



**DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
DIVISION OF WATER RESOURCES**

901 South Stewart Street, Suite 2002

Carson City, Nevada 89701-5250

(775) 684-2800 • Fax (775) 684-2811

<http://water.nv.gov>

April 14, 2017

RE: M/O-2115

George Thiel
Thiel Engineering Associates, Inc.
3950 Steamboat Drive
Carson City, Nevada 89701

Re: Request for application for waiver to drill five (5) monitor wells in order to monitor groundwater quality at the Albemarle lithium mine located within the Clayton Valley Hydrographic Basin (143), Esmeralda County, Nevada, Esmeralda Assessor's Parcel Number 000-005-64.

Proposed Well Coordinates: Latitude/Longitude, North American Datum 1983.

EXP1 143 S02 E40 29 Ba [ne¼ NW¼] (N) 37° 44' 33.6078", (W) -117° 33' 59.486.

EXP2 143 S02 E40 02 Cb [nw¼ SW¼] (N) 37° 47' 28.0572", (W) -117° 30' 51.188".

EXP3 143 S02 E40 17 Cc [sw¼ SW¼] (N) 37° 45' 38.1882", (W) -117° 34' 14.739".

EXP4 143 S02 E40 29 Cc [sw¼ SW¼] (N) 37° 43' 46.0518", (W) -117° 34' 12.503".

EXP5 143 S02 E40 07 Db [nw¼ SE¼] (N) 37° 46' 41.5344", (W) -117° 34' 46.585".

Dear Mr. Thiel,

This letter is in response to your waiver application received in this office on April 14, 2017. As provided in Nevada Administrative Code (NAC) 534.441 of the Regulation for Water Well and Related Drilling, permission is granted to construct the proposed monitor wells described above and within your submittal. This waiver to install expires on April 14, 2018. If the need for the wells exceed the expiration date, you will need to notify this office and request a one (1) year extension prior to the expiration date.

The wells must in compliance with the remainder of the regulations and statutes governing monitor wells. The surface pad collars must fully surround the well casing and extend out a minimum of 12" from the outer most portion of the casing at the surface and be a minimum of 3" in thickness.

Please reference the above waiver number in all correspondence regarding these wells, including the Notice of Intent to drill cards and the Well Driller's Reports.

Upon expiration of this waiver the wells must be plugged as provided by NAC 534.4365.

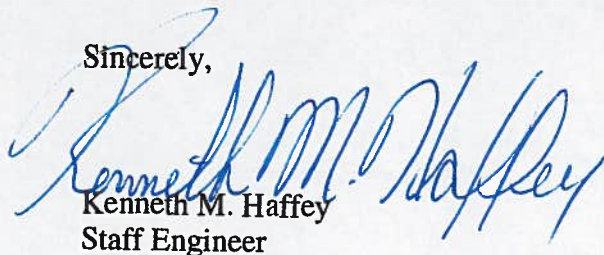
RE: M/O-2115
April 14, 2017
Page 2

It is understood that the above locations are tentative and may move slightly. The Well Driller's Reports with as-drilled GPS coordinates must to be submitted within 30 days of well completion.

It is expressly understood that this authorization does not relieve the operator of the requirements of any other state, federal or local agencies.

Should you have any questions regarding this matter, please contact me at the address above, by email at khaffey@water.nv.gov or at 775-684-2814.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kenneth M. Haffey", is written over the typed name and title.

Kenneth M. Haffey
Staff Engineer

KMH/jw

cc: Mike Scott, Well Drilling Regulation, e-mail
Jake Echeverria, Well Drilling Regulation, e-mail
Shannon Mc Daniel, Well Drilling Regulation, e-mail
Tim Wilson, Well Drilling Regulation, e-mail
Albamarle/Rockwood

EXPI

**IN THE OFFICE OF THE STATE ENGINEER OF THE STATE OF NEVADA
REQUEST FOR A WAIVER FOR OBSERVATION OR MONITOR WELL(S)**

The applicant and/or person or company responsible for drilling and plugging the temporary well(s):

George M. Thiel, P.E., S.W.R.S

Principal Engineer

Thiel Engineering Assoc., Inc.

Name

Title

Company

3950 Steamboat Drive

Carson City

89701

Street Address or PO Box

City or Town

State and ZIP Code

Telephone number of responsible party: (775) 937-2222

Estimated project dates: Apr-14-2017 Start Date Apr-14-2017 Completion Date

Location of the well: **PLSS, GPS Coordinates and Map Datum are required.**

(If more than one well is to be installed for the same project, use the accompanying form to list each well.)

NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 29 T 2 S R 40 E, M.D.B. & M.

{ Latitude (N): 37d 44'33.6078" } or { UTM (m) E: _____ } Datum
{ Longitude (W): -117d 33'59.486" } { UTM (m) N: _____ } NAD83/WGS8.

County Assessor Parcel Number (APN): 000-005-64

Street Address (if any): N/A

NDEP Order # (if any): N/A

Purpose and duration of well(s):

See Attachment A & B

If this waiver is an amendment or change to an original waiver, or if the property has other monitor wells installed, please give the original waiver number.

M/O - _____

The following items must be submitted with the waiver request:

- **A schematic drawing of the typical monitor well construction**
- **Affidavit of Intent to Plug a Well (Listing all wells by well ID/Name) (Separate Affidavit for each $\frac{1}{4}$, $\frac{1}{4}$)**
- **Location Map (i.e., Large Scale, inch = miles)**
- **Site Detail Map (i.e., Small Scale, inch = feet)**

Signatory Contact Information:

(775) 722-5380

Telephone Number

3950 Steamboat Drive

Mailing Address

Carson City, NV 89701

City, State, ZIP Code

George M. Thiel, P.E., S.W.R.S

Printed Name

Signature

Apr-14-2017

Date

IN THE OFFICE OF THE STATE ENGINEER OF NEVADA

AFFIDAVIT OF INTENT
TO PLUG A MONITORING WELL

Notice of Intent # _____

I, John Mayes Name & Title
Rockwood Lithium Inc Company
P.O. Box 98 Address
Silver Peak, NV 89047
775-937-2222 Telephone Number

RECEIVED
2017 APR 14 AM 10:55
STATE ENGINEERS OFFICE

of the real property located at:

Street Address (if any) _____

County Assessor Parcel Number (APN) 000-005-64

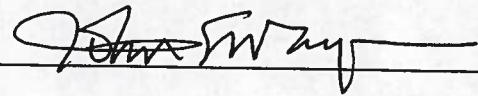
Situated within the NE $\frac{1}{4}$ ^NSW $\frac{1}{4}$ Section 20 T 2 S R 40 E, M.D.B. & M.

