



Sumitomo Metal Mining Pogo LLC

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December 13, 2012
COR-12-087
Hand Delivered

Sharmon Stambaugh, Large Mine Coordinator
State of Alaska Department of Natural Resources
Office of Project Management and Permitting
550 West 7th Avenue Suite 900
Anchorage, Alaska 99501

Re: Request for Amendment (Rev 5) to Plan of Operations F20129500 by Sumitomo Metal Mining Pogo LLC (Pogo) for East Deep Expansion Power Distribution System.

Dear Ms. Stambaugh:

Sumitomo Metal Mining Pogo LLC (Pogo) is requesting to amend Plan of Operations F20129500 to allow Pogo extend the existing power distribution system in preparation for the East Deep expansion. The underground distribution voltage is 13.8 kV and existing circuits are at their limits due to long underground cable lengths with large loads at the terminus. Various options were studied and the preferred option of extending the 138 kV power system with two new 138 kV-13.8kV transformers was finalized when an ideal pair of used transformers were located. **Figure 4** shows the location of the new 2150 portal in relationship to the mill and camp bench area. **Figure 3** shows the proposed route for the new power cable from the main substation to the new 2150 portal.

Main Substation Expansion

The two new transformers and associated equipment will be located at the main substation where the 138 kV power line from GVEA terminates on the property (**Figure 2**). Numerous layout options were reviewed in an effort to minimize the footprint of the substation. The proposed layout (**Figure 5**) incorporates the minimum allowable spacing between the conductors and equipment while still providing for personnel safety in the substation. Each transformer will be located inside an oil containment structure capable of containing all of the oil in the transformer. A sump will be provided in the containment area to allow rainwater to be drained, or in the case of a transformer leak, mineral oil to be removed.

East Deep Portal Feeders

Power will be transmitted from the main substation to the new 2150 portal through 2-4 new power cables. These cables will be hand-run through the trees between the main substation and the East Deep portal electrical building on the hillside above the mill bench (**Figure 3**). The length of this run is approximately 2,500 feet. In order to minimize ground disturbance during the cable pulling, several shorter, and consequently lighter, pieces of cable will be run rather than two long heavy pieces of cable that would require the use of wheeled mechanized equipment for installation. A small amount of deadfall and a minimum

number of trees will be removed by hand, as required, to reduce pulling tension. A small diameter fiber optic cable will also be run with the power cables. Refer to **Figure 1** for proposed 2150 portal layout.

East Deep Portal Area

An electrical building is required in the area of the East Deep Portal. This building will contain the electrical equipment necessary for isolating the power to the underground as well as the distribution equipment for local portal area loads (**Figure 7**). A small "dry-type" (no oil) transformer will be provided in the building.

Pogo proposes that this minor revision be documented by written request and tracked using revision number five (5) in Table 1.1: Revisions and Table 1.2: Table of Significant Changes in Pogo's 2012 Plan of Operations. Pogo would address potential affect on reclamation and closure bond with next major revision or when Pogo submits the East Deep Expansion revision in 2013.

If you have any questions, please give me a call at 907-895-2897 or email me at sally.mcleod@smpogogo.com.

Sincerely,



Sally McLeod, CEM, REM
Environmental Superintendant

Attachments: Figure 1 – Pogo Mine 2150 Portal Layout
Figure 2 – Pogo Mine Substation Expansion
Figure 3 – Pogo Mine 13.8V Cable Route
Figure 4 – Mill and Camp Bench Area
Figure 5 – 138kV Main Substation (PSS) General Arrangement
Figure 7 – 2150 Portal Electrical Room #29 Electrical Equipment Layout
Cover Page and Pages 1-3 2012 Pogo Plan of Operations

