

**MINUTE ITEM**  
This Calendar Item No. C11  
was approved as Minute Item  
No. 1 by the State Lands  
Commission by a vote of 3  
to 0 at its 2/17/87  
meeting.

**CALENDAR ITEM**

**C 11**

02/17/87  
PRC 6681  
Pelka

A 61

S 25

**APPROVAL OF AMENDMENT OF A PROSPECTING PERMIT FOR  
MINERALS OTHER THAN OIL, GAS, GEOTHERMAL RESOURCES,  
SAND AND GRAVEL, SAN BERNARDINO COUNTY**

**PERMITTEE:** American Colloid Company  
P. O. Box 2010  
Belle Fourche, South Dakota 57717

**AGENT:** Myron R. Durtsche  
P. O. Box 428  
Lovell, Wyoming 82431

**PROPOSED AUTHORIZATION:**  
Amendment of a prospecting permit to prospect  
for gold, silver, and other valuable minerals,  
other than oil, gas, geothermal resources, sand  
and gravel on approximately 668.10 acres of  
land, located in San Bernardino County.

**AREA, TYPE OF LAND AND LOCATION:**  
Approximately 668.10 acres of State school land  
described as Section 36, T18N, R9E, SBM,  
San Bernardino County, 24 miles northeast of  
Baker.

**PREREQUISITE ITEMS:**  
Application for amendment with statutory filing  
fee has been submitted by Permittee.

**OTHER PERTINENT INFORMATION:**  
1. Preliminary results of the American Colloid  
Company drilling program under mineral  
prospecting permit PRC 6681 has indicated  
the potential of a marketable clay  
deposit. The Permittee desires to extract  
a bulk sample of approximately 1000 cubic

yards for off-site processing to determine additional information concerning possible value of the deposit. The proposed operation will consist of excavating an experimental pit approximately 100 feet long, 50 feet wide and 25 feet deep. The work will be performed by two people - one operating a D-7 Cat bulldozer, and the other a 621 Cat self propelled scraper. The end slopes of the pit will be cut on a 3/1 slope (18.5°) and the sides on a 1/1 slope (45°). The pit will be filled immediately following removal of the bulk sample. Total estimated surface disturbance is 0.1 acre and the maximum excavated volume is 4500 cubic yards. Access shall be along an existing light duty road and dry wash. No new roads will be constructed.

STATUTORY AND OTHER REFERENCES:

A. P.R.C.: Div. 6, Section 6891.

B. Cal. Adm. Code: Title 2, Section 2200.

AB 884:

N/A.

ENVIRONMENTAL INFORMATION:

1. Pursuant to the Commission's delegation of authority and the State CEQA Guidelines (14 Cal. Adm. Code 15025), the staff has incorporated the amended project description and recirculated for public review Negative Declaration EIR ND 352, State Clearinghouse 83072508 pursuant to the provisions of the CEQA. A copy of this environmental document is attached as Exhibit "C".

Based upon the comments received in response to the recirculated Negative Declaration, additional mitigation measures are being required. With inclusion of such mitigation measures, there is no substantial evidence that the project as amended will have a significant effect on the environment (14 Cal. Adm. Code 15074 (b)).

CALENDAR ITEM NO. C 11 (CONT'D)

2. Pursuant to P.R.C. Section 6895, upon establishing to the satisfaction of the Commission that commercially valuable deposits of minerals have been discovered within the limits of the permit, the applicant would have a preferential right to a lease for a maximum of 668.10 acres embraced within the permit. Said right shall be subject to all necessary environmental approvals. The amendment of the permit shall not affect the discretion of the Commission in granting or denying such lease because of environmental or other considerations.
3. The staff contacted the Division of Mines and Geology as to the applicability of the Surface Mining and Reclamation Act to this project. The staff was informed by the Division that the Act is not applicable.
4. Pursuant to a request of the BLM, the applicant has had an archeological study performed for purposes of this project. This study is on file in the offices of the Commission and is incorporated herein by reference. The archeological field survey revealed that no significant cultural resources exist within the proposed access road or in the vicinity of the proposed pit area.

APPROVALS OBTAINED:

1. Pursuant to P.R.C. Section 6890, the amendment application and form have been approved by the Office of the Attorney General as to the compliance with the applicable provisions of the law.

EXHIBITS:

- A. Land Description.
- B. Site Map.
- C. Negative Declaration.
- D. Amendment of Prospecting Permit.

CALENDAR ITEM NO. C11 (CONT'D)

IT IS RECOMMENDED THAT THE COMMISSION:

1. CERTIFY THAT NEGATIVE DECLARATION ND 352, STATE CLEARINGHOUSE NO. 83072508, WAS RECIRCULATED FOR THIS AMENDED PROJECT PURSUANT TO THE PROVISIONS OF THE CEQA AND THAT THE COMMISSION HAS REVIEWED AND CONSIDERED THE INFORMATION CONTAINED THEREIN.
2. DETERMINE THAT THE PROJECT, AS AMENDED, WITH THE INCORPORATION OF THE MITIGATION MEASURES AS SET FORTH IN THE NEGATIVE DECLARATION, ND 352, WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT.
3. AUTHORIZE THE AMENDMENT, AS SET FORTH IN EXHIBIT "D" HEREOF, OF THE PROSPECTING PERMIT TO AMERICAN COLLOID COMPANY, FOR ALL MINERALS OTHER THAN OIL, GAS, GEOTHERMAL RESOURCES, SAND AND GRAVEL ON SECTION 36, T16N R9E, SBM, SAN BERNARDINO COUNTY, CONTAINING APPROXIMATELY 668.10 ACRES, MORE OR LESS; ALL OTHER TERMS AND CONDITIONS OF THE PERMIT ARE TO REMAIN IN FULL FORCE AND EFFECT.

EXHIBIT "A"

LAND DESCRIPTION

PRC 6681.2

A parcel of California State school lands in San Bernardino County,  
California, described as follows:

Section 36, T18N, R9E, S3M.

END OF DESCRIPTION

PREPARED MAY 9, 1984, BY BOUNDARY AND TITLE UNIT, LEROY WEED, SUPERVISOR.

