

Notice of Preparation and Responses

December 14, 1998

Planning Department

COUNTY OF IMPERIAL



Jurg Heuberger, AICP - Director

NOTICE OF PREPARATION

TO: All
Federal, State, and
Local, Responsible
Cooperating Agencies

From: Planning/Building Department
939 Main Street
El Centro, CA 92243
(760) 339-4236/FAX 353-8338

SUBJECT: Notice of Preparation of a Draft Environmental Impact Report/
Statement for the Mesquite Mine Expansion by Newmont Gold
Company/6502 East Highway 78, Brawley, California 92227

This is to inform you that the Imperial County Planning/Building Department in cooperation with the Bureau of Land Management, El Centro Field Office, will be the lead agency and will prepare an EIR/EIS for the project described below. Your participation as a responsible/cooperating agency is requested in the preparation and review of this document. We will need the name of a contact person in your agency.

We need to know the applicable permit and environmental review requirements of your agency and the scope and content of the environmental information which is relevant to your agency's statutory responsibilities in connection with the proposed project. Your agency will need to use the EIR/EIS prepared by the Planning/Building Department when considering your permit or other approval for the project.

The project action is to expand the existing Mesquite Mine, located approximately 35 miles east of Brawley, in eastern Imperial County, California. The site is bordered on the north by the U.S. "Chocolate Mountains Aerial Gunnery Range" and on the east and south by State Highway 78. The Mesquite Mine began mining operations in late 1985 and has been in continuous operation to date. A summary project description, map location of project, and probable environmental impacts of the project are attached hereto.

Alternatives to be studied will include the "no project" alternative as appropriate to minimize environmental effects of the project.

Notice of Preparation
Mesquite Mine Expansion
Page Two

Three public scoping meetings will be noticed in local newspapers to solicit citizen information and participation in the proposed project. On January 26, 1998, the first scheduled scoping meeting will be held in Yuma, Arizona, at 7:00 p.m., the second meeting will be held in El Centro, California, at 7:00 p.m. on January 28th, and the third meeting to be held at 7:00 p.m. in San Diego. There will be a formal public hearing at the conclusion of the environmental studies by the Imperial County Planning Commission and the County Board of Supervisors. Public notice will be given as to the date, location and time of the scoping meeting and scheduled public hearings. Other individual scoping meetings will be arranged with responsible/cooperating agencies and with special interest groups upon request.

Due to the limits imposed by State law, your response must be sent at the earliest possible date but not later than 45 days after receipt of this notice.

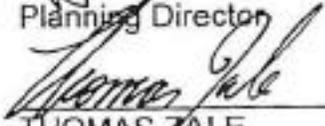
Please send your response and direct any comments or questions regarding this project to Jurg Heuberger, AICP, Planning Director, Planning/Building Department, 939 Main Street, El Centro, California 92243, or by telephone at (760) 339-4236, extension 310, or via E-Mail to jurg@icoe.k12.ca.us. For comments regarding federal concerns, please contact Kevin Marty at Bureau of Land Management, Department of Interior, 1661 South 4th Street, El Centro, California 92243, telephone (760) 337-4400, FAX (760) 337-4490.

We look forward to working with all interested individuals, agencies and departments in the proposed expansion of the Mesquite Mine.

12-14-98
DATE

12-14-98
DATE



JURG HEUBERGER, AICP
Planning Director


THOMAS ZALE
Acting Field Manager

Attachments

JH/RC/MesqNOP

Reviewing Agencies Checklist

Supplementary Document N

KEY

- S** = Document sent by lead agency
- X** = Document sent by SCH
- ✓ = Suggested distribution

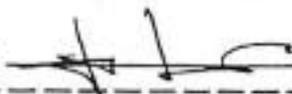
- ✓ Resources Agency
- Boating & Waterways
- Coastal Commission
- Coastal Conservancy
- Colorado River Board
- Conservation
- ✓ Fish & Game
- Forestry
- ✓ Office of Historic Preservation
- Parks & Recreation
- Reclamation
- S.F. Bay Conservation & Development Commission
- Water Resources (DWR)
- Business, Transportation & Housing**
- Aeronautics
- California Highway Patrol
- CALTRANS District # _____
- Department of Transportation Planning (headquarters)
- Housing & Community Development
- Food & Agriculture**
- Health & Welfare**
- Health Services _____
- State & Consumer Services**
- General Services
- OLA (Schools)

- Cal-EPA
- Air Resources Board
- ✓ APCD/AQMD
- California Waste Management Board
- SWRCB: Clean Water Grants
- SWRCB: Delta Unit
- SWRCB: Water Quality
- SWRCB: Water Rights
- ✓ Regional WQCB # 7 (PALM DESERT)
- Youth & Adult Corrections
- Corrections
- Independent Commissions & Offices**
- Energy Commission
- ✓ Native American Heritage Commission
- Public Utilities Commission
- Santa Monica Mountains Conservancy
- ✓ State Lands Commission
- Tahoe Regional Planning Agency
- S** Other USF&WS (Carlsbad)
- Army Corps of Engineers (San Diego)
- Yuma Marine Air Station