{ Latitude (N): 37d 44'33.6078 } or { UTM (m) E: _____ } Datum
{ Longitude (W): -117d 33'59.48 } { UTM (m) N: _____ } NAD 83
and whereupon one or more monitoring wells are located or to be located, fully understand that I shall

be responsible for, and shall cause the wells to be plugged in accordance with the provisions contained in Nevada Administrative Code (NAC) 534.4365 and all other applicable rules and regulations for drilling/plugging wells in the State of Nevada, **not later than thirty days after the date when monitoring is no longer required.**

I shall further make any purchaser of this parcel aware of these conditions.

Responsible Party

(Printed Name): John Mayes (Signature): 

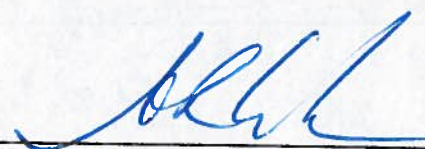
State of Nevada

County of ESMERALDA

Subscribed and sworn to before me on 12 April 2017

by John Mayes




Signature of Notary Public Required

Notary Seal

ATTACHMENT A
PURPOSE AND DURATION OF WELL(S)

Albemarle/Rockwood is planning to drill 5 monitoring wells ranging in depth from 2000'-3000' below ground surface elevation. The monitoring well is being drilled for the installation of Vibrating Wire Piezometers (VWP) per ATTACHMENT B.

During the drilling of the monitoring wells discreet water samples will be taken for analysis of the groundwater characteristics within the various identified groundwater aquifers. The total amount of water to be withdrawn from the monitoring wells will be approximately 100 gallons per monitoring well, with diversion rates at an approximate rate of less than or equal to 0.011 cfs.

The quantity of water purged from each well does not meet the minimum standard for requiring a temporary discharge permit with NDEP-BMRR as the 1) Discharge rate is less than 250 gpm; 2) The test is less than 48 hours in duration; and 3) The discharge water will not cause a violation of any water quality standard.

The VWP's will be utilized to collect groundwater level measurements for a period of approximately 20 years

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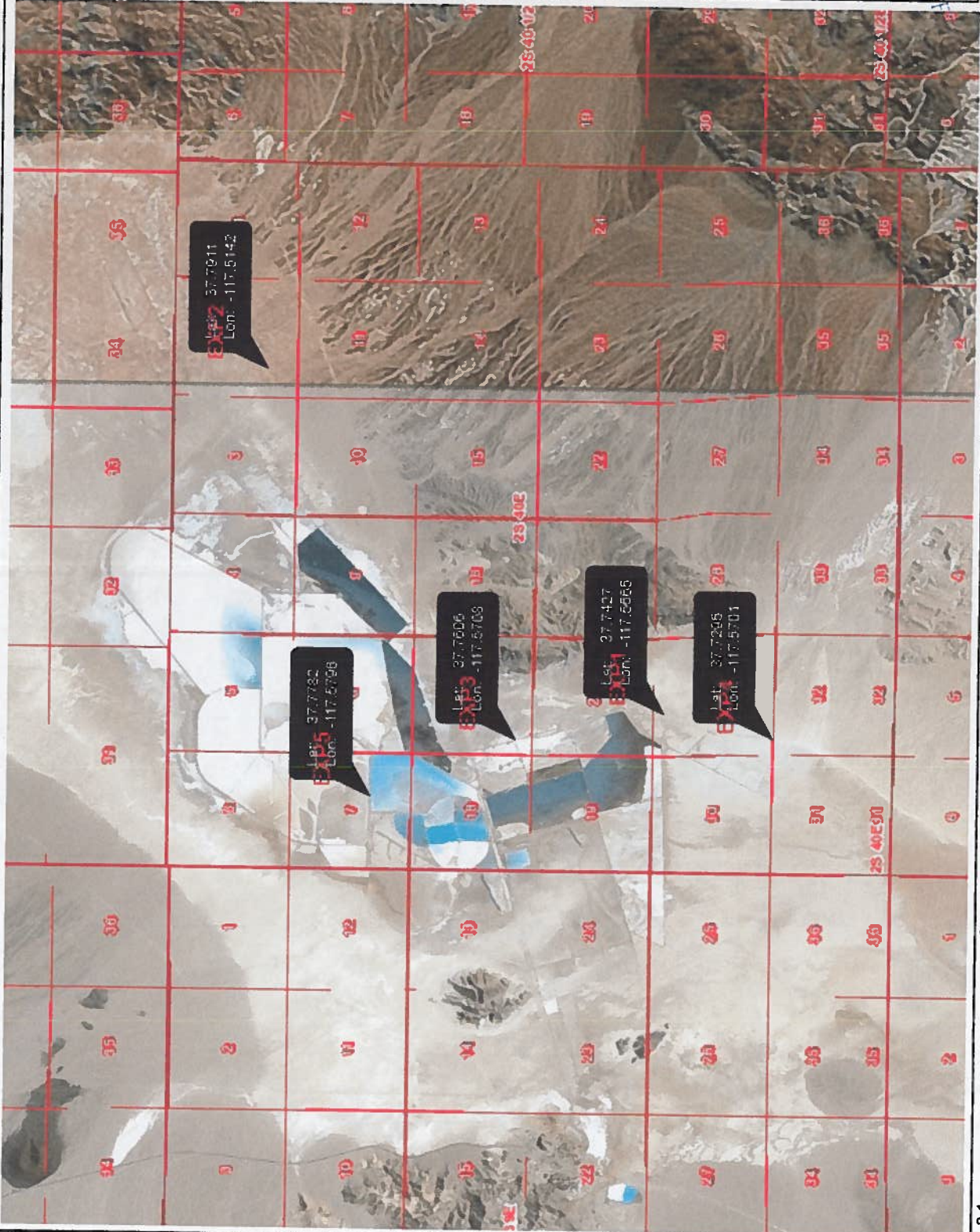