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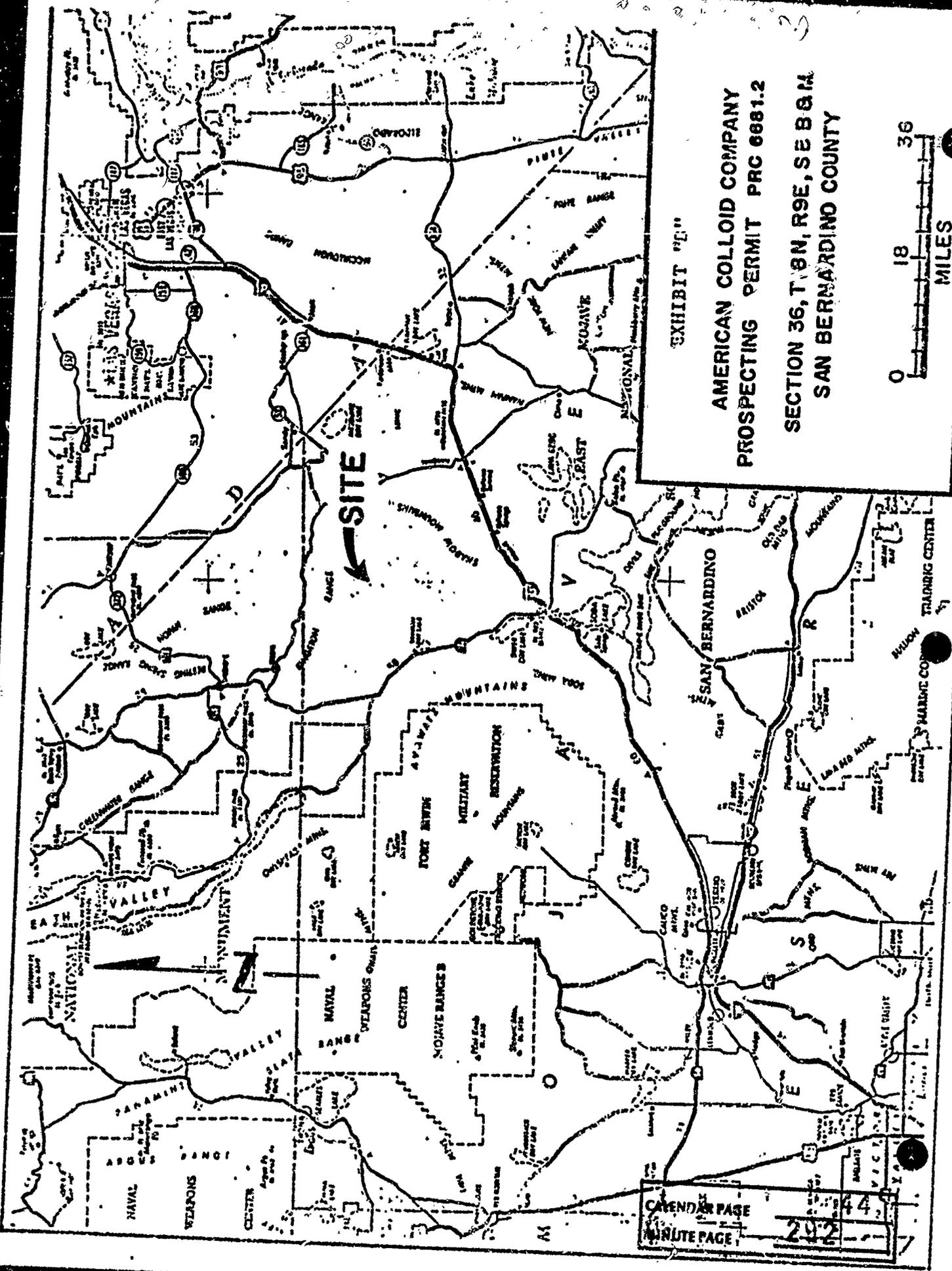
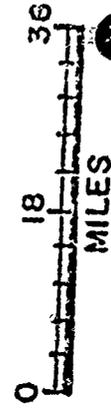


EXHIBIT "C"

AMERICAN COLLOID COMPANY  
 PROSPECTING PERMIT PRC 6681.2

SECTION 36, T. 8N, R. 9E, S. E B & M  
 SAN BERNARDINO COUNTY



CAVENDISH PAGE 242

WHITE PAGE

STATE OF CALIFORNIA  
STATE LANDS COMMISSION

EXECUTIVE OFFICE  
1887 - 13th Street  
Sacramento, California 95814

EXHIBIT "C"

Date: October 29, 1986

File Ref.: PRC 6681

SCH No.: 83072508

TO: INTERESTED PERSONS

SUBJECT: Review of Negative Declaration Pursuant to Section 15073 of the State CEQA Guidelines (15 Cal. Adm. Code) AMENDED

An application is currently being processed by the staff of the State Lands Commission for the following described project:

Project Title: Mineral Prospecting Permit - Kingston Wash Area

Project Proponent: American Colloid Company

Project Location:  $N\frac{1}{2}$  of  $NW\frac{1}{4}$  of  $SW\frac{1}{4}$ , Section 36, T.18 N., R.9 E., S.B.M., approximately 18 miles northeasterly of Silver Lake, San Bernardino County.

Project Description: To excavate an experimental pit approximately 100 feet long, 50 feet wide, and 25 feet deep. The work will be performed by two people, one operating a D-7 Caterpillar bulldozer, and the other a 621 Caterpillar self propelled scraper. The end slopes of the pit will be cut on a 3/1 slope and the sides of the pit will be cut on a 1/1 slope. The bulk sample of a maximum of 1,000 cubic yards will be hauled off-site by truck. No new access roads will be constructed nor will the existing road be improved for the proposed operation.

A Negative Declaration has been prepared for the project pursuant to the requirements of Section 15070 of the State CEQA Guidelines and is attached for your review. Your comments are requested by December 1, 1986. Please address your comments to the State Lands Commission office shown above, with attention to the undersigned. Should you have any questions, you may call me at (916)322-7813. Your cooperation in this matter is greatly appreciated.

ATTACHMENT

  
TED T. FUKUSHIMA  
Division of Research &  
Planning

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AMENDED NEGATIVE DECLARATION

American Colloid Company has applied to the State Lands Commission for amendment of the project description for a mineral prospecting permit on State Lands in the Valjean Valley of San Bernardino County. The land surrounding the State section is contained within Wilderness Study Area 222 except for a Cherrystem Area surrounding the 13 mile dirt road which joins Highway 127 near Silurian Dry Lake. American Colloid Company currently possesses a mineral prospecting permit for the drilling of a maximum of 225 holes, four inches in diameter, to a depth of 75 feet to prospect for a bentonite mineral deposit. Subsequent work under the drilling program has indicated the potential of a marketable clay deposit. The Permittee now desires to extract a bulk sample for processing to determine additional information concerning possible value of the deposit. The proposed operation will consist of excavating an experimental pit in the N 1/2 of the Nk 1/4 of the SW 1/4 (see Section 36 map) approximately 100 feet long, 50 feet wide, and 25 feet deep.