Public Review Period (to be filled in by lead agency)

Starting Date 12/14/98

Ending Date 1/29/99

Signature 

Date 12-14-98

Lead Agency (Complete if applicable):

Consulting Firm: _____
 Address: _____
 City/State/Zip: _____
 Contact: _____
 Phone: (____) _____

Applicant: _____
 Address: _____
 City/State/Zip: _____
 Phone: (____) _____

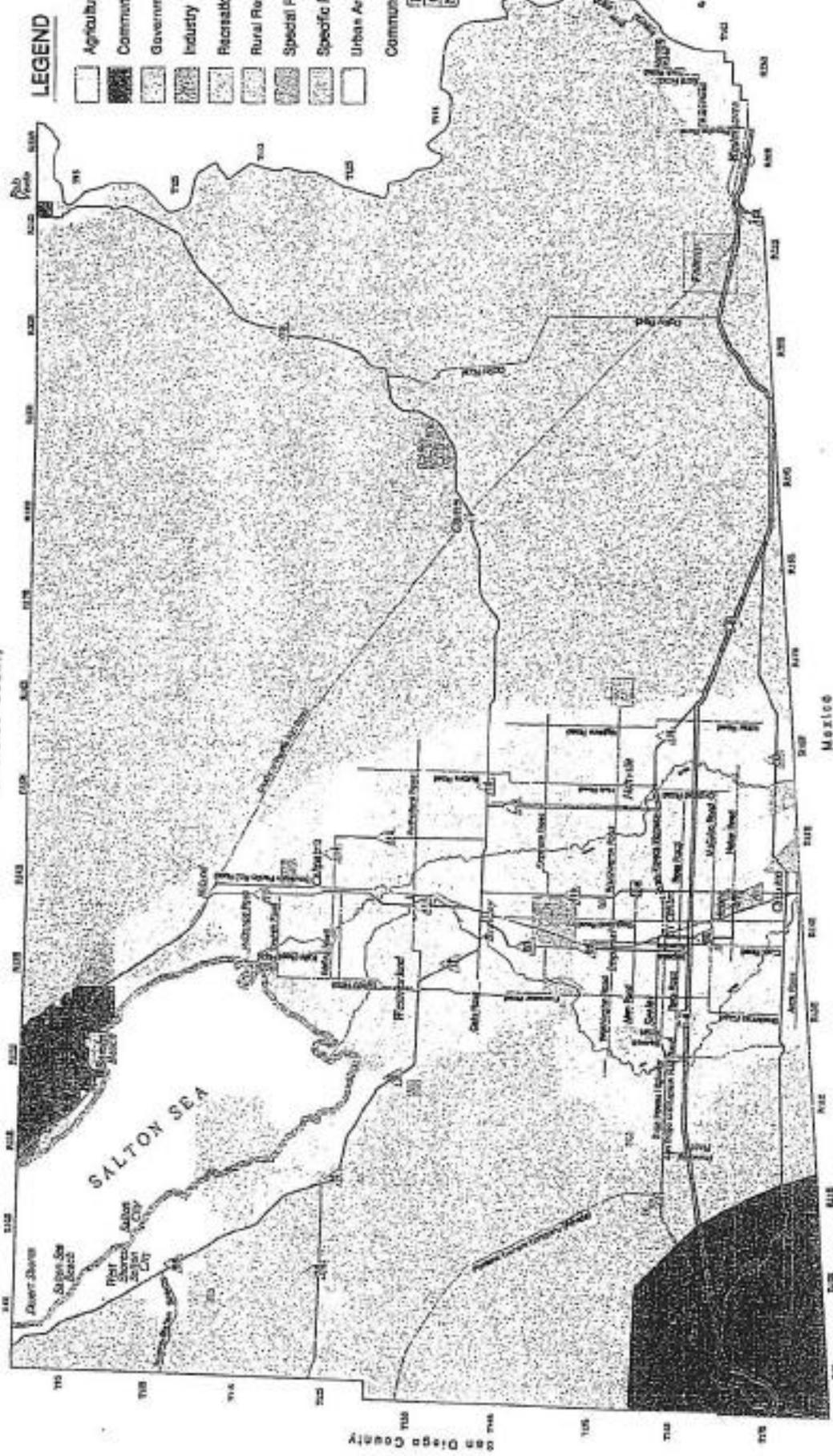
For SCH Use Only:

Date Received at SCH _____
 Date Review Starts _____
 Date to Agencies _____
 Date to SCH _____
 Clearance Date _____

Notes:

Revised October 1989

Riverside County



LEGEND

- Agriculture
 - Community Area
 - Government/Special Public
 - Industry
 - Recreation/Open Space
 - Rural Residential
 - Special Purpose Facility
 - Specific Plan Area
 - Urban Area
- Community Facilities:**
- Hospital
 - College
 - Museum