Cc: **Brent Martellaro, ADNR**
Tim Pilon, ADEC

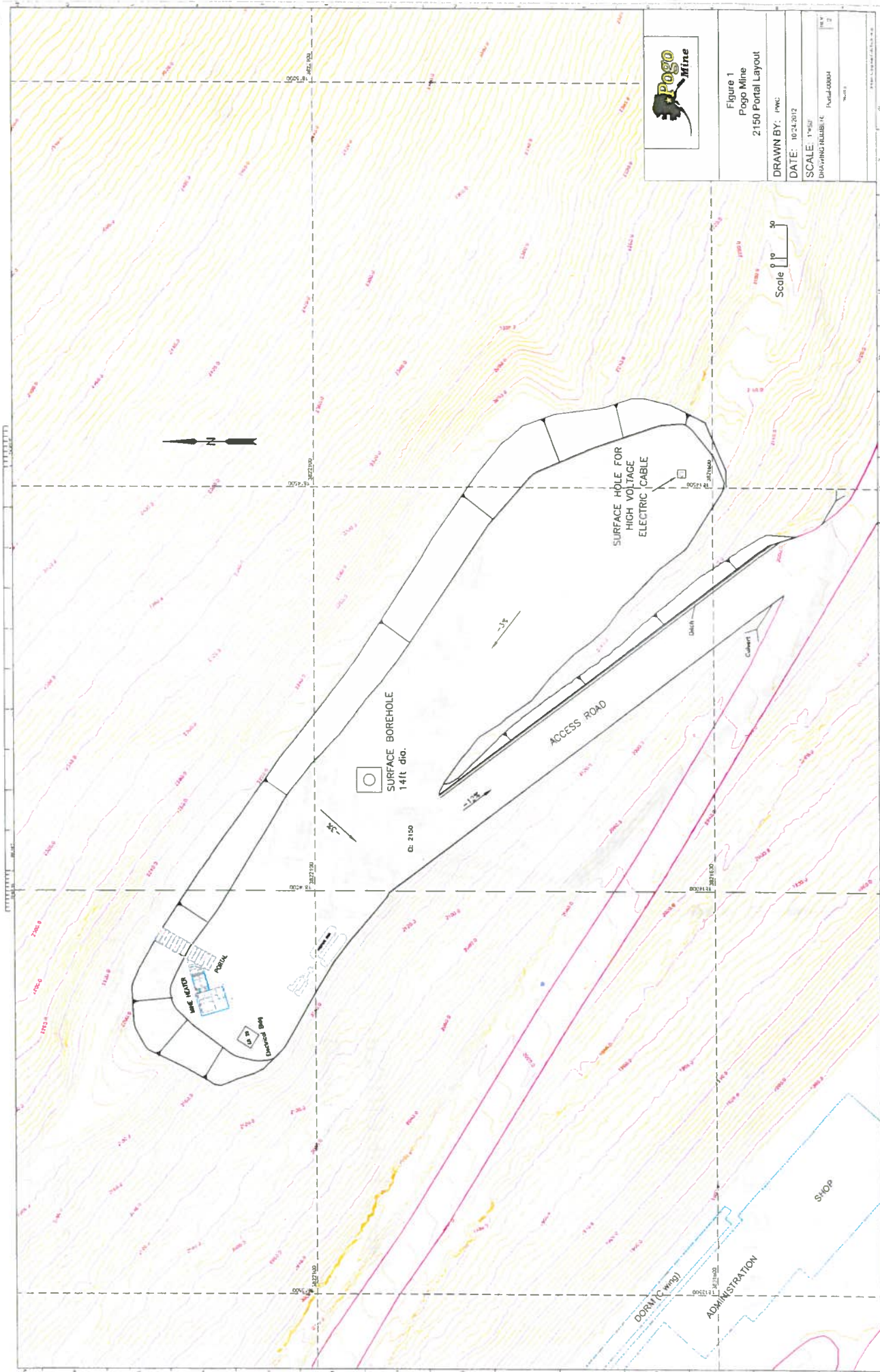
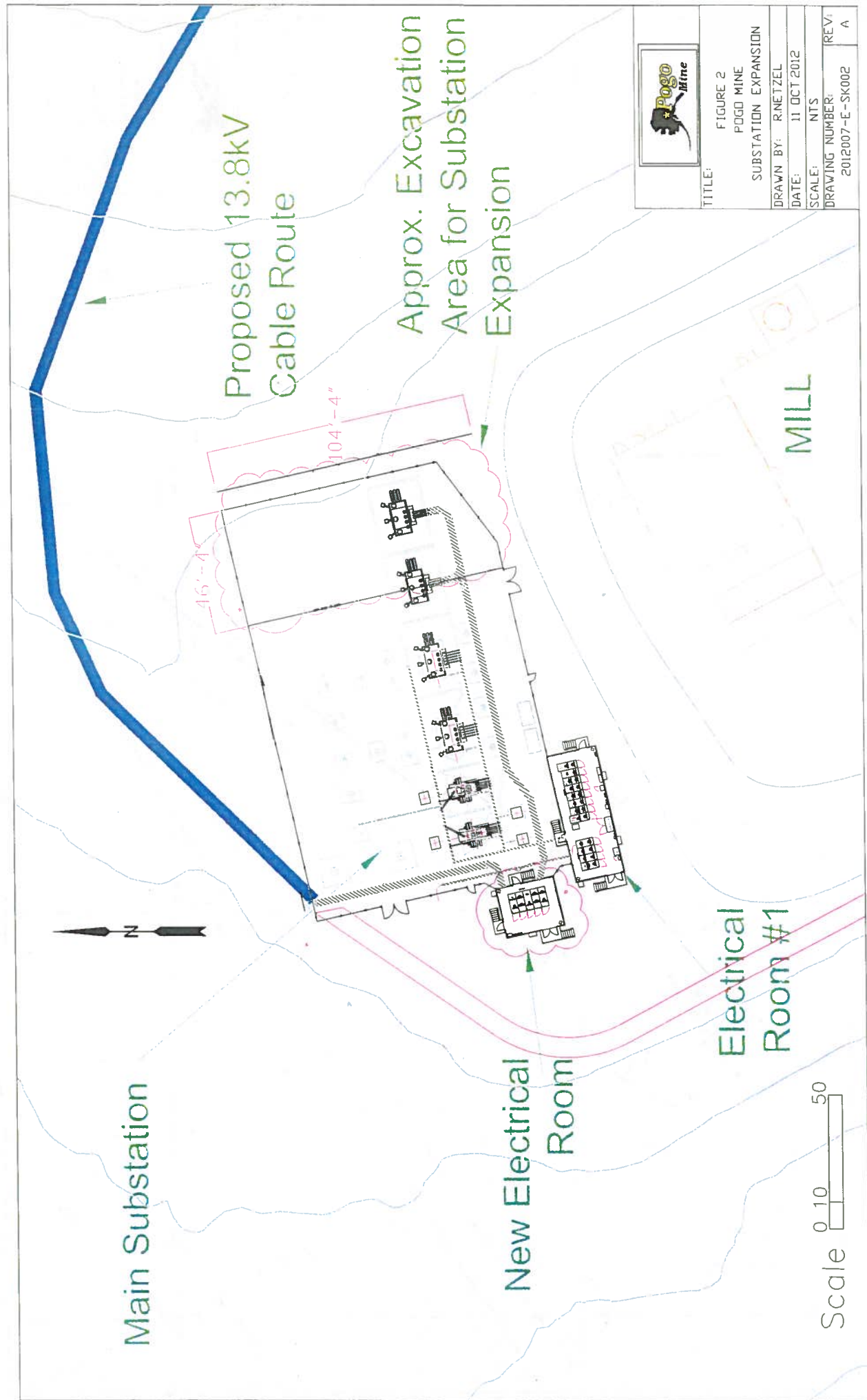