The work will be performed by two people, one operating a D-7 Caterpillar bulldozer, and the other a 621 Caterpillar self propelled scraper. The end slopes of the pit will be cut on a 3/1 slope (18.5°) and the sides of the pit will be cut on a 1/1 slope (45°). The bulk sample of a maximum of 1,000 cubic yards will be hauled off-site by truck.

The bulk sample will be removed and the pit filled immediately after sampling. Experience from mining on federal claims on adjacent Section 26 has resulted in a 30 percent swell factor from the material above the bentonite. The swell factor should compensate for the sample removed allowing the pit to be restored to near the original ground contour. Total estimated surface disturbance is approximately 0.1 acre. The maximum excavated volume is 4,500 cubic yards.

Access to the subject property is along an existing light duty road that runs east from Highway 127 approximately 13 miles to the western boundary of the subject property. The equipment will travel from this access road to the proposed pit along a dry wash. No new access roads will be constructed nor will the existing road be improved for the proposed operations.

Mitigation measures incorporated into the proposed project include the following:

1. Access to the bulk sample pit shall be along the existing light duty road which runs east from Highway 127 to the western boundary of the State section. Access to the proposed pit shall be confined to the dry wash. Road construction or road improvements are not permitted.
2. The Permittee shall remove and stockpile the upper one foot of soil from the excavated area and respread the stockpiled soil on the surface upon backfilling.
3. The Permittee shall backfill the bulk sample pit as soon as feasible upon extraction of the sample, and shall recontour the ground surface to the natural topography to the extent feasible.
4. Every effort shall be taken to avoid adverse impact to the desert tortoise - a State protected species.
5. Diversion of the natural flow or changes in the channel, bed or banks of any river, stream, or lake will require notification to the Department of Fish and Game as called for in the Fish and Game Code. This notification (with fee) and the subsequent agreement must be completed prior to initiating any such changes. Notification should be made after the project is approved by the lead agency.
6. In the event that prehistoric/historic artifacts and/or features of Native American manufacture/origin are located during ground disturbance, the local Native American community shall be advised and consulted.
7. If human remains are unearthed, all subsurface activity shall be suspended until the coroner has examined the remains. If the inhumation/cremation is determined to be of Native American origin the coroner shall inform the Native American Heritage Commission who will assist in a timely and dignified fashion in the protection and preservation of the burial(s) and all associated grave goods.
8. To reduce wildlife mortality and minimize the production of fugitive dust, vehicle speed shall not exceed 25 m.p.h. on dirt roads.
9. Permittee shall contact staff at (213) 590-5201 two weeks prior to commencing pit excavation.

The present permit is valid through July 31, 1987 and may not be extended.

The State Lands Commission circulated and adopted Negative Declaration 352 (attached) for the original project description, and it is believed that there are no circumstances surrounding the project nor changes in the environment that indicate that the proposed action will have a significant effect on the environment. Therefore it is proposed that the existing Negative Declaration 352 (copy attached) remain valid and be adopted for the amended project.

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PROPOSED NEGATIVE DECLARATION

EIR NO 352

File Ref.: W 40374

SCH#: 8302303

Project Title: Mineral Prospecting Permit - Kingston Wash Area

Project Proponent: American Colloid Company

Project Location: Section 36, T.13 N., R.9 E., S.D.M., approximately 18 miles  
northeasterly of Silver Lake, San Bernardino County.

Project Description: Explore for bentonite by drilling up to 225 - 4" diameter  
holes to 75 foot depth and taking a small sample from each  
hole before refilling, using a 4-wheel drive truck mounted  
rig.

Contact Person: Ted T. Fukushima Telephone: (916)322-7613

This document is prepared pursuant to the requirements of the California  
Environmental Quality Act (Section 21000 et seq., Public Resources Code),  
the State CEQA Guidelines (Section 15000 et seq., Title 14, California  
Administrative Code), and the State Lands Commission regulations (Section  
2901 et seq., Title 2, California Administrative Code).

Based upon the attached Initial Study, it has been found that:

the project will not have a significant effect on the environment.

mitigation measures included in the project will avoid potentially  
significant effects.

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COMMENTS RECEIVED ON INITIAL STUDY AND RESPONSE

1. Department of Transportation, District 3.

Comment:

"...a Negative Declaration will be adequate for our purposes."  
(no specific comments)

Response:

None required.

2. Regional Water Quality Control Board. Lahontan Region 6.

Comment:

"...we believe that a Negative Declaration would be acceptable."  
(no specific comments)

Response:

None required.

3. Department of Conservation.

a) Comment:

"...the amount of surface disturbance of all 5 applications will probably exceed the SMARA limits for exemption..." (1 acre)

Response:

The projected surface disturbance of all 5 applications will be about .02 acre and thus does not exceed SMARA limits for exemption.

b) Comment:

"...the amount of surface disturbance can be kept to a minimum by using existing roads and trails whenever possible, dry washes when possible for overland travel but limiting the number of bank crossings, and avoiding driving over larger plants as much as possible.

Response:

Article 24 (c) in the standard prospecting form states that the "permittee shall conduct any operation...in such manner as to not result in unreasonable damage to tree and plant cover, in soil erosion or i degradation of waters...".

END OF COMMENTS

SCH# 83072508

File Ref.: W-40374 -  
40378

INITIAL STUDY  
INTRODUCTION

American Colloid Company has applied to the State Lands Commission for five prospecting permits covering a total of 668 acres in Section 36, Township 18 North, Range 9 East, SBB&M. The project site is located in the Kingston Wash area, forty miles north-east of Baker, San Bernardino County.

The proposed project to explore for a deposit of bentonite and other valuable minerals consists of drilling approximately 225 drill holes, 4 inches diameter by 75 feet deep to discover and delineate any possible orebody.

This initial Study consists of an environmental impact assessment checklist, environmental information form responses and maps.