State of Nevada
Division of Water Resources

EXP1 - EXP5 WELL LOCATIONS

Legend

- ☐ Township
- ☐ Section



3.1 Miles

1.55

0

WGS 1984 Web Mercator Auxiliary Sphere
4/13/2017

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1:98,470





State of Nevada
Division of Water Resources

EXP1 Monitoring Well Location

Legend

- ☐ Township
- ☐ Section
- ☐ Quarter Quarter



0.1

0.05

0.1 Miles



WGS_1984_Web_Mercator_Auxiliary_Sphere
4/13/2017

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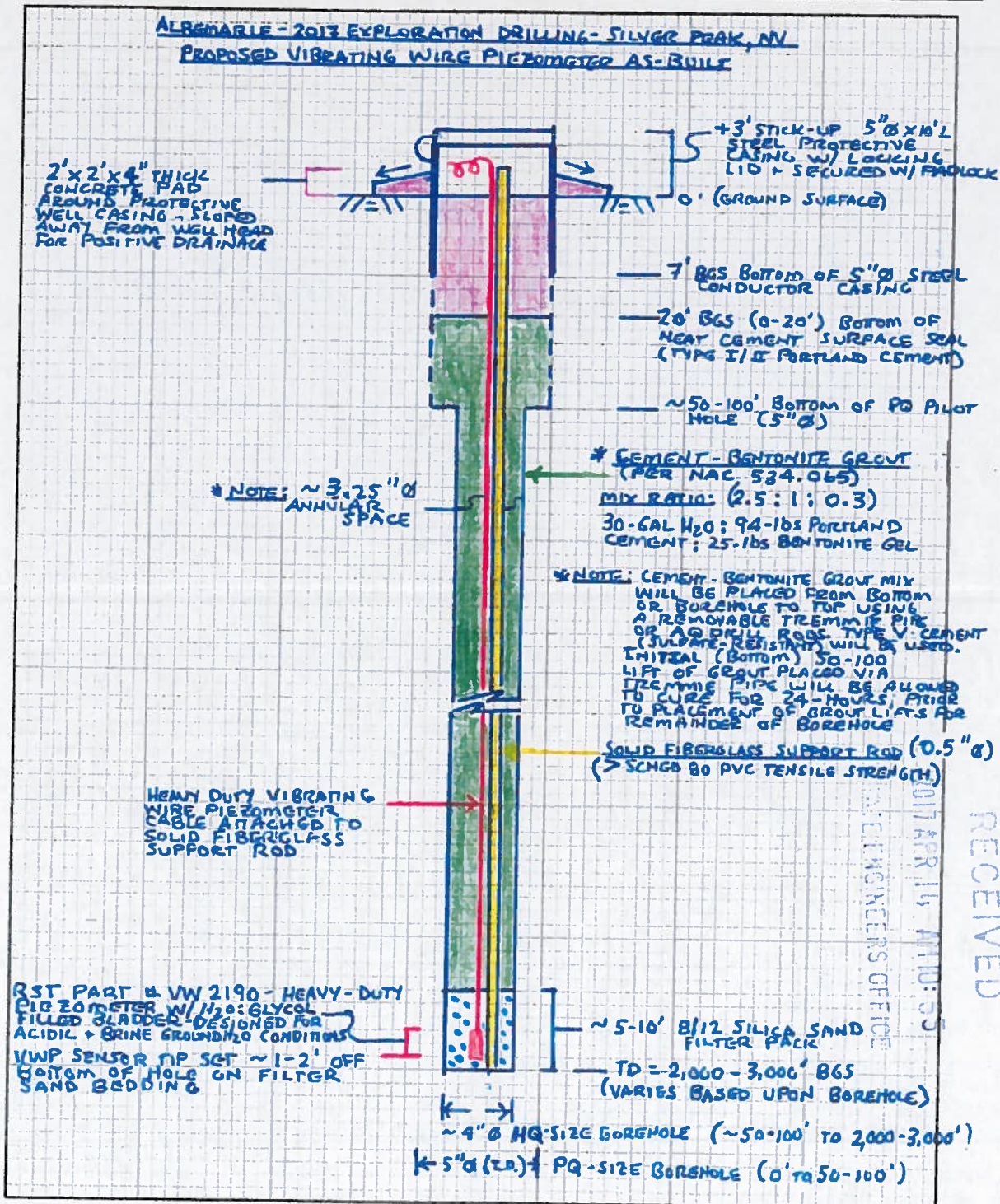
1:3,077

