

#43

0025

ACT/007/038

Copy to: [unclear], [unclear]

**JOINT PLAN**  
U.S. ARMY CORPS OF ENGINEERS  
UTAH STATE ENGINEER'S OFFICE - FOR NATIONAL STREAM CHANNELS

**FORM**

IS 404 AND 10

JUN 30 1999

91-Area  
99-91-20

Application Number

(Assigned by):

Corps

**WATER RIGHTS PRICE**

State Engineer

Applicant's Name (Last, First M.L.) Cyprus Plateau Mining Corporation - Willow Creek Mine	Authorized Agent Johnny Pappas	Telephone Number and Area Code (435) 472-4741
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Applicant's Address (Street, RFD, Box Number, City, State, Zip)  
847 NW HWY 191  
Helper, Utah 84526

**PROJECT LOCATION**

Quarter Section(s) SW 1/4	Section 21	Township 12 S	Range 10 E	Base & Meridian SLB&M
County Carbon	Watercourse to be altered Willow Creek		Check one: <input type="checkbox"/> Within City Limits <input checked="" type="checkbox"/> Outside City Limits List town or nearest town: Helper	

Project location or address: Approximately 2.6 miles northeast of Cyprus Plateau's Willow Creek Mine on State Highway 33/U.S. Highway 191.

Brief description of project:  
The purpose of this project is to re-open an existing power line access/exploration road. This road will provide access to two new exploration drill holes.

Purpose (justification) of project:  
These exploration drill holes are necessary to evaluate existing reserves and determine proper mine planning. This road will provide access to these two holes during the life of the mine. The two drill holes, in two to five years, may be used as methane drainage holes.

Is this a single and complete project or is it part of a larger project, continuing project, or other related activities? If so, please describe the larger project or other related activities.  
This stream crossing will be used only for these two exploration drill holes.

If project includes the discharge of dredged or fill material into a watercourse or wetland: NA  
Cubic yards of material:  
Acreage or square footage of waters of the United States, including wetlands, affected by the project:  
Source and type of fill material:

File in: 0070038. 1999. In coming  
Refer to:  
 Confidential  
 Shelf  
 Expandable  
Date: 6/30/99 For additional information

**RECEIVED**  
JUL 08 1999  
WATER RIGHTS  
SALT LAKE



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER RIGHTS

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
Robert L. Morgan  
State Engineer

1594 West North Temple, Suite 220  
Box 146300  
Salt Lake City, Utah 84114-6300  
801-538-7240  
801-538-7467 (Fax)

July 13, 1999

RE: Stream Channel Alteration No. 99-91-20SA  
Willow Creek  
Cyprus Plateau Mining Corporation

Attached is a copy of an Application to Alter a Natural Stream No. 99-91-20SA. Your comments are requested so we can evaluate any impacts caused by the project.

We are requesting that all comments be returned to me at our office prior to **August 2, 1999**. If we do not receive comments by that date, we will assume you have no input on the proposal outlined in the application.

If you have any questions or comments, feel free to contact Greg Mladenka at 801-538-7375.

Sincerely,

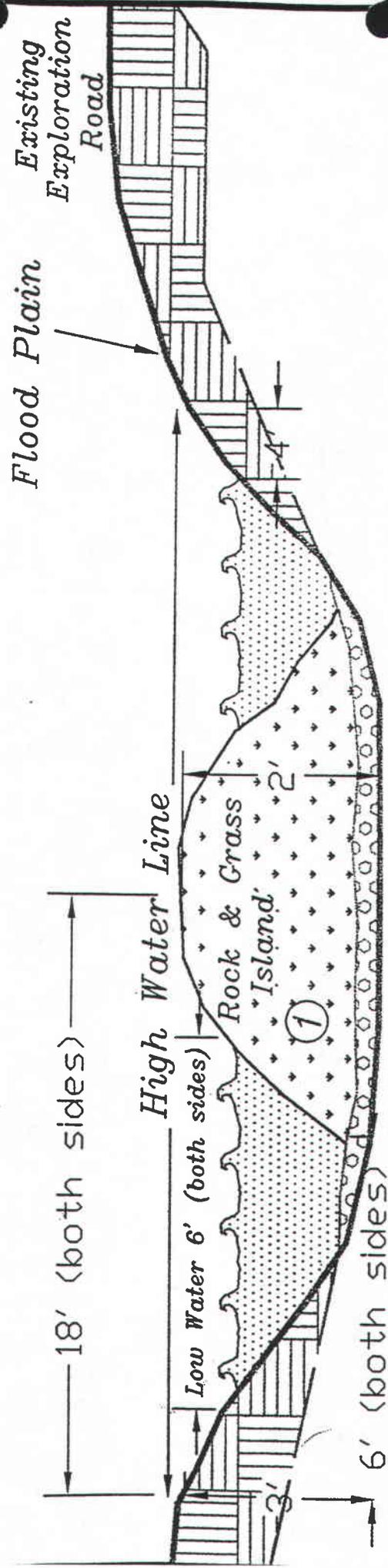
*Judy Mattson*  
for Greg Mladenka  
Stream Alteration Specialist