STATE LANDS COMMISSION  
August, 1983

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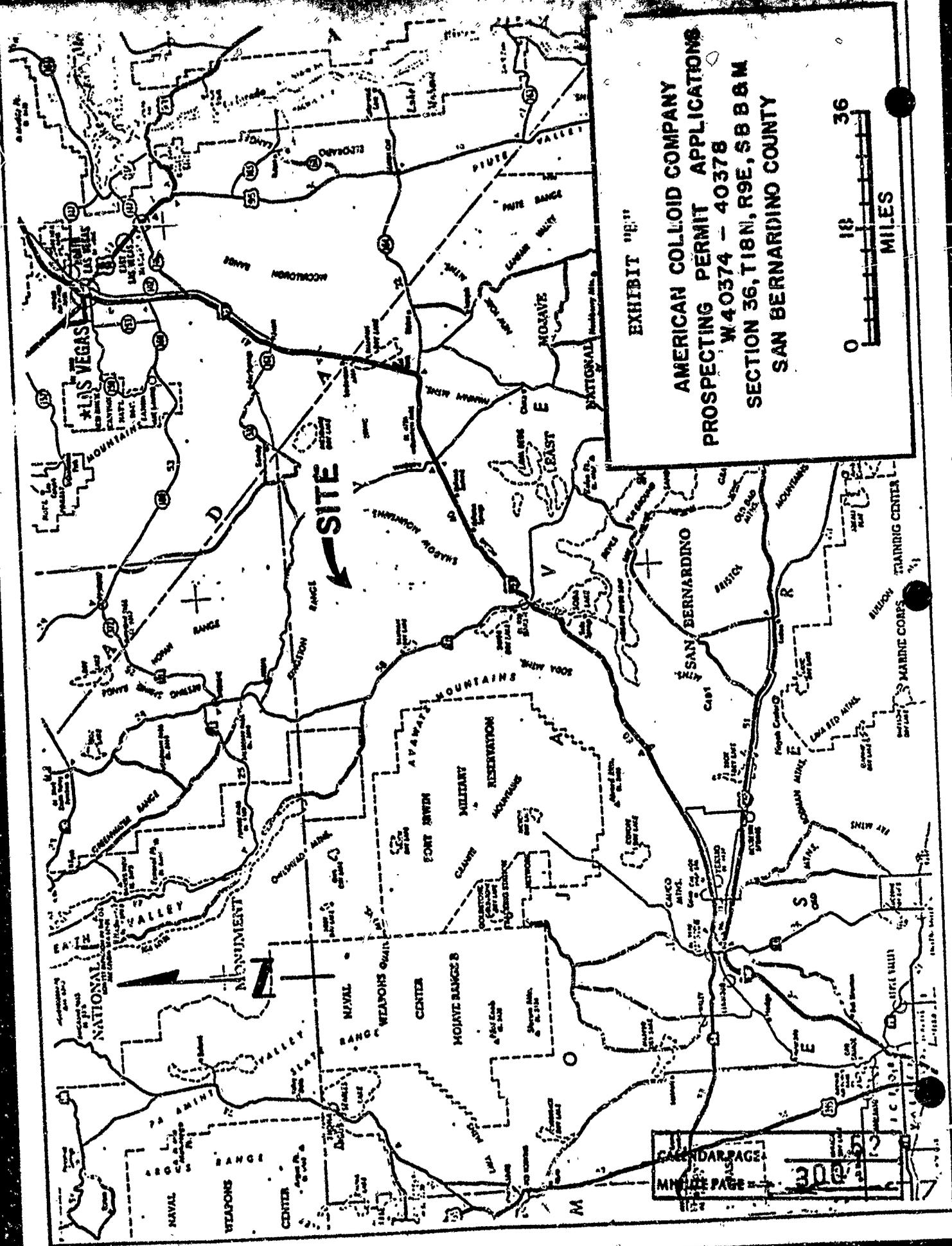
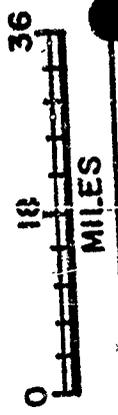


EXHIBIT "18"  
 AMERICAN COLLOID COMPANY  
 PROSPECTING PERMIT APPLICATIONS  
 W 40374 - 40378  
 SECTION 36, T18N, R9E, S8 B & M  
 SAN BERNARDINO COUNTY



CALENDAR PAGE  
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**ENVIRONMENTAL IMPACT ASSESSMENT FORM — Part I**  
(To be completed by applicant)  
FORM 99.3(11/82)

**A. GENERAL INFORMATION**

## 1. Name, address, and telephone number:

## a. Applicant

American Colloid Company5100 Suffield CourtSkokie, Illinois 60077( 312 ) 966-5720

## b. Contact person if other than applicant:

Mr. Jonathan L. ReidNielsen & SeniorP.O. Box 11808Salt Lake City, Utah 84147( 801 ) 532-1900

## 2. a. Project location: (Please reference to nearest town or community and include county)

The project area is 663 acres of Section 36, Township 18 North, Range 9 EastThis area lies approximately 24 miles northeast of Baker and can be reached by traveling 21.4 miles north of Baker on Highway 127, then traveling east 12.6miles on a dirt road.b. Assessor's parcel number: 546-311-183. Existing zoning of project site: DL-40 (Desert Living, 40-acre minimum subdivision)4. Existing land use of project site: None5. Proposed use of site: Prospecting activities.6. Other permits required: None.**B. PROJECT DESCRIPTION** See Attachment

1. For building construction projects, complete "ATTACHMENT A".

2. For non-building construction projects: Describe fully, the proposed activity, its purpose and intended use, e.g. for proposed mineral prospecting permits, include the number of test holes, size of holes, amount of material to be excavated, maximum surface area of disturbance, hole locations, depth of holes, etc. Attach plans or other drawings if necessary.

**C. ENVIRONMENTAL SETTING** See Attachment

1. Describe the project site as it exists before the project, including information on topography, soil stability, plants and animals, and any cultural, historical, or scenic aspects. Describe any existing structures on the site; and the use of the structures.
2. Describe the surrounding properties, including information on plants and animals and any cultural, historical, or scenic aspects. Indicate the type of land use (residential, commercial, etc.), intensity of land use (one-family, apartment houses, shops, department stores, etc.), and scale of development (height, frontage, set-back, rear yard, etc.).

**D. ENVIRONMENTAL IMPACT ASSESSMENT**

Answer the following questions by placing a check in the appropriate box. Discuss all items checked "yes" or "maybe". (Attach additional sheets as necessary)

Will the project involve:

	YES	MAYBE	NO
1. a change in existing features of any bays, tidelands, beaches, lakes, or hills, or substantial alteration of ground contours? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. a change in scenic views or vistas from existing residential areas or public lands or roads? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. a change in pattern, scale, or character of the general area of project? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. a significant effect on plant or animal life? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. significant amounts of solid waste or litter? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. a change in dust, ash, smoke, fumes, or odors in the vicinity? .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. a change in ocean, bay, lake, stream, or ground water quality or quantity, or alteration of existing drainage patterns? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8. a change in existing noise or vibration levels in the vicinity? .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. construction on filled land or on slope of 10 percent or more? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10. use or disposal of potentially hazardous materials, such as toxic or radioactive substances, flammables, or explosives? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11. a change in demand for municipal services (police, fire, water, sewage, etc.)? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12. an increase in fossil fuel consumption (electricity, oil, natural gas, etc.)? .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. a larger project or a series of projects? .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**E. CERTIFICATION**

I hereby certify that the statements furnished above and in the attached exhibits present the data and information required for this initial evaluation to the best of my ability, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief.