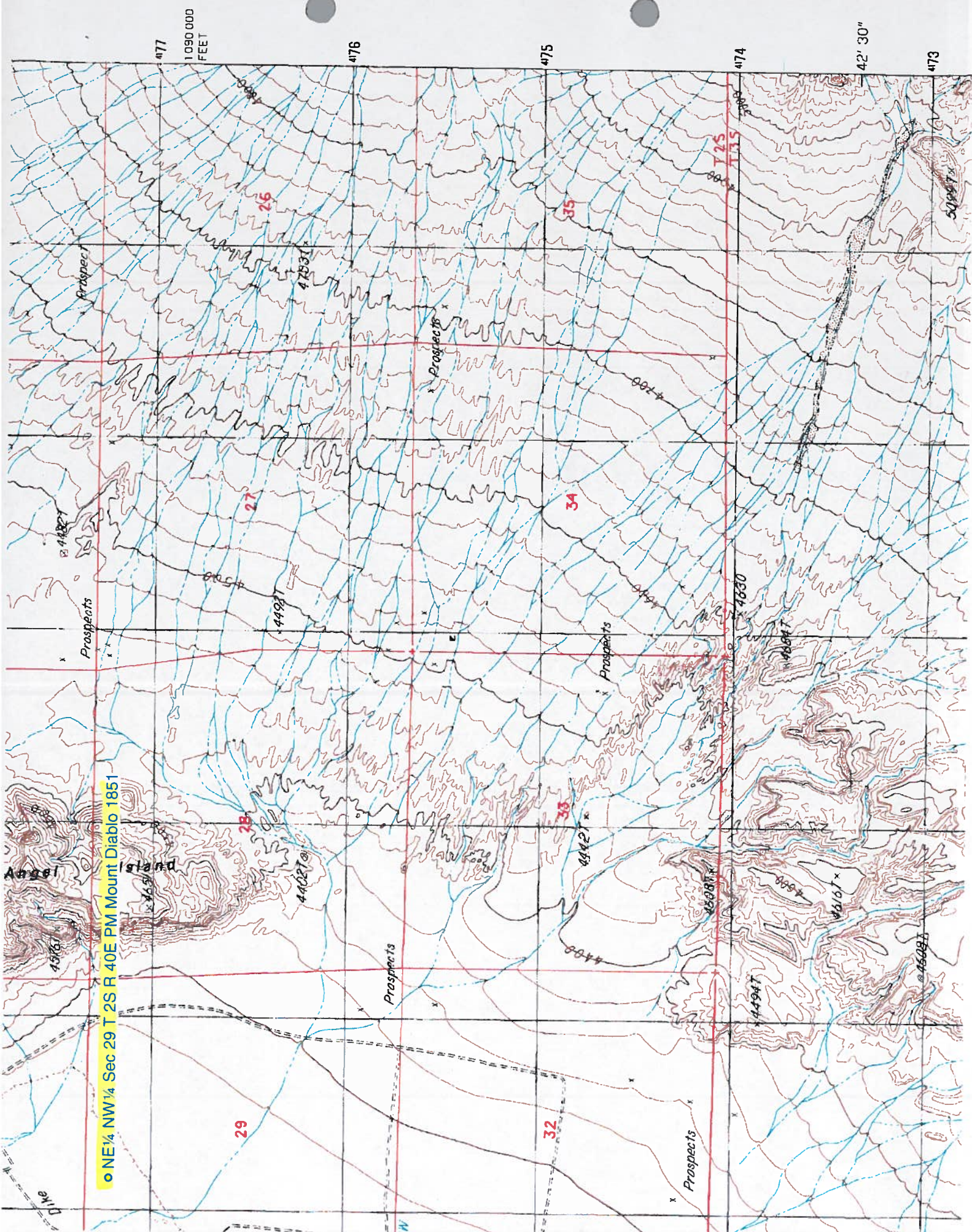


ATTACHMENT B

Well Construction Schematic

JOB NO. SP 1720	SHEET 1 OF 1	(REVISION 1)	
PHASE ALBEMARLE - 2017 EXPLORATION DRILLING	TASK SILVER PEAK, NEVADA	Colorado Center Tower II	
JOB NAME ALBEMARLE - 2017 EXPLORATION DRILLING	DATE APRIL 2017	2000 S. Colorado Blvd., Ste 2-1000	
BY SCOTT BOURCY	DATE APRIL 2017	Denver, CO 80222	
CHECKED BY	DATE	+1 (303) 935-6505 Fax +1 (303) 935-6575	





NE 1/4 NW 1/4 Sec 29 T 2S R 40E PM Mount Diablo 1851

477

1090 000
FEET

476

475

474

42° 30''