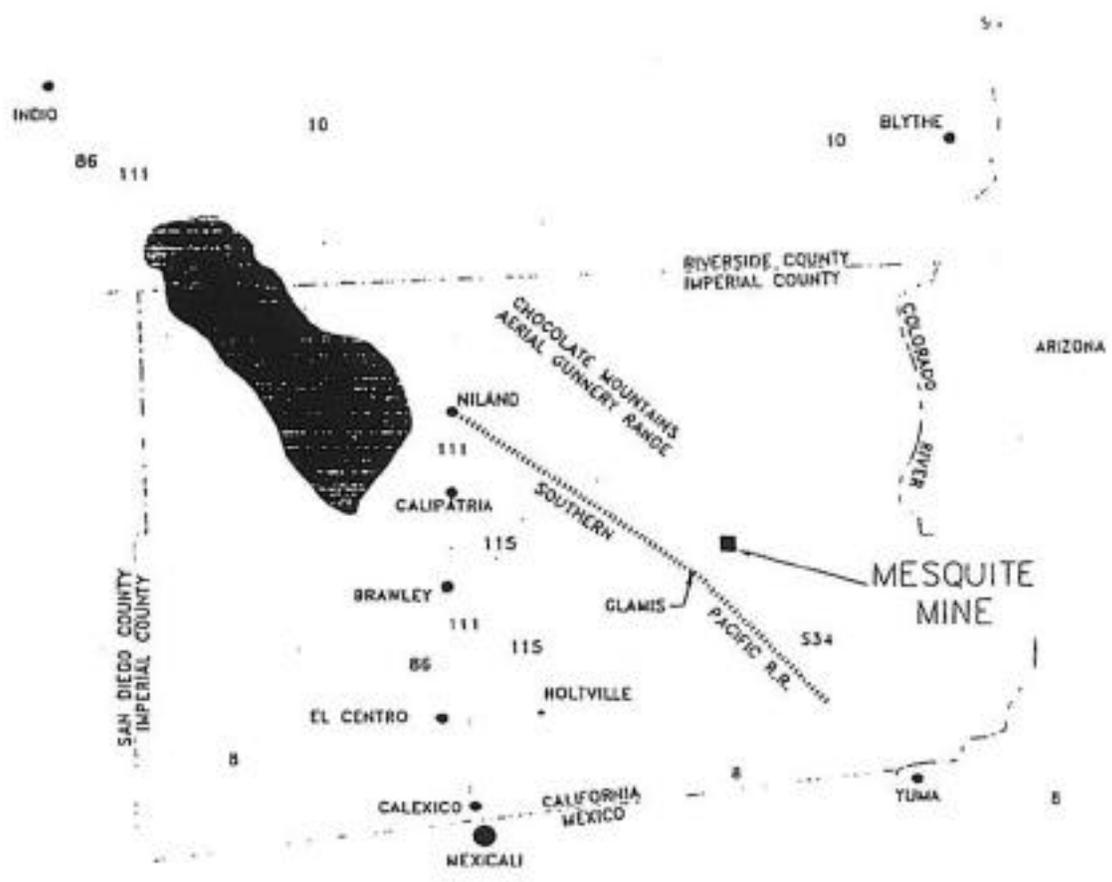
Symbol	Description
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**Imperial County
General Plan**

Imperial County Land Use Plan

Adopted November 5, 1982 by the Board of Supervisors through Minute Order P 18 D

Land Use Element



REVISION	DESCRIPTION	BY	DATE	APPROVED	DATE

Newmont Gold Company	FIGURE 1.0 SITE LOCATION MAP			
	Mesquite Mine	REV. NO. 0/00	DATE 8/98	FILE NO. FIG1.DWG
SCALE 1"=5000' (VERTICAL UNITS, 30')				

2.0 PROJECT DESCRIPTION

2.1 Project Background

The Mesquite Mine is located in the Mesquite mining district, approximately 35 miles east of Brawley, in eastern Imperial County, California. The site is bordered on the north by the United States Navy's Chocolate Mountains Aerial Gunnery Range and on the east and south by California State Highway 78. The facility currently encompasses approximately 5,200 acres, of which approximately 3700 acres have been disturbed under existing permits and approvals.

The Mesquite Mine began mining operations in late 1985 following the BLM's preparation of the Environmental Assessment, and the State of California's approval of the Environmental Impact Report (U.S.D.I., BLM, St. Clair Research, EIR/EA, 1984.) Since that time, several expansions and modifications to operations have taken place. These are summarized within the Mesquite Mine Consolidated POO. Also summarized there are the operating conditions and stipulations for the Mesquite Mine. Previous approvals included the construction and operation of facilities and related land disturbance activities in all or parts of Sections 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 15, 16, 17, 18, 19, 20, 21, 28, and 33 in T13S, R19E and Sections 4, 28 and 33 in T14S, R19E.