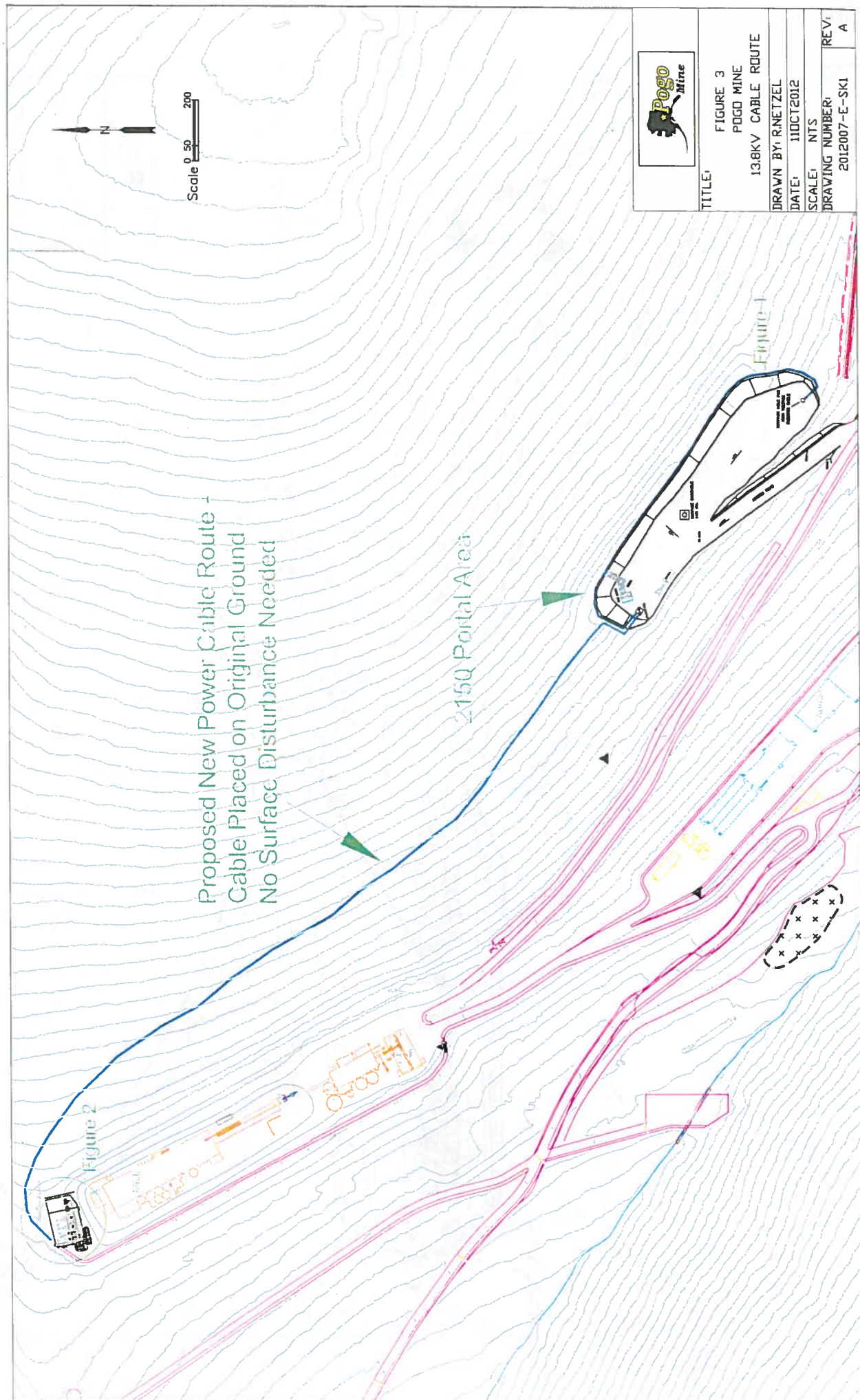