473

29

32

28

27

25

33

34

35

125

135

5000

Angel

Prospect

Prospects

Prospects

Prospects

Prospects

Prospects

Dike

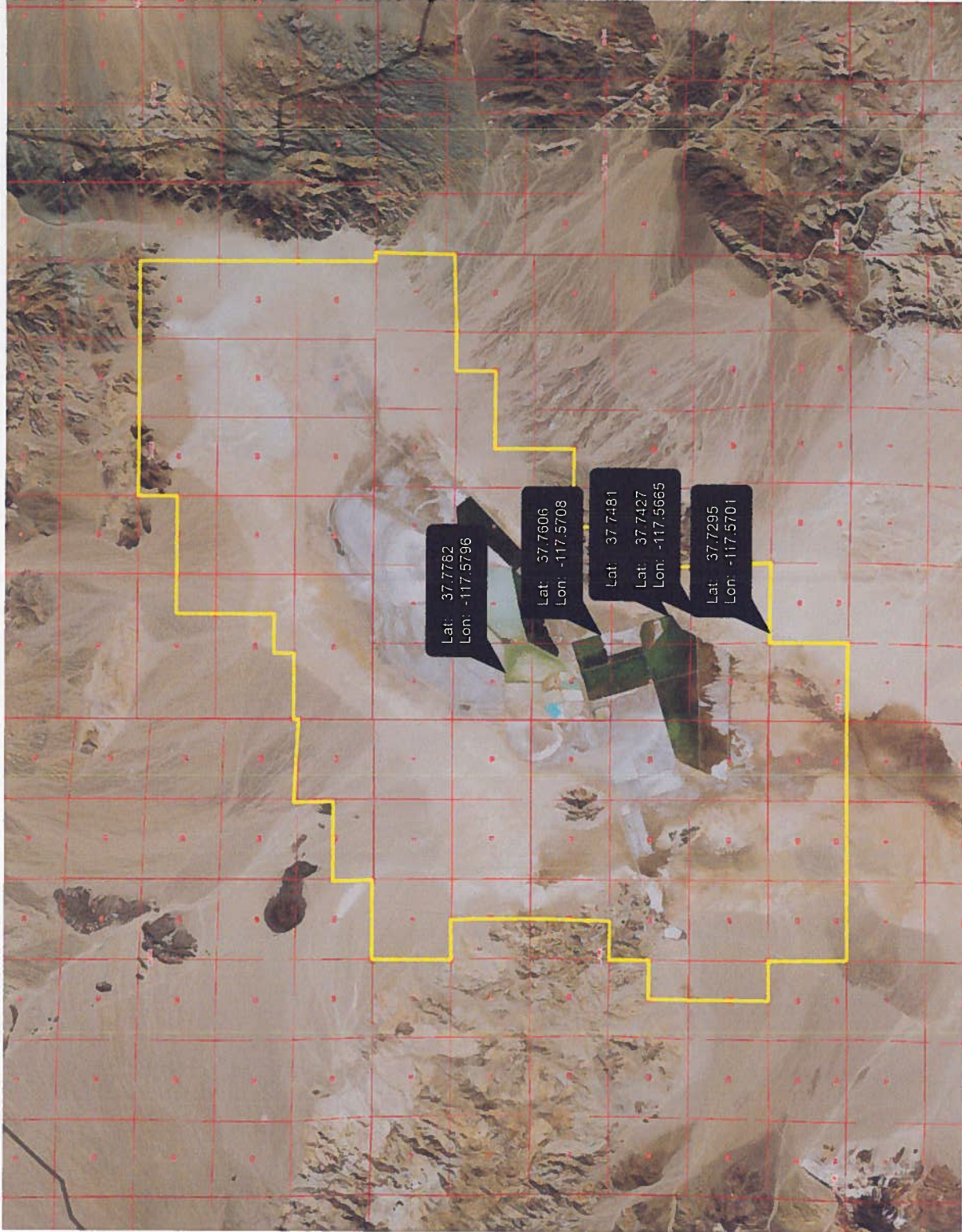


State of Nevada
Division of Water Resources

Rockwood M/O Waivers

Legend

- ☐ Basin Boundaries
- ☐ Township
- ☐ Section



4.7

2.37

4.7 Miles



WGS 1984_Web_Mercator_Auxiliary_Sphere
4/13/2017

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1: 150,000



Esmeralda County, Nevada

accessesmeralda.com

Assessor Home

Personal Property

Sales Data

Secured Tax Inquiry

Recorder Search

Parcel Detail for Parcel # 000-005-64

Location

Property Location **553 MINING CLAIMS + DOAS ASSESS**

Town

District **6.0 - GENERAL COUNTY**

Subdivision Lot Block

Property Name

Add'l Addresses

Assessor Maps

Legal Description

Ag Land

Patented Mining Claims

Ownership

Assessed Owner Name **CYPRUS FOOTE MINERAL COMPANY**Mailing Address **% ALBEMARLE CORP, ATTN: TAX DEPT
451 FLORIDA STREET
BATON ROUGE, LA 70801**

Ownership History

Document History

Legal Owner Name **CYPRUS FOOTE MINERAL COMPANY**Vesting Doc #, Date **00/00/00** Year / Book / Page **93 / 173 / 395**

Map Document #s

Description

Total Acres **.000**Square Feet **0**Ag Acres **.000**W/R Acres **.000**

Improvements

Single-family Detached **0**Non-dwelling Units **0**Bedrooms / Baths **0 / .00**Single-family Attached **0**Mobile Home Hookups **0**Stories **0**Multiple-family Units **0**Wells **0**Garage Square Ft. **0**Mobile Homes **0**Septic Tanks **0**

Attached / Detached

Total Dwelling Units **0**Buildings Sq Ft **0**

Improvement List

Residence Sq Ft **0**

Improvement Sketches

Basement Sq Ft **0**

Basement

Improvement Photos

Finished Basement SF **0**Bedrooms / Baths **0 / .00**

Appraisal Classifications

Current Land Use Code **810**

Code Table

Zoning Code(s)

Re-appraisal Group **3**Re-appraisal Year **2012**

Original Construction Year

Weighted Year

Assessed Valuation

Assessed Values	2017-18	2016-17	2015-16
Land	276,500	276,500	276,500
Improvements	4,632,351	3,975,610	2,470,728
Personal Property	1,132,812	982,820	1,220,936
Ag Land	0	0	0
Exemptions	276,500	276,500	276,500
Net Assessed Value	5,765,163	4,958,430	3,691,664

Increased (New) Values

Land	0	0	0
Improvements	252,169	741,457	0
Personal Property	313,403	331,847	0

Taxable Valuation

Taxable Values	2017-18	2016-17	2015-16
Land	790,000	790,000	790,000
Improvements	13,235,289	11,358,886	7,059,223
Personal Property	3,236,606	2,808,057	3,488,389
Ag Land	0	0	0
Exemptions	790,000	790,000	790,000
Net Taxable Value	16,471,894	14,166,943	10,547,611

Increased (New) Values

Land	0	0	0
Improvements	720,483	2,118,449	0
Personal Property	895,437	948,134	0

Back to Search List

Jim K
702
249
7402

Legal Description for Parcel # 000-005-64

<u>Legal Description</u>	<u>Sect/ Lot</u>	<u>Town/ Block</u>	<u>Range</u>	<u>Acres</u>
	31	T1S	40E	
	32	T1S	40E	
	33	T1S	40E	
	34	T1S	40E	
	35	T1S	40E	
	12	T2S	39E	
	13	T2S	39E	
	24	T2S	39E	
	25	T2S	39E	
	01	T2S	40E	
	35	T1S	40E	
	01	T2S	40E	
	03	T2S	40E	
	04	T2S	40E	
	05	T2S	40E	
	06	T2S	40E	
	06	T2S	40E	
	07	T2S	40E	
	08	T2S	40E	
	09	T2S	40E	
	10	T2S	40E	
	11	T2S	40E	
	16	T2S	40E	
	17	T2S	40E	
	18	T2S	40E	
	19	T2S	40E	
	20	T2S	40E	
	29	T2S	40E	
	30	T2S	40E	
	31	T2S	40E	
	32	T2S	40E	

IN THE OFFICE OF THE STATE ENGINEER OF THE STATE OF NEVADA
REQUEST FOR A WAIVER FOR OBSERVATION OR MONITOR WELL(S)

EXP2

The applicant and/or person or company responsible for drilling and plugging the temporary well(s):

<u>George M. Thiel, P.E., S.W.R.S</u>	<u>Principal Engineer</u>	<u>Thiel Engineering Assoc., Inc.</u>
<u>3950 Steamboat Drive</u>	<u>Carson City</u>	<u>89701</u>
Name	Title	Company
Street Address or PO Box	City or Town	State and ZIP Code

Telephone number of responsible party: (775) 937-2222

Estimated project dates: Apr-14-2017 Start Date Apr-14-2018 Completion Date

Location of the well: **PLSS, GPS Coordinates and Map Datum are required.**

(If more than one well is to be installed for the same project, use the accompanying form to list each well.)

NW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 2 T 2 S R 40 E, M.D.B. & M.

{	Latitude (N): <u>37d47'28.0572"</u>	}	or	{	UTM (m) E: _____	}	Datum
	Longitude (W): <u>-117d30'51.188"</u>				UTM (m) N: _____		

County Assessor Parcel Number (APN): 000-005-64

Street Address (if any): N/A

NDEP Order # (if any): N/A

Purpose and duration of well(s):

SEE ATTACHMENT A & B

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If this waiver is an amendment or change to an original waiver, or if the property has other monitor wells installed, please give the original waiver number.