2.2 Existing and Permitted Facilities

Facilities at Newmont's Mesquite facility (Map 1) currently consist of:

1. Three open pit mines (Big Chief, Rainbow and Vista)
2. Seven heap leach pads (Vista Pad , and Pads 1, 2, 3, 4, 5, and 6). All pads are served by a single drainage collection network and process solution ponds

3. Fifteen overburden/interburden storage areas and clay storage areas
4. Ancillary facilities, including administrative offices, warehouse, maintenance shops, crusher, overland conveyor, laboratory and gold plant
5. Haul roads and storm water diversion channels
6. Limited land disturbances associated with permitted exploration activities

Table 1: Existing Disturbance Acreage

Facility	Cumulative Allowable Disturbance	Existing Disturbance
Open Pit Mines		
Big Chief		350
Rainbow		77
Vista		335
Open Pit Mine Total	910	762
Heap Leach Pads		
Nos. 1, 2, 3, &4 (combined)		292
Pad 5		121
Pad 6		150
Vista Pad		82
Ponds and Leach Facility Roads		258
Heap Leach Pad Total	1,143	903
OISA (Includes Clay Stockpiles)	1,738	1,219
Ancillary Facilities**	1,159	771
TOTAL	3,950	3,655

Note:

* Allowable under existing permits and approvals of the current Consolidated Plan of Operations.

** Includes Exploration Disturbance, haul roads, and storm water diversion channels.

2.3 Threatened and/or Endangered Species

The Mesquite Mine submitted a Biological Assessment concerning the Desert Tortoise to the Bureau of Land Management (BLM) in November 1991. The BLM then requested formal consultation, pursuant to Section 7 of the Endangered Species Act, from the United States Fish and Wildlife Service (USFWS). The USFWS subsequently issued Biological Opinion 1-6-92-F-22 (USFWS, 1992a) for the Mesquite Mine on March 26, 1992 in response to the BLM request. That Opinion was later amended to incorporate changes in the Mine's operating plan. The Mesquite Mine is currently operating under approved conditions and mitigation measures specified in those amendments.

Additionally, on June 1, 1992, the USFWS issued BO 1-6-92-F-28 (USFWS, 1992b) pertaining to small mining and exploration operations disturbing less than ten acres in the California Desert Conservation Area. The Mesquite Mine is located in this area and some minor activities at and around the mine have been undertaken under this Opinion.

The most recent Biological Assessment was submitted to the Los Angeles District Office of the U.S. Army Corps of Engineers (ACOE) in November 1997. That Assessment pertained to the North Half Sections (of Sections 5&6, T13S, R19E) Exploration Program. The ACOE then requested formal consultation from the USFWS, the USFWS consequently issued Biological Opinion 1-6-98-F-39 (USFWS, 1998). The North Half Sections Exploration Program is currently operating under approved conditions and mitigation measures specified in the BO.

Under the mitigation measures of the Biological Opinions, pre-construction clearance must be performed for the Desert Tortoise two weeks prior to any

disturbance activity. Surveys and appropriate mitigation measures pursuant to the Biological Opinions are performed if any Desert Tortoise habitation is found. Compensation for the proposed disturbance presented in this POO amendment would be provided to the BLM by Newmont in the form of a land exchange. Pursuant to previous mitigation efforts, compensation acres through the land exchange for the proposed new disturbance are also proposed to be calculated at 1.5 times the disturbed acres of habitat.

3.0 EXPLORATION ACTIVITIES

An active program of exploratory drilling is currently underway in northern halves of Sections 5 & 6 of T13S, R19E. This permitted program consists of a series of 387 boreholes, of which 191 were completed at this date (November 23, 1998). This drilling program is currently scheduled to be completed in late 1999. Geologic and metallurgical evaluation of the drilling results is ongoing. The proposed expansion of the North Big Chief Open Pit Mine discussed in Section 4.0 of this Plan is based on current knowledge of that deposit.

4.0 PROPOSED PROJECT

4.1 Proposed Mining Schedule

Current ore reserves included in the Mesquite Consolidated POO would be depleted by the end of the year 2000. Construction on the proposed expansion is anticipated to begin early in the year 2000 or, more correctly, as soon as possible following completion and approval of the proposed action and other related permits. Timely approval of the proposed expansion would allow continuous operations, without process interruption, facility closure, or staff reductions. This

expansion could extend mine operations for approximately seven years (tentatively through the year 2006).

Mining rates will vary with time. These will range from approximately 50 million tons of material per year in years one through three (2000-2002). The rate will then be scaled back to approximately 25 million tons in years four to six (2003-2005). Approximately 9 million tons in the final year of mining operations (year seven or 2008). At no time will mining rates exceed the currently permitted 65 million tons per year. Table 2 indicates the total volumes of materials to be mined, by year, after receipt of the final project approvals.