Date: 6 April 1983

American Colloid Company

Signed: By: Boyd Klingler  
Boyd Klingler, Executive Vice President

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Attachment 1

Environmental Impact Assessment Form - Part I

Form 69.3 (11/82).

B. Project Description

The proposed project will be an exploration program to evaluate the presence and extent of bentonite and other valuable clays on the project area. To accomplish this evaluation, approximately 225 four inch diameter holes will be drilled to a maximum depth of 75 feet. Two four-wheel drive trucks, with Parmanco auger drills mounted on them will be used for this exploration.

At each drill site a pile covering approximately four square feet will result. Once the hole is completed, a sample of approximately one pound of any mineral found will be taken, and then the drill cuttings will be placed back into the hole. A 2" X 4" numbered stake will be placed into the top of the hole to show its location. The total amount of disturbance should be approximately 840 square feet, or 0.02 acre.

A survey crew, using a pickup, will survey in the drill stakes to tie them to establish corners. Once this surveying is completed, laboratory analysis of the sample will be conducted and maps of the hole location will be prepared.

C. Environmental Setting

1. The project site is sparsely vegetated, high desert. It consists of lowlands which are desert washes, and rock-covered uplands. The lowlands have relative stable soil due to a covering of rocks - desert pavement - although the lowest areas are rearranged by runoff during and after precipitation events. The soil on the uplands is interspersed among the rocks, and as such has little potential for erosion. Three vegetation transects were run on the area, yielding the following averages: vegetative cover - 5.7%; litter - 0.8%; rocks - 52%; and, bare ground - 36.4%. There are two types of trees that occur in the washes: Desert catalpa (Chilopsis linearis), and Catclaw acacia (Acacia greggii). The Acacia trees are frequently overrun by mistletoe (Phoradendron californicum). Several shrub types are present on the site. Among them are: Desert holly (Atriplex hymenelytra); Creosote bush (Larrea divaricata); Bud sagebrush (Artemisia spinescens); Rayless encelia (Encelia frutescens); and, Sticky-leaved rabbitbrush (Chrysothamnus viscidiflorus). Common forbs present on the site are: Desert trumpet (Eriogonum inflatum); Desert gold poppy (Eschscholtzia glyptosperma); Wolly plantain (Plantago insularis); Scalebud (Anisocoma aculis); and, Mountain jointfir (Ephedra viridis).

Very little wildlife was observed during the four days spent on the site. Several small lizards as well as one 12-inch long lizard were observed. Also, one tarantula was observed.

There are no known cultural, historical or scenic aspects on the site. There are no known existing structures on the site.

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2. The land surrounding the project site is very similar to that described above in terms of plants, animals, cultural, historic or scenic aspects. The only difference is that there is a trailer and some outbuildings and some prospecting activity in Section 30 of Township 18 North, Range 10 East, approximately one-half mile northeast of the northeast corner of this State Section.

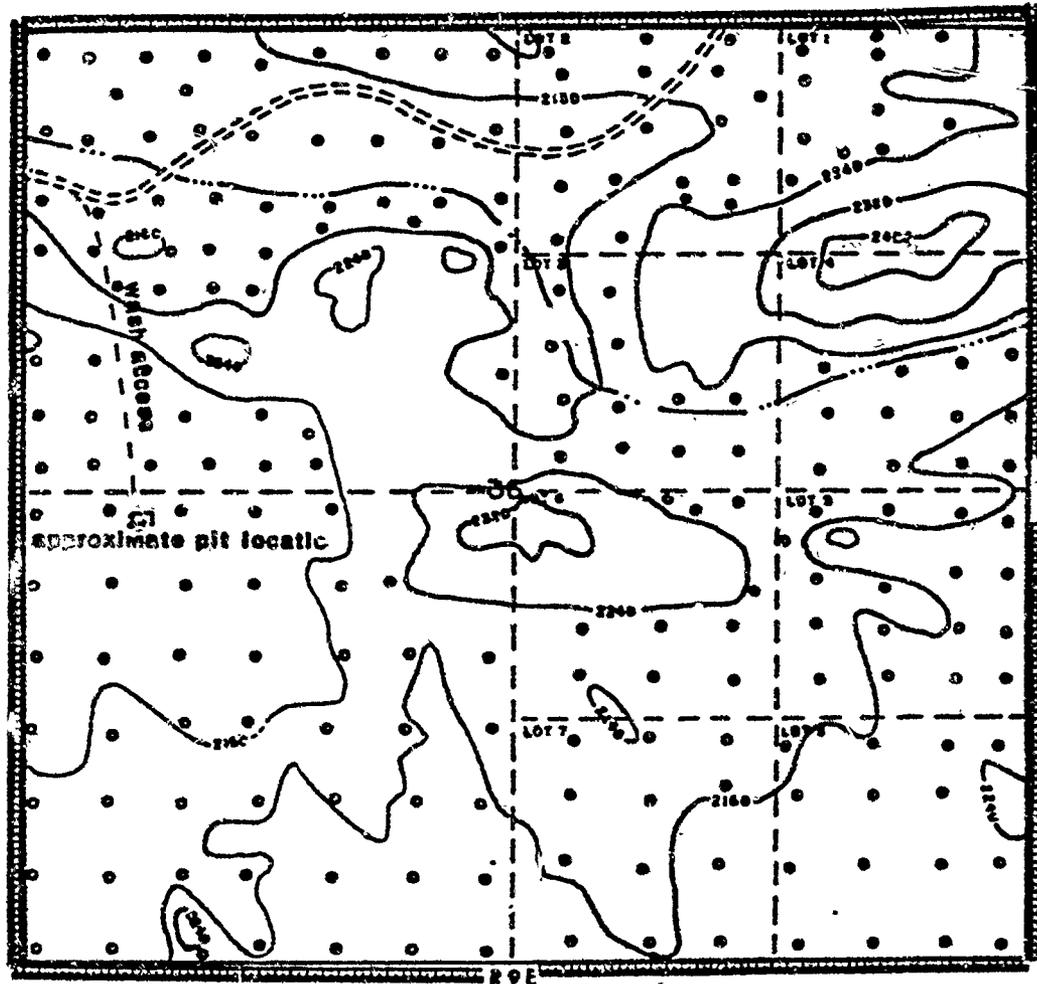
D. Environmental Impact Assessment

11. It is possible that there will be a minimal increase in dust on the site, depending on the surface conditions at the time of the operation. However, due to the desert pavement rock cover this should be negligible. Additionally, there will be a slight increase in fumes on the site because three vehicles will be operating there.

