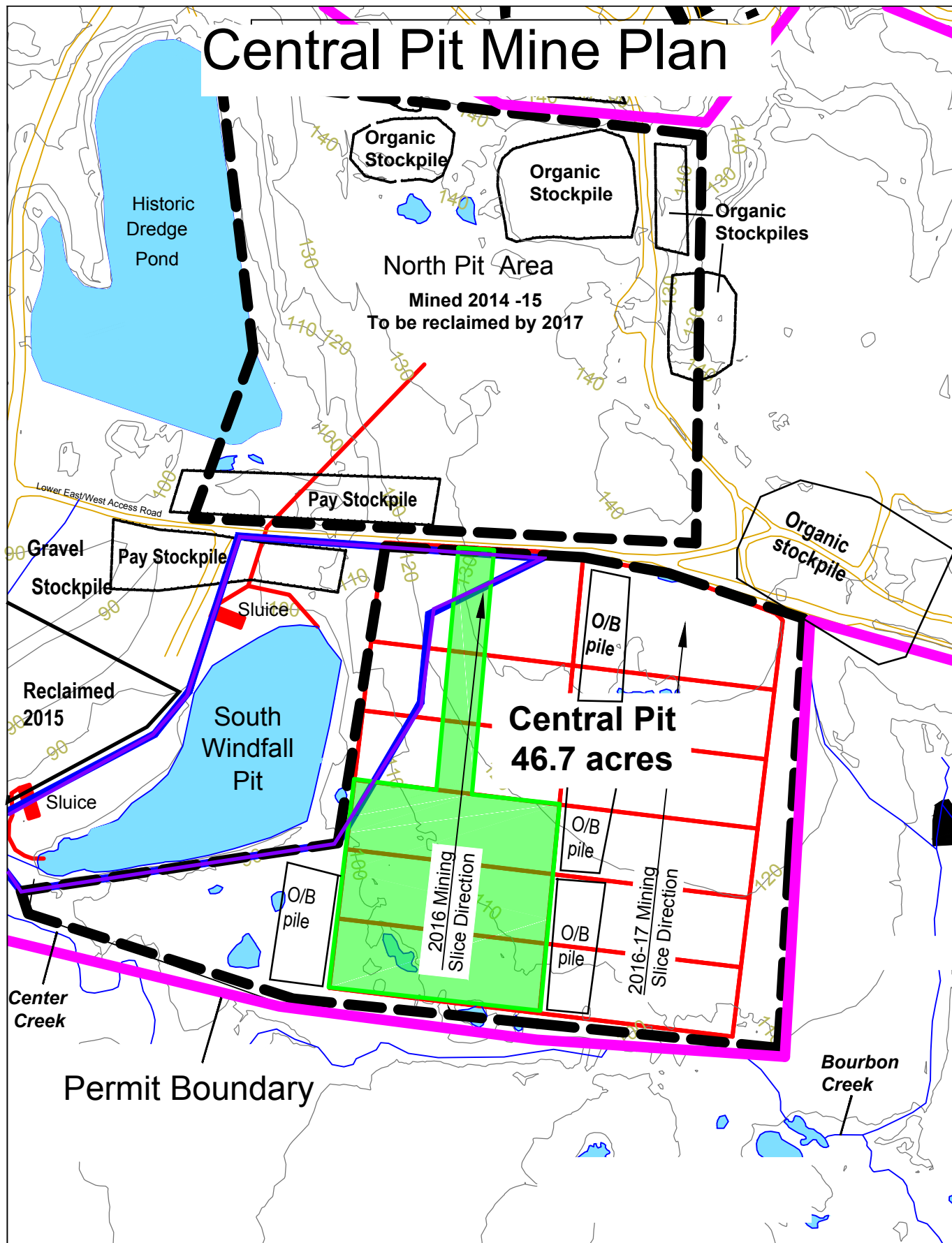
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Applicant: Nome Gold Alaska Corporation
File Number: F112146 (POA-2011-169-M2)
Sheet 2 of 11
Waterway: Center Creek
Section: 13 Township: 11S Range: 34W PM: Kateel River
Latitude: 64.537621° Longitude: -165.3866218°
Date: 2-25-2016

