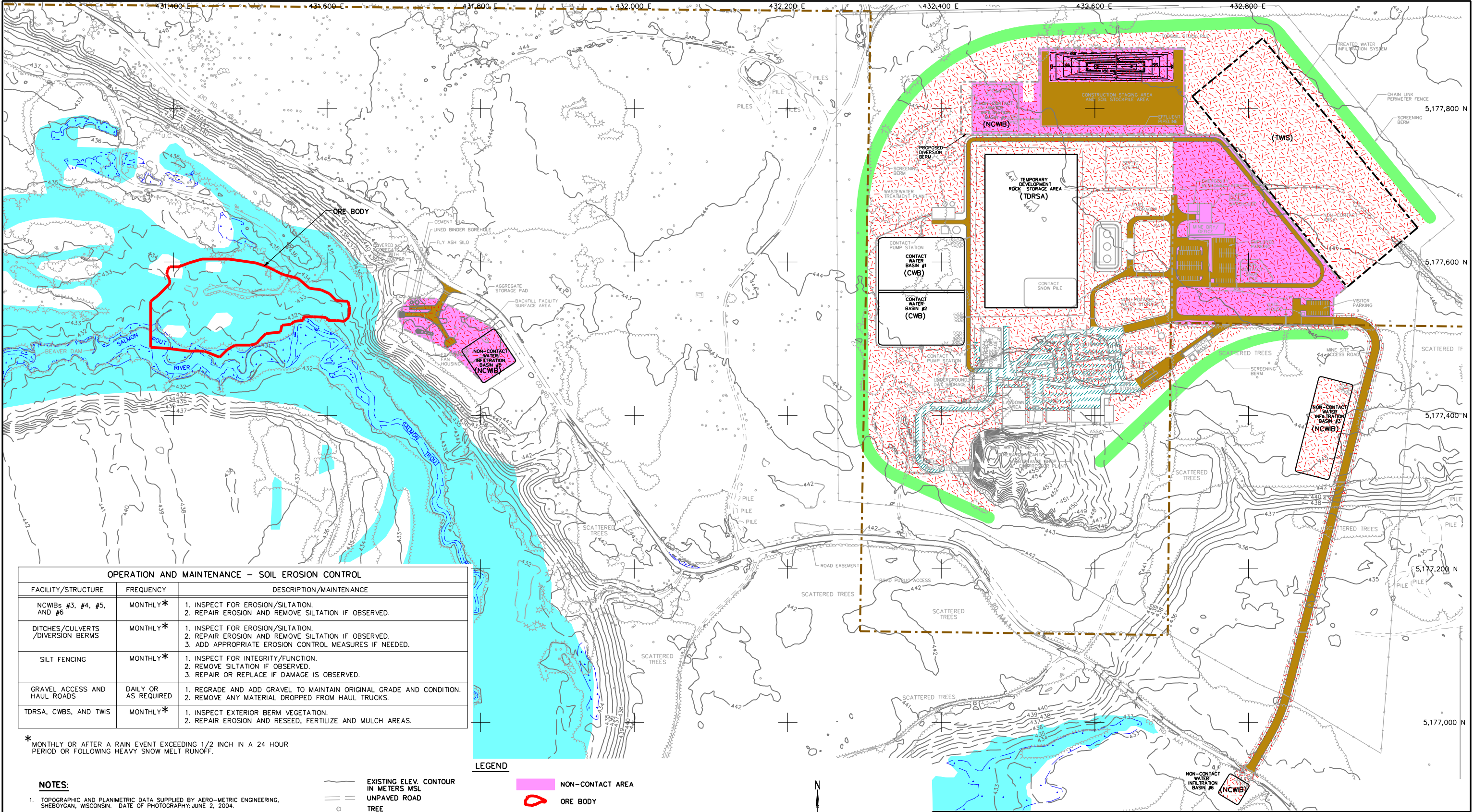




OPERATION AND MAINTENANCE – SOIL EROSION CONTROL		
FACILITY/STRUCTURE	FREQUENCY	DESCRIPTION/MAINTENANCE
NCWBs #3, #4, #5, AND #6	MONTHLY*	1. INSPECT FOR EROSION/SILTATION. 2. REPAIR EROSION AND REMOVE SILTATION IF OBSERVED.
DITCHES/CULVERTS /DIVERSION BERMS	MONTHLY*	1. INSPECT FOR EROSION/SILTATION. 2. REPAIR EROSION AND REMOVE SILTATION IF OBSERVED. 3. ADD APPROPRIATE EROSION CONTROL MEASURES IF NEEDED.
SILT FENCING	MONTHLY*	1. INSPECT FOR INTEGRITY/FUNCTION. 2. REMOVE SILTATION IF OBSERVED. 3. REPAIR OR REPLACE IF DAMAGE IS OBSERVED.
GRAVEL ACCESS AND HAUL ROADS	DAILY OR AS REQUIRED	1. REGRADE AND ADD GRAVEL TO MAINTAIN ORIGINAL GRADE AND CONDITION. 2. REMOVE ANY MATERIAL DROPPED FROM HAUL TRUCKS.
TDRSA, CWBS, AND TWIS	MONTHLY*	1. INSPECT EXTERIOR BERM VEGETATION. 2. REPAIR EROSION AND RESEED, FERTILIZE AND MULCH AREAS.

* MONTHLY OR AFTER A RAIN EVENT EXCEEDING 1/2 INCH IN A 24 HOUR PERIOD OR FOLLOWING HEAVY SNOW MELT RUNOFF.

- NOTES:**
- TOPOGRAPHIC AND PLANIMETRIC DATA SUPPLIED BY AERO-METRIC ENGINEERING, SHEBOYGAN, WISCONSIN. DATE OF PHOTOGRAPHY: JUNE 2, 2004.
 - MINE PLAN DATA AREA ADAPTED FROM MCINTOSH ENGINEERING, INC., TEMPE, ARIZONA.
 - SURFACE PROPERTY BOUNDARY AS OF NOVEMBER 18, 2004 SUPPLIED BY KENNECOTT VIA GOLDER & ASSOCIATES INC., AUGUST, 2005.