Table 2: Proposed Mesquite Mine Material Movement Schedule

YEAR	ORE	OVERBURDEN/ INTERBURDEN	TOTAL
1- (2000)	2,626,000	47,825,000	50,451,000
2- (2001)	7,011,000	43,249,000	50,260,000
3- (2002)	10,302,000	39,324,000	49,626,000
4- (2003)	5,363,000	19,319,000	24,682,000
5- (2004)	14,758,000	10,757,000	25,515,000
6- (2005)	14,040,000	11,021,000	25,061,000
7- (2006)	3,886,000	4,886,000	8,772,000
TOTAL	57,986,000	176,381,000	234,367,000

4.2 Proposed Facilities

The proposed Consolidated POO amendment (shown on Maps 2A and 2B) consists of:

- Extensions of the Big Chief Open Pit Mine
- Extension of the Rainbow Open Pit Mine
- Expansion of Out-of-Pit and/or In-Pit Overburden/Interburden Storage Areas (OOISAs and/or IOISAs)
- Construction of additional heap leach facilities
- Construction of ancillary facilities such as access roads and storm water diversion channels

Disposition of subeconomic overburden/interburden via in-pit overburden/interburden storage areas (IOISAs) is the preferred option (See Section 4.2.3). Construction of new or expanded out-of-pit overburden/interburden storage areas (OOISAs) is also an option. Storm water diversion channels will be constructed to the north of the Big Chief and Rainbow Open Pit Mines. Existing drainages within the project site will also be modified to allow extension of the Big Chief Open Pit Mine to the south and southeast. A portion of the Vista Heap Leach Pad and some ancillary office and shop facilities will also be moved to accommodate these extensions.

4.2.1 Open Pits

4.2.1.1 East Rainbow Open Pit Mine Extension

The existing Rainbow Open Pit Mine would be extended to the southeast. The extension would allow access to approximately 23,000,000 tons of ore and would

occupy approximately 105 acres. Approximately 104,000,000 tons of overburden/interburden (O/I) from the extension would be produced. This material would be stored in an IOISA and/or an OOISA.

The maximum depth of the proposed pit is approximately 570 feet. The east wall of the proposed pit would have a designed inter-ramp slope angle of 43 degrees and would be set back approximately 350 feet from Highway 78 in order to provide adequate geotechnical stability. An engineered O/I buttress constructed at the toe of the eastern pit wall will provide additional pit wall stability adjacent to the highway corridor.

Additionally, a berm would be constructed on the eastern edge of the proposed extension to reduce visual impacts to Highway 78 traffic. The berm would be a minimum of 10 feet in height with 2:1 side slopes and would extend approximately 2,450 feet. The berm will also serve to isolate the storm water diversion channel from the East Rainbow Open Pit Mine.

4.2.1.2 Big Chief Open Pit Mine – North Extension

An extension of the existing Big Chief Open Pit Mine toward the north would extend into the northern half of Section 5 of T13S, R19E. The proposed extension would allow access to approximately 11,000,000 tons of ore and would occupy approximately 46 acres.

Approximately 20,000,000 tons of O/I would be removed from the proposed extension. This material would be stored in an IOISA and/or an OOISA.

4.2.1.3 Big Chief Open Pit Mine – South Extension

An extension of the existing pit is proposed toward the south in Sections 5 and 8 of T13S, R19E. The proposed extension would allow access to approximately 7,000,000 tons of ore and would occupy approximately 55 acres.

Approximately 24,000,000 tons of O/I would be removed from the proposed extension. This material would be stored in an IOISA and/or an OOISA.

4.2.1.4 Big Chief Open Pit Mine – Southeast Extension

The existing Big Chief Open Pit Mine would be extended toward the intersection of Sections 4, 5, 8 and 9 of T13S, R19E. This extension would allow access to approximately 18,000,000 tons of ore and would occupy approximately 97 acres.

Approximately 58,000,000 tons of O/I would be mined from this extension. This material would be stored in an IOISA and/or an OOISA.

4.2.2 Heap Leach Facilities

4.2.2.1 Heap Leach Pad 6, Phase II

This facility would be expanded to the east, under existing permits, to accommodate approximately 58,000,000 tons of ore and would add 2,250,000 square feet of lined area. Final pad height would not exceed 300 feet, and would be constructed in lifts of approximately 25 feet. The new phase of the leach pad would be connected to the existing Pad 6 drainage and solution collection system. No additional pond or major piping modifications are required to accommodate the new facility. Permit-mandated levels of pond freeboard and stormwater collection

capacity would be maintained. Total new disturbance would be approximately 68 acres.

4.2.2.2 Vista Heap Leach Pad – Rinsing, Closure And Partial Removal

Spent ore covering an area of approximately 30 acres must be rehandled to accommodate mining of the Big Chief Open Pit Mine South and Southeast Extensions. These extensions would excavate previously disturbed lands through which the existing storm water drainage channel passes in the northeast corner of Section 8, T13S, R19E. Mining through that region would necessitate the construction of the proposed Vista Diversion Channel (Section 4.2.5.3). That construction would require partial removal of both the Vista Heap Leach Facility and a portion of North Vista OOISA.