Central Pit Mine Plan



0 400 800 1200



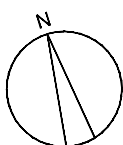
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Applicant: Nome Gold Alaska Corporation

File Number: F112146 (POA-2011-169-M2)

Sheet 3 of 11

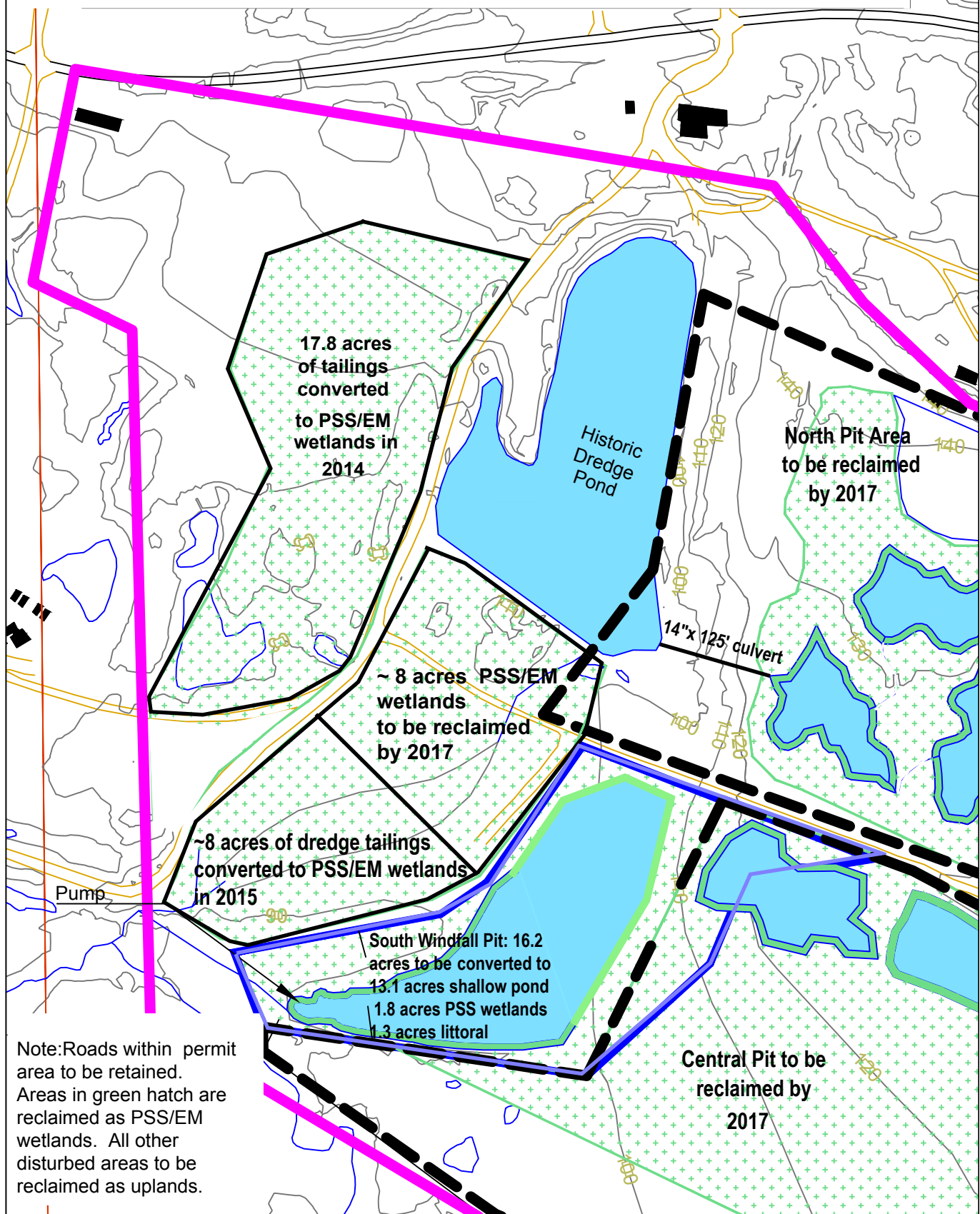
Waterway: Center Creek

Section:13 Township:11S Range:34W PM:Kateel River

Latitude:64.537621° Longitude:-165.3866218°

Date: 2-25-2016

Monroeville - Reclamation, West Area



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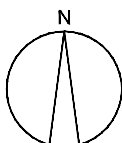