M/O - _____

The following items must be submitted with the waiver request:

- A schematic drawing of the typical monitor well construction
- Affidavit of Intent to Plug a Well (Listing all wells by well ID/Name) (Separate Affidavit for each $\frac{1}{4}$, $\frac{1}{4}$)
- Location Map (i.e., Large Scale, inch = miles)
- Site Detail Map (i.e., Small Scale, inch = feet)

Signatory Contact Information:

(775) 722-5380
Telephone Number
3950 Steamboat Drive
Mailing Address
Carson City, NV 89701
City, State, ZIP Code

George M. Thiel, P.E., S.W.R.S

Printed Name

Signature

Apr-14-2017

Date

ATTACHMENT A
PURPOSE AND DURATION OF WELL(S)

Albemarle/Rockwood is planning to drill 5 monitoring wells ranging in depth from 2000'-3000' below ground surface elevation. The monitoring well is being drilled for the installation of Vibrating Wire Piezometers (VWP) per ATTACHMENT B.

During the drilling of the monitoring wells discreet water samples will be taken for analysis of the groundwater characteristics within the various identified groundwater aquifers. The total amount of water to be withdrawn from the monitoring wells will be approximately 100 gallons per monitoring well, with diversion rates at an approximate rate of less than or equal to 0.011 cfs.

The quantity of water purged from each well does not meet the minimum standard for requiring a temporary discharge permit with NDEP-BMRR as the 1) Discharge rate is less than 250 gpm; 2) The test is less than 48 hours in duration; and 3) The discharge water will not cause a violation of any water quality standard.

The VWP's will be utilized to collect groundwater level measurements for a period of approximately 20 years

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IN THE OFFICE OF THE STATE ENGINEER OF NEVADA

AFFIDAVIT OF INTENT
TO PLUG A MONITORING WELL

Notice of Intent # _____

I, John Mayes Name & Title
Rockwood Lithium Inc Company
P.O. Box 98 Address
Silver Peak, NV 89047
775-937-2222 Telephone Number

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2017 APR 14 AM 10:55
STATE ENGINEERS OFFICE

of the real property located at:

Street Address (if any) _____

County Assessor Parcel Number (APN) 000-005-64

Situated within the NW NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 20 T 2 S R 40 E, M.D.B. & M.

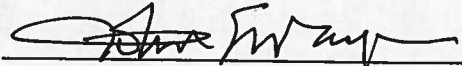
{ Latitude (N): 37d 44' 53.1096" } or { UTM (m) E: _____ } Datum
{ Longitude (W): -117d 33' 59.02" } { UTM (m) N: _____ }
47' 28.0572"
30' 51.108"

and whereupon one or more monitoring wells are located or to be located, fully understand that I shall be responsible for, and shall cause the wells to be plugged in accordance with the provisions contained in Nevada Administrative Code (NAC) 534.4365 and all other applicable rules and regulations for drilling/plugging wells in the State of Nevada, **not later than thirty days after the date when monitoring is no longer required.**

I shall further make any purchaser of this parcel aware of these conditions.

Responsible Party

(Printed Name): John Mayes

(Signature): 