 - CONTOUR INTERVAL BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. HORIZONTAL DATUM BASED ON NAD 83/94. HORIZONTAL COORDINATES BASED ON UTM ZONE 16.
 - ORE BODY, WETLAND BOUNDARY (WETLAND AND COASTAL RESOURCES) SUPPLIED BY GOLDER & ASSOCIATES, INC. AUGUST, 2005.
 - SITE LOCATION: PROJECT SITE WITHIN SECTIONS 11 & 12, T50N, R29W, TOWN OF MICHIGAMME, MARQUETTE COUNTY, MICHIGAN.

EXISTING ELEV. CONTOUR IN METERS MSL

UNPAVED ROAD

TREE

TREE LINE

WCR MAPPED WETLAND BOUNDARY PROVIDED BY GOLDER & ASSOCIATES, INC. APRIL 7, 2005.

KENNECOTT PROPERTY BOUNDARY

ROAD EASEMENT PROVIDE BY MCINTOSH ENGINEERING, INC., AUGUST, 2005

TREATED WATER INFILTRATION SYSTEM

PLANIMETRIC WETLAND NOTATION

PERIMETER FENCE

NON-CONTACT AREA

ORE BODY

CULVERT

EROSION MAT OR RIPRAP

DRAINAGE DITCH AND FLOW DIRECTION

GRAVEL AREAS

SEEDD AREAS

EXCESS SOIL BERM

BITUMINOUS LINED OPERATIONS AREA

Foth & Van Dyke

REVISED	DATE	BY	DESCRIPTION
CHECKED BY:		JOSI	DATE: FEB. '06
APPROVED BY:		SVDI	DATE: FEB. '06
APPROVED BY:			DATE:

Kennecott Eagle Minerals

FIGURE 4-15

SITE EROSION CONTROL PLANS

OPERATIONS PHASE

Scale: 0 60M 120M

DATE: FEBRUARY, 2006

Prepared By: Foth & Van Dyke

By: GJB

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2/17/2006 jow