8. There will be a change in the existing noise on the site because three gasoline-powered trucks and two gasoline-powered drilling units will be operating. Due to the remoteness of the site, disturbance should be minimal.

12. There will be a slight increase in fossil fuel consumption as a result of this project because three gasoline-powered trucks and two gasoline-powered drilling units will be utilized.

13. This application is one of five contiguous applications being requested on this section of school land. All of the operations will be conducted at the same time.



**Legend:**

-  Prospecting Permit Boundary
-  Proposed Drill Hole Location.
-  Existing Trail
-  Ephemeral Drainage

American Colloid Company  
 P. O. Box 2010, Belle Fourche, SD 57717  
 Application for Prospecting Permit W-40374  
 Kingston Springs Project  
 T18N R9E Section 36  
 Scale: 1" = 1,000' Contour Intervals 80'  
 Date: June 13, 1983

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Attachment 1

Environmental Information Form 59.2

1. Project and its Location.

American Colloid Company is referring to this project as the Kingston Springs Project. The location is described on the General Data Form 54.2, the Vicinity Map, and the Project Map attached to this application

2. Statement of Objectives Sought by the Proposed Project.

The objectives sought by this project are discovering and evaluating the extent and nature of the mineral deposit present on the site.

3. General Description of the Project.

The proposed project will be an exploration program to evaluate the presence and extent of bentonite and other valuable clays on the project area. To accomplish this evaluation, approximately 225 four-inch diameter holes will be drilled to a maximum depth of 75 feet. Two 4-wheel drive trucks, with Parmanco auger drills mounted on them, will be used for this exploration.

At each drill site a pile covering approximately four square feet will result. Once the hole is complete a sample, of approximately one pound, of any mineral found will be taken, and then the drill cuttings will be placed back into the hole. A 2" x 4" numbered stake will be placed into the top of the hole to show its location. The total amount of disturbance should be approximately 840 square feet, or 0.02 acre.

A survey crew, using a pickup, will survey in the drill stakes to tie them to established section corners. Once this surveying is completed, laboratory analysis of the samples will be done and maps of the hole locations will be prepared.

4. Description of the Environmental Setting.

(a) The project area is a sparsely vegetated desert area. Extensive study has been done on the surrounding area by the Bureau of Land Management, and there are no known environmental resources that are rare or unique on the site or immediately adjacent to it. The nearest area of environmental concern is the Kingston Range, approximately 10 miles to the north of the project site. The only known related projects are the four other contiguous prospecting permit applications which have been submitted by American Colloid on the same state section.

(b) There are no known previously certified water quality aspects for this project.

5. Assessment of Impact.

The only project phase being considered at this time is that described in Section 3 above. The impacts of this project are the possible increase in dust

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due to three vehicles driving on the area and rotary auger drilling. This impact should be minimal because of the rocky desert pavement covering the area. There will also be a slight increase in fumes and noise which will result from the vehicles being used on the site. Finally, there will be some crushing of the surface portion of plants on the site due to the vehicles being driven off established roads.

6. Significant Environmental Effects of the Project.

There should be no significant environmental effects of the project. The disturbance caused by the vehicles should be short term in that the entire project will only take approximately one month to complete. No damage should be done to the root systems of the crushed vegetation, and therefore plant recovery should be complete in a short period of time. There should be no long term environmental impacts associated with this project. The drilling crew will be from outside the area, and will be on site only during the month of activity. Therefore, there will be no increase in population distribution or concentration. The road into the area will not be improved for this operation, so there should be no increase in human use of the land other than that of the project itself.

No ground water should be encountered on the site. However, if ground water is encountered the drill hole will be sealed in accordance with Department of Water Resources Water Well Standards Bulletin No. 74. There should be no impact on scenic quality other than the site of the trucks on the area during the month of activity, and this impact should be minimal due to the remote nature of the site.

7. Any Significant Environmental Effects Which Cannot be Avoided if the Proposal is Implemented.

There should be no significant environmental effects that result from this project being implemented.

8. Mitigation Measures Proposed to Minimize Significant Environmental Effects.

As mentioned above, there should be no significant environmental effects that result from this project.

9. Alternatives to the Proposed Action.

The only alternative to the proposed project is no project. Due to the nature of the mineral, alternate sites for the project are not readily available. The alternate of no project would result in the mineral being shipped into the state for distribution from other states, which would result in increased use of fossil fuels.

10. The Relationship Between Local Short-Term Uses of Man's Environment and the Maintenance and Enhancement of Long-Term Productivity.

There should be no cumulative or long term effects of the proposed project which adversely affect the state of the environment. This project will not narrow the range of beneficial uses of the environment or pose long term risks to

health or safety. The proposed project is justifiable now because it will offer an opportunity to reduce fossil fuel consumption now necessary because of long shipping distances for the product.

11. Any Significant Irreversible Environmental Changes Which Would be Involved in the Proposed Action Should it be Implemented.

There will be no significant irreversible environmental changes because of the proposed project other than a small amount of gasoline will be used to operate the vehicles needed for the project. No improvement of roads into the area is planned, so no new access for public use will be provided. The minerals sought are non-toxic and non-hazardous, so there is no environmental danger associated with accidents.

12. The Growth-Inducing Impact of the Proposed Action.

This project will not foster economic or population growth directly. No people will be moved permanently to the area for this project. Indirectly, there will be a very small amount of economic growth for one month in Baker, California due to a slightly increased use of motels, gas stations, and restaurants by the crew involved in this operation.

13. Energy Conservation.

Very little energy will be utilized for this operation. No alternatives were considered because of the insignificant resource use involved.

14. Organizations and Persons Contacted.

A meeting was held on March 17, 1983 with Mr. David Eslinger and Mr. Peter Ertman of the Bureau of Land Management in Riverside, California concerning the surrounding federal land. A meeting was also held, on March 18, 1983, with Mr. Al Willard, Mr. Alex Gonzales, and Mr. Jim Hart of the State Lands Commission, at their office in Long Beach, concerning the filing of this application.

ENVIRONMENTAL IMPACT ASSESSMENT CHECKLIST - PART II

Form 13,20 (7/82)

File Ref.: W 40374-

40378

I. BACKGROUND INFORMATION

A. Applicant: American Colloid Company
5100 Suffield Court
Skokie, Illinois 60077

B. Checklist Date: Aug / 12 / 1983

C. Contact Person: Alexander E. Gonzalez, State Lands Commission
Telephone: ( 213 ) 590-5201

D. Purpose: Prospect for bentonite clays or other valuable minerals.

E. Location: Section 36, Township 18 North, Range 9 East, SBB&M
Approximately 40 miles Northeast of Baker, San Bernardino County

F. Description: Drill 225 exploratory holes, four inch diameter by 75 feet
deep to obtain samples to discover and delineate any possible
orebody - see attached project description.