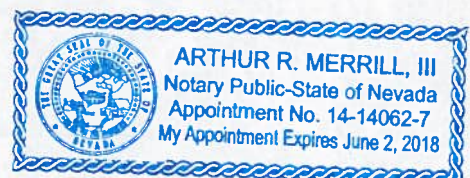
State of Nevada

County of ESMERALDA

Subscribed and sworn to before me on 12 April 2017

by John MAYES


Signature of Notary Public Required



Notary Seal

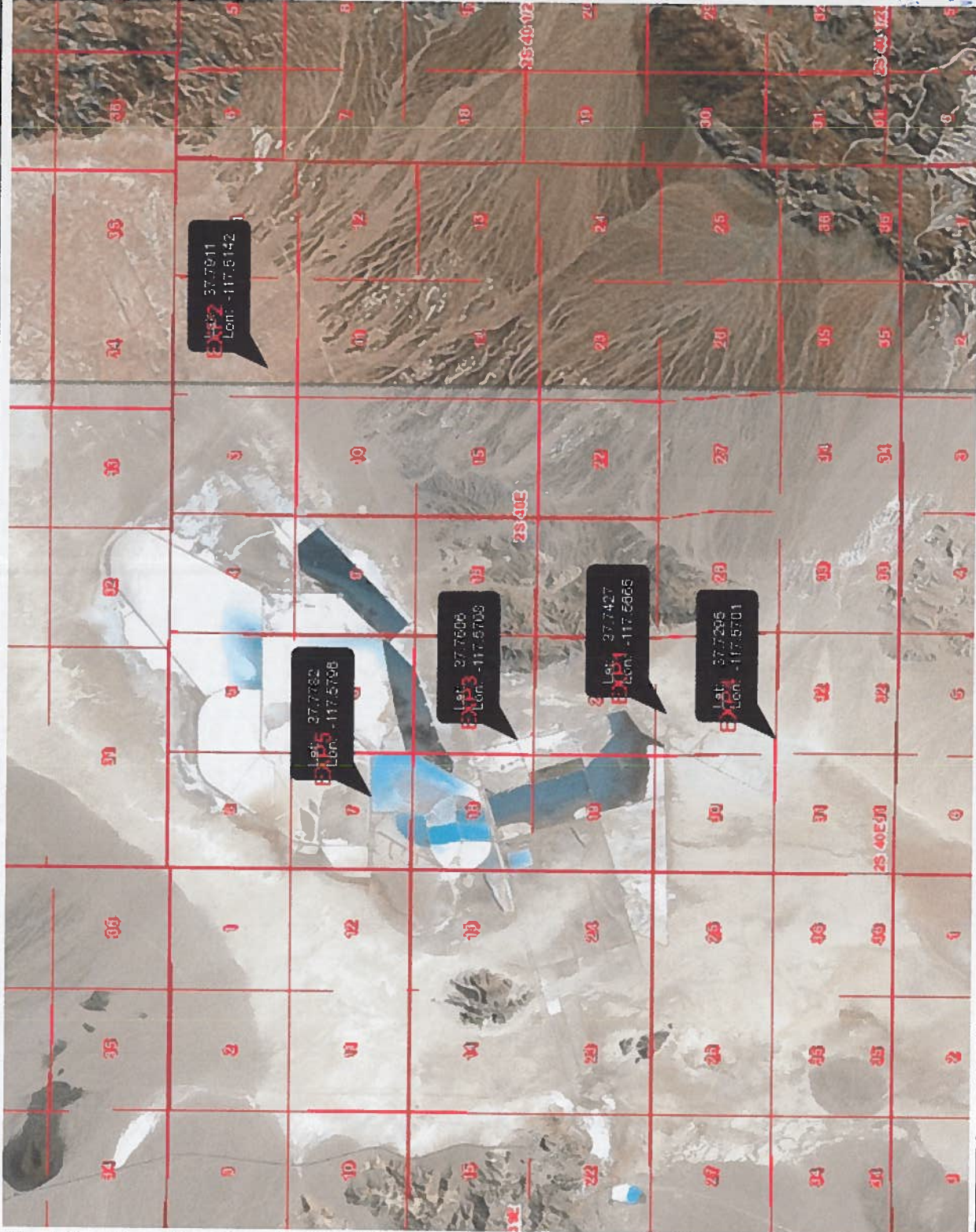


State of Nevada
Division of Water Resources

EXP1 - EXP5 WELL LOCATIONS

Legend

- ☐ Township
- ☐ Section



2017 APR 14
STATE ENGINEER

1:98,470

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3.1 1.55 3.1 Miles

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4/13/2017



State of Nevada
Division of Water Resources

EXP2 Monitoring Well Location

Legend

- ☐ Township
- ☐ Section
- ☐ Quarter Quarter



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1: 6,154

0.2 Miles



0.2

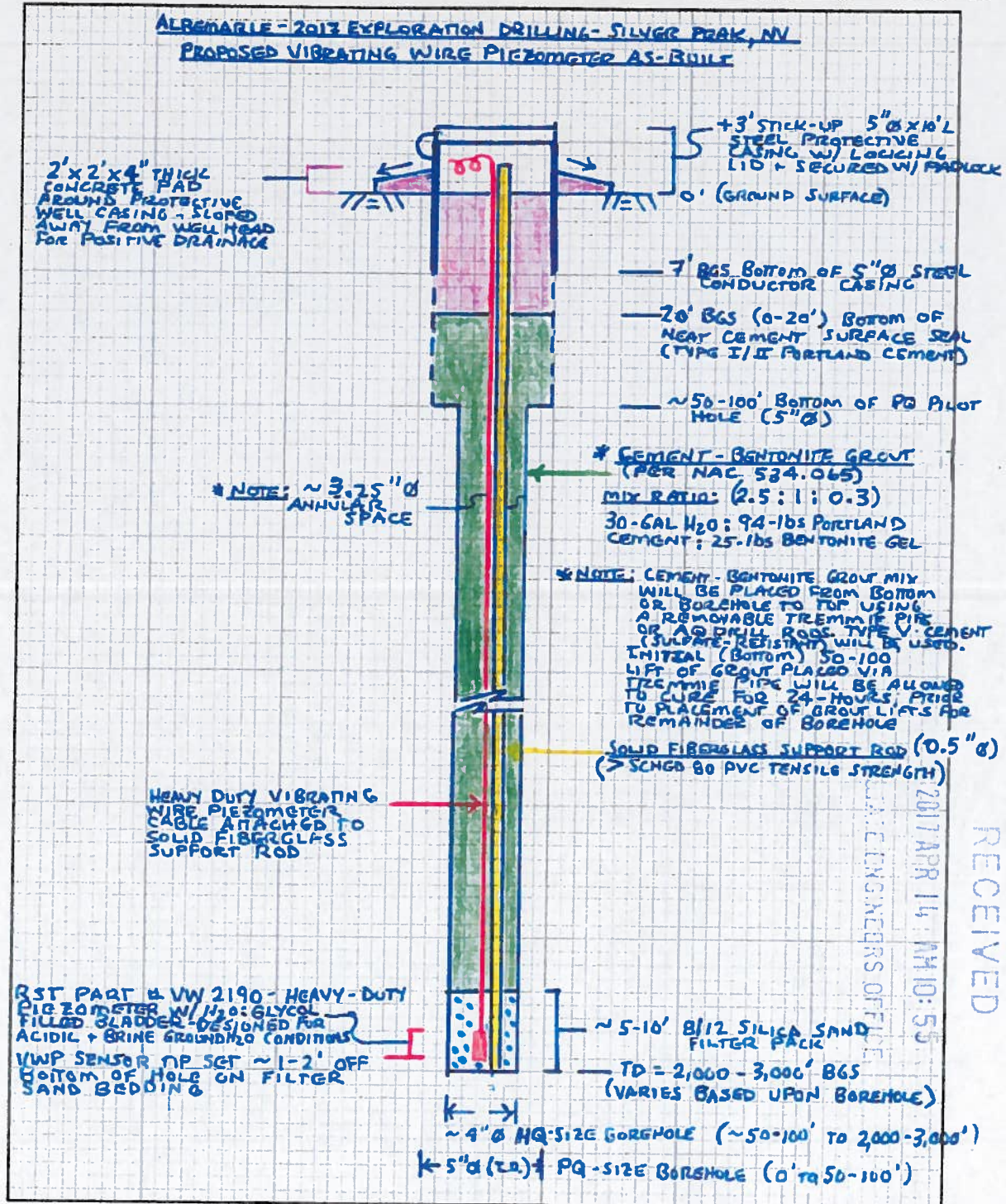
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4/13/2017

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ATTACHMENT B

Well Construction Schematic

JOB NO. SP 1320	SHEET 1 OF 1	(REVISION 1)	
PHASE ALBERTA - 2013 EXPLORATION DRILLING	TASK SILVER PEAK, NEVADA	Colorado Center Tower II	
JOB NAME BY SCOTT BOURCY	DATE APRIL 2017	2000 S. Colorado Blvd., Ste 2-1000	
CHECKED BY	DATE	Denver, CO 80222	
			+1 (303) 935-6505 Fax +1 (303) 935-6575



IN THE OFFICE OF THE STATE ENGINEER OF THE STATE OF NEVADA
REQUEST FOR A WAIVER FOR OBSERVATION OR MONITOR WELL(S)

EXP 3

The applicant and/or person or company responsible for drilling and plugging the temporary well(s):

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Principal Engineer

Thiel Engineering Assoc., Inc.