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Applicant: Nome Gold Alaska Corporation
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Sheet 4 of 11

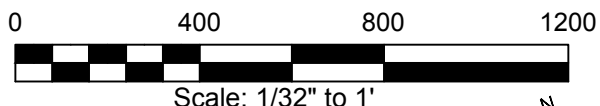
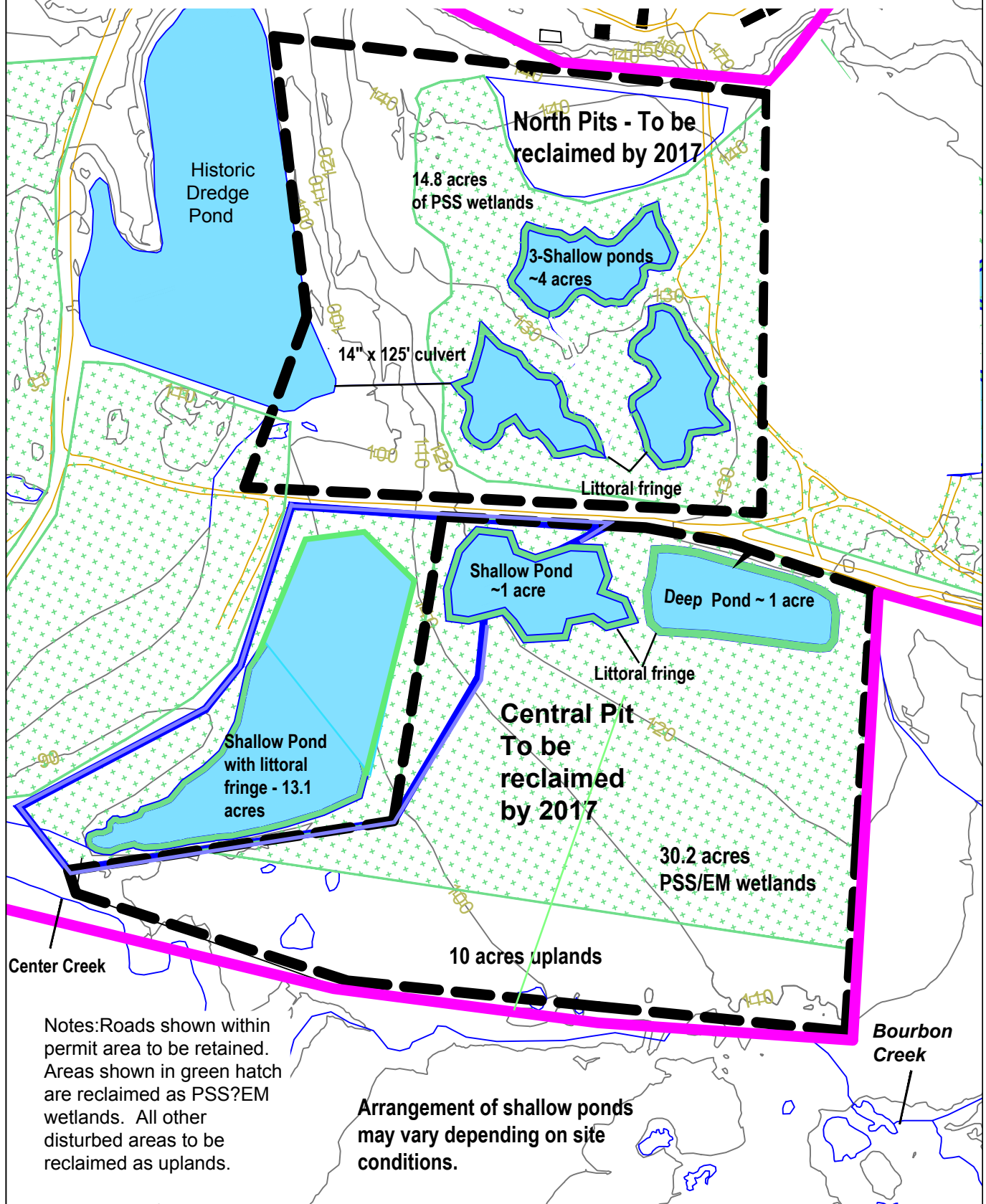
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Section: 13 Township: 11S Range: 34W PM: Kateel River