G. Persons Contacted: See attached mailing list.

II. ENVIRONMENTAL IMPACTS. (Explain all "yes" and "maybe" answers)

A. Earth. Will the proposal result in:

- 1. Unstable earth conditions or changes in geologic substructures?
2. Disruptions, displacements, compaction, or overcovering of the soil?
3. Change in topography or ground surface relief features?
4. The destruction, covering, or modification of any unique geologic or physical features?
5. Any increase in wind or water erosion of soils, either on or off the site?
6. Changes in deposition or erosion of beach sands, or changes in siltation, deposition or erosion which may modify the channel of a river or stream or the bed of the ocean or any bay, inlet, or lake?
7. Exposure of all people or property to geologic hazards such as earthquakes, landslides, mudslides, ground failure, or similar hazards?

Yes Maybe No

Grid of checkboxes for Yes, Maybe, No corresponding to the list items.

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B. Air. Will the proposal result in

- |   | Yes                      | Maybe                               | No                                  |
|---|--------------------------|-------------------------------------|-------------------------------------|
| 1. Substantial air emissions or deterioration of ambient air quality? .....   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 2. The creation of objectionable odors? .....   | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 3. Alteration of air movement, moisture or temperature, or any change in climate, either locally or regionally? ..... | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

C. Water. Will the proposal result in:

- |   |                          |                          |                                     |
|---|--------------------------|--------------------------|-------------------------------------|
| 1. Changes in the currents, or the course or direction of water movements, in either marine or fresh waters? .....  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Changes in absorption rates, drainage patterns, or the rate and amount of surface water runoff? .....  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Alterations to the course or flow of flood waters? .....   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Change in the amount of surface water in any water body? .....   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Discharge into surface waters, or in any alteration of surface water quality, including but not limited to temperature, dissolved oxygen or turbidity? ..... | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Alteration of the direction or rate of flow of ground waters? .....  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7. Change in the quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations? ..... | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 8. Substantial reduction in the amount of water otherwise available for public water supplies? .....  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 9. Exposure of people or property to water-related hazards such as flooding or tidal waves? .....   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 10. Significant changes in the temperature, flow or chemical content of surface thermal springs? .....  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

D. Plant Life. Will the proposal result in:

- |  |                          |                          |                                     |
|--|--------------------------|--------------------------|-------------------------------------|
| 1. Change in the diversity of species, or number of any species of plants (including trees, shrubs, grass, crops, and aquatic plants)? ..... | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Reduction of the numbers of any unique, rare or endangered species of plants? .....   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Introduction of new species of plants into an area, or in a barrier to the normal replenishment of existing species? .....                | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Reduction in acreage of any agricultural crop? .....  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

E. Animal Life. Will the proposal result in:

- |  |                          |                          |                                     |
|--|--------------------------|--------------------------|-------------------------------------|
| 1. Change in the diversity of species, or numbers of any species of animals (birds, land animals including reptiles, fish and shellfish, benthic organisms, or insects)? ..... | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Reduction of the numbers of any unique, rare or endangered species of animals? .....  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Introduction of new species of animals into an area, or result in a barrier to the migration or movement of animals? .....  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Deterioration to existing fish or wildlife habitat? .....   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

F. Noise. Will the proposal result in:

- |   |                                     |                          |                                     |
|---|-------------------------------------|--------------------------|-------------------------------------|
| 1. Increase in existing noise levels? .....         | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 2. Exposure of people to severe noise levels? ..... | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

G. Light and Glare. Will the proposal result in:

- |  |                          |                          |                                     |
|--|--------------------------|--------------------------|-------------------------------------|
| 1. The production of new light or glare? ..... | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|-------------------------------------|

H. Land Use. Will the proposal result in:

- |  |                          |                          |                                     |
|--|--------------------------|--------------------------|-------------------------------------|
| 1. A substantial alteration of the present or planned land use of an area? ..... | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|-------------------------------------|

I. Natural Resources. Will the proposal result in:

- |  |                          |                          |                                     |
|--|--------------------------|--------------------------|-------------------------------------|
| 1. Increase in the rate of use of any natural resources? ..... | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Substantial depletion of any nonrenewable resources? .....  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

- J. *Risk of Upset.* Does the proposal result in:
- |   | Yes                      | Maybe                    | No                                  |
|---|--------------------------|--------------------------|-------------------------------------|
| 1. A risk of an explosion or the release of hazardous substances (including, but not limited to, oil, pesticides, chemicals, or radiation) in the event of an accident or upset conditions? ..... | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Possible interference with emergency response plan or an emergency evacuation plan? .....  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
- K. *Population.* Will the proposal result in:
- |   |                          |                          |                                     |
|---|--------------------------|--------------------------|-------------------------------------|
| 1. The alteration, distribution, density, or growth rate of the human population of the area? ..... | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|-------------------------------------|
- L. *Housing.* Will the proposal result in:
- |   |                          |                          |                                     |
|---|--------------------------|--------------------------|-------------------------------------|
| 1. Affecting existing housing, or create a demand for additional housing? ..... | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|-------------------------------------|
- M. *Transportation/Circulation.* Will the proposal result in:
- |   |                          |                          |                                     |
|---|--------------------------|--------------------------|-------------------------------------|
| 1. Generation of substantial additional vehicular movement? .....                           | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Affecting existing parking facilities, or create a demand for new parking? .....         | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Substantial impact upon existing transportation systems? .....                           | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Alterations to present patterns of circulation or movement of people and/or goods? ..... | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Alterations to waterborne, rail, or air traffic? .....                                   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Increase in traffic hazards to motor vehicles, bicyclists, or pedestrians? .....         | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
- N. *Public Services.* Will the proposal have an effect upon, or result in a need for new or altered governmental services in any of the following areas:
- |   |                          |                          |                                     |
|---|--------------------------|--------------------------|-------------------------------------|
| 1. Fire protection? .....                                   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Police protection? .....                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Schools? .....   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Parks and other recreational facilities? .....           | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Maintenance of public facilities, including roads? ..... | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Other governmental services? .....                       | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
- O. *Energy.* Will the proposal result in:
- |   |                          |                          |                                     |
|---|--------------------------|--------------------------|-------------------------------------|
| 1. Use of substantial amounts of fuel or energy? .....  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Substantial increase in demand upon existing sources of energy, or require the development of new sources? ..... | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
- P. *Utilities.* Will the proposal result in a need for new systems, or substantial alterations to the following utilities:
- |                                    |                          |                          |                                     |
|------------------------------------|--------------------------|--------------------------|-------------------------------------|
| 1. Power or natural gas? .....     | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Communication systems? .....    | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Water? .....                    | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Sewer or septic tanks? .....    | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Storm water drainage? .....     | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Solid waste and disposal? ..... | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
- Q. *Human Health.* Will the proposal result in:
- |  |                          |                          |                                     |
|--|--------------------------|--------------------------|-------------------------------------|
| 1. Creation of any health hazard or potential health hazard (excluding mental health)? ..... | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Exposure of people to potential health hazards? .....                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
- R. *Aesthetics.* Will the proposal result in:
- |  |                          |                          |                                     |
|--|--------------------------|--------------------------|-------------------------------------|
| 1. The obstruction of any scenic vista or view open to the public, or will the proposal result in the creation of an aesthetically offensive site open to public view? ..... | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|-------------------------------------|
- S. *Recreation.* Will the proposal result in:
- |   |                          |                          |                                     |
|---|--------------------------|--------------------------|-------------------------------------|
| 1. An impact upon the quality or quantity of existing recreational opportunities? ..... | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|-------------------------------------|