Approximately 6,000,000 tons of spent leach ore is currently under the final phase of leaching on the Vista Pad. This activity and subsequent rinsing has been initiated in preparation for closure of that facility. Following completion of rinsing, formal closure and State of California approvals, the rinsed ore would either be removed and stored in an IOISA in the existing Vista Open Pit Mine, or would be relocated to a lined heap leach facility (Pad 6). The truncated northern limit of the Vista Heap Leach facility would then be rebuilt to provide a containment berm and solution channel similar to the existing facility.

4.2.3 Overburden/Interburden Storage Areas -

The proposed mine extension would generate approximately 169,000,000 tons of Overburden/Interburden. These materials are metallurgically classified as oxidized, do not contain significant quantities of sulfide sulfur, and are normally considered neutral or acid neutralizing. Additionally, these materials have been

evaluated for leachability via the US Environmental Protection Agency's Synthetic Precipitation and Leaching Procedure (SPLP). Based on the test results, these materials do not have significant capacity to liberate, mobilize or release metals or other contaminants to surface or ground water resources (Newmont Gold Company, 1998). These benign characteristics combined with the limited regional precipitation and a very deep regional bedrock aquifer support the conclusion that overburden/interburden (O/I) storage does not represent a significant potential environmental impact to water resources.

Final disposition of 169,000,000 tons of O/I materials from the various proposed pit extensions is under evaluation. Two alternatives are being considered:

- 1) Storage of O/I on new and/or expanded Out-of-pit Overburden/Interburden Storage Areas
- 2) Storage of O/I within mined-out open pits as In-pit Overburden/Interburden Storage Areas

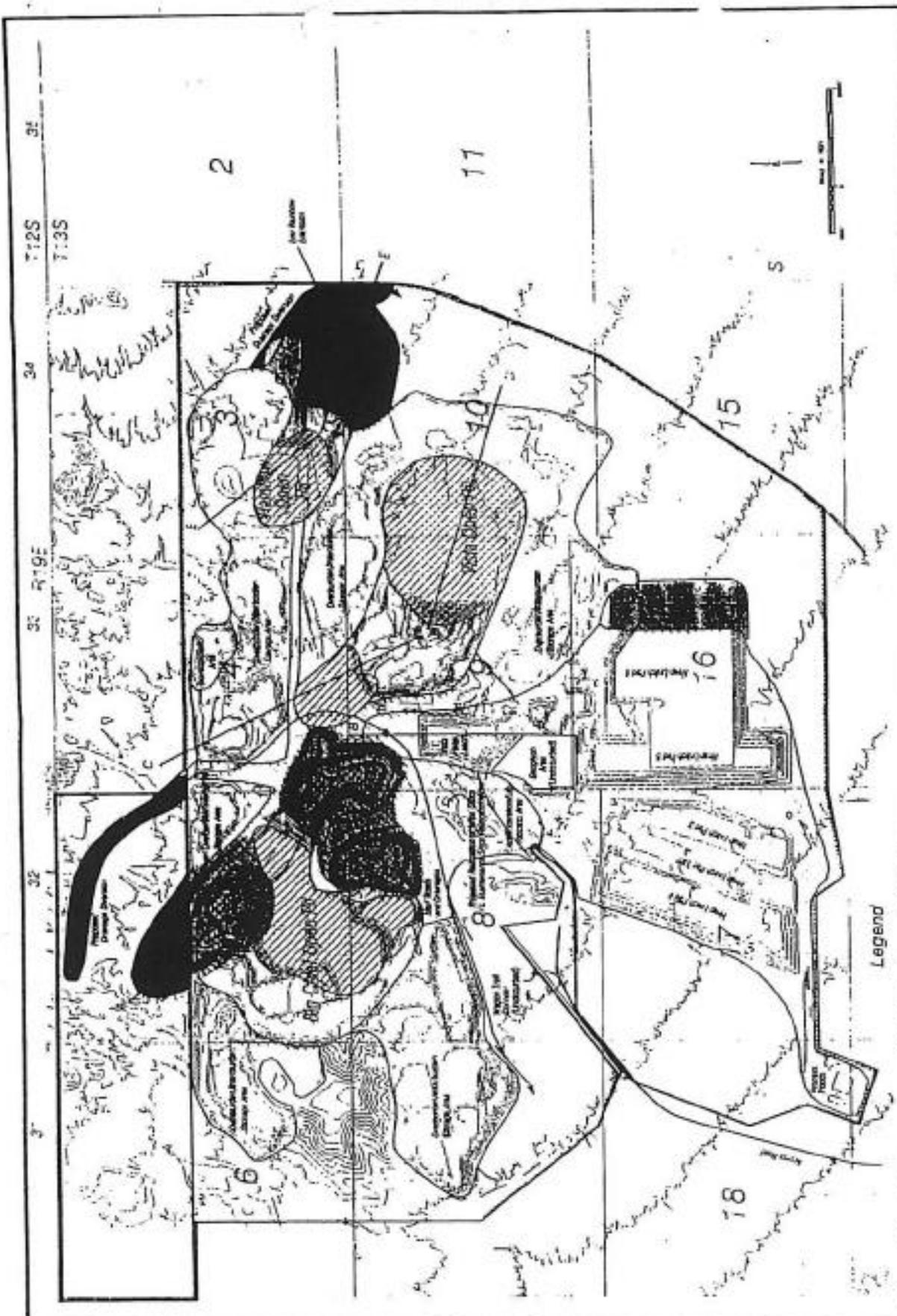
Map 2A and Figures 2 and 3 show plans and cross-sections through the open pits and proposed IOISAs. Map 2B and Figures 4 and 5 show plans and cross-sections through the alternative proposal for expanded and/or new OOISAs. Construction of IOISAs would minimize disturbance of additional areas. Table 3 contrasts the land disturbance necessary for the alternative to the in-pit OISA option.