Latitude: 64.537621° Longitude: -165.3866218°

Date: 2-25-2016

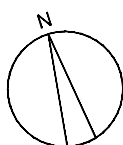
Monroeville - Reclamation, Central Area



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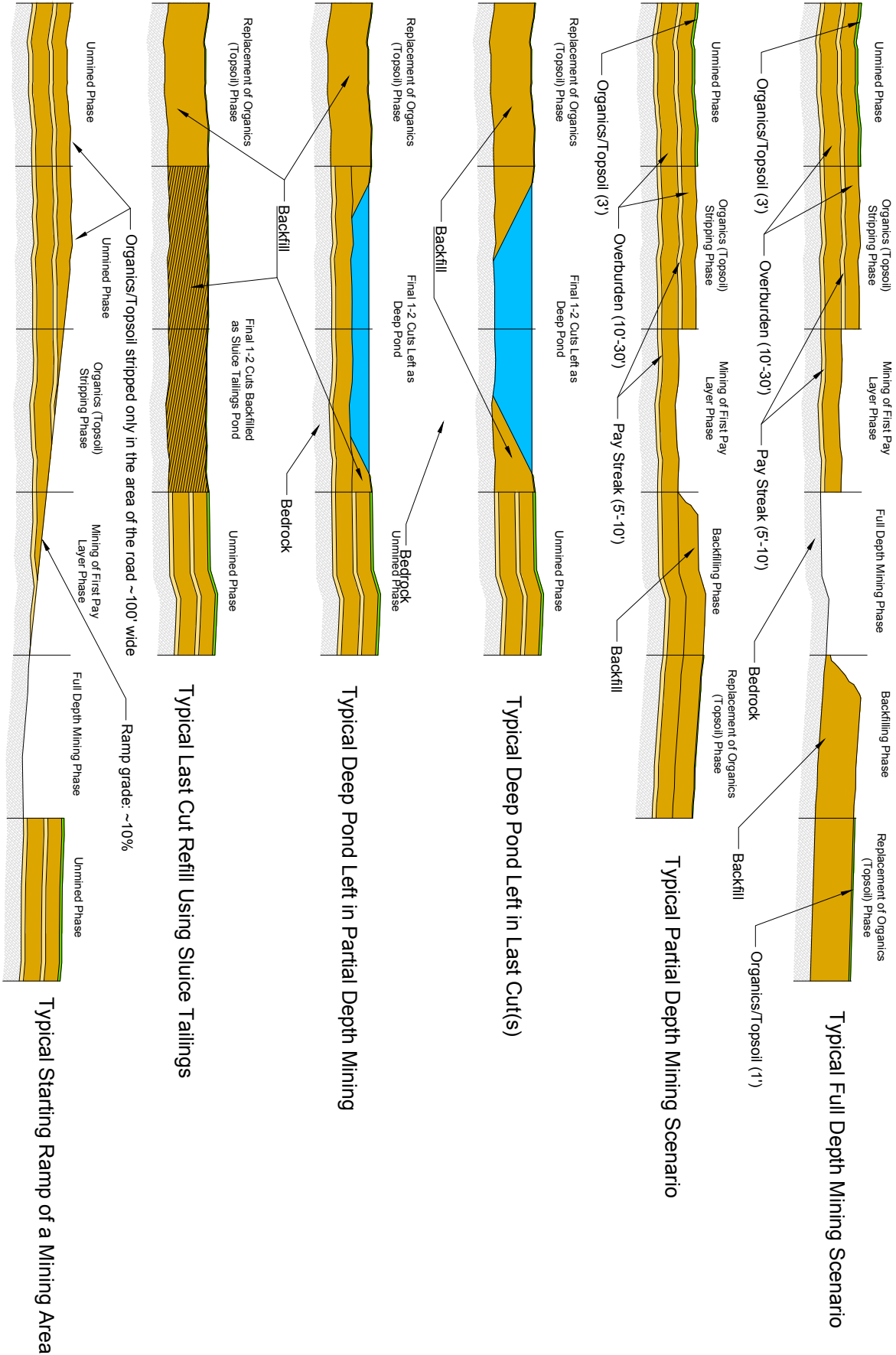
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Applicant: Nome Gold Alaska Corporation
File Number: F112146 (POA-2011-169-M2)
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Waterway: Center Creek
Section: 13 Township: 11S Range: 34W PM: Kateel River
Latitude: 64.537621° Longitude: -165.3866218°
Date: 2-25-2016