GM/jm

pc: Bob Mairley - EPA  
Mike Schwinn - Corps of Engineers  
Field Supervisor - U. S. Fish & Wildlife  
Mark Page - Regional Engineer  
Derris Jones - Regional Wildlife Habitat Manager  
Bill Bradwisch - Aquatic Habitat Coordinator  
Rick Summers - Department of Environmental Quality, Water Quality Div.  
Ed Storey - State Lands & Forestry  
Carolyn Wright - State Planning & Coordinator's Office  
Terry Green - State Parks & Recreation  
Jim Dykmann - State Office of Historic Preservation  
W. D. Robinson - Department of Agriculture, Env. Quality Section  
Nancy Barr - Comprehensive Emergency Management  
Dennis Bottino et.al. - Adjacent Property Owner

**SHEET NO. 3**  
**Exploration Road Re-Opening**  
**Willow Creek Mine (Near Helper)**  
**Section 21, T 12 S, R 10 E**  
**UTAH**

**Cross - Section A-A**  
 (See Sheet No. 2)



- ① Remove Island and flatten side slopes to allow drilling rig to cross stream.
- ② Install bottom rock if necessary, this will allow vehicles to pass.

**Additional Map Information:**  
 Metadata can be obtained through E.I.S. Base map and some additional information provided by Cyrrus Willow Creek Mins.

**CLIENT:**  
 Willow Creek Mine

**SCALE:**  
 Not drawn to Scale

**Viewing Terms:**  
 Although every effort has been made to provide accurate data, E.I.S. and its contractors bear no responsibility for the veracity of the data. Some information contained herein is the sole property of E.I.S. and may not be reproduced without consent.

**DATE:**  
 JUNE 1999

**ACAD REF:**  
 Cyrrus\_Amas/GIS/Stream\_sing/Sheet\_3

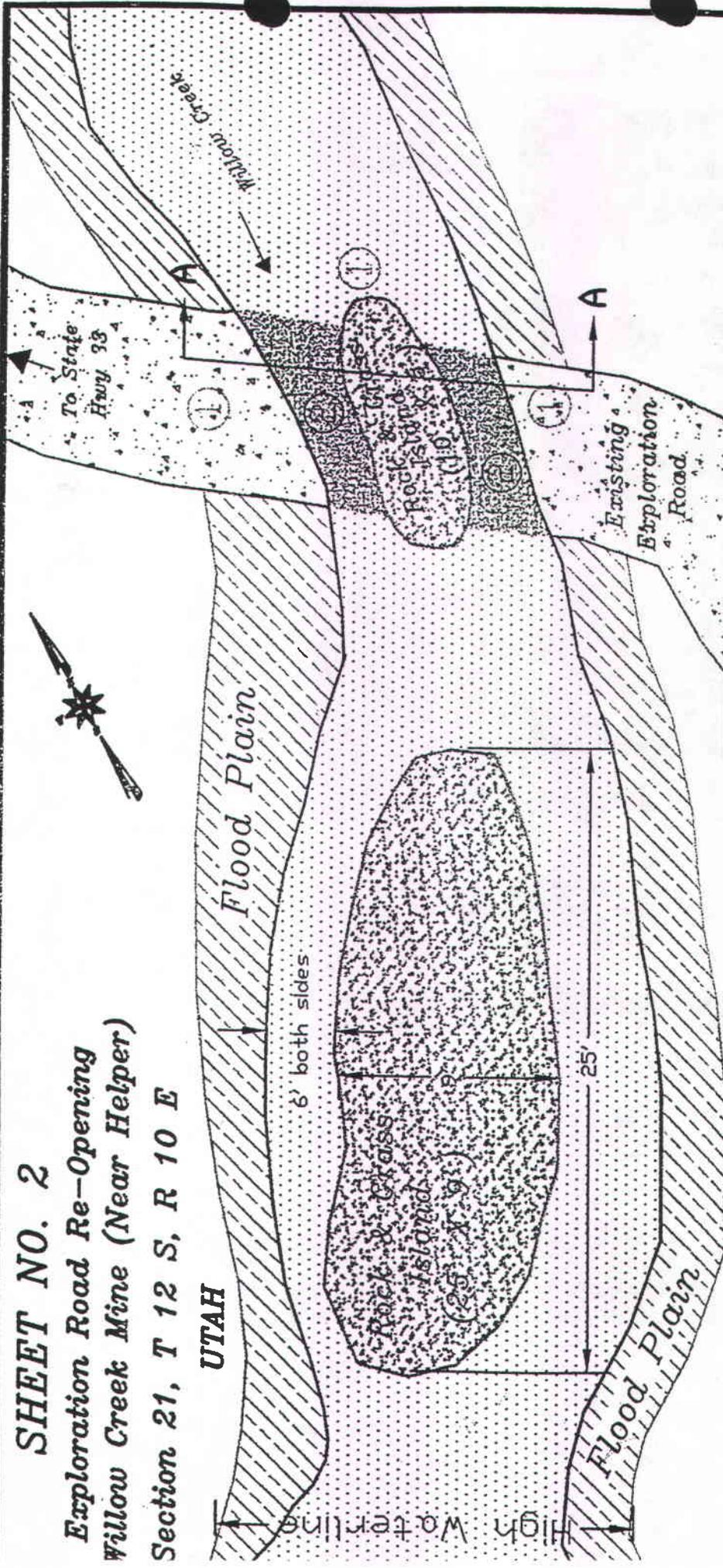
**DESIGNED BY:**  
 31 N. Main St.  
 Helper, UT 84626  
 (801)472-3814  
**EIS**  
 GIS / Draftsperson: K. McDonald  
 ets.gis@castlensat.com