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T. Cultural Resources.

- |   | Yes                      | Maybe                    | No                                  |
|---|--------------------------|--------------------------|-------------------------------------|
| 1. Will the proposal result in the alteration of or the destruction of a prehistoric or historic archeological site?              | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Will the proposal result in adverse physical or aesthetic effects to a prehistoric or historic building, structure, or object? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Does the proposal have the potential to cause a physical change which would affect unique ethnic cultural values?              | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Will the proposal restrict existing religious or sacred uses within the potential impact area?                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

U. Mandatory Findings of Significance.

- |  |                          |                          |                                     |
|--|--------------------------|--------------------------|-------------------------------------|
| 1. Does the project have the potential to degrade the quality of the environment, reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Does the project have the potential to achieve short-term, to the disadvantage of long-term, environmental goals?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Does the project have impacts which are individually limited, but cumulatively considerable?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

III. DISCUSSION OF ENVIRONMENTAL EVALUATION (See Comments Attached)

See attached Project Description, Discuss of Environmental Evaluation.

IV. PRELIMINARY DETERMINATION

On the basis of this initial evaluation:

- I find the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described on an attached sheet have been added to the project. A NEGATIVE DECLARATION will be prepared.
- I find the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

Date: / - /

For the State Lands Commission  
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SCH# 83072508

File Ref.: W-4037A -  
~~4037B~~

DISCUSSION OF ENVIRONMENTAL EVALUATION

- A-2 Local disruption and compaction of soil will occur in the immediate vicinity of the drill sites and in traveling cross country by the 4-wheel drive trucks.
- A-5 Some increase of wind and water erosion of any soil exposed at drill sites on hillsides will occur during rain or windstorms.
- B-1 Temporary dust emissions may occur during drilling or travel across soft dry terrain.
- F-1 The operating drill trucks and service vehicle activities will temporarily increase the existing noise levels in the relatively quiet desert environment.

EXHIBIT "D"

AMENDMENT TO EXHIBIT "A"  
OF PROSPECTING PERMIT PRC 6681.2

The prospecting activities permitted under this permit shall be those described in the "Amended Negative Declaration" EIR ND 352, SCH# 83072508 issued for the amendment of this permit, in addition to those prospecting activities described in Exhibit "A" of the permit.

The mitigation measures applicable to these additional prospecting activities consist of the following:

1. Access to the bulk sample pit shall be along the existing light duty road which runs east from Highway 127 to the western boundary of the State section. Access to the proposed pit shall be confined to the dry wash. Road construction or road improvements are not permitted.
2. The Permittee shall remove and stockpile the upper one foot of soil from the excavated area and respread the stockpiled soil on the surface upon backfilling.
3. The Permittee shall backfill the bulk sample pit as soon as feasible upon extraction of the sample, and shall recontour the ground surface to the natural topography to the extent feasible.
4. Prior to commencing operations, Permittee shall inspect the proposed bulk sample pit area and access roads to determine if burrowing animals are present and would be adversely affected. If potential impacts could occur, the bulk sample pit and access shall be located where burrows and wildlife would not be adversely affected. The project operator should specifically avoid burrowing areas of the desert tortoise—a State protected species.
5. Prior to commencing pit excavation, Permittee shall place a lath and fine mesh chicken wire fence a minimum of 2 feet high adjacent to both sides of the 100 foot length of the pit to prevent desert tortoise entry.

6. Prior to commencing daily operations, Permittee shall inspect pit area and access road for desert tortoise. Any individuals discovered shall be moved to a safe area approximately 750 feet from the operation.
7. Diversion of the natural flow or changes in the channel, bed or banks of any river, stream, or lake will require notification to the Department of Fish and Game as called for in the Fish and Game Code. This notification (with fee) and the subsequent agreement must be completed prior to initiating any such changes. Notification should be made after the project is approved by the lead agency.
8. In the event that prehistoric/historic artifacts and/or features of Native American manufacture/origin are located during ground disturbance, the local Native American community shall be advised and consulted.
9. If human remains are unearthed, all subsurface activity shall be suspended until the coroner has examined the remains. If the inhumation/cremation is determined to be of Native American origin the coroner shall inform the Native American Heritage Commission who will assist in a timely and dignified fashion in the protection and preservation of the burial(s) and all associated grave goods.
10. If any artifacts or cultural resources of potential significance are uncovered during the project, work shall be stopped and an archeologist consulted.
11. To reduce wildlife mortality and minimize the production of fugitive dust, vehicle speed shall not exceed 25 mph on dirt roads.
12. Upon completion of prospecting, all motor vehicle tracks shall be raked out by hand for 100 feet beginning at the point where the access route in the dry wash deviates from the existing light duty road.
13. Permittee shall contact staff at (213) 590-5201 two weeks prior to commencing pit excavation.

This amendment shall be effective from and after February 1, 1987 and shall prevail over any other provisions of this permit which are contrary or inconsistent with the provisions hereof.

STATE OF CALIFORNIA  
STATE LANDS COMMISSION

\_\_\_\_\_  
DATE

\_\_\_\_\_  
W. M. THOMPSON, Chief  
Extractive Development Program

PERMITTEE

\_\_\_\_\_

BY: \_\_\_\_\_

\_\_\_\_\_  
Address

\_\_\_\_\_  
City and State

Approved as to form:

JOHN K. VAN DE KAMP  
Attorney General, State of California

By: \_\_\_\_\_  
Deputy Attorney General  
ROBERT G. COLLINS

\_\_\_\_\_  
Date