MONROEVILLE PROJECT - TYPICAL SECTION VIEWS



Greg Lewicki And Associates

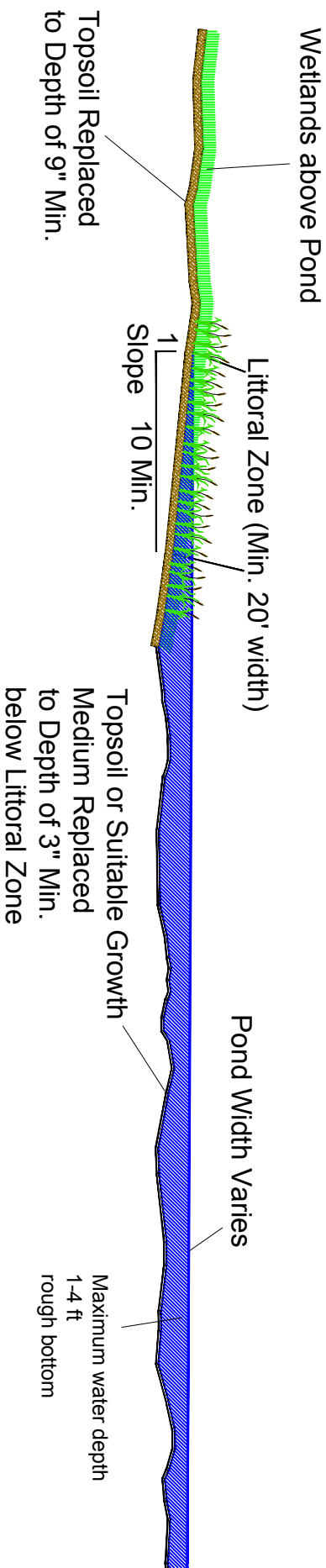
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Phone (303)-346-5196
E-Mail - info@lewicki.biz

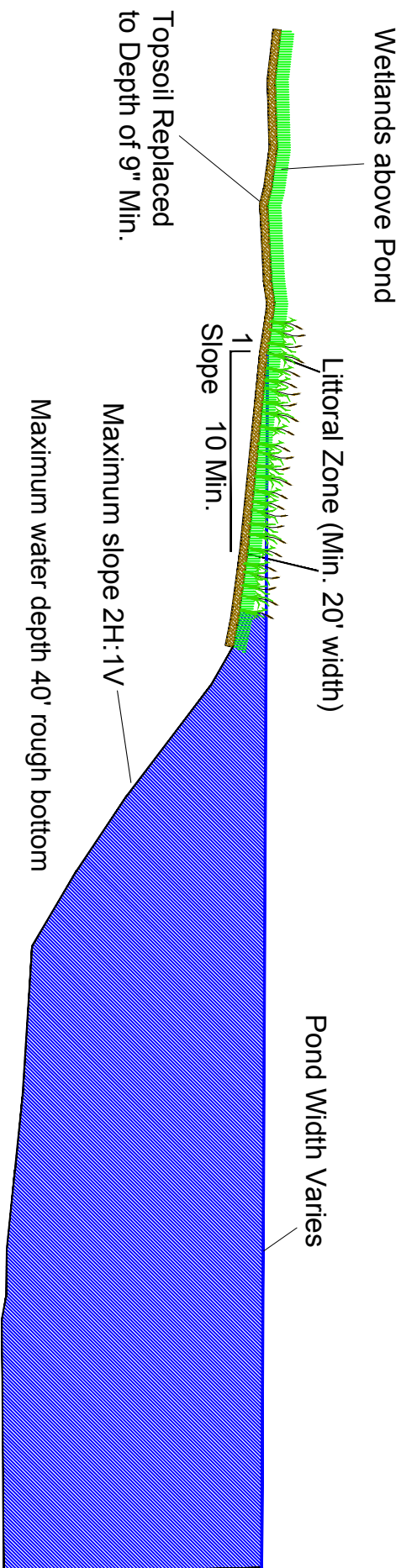
Applicant: Nome Gold Alaska Corporation
File Number: F112146 (POA_2011-169-M2)
Sheet 6 of 11