# SHEET NO. 2

Exploration Road Re-Opening  
Willow Creek Mine (Near Helper)

Section 21, T 12 S, R 10 E

UTAH



- ① Remove island and flatten side slopes to allow drilling rig to cross stream.
- ② Install bottom rock if necessary. this will allow vehicles to pass.

**CLIENT:**  
Willow Creek Mine

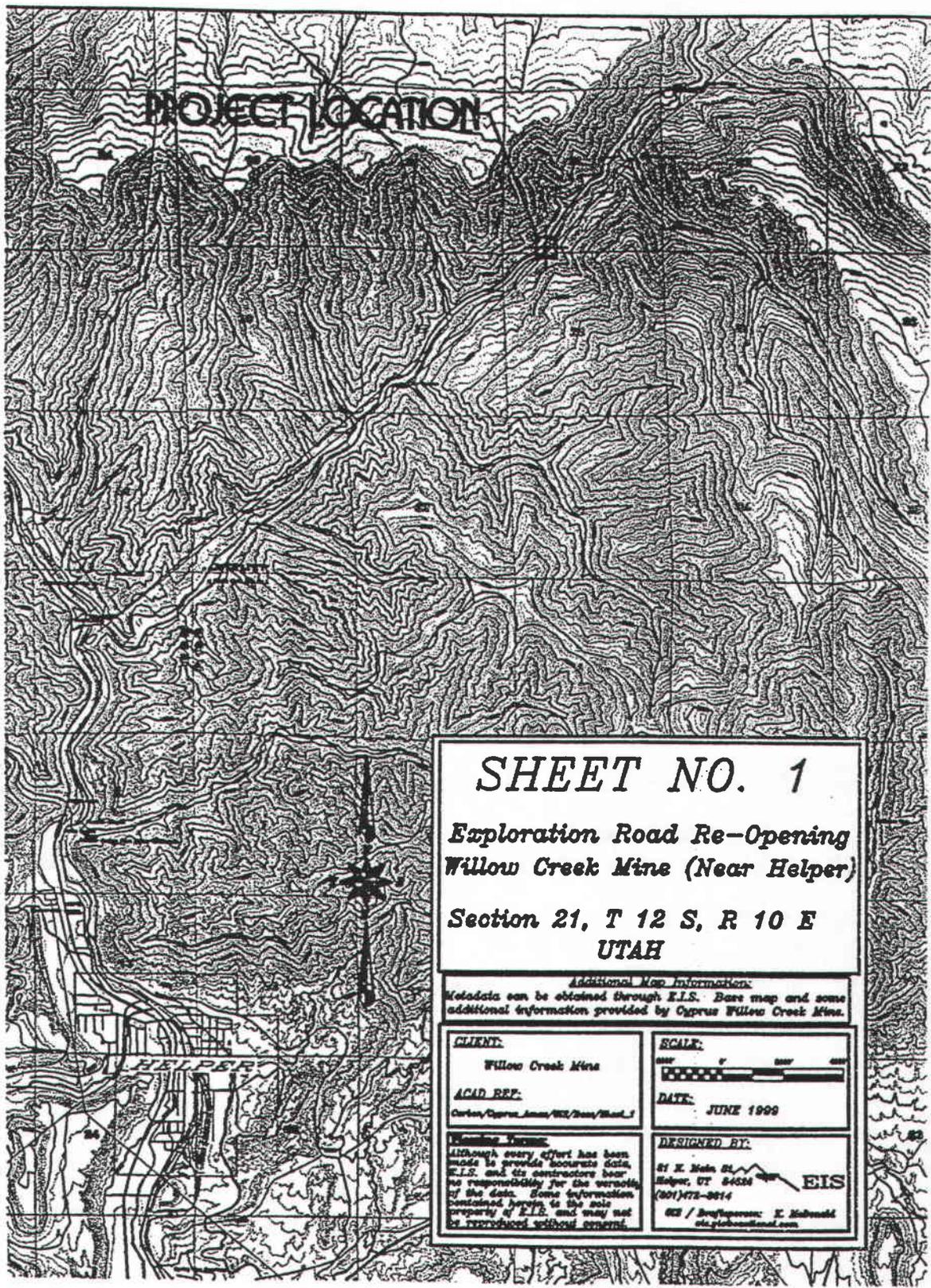
**DATE:** JUNE 1999  
**ACAD REF:** Cyprus\_Amaz/GIS/Stream\_xing/Sheet\_2  
**DESIGNED BY:** EIS  
81 N. Main St., Helper, UT 84526  
(801)472-9814  
GIS / Draftsperson: K. McDonald  
ets.gis@castlenet.com