Figure 1
Pogo Mine
2150 Portal Layout

DRAWN BY: PWC
DATE: 10/24/2012
SCALE: 1"=50'
DRAWING NUMBER: 100004
DATE: 10/24/2012





TITLE:	FIGURE 3 POGO MINE 13.8KV CABLE ROUTE
DRAWN BY:	R.NETZEL
DATE:	11OCT2012
SCALE:	NTS
DRAWING NUMBER:	2012007-E-SK1
REV:	A

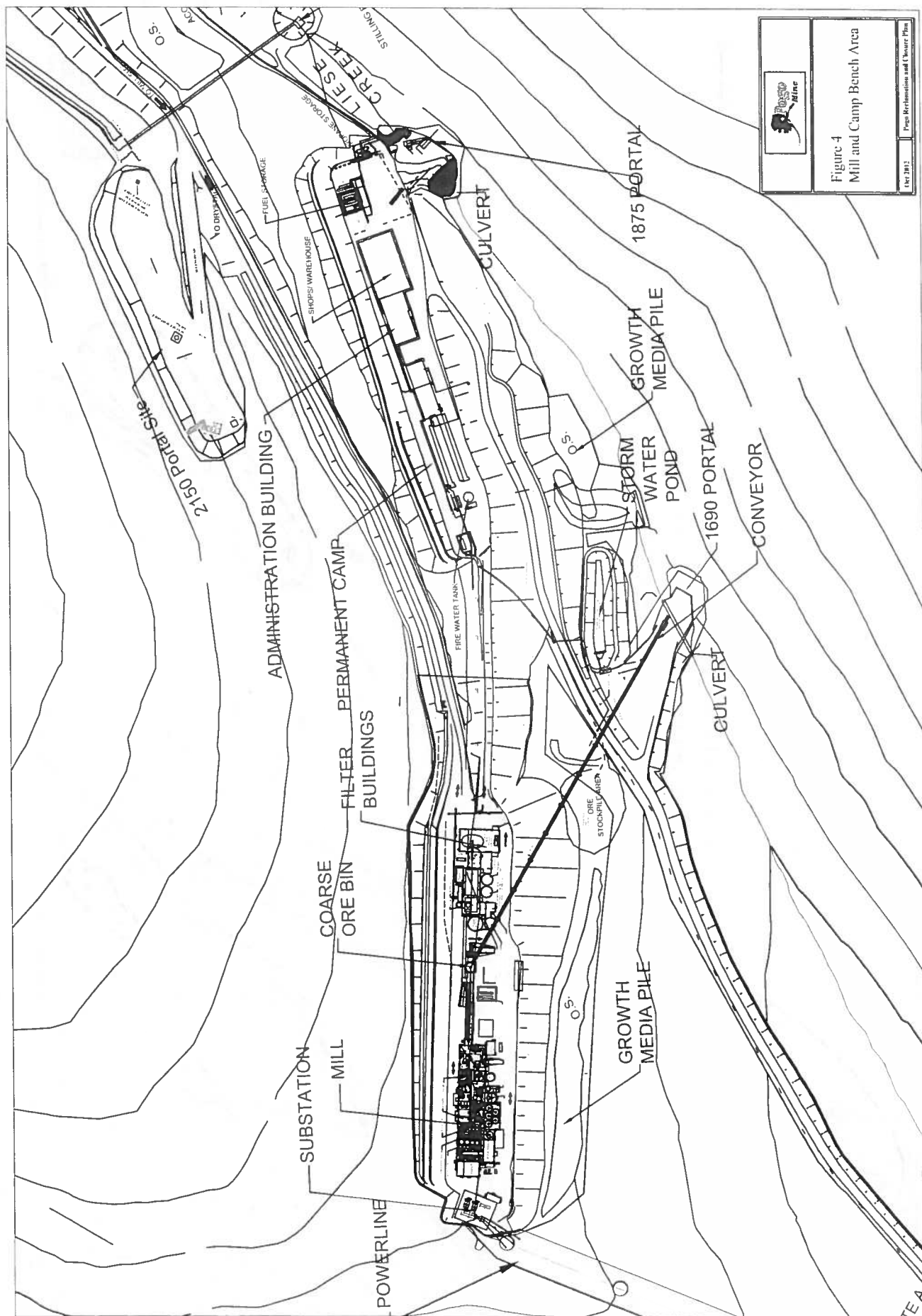


Figure 4
Mill and Camp Bench Area



PLAN

ELECTRICAL EQUIPMENT

[illegible]

**Table 1.1: Revisions**

2012 Plan of Operations Revisions			
Revision #	Date	Change	By
1	February 2012	Addition to D-Wing Dorm at Lower Camp	Pogo
2	March 2012	DSTF Expansion and New Diversion Ditch	Pogo
3	May 2012	Extension to MWTP#2 for 2 New Sand Filters	Pogo
4	October 2012	Upgrade Section of ORTW Pipeline	Pogo
5	December 2012	East Deep Expansion Power Distribution System	Pogo

**Table 1.2: Table of Significant Changes**

Revision #	Change Requested By	Description	Affected Section
1	Pogo	Add Dorm to Lower Camp	Section 4.6 Figure 1.3a
2	Pogo	Expand DSTF to 20 Mton capacity, build new diversion ditch and haul road, and close existing diversion ditch. Updated cost model.	Sections 4.6, 7.2.1, 7.2.2, and 12, Appendix B: Figures 1.3, 1.3a, 1.3b, 1.3d and 7.1
3	Pogo	Add extension to MWTP#2 for two new sand filters.	Section 1
4	Pogo	Upgrade section of ORTW pipeline from six inch to ten inch diameter line.	Section 1
5	Pogo	Extend existing power distribution system in preparation for East Deep expansion.	Section 1
6			
7			
8			
9			
10			