Waterway: Center Creek
Section: 13 Township: 11S Range: 34W PM: Kateel River
Latitude: 64.537621° Longitude: -165.3866218°
Date: 2-25-2016

Typical Cross-Section of Reclaimed Littoral Zones for Shallow Ponds



Typical Cross-Section of Reclaimed Littoral Zones for Deep Ponds



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Applicant: Nome Gold Alaska Corporation
File Number: F112146 (POA-2011-169-M2)
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Waterway: Center Creek
Section: 13 Township: 11S Range: 34W PM: Kateel River
Latitude: 64.537621° Longitude: -165.3866218°
Date: 2-25-2016

Monroeville Project, North Pit Area – Aquatic Resource Restoration Plan

The North Pit Area comprises the original permit footprint for POA-2011-169. This area contained 20 acres of palustrine scrub shrub and emergent wetlands, 15.82 acres of uplands, and 6.76 acres of old mine pit. As of January 2016, mining at the North Pit Area has been completed. Three pits – known as the North Pit, East Pit, and West Pit were mined. Restoration activities in the area are scheduled to be completed by the expiration of the permit on April 30, 2017.

The area will be backfilled, recontoured, and organic topsoil redistributed over the surface. Three (3) shallow open water ponds (~4.0 acres total) no deeper than three feet in depth, with littoral fringe, will be constructed, according to performance standards outlined in Special Condition #1. Two of the ponds will be hydrologically self-contained, without an overflow structure, i.e. connectivity, to other ponded areas. The third pond will be constructed with a (14" x 125') overflow culvert that connects to the historic dredge pond. The remaining 14.8 acres will be restored to become palustrine scrub shrub wetlands.

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Waterway: Center Creek
Section: 13, Township: 11S, Range:34W, PM:Kateel River
Latitude: 64.537621° Longitude: -165.3866218°
Date: 2-25-2016

Monroeville Project, Central Pit - Mine Plan

1. Mining is anticipated to start in June 2016 and be completed by the end of December, 2016. In total, 622,000 cubic yards (cy) of material will be removed from the Central Pit, consisting of mechanical clearing of 46,000 cy of topsoil, and excavation of 379,000 cy of non-pay overburden and 197,000 cy of pay material.
2. The Central Pit claim block is 46.7 acres in size. The claim block will be mined in two phases, west and east. The west phase will be stripped, stockpiled and mined, followed by the same sequence of activities in the east phase. Each phase will contain four to five pits, or slices. Mining will start at the south end of the claim block and move north.
3. Stripping & stockpiling: Drilling indicates three to five feet depth of organic topsoil. 46,000 cy of organic topsoil will be mechanically cleared and stockpiled to the north of the pit, as shown on the plans.
4. Mining: An access ramp will be constructed along the length of the claim block, to the depth of the pay layer at the south end. Each pit, or slice, will be excavated down to the pay layer. In total, 379,000 cy of non-pay overburden will be removed in layers, and stockpiled adjacent to the ramp. 197,000 cy of pay material will be removed and stockpiled adjacent to the South Windfall Pit, where processing will occur.
5. Backfill will occur concurrently with mining. As each pit is mined out, it will be backfilled with the non-pay overburden stockpiled adjacent to the cut. As pits are backfilled, the mining operation will move from south to north, with the access road configuration adjusted to the depth of activities in the mine pit.