**Table 3: Additional Disturbance Areas required for out-of-pit O/I Storage-
OOISA Alternative**

PROPOSED OOISA	(T) TONNAGE	HEIGHT (FEET)	PRIVATE LAND DISTURBANCE	FEDERAL LAND DISTURBANCE
EAST VISTA	87,000,000	150	0	124
NORTH RAINBOW	56,000,000	150	0	22
WEST BIG CHIEF	23,000,000	150	0	21
SOUTH BIG CHIEF	0	0	0	0
RAINBOW (IOISA) **	21,000,000	0	0	0
TOTAL DISTURBANCE BY OWNERSHIP			0	167
TOTAL	187,000,000 tons		TOTAL DISTURBANCE (ACRES)	167 (ACRES)

Note:

- * Tonnages are rounded up to the nearest thousand.
- ** Both alternatives for the storage of O/I will include partial in-pit O/I storage in the existing Rainbow Open Pit Mine. This action also provides construction material for the east pit wall buttress.



Legend

	Access Easement		Proposed Facility
	Topographic Contour (10ft)		Proposed Facility 1
	Surface Water		Proposed Facility 2
	Proposed Facility		Proposed Facility 3
	North Air Station Boundary		Proposed Facility 4
	Proposed Area of Disturbance Boundary		Proposed Facility 5
	Proposed Disturbance		Proposed Facility 6
	Proposed Facility 7		Proposed Facility 8
	Proposed Facility 9		Proposed Facility 10
	Proposed Facility 11		Proposed Facility 12
	Proposed Facility 13		Proposed Facility 14
	Proposed Facility 15		Proposed Facility 16
	Proposed Facility 17		Proposed Facility 18
	Proposed Facility 19		Proposed Facility 20
	Proposed Facility 21		Proposed Facility 22
	Proposed Facility 23		Proposed Facility 24
	Proposed Facility 25		Proposed Facility 26
	Proposed Facility 27		Proposed Facility 28
	Proposed Facility 29		Proposed Facility 30

**MAP 24
PROPOSED FACILITIES
AND ASSOCIATED
NEW DISTURBANCE MAP**

Northwest
Gold Lease
Company

DATE: 11/04
SCALE: AS SHOWN

PROJECT: [REDACTED]

DATE: 11/04
SCALE: AS SHOWN

ERRATA SHEET

**Plan of Operations
for the
Proposed Mesquite Mine Expansion
November 1998**

1. P. 7, 1st full paragraph, line 5 should read "year seven or 2006."
2. Table 2, p. 7. Need to add an asterisk * to the O/I sum of 176,381,000. The note below the table should read "includes rehandling of approximately 7,000,000 tons of material from the Vista Pad and existing OOISAs.
3. p. 9, 1st line. Should read 80,000,000 NOT 104,000,000. (NOTE that the figures in the tables are ok.)
4. p. 10, Section 4.2.1.4, Should read 45,000,000 NOT 58,000,000. (NOTE that the figures in the tables are ok.)
5. Table 3, p. 13. Column now labeled as O/I Tonnage should be relabeled to : O/I Capacity (tons)* (an additional note should be added below the table to include "capacity may exceed actual tons moved.")

NOP



STATE OF CALIFORNIA
Governor's Office of Planning and Research

1500 TENTH STREET SACRAMENTO, CALIFORNIA 95812-0044

Pete Wilson
GOVERNOR

Paul F. Mower
DIRECTOR

December 17, 1998

To: Reviewing Agencies

Re: Mesquite Mine Expansion
SCH# 98121034

Attached for your comment is the Notice of Preparation for the Mesquite Mine Expansion draft Environmental Impact Report (EIR).

Responsible agencies must transmit their concerns and comments on the scope and content of the NOP, focusing on specific information related to their own statutory responsibility, within 30 days of receipt of this notice. We encourage commenting agencies to respond to this notice and express their concerns early in the environmental review process.