**Viewing Terms:**  
Although every effort has been made to provide accurate data, E.I.S. and its contractors bear no responsibility for the veracity of the data. Some information contained herein is the sole property of E.I.S. and may not be reproduced without consent.

Additional Map Information:  
Metadata can be obtained through E.I.S. Base map and some additional information provided by Cyprus Willow Creek Mine.

crossing Willow

#32



# SHEET NO. 1

Exploration Road Re-Opening  
Willow Creek Mine (Near Helper)

Section 21, T 12 S, R 10 E  
UTAH

*Additional Map Information:*  
Metadata can be obtained through E.I.S. Base map and some additional information provided by Cyprus Willow Creek Mine.

<p><b>CLIENT:</b> Willow Creek Mine</p>	<p><b>SCALE:</b> 0 100 200 feet</p>
<p><b>ACAD REF:</b> Carter/Cyprus Area/92/Zone/Block 1</p>	<p><b>DATE:</b> JUNE 1999</p>
<p><b>Warning Notice:</b> Although every effort has been made to provide accurate data, E.I.S. and its contractors bear no responsibility for the accuracy of the data. Some information contained herein is the sole property of E.I.S. and may not be reproduced without consent.</p>	<p><b>DESIGNED BY:</b> St. K. Stein et al. Helper, UT 84524 (801)472-3614 EIS GIS / Draftsperson: K. Edmund eis.geotechnical.com</p>

Alternatives (other ways to accomplish the project purpose):

Coal quality and methane content information is required from this location. Due to the steep terrain in this area, it is not possible to access this site without crossing Walnut Creek.

**COMPLETE** names and addresses of adjacent property owners (immediately upstream and downstream) or other individuals who may be affected by this project:

Dennis Bottino et. al.  
69 B Street  
Helper, Utah 84526-1214

List other authorizations required by Federal, state or local governments (i.e. : National Flood Insurance Program), and the status of those authorizations.

NA

Estimated starting date of project: July/August, 1999

Estimated completion date: November 1999

(If project has already been partially or totally completed, indicate date of work. Indicate existing work on drawings).

Application is hereby made for a permit or permits to authorize the activities described herein. I certify that I am familiar with the information contained in the application, and that to the best of my knowledge and belief, such information is true, complete and accurate. I further certify that I possess the authority to undertake the proposed activities or am acting as the duly authorized agent of the applicant.

Signature of Applicant Tom Paluso Date 6/25/99

I hereby certify that Tom Paluso is acting as my agent for this project.

Agent's address and telephone number:

EIS 32 North Main Street, Helper, Utah 84526-1214

Phone (435) 472-3814

## INSTRUCTIONS

**Applications which do not include the following will not be processed.**

For a complete application, you **MUST** include the following on 11 X 17 or smaller paper (for large projects, multiple sheets with a key may be used). Clear, hand-drawn plans approximately to scale are acceptable.

1. An accurate location map (USGS quadrangle map preferred)
2. A plan view of the proposed activity (as seen from above) including dimensions of work.
3. A cross-section view of the proposed activity (may use typical cross-section for large projects) including dimensions.
4. For projects which include wetlands, an accurate wetland delineation must be prepared in accordance with the current method required by the Corps.