Central Pit – Aquatic Resource Restoration Plan

Following mining the area will be backfilled, recontoured, and organic topsoil material spread across the surface. 30.2 acres of the Central Pit area will be restored as palustrine scrub shrub and emergent wetlands. 10 acres along the south boundary will be reclaimed as uplands. Two ponds, each approximately 1 acre in size, will be constructed. One pond – the final mine cut – will be maximum 40 feet in depth. The other pond will be shallow. All ponds will have littoral fringe. Special Condition 1 of the permit outlines performance standards. Restoration activities in the Central Pit are scheduled to be completed by the expiration of the permit on April 30, 2017.

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Sheet 9 of 11
Waterway: Center Creek
Section: 13, Township: 11S, Range: 34W, PM: Kateel River
Latitude: 64.537621°, Longitude: -165.3866218°
Date: 2-25-2015

Monroeville Project, Mine Plan for Windfall Pit and Gravel Pit Stockpile Area

1. The South Windfall Pit area is 16.2 acres in size. Prior to being mined by NGAC, it consisted of 9 acres of palustrine scrub shrub and emergent wetlands, 1.5 acres of old mine pit, and 1.5 acres of uplands.
2. Pay material from the Central Pit will be stockpiled next to the South Windfall Pit, where processing will occur. Most of the material will be sluiced directly into the South Windfall Pit as backfill, but some material will be separated out for use as gravel, and stockpiled in the Gravel Pit Stockpile Area, which is also approximately 16 acres in size. The gravel operation is part of the mining operation, as the material is used to maintain roads at the mine site, as well as the road that runs between Monroeville and the Airport, where NGAC is running another project.
3. The process water used for sluicing will be pumped from the South Windfall Pit. Discharge from the pit flows southwest. Portions of the Monroeville site have been thawed from previous mining activities. In areas, the substrate consists of thawed, well drained, old tailings, which cause discharge to go subsurface. Center Creek daylights at the location indicated on the plans. Discharge water will be monitored in accordance with guidelines established by Alaska Department of Environmental Conservation, Division of Water.

South Windfall Pit and Gravel Pit Stockpile Area – Aquatic Resource Restoration Plan

1. The South Windfall Pit will be backfilled, and recontoured, with organic topsoil redistributed across the surface, to become a 13.1 acre shallow open water pond, with a 1.3 acre littoral fringe. The remaining 1.8 acres of that claim will be recontoured, and spread with organic matter. This area is anticipated to become palustrine scrub shrub emergent wetlands.
2. The Gravel Stockpile Area is approximately half reclaimed (~ 8 acres) as of December 2015. Upon completion of mining, the remaining 8 acres will be restored as palustrine scrub shrub and emergent wetlands.
3. Special Condition 1 of the permit outlines performance standards for the restoration.

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Waterway: Center Creek
Section: 13, Township: 11S, Range:34W, PM:Kateel River
Latitude:64.537621° Longitude:-165.3866218°
Date: 2-15-2016

Monroeville Project Disturbance Table

Mine Area	Before Mining By NGAC			
	Total Acres	PSS/EM Natural Wetlands	Old Pits	Uplands
North Pit Area	20	20	6.76	15.82
Central Pit	46.7	33.3		13.36
South Windfall Pond	16.2	16.2		
Gravel Stockpile Area	16.14		8.07	8.07
"Area B"	17.8			17.8
Totals	116.84	69.5	15.46	55.05

Mine Area	After Reclamation & Restoration					
	Total Acres	PSS/ EM Constructed Wetlands	Shallow Ponds	Deep Pond	Littoral	Uplands
North Pit	20	14.8	4.0		1.2	
Central Pit	46.7	30.2	~1.0	~1.0	1.0	10.0
South Windfall Pond	16.2	1.8	13.1		1.3	
Gravel Stockpile Area	16.14	16.14				
"Area B"	17.8	17.8				
Totals	116.84	80.74	18.89	~ 1.0	3.5	10.0

Applicant: Nome Gold Alaska Corporation
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 Waterway: Center Creek
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 Latitude: 64.537621° Longitude:-165.3866218°
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