Please direct your comments to:

Richard Cabanilla
County of Imperial, Planning and Building Department
939 Main Street, Ste B-1
El Centro, CA 92243

with a copy to the Office of Planning and Research. Please refer to the SCH number noted above in all correspondence concerning this project.

If you have any questions about the review process, call the State Clearinghouse at (916) 445-0613.

Sincerely,

Antero A. Rivasplata
Chief, State Clearinghouse

Attachments
cc: Lead Agency

NOP Distribution List

S = sent by lead agency
X = sent by SCH

Resources Agency

- Maddal Gayton**
Resources Agency
1020 Ninth Street, Third Floor
Sacramento, CA 95814
916/337-3722 Fax 916/337-1618
- Suzie Beiler**
Dept. of Housing & Community
1655 S Street
Sacramento, CA 95814
916/445-6281 916/337-7150
- Elizabeth A. Pucki**
California Control Commission
45 Fresno Street, Suite 1970
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Star Capital Construction
1330 Broadway, Suite 1800
Oakland, CA 94607
310/226-1013 Fax 310/226-0470
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Dept. of Contamination
401 R Street, 2E-24-02
Sacramento, CA 95814
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- Allen Robinson**
Dept. of Forestry & Fire Protection
1416 Ninth Street, Room 1516-24
Sacramento, CA 95814
916/653-0300 Fax 916/653-8937
- Hare Kraschberg**
Office of Historic Preservation
P.O. Box 941206
Sacramento, CA 95896-0201
916/653-9107 Fax 916/653-9824
- Keith Walls**
Regional Management Board
Dept. of Parks and Recreation
P.O. Box 942896
Sacramento, CA 95896-0901
916/653-8725 Fax 916/653-3345
- Environmental Review**
Sacramento Board
116 Ninth Street, Room 1673
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- Steve McAdams**
I.F. Jay Commission & Dev't Comm.
30 Van Ness Avenue, Room 2011
San Francisco, CA 94102
415/383-3085 Fax 415/383-3763
- Nedell Grayson**
Department of Water Resources
1070 Ninth Street, Third Floor
Sacramento, CA 95814
916/337-1722 Fax 916/337-6148
- Health & Welfare**
- Robert Hallquist**
Dept. of Health/Drinking Water
600 N. 7th Street, PO Box 942733
Sacramento, CA 95834-7330
916/332-6111 Fax 916/332-4097

- Richard L. Blanton (Region 1)**
Department of Fish and Game
600 Locust
Redding, CA 96001
530/235-2363 Fax 530/235-2381
- Bridget Curran (Region 2)**
Department of Fish and Game
700 Nicholas Road, Suite A
Reno, Nevada, CA 95870
916/538-2838 Fax 916/538-2812
- Brian Hunter (Region 3)**
Department of Fish and Game
P.O. Box 47
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- George Makris (Region 4)**
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1231 East Show Avenue
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Department of Fish and Game
Habitat Conservation Program
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San Diego, CA 92123
619/467-4234
- Cheryl Avaris (Region 6)**
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330 Golden Street, Suite 50
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557/599-5135
- Alan Pickard (Type & Mono)**
Department of Fish and Game
Habitat Conservation Program
407 West Line Street, Room 4
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760/873-1129
- Department of Contamination/Agencies**
- Greg Newhouse**
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- Debbie Treidway**
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916/653-4892 Fax 916/653-5390
- Andrew Barnhardt**
Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102
415/703-3221 Fax 415/703-3184
- Billy Shih**
Zoo Land Commission
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Sacramento, CA 95826
916/574-1872 Fax 916/574-1885
- Gerald R. Munsterman**
Colorado River Board
770 Filmore Avenue, Suite 103
Glendale, CA 91203-1033
818/247-4616 Fax 818/243-181-0683
- Tapan Regional Planning**
Environmental Review
P.O. Box 1038
Fresno, CA 93701

- John Moulton, Manager**
Office of Emergency Services
11000 White Rock Road, Ste 110
Rancho Caliente, CA 95930
916/464-1014
- Debra Eddy**
State Fire Marshal
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- Mike Sims**
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- Robert Babcock**
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- Allen Kennedy**
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- Juanita Blackaker**
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- Wayne Hubbard**
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Division of Clean Water Programs
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- Mike Palkovits**
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- Dept. of Toxic Substances Control**
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- Regional Water Quality Control Board**
- NORTH COAST REGION (1)**
5550 Skyline Blvd., Suite A
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- CENTRAL COAST REGION (2)**
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- Fresno Branch Office**
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- LAMONTAN REGION (6)**
2101 Lake Tahoe Boulevard
South Lake Tahoe, CA 96150
530/747-5400 Fax 530/544-2721
- Victorville Branch Office**
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Victorville, CA 92392-7139
760/241-6811 Fax 760/241-7308
- COLORADO RIVER BASIN**
REGION (7)
71720 Free Water Drive, #100
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- SANTA ANA REGION (8)**
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- OTHER:**
- OTHUR:**

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