Name

Title

Company

3950 Steamboat Drive

Carson City

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City or Town

State and ZIP Code

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{ Latitude (N): 37d 45'38.1882" } or { UTM (m) E: } Datum
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County Assessor Parcel Number (APN): 000-005-64

Street Address (if any): N/A

NDEP Order # (if any): N/A

Purpose and duration of well(s):

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- Site Detail Map (i.e., Small Scale, inch = feet)

Signatory Contact Information:

(775) 722-5380

Telephone Number

3950 Steamboat Drive

Mailing Address

Carson City, NV 89701

City, State, ZIP Code

George M. Thiel, P.E., S.W.R.S

Printed Name

Signature

Apr-14-2017

Date

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AFFIDAVIT OF INTENT
TO PLUG A MONITORING WELL

Notice of Intent # _____

I, John Mayes Name & Title
Rockwood Lithium Inc Company
P.O. Box 98 Address
Silver Peak, NV 89047
775-937-2222 Telephone Number

RECEIVED
2017 APR 14 AM 10:56
STATE ENGINEERS OFFICE

of the real property located at:

Street Address (if any) _____

County Assessor Parcel Number (APN) 000-005-64

Situated within the SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 17 T 2 S R 40 E, M.D.B. & M.

{ Latitude (N): 37d 45'38.188" } or { UTM (m) E: _____ } Datum
{ Longitude (W): -117d 34'14.7" } { UTM (m) N: _____ }

and whereupon one or more monitoring wells are located or to be located, fully understand that I shall be responsible for, and shall cause the wells to be plugged in accordance with the provisions contained in Nevada Administrative Code (NAC) 534.4365 and all other applicable rules and regulations for drilling/plugging wells in the State of Nevada, **not later than thirty days after the date when monitoring is no longer required.**

I shall further make any purchaser of this parcel aware of these conditions.

Responsible Party

(Printed Name): John Mayes (Signature): John Mayes

State of Nevada

County of ESMERALDA

Subscribed and sworn to before me on 12 April 2017

by John MAYES



Arthur R. Merrill, III
Signature of Notary Public Required

Notary Seal

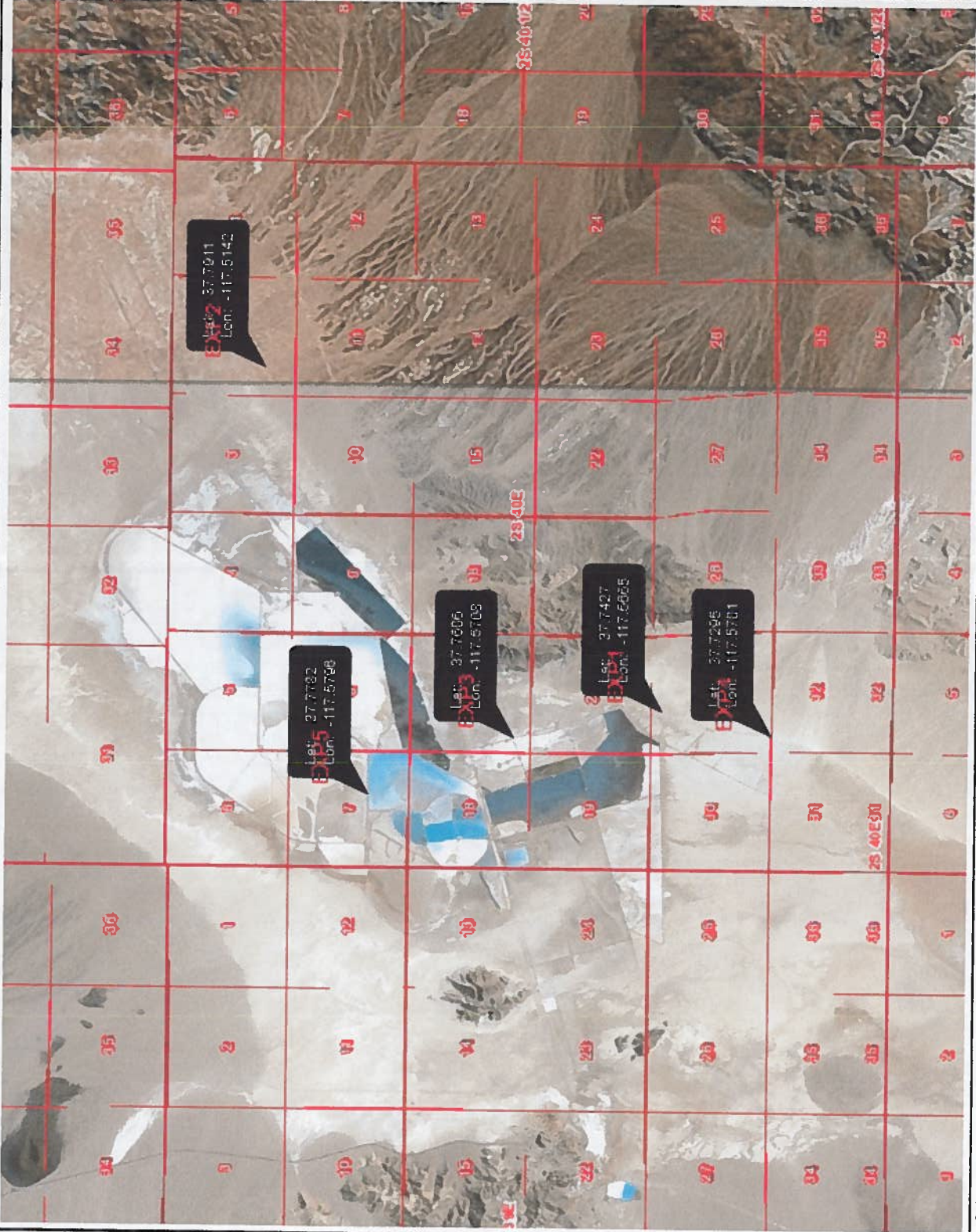


State of Nevada
Division of Water Resources

EXP1 - EXP5 WELL LOCATIONS

Legend

- ☐ Township
- ☐ Section



3.1 0 1.55 3.1 Miles

WGS 1984 Web Mercator Auxiliary Sphere
4/13/2017

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2017 APR 14 AM 10:56
ENGINEERS OFFICE

1:98,470



State of Nevada
Division of Water Resources

EXP3 Monitoring Well Location

Legend

- ☐ Township
- ☐ Section
- ☐ Quarter Quarter



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1:6,154

0.2 0 0.10 0.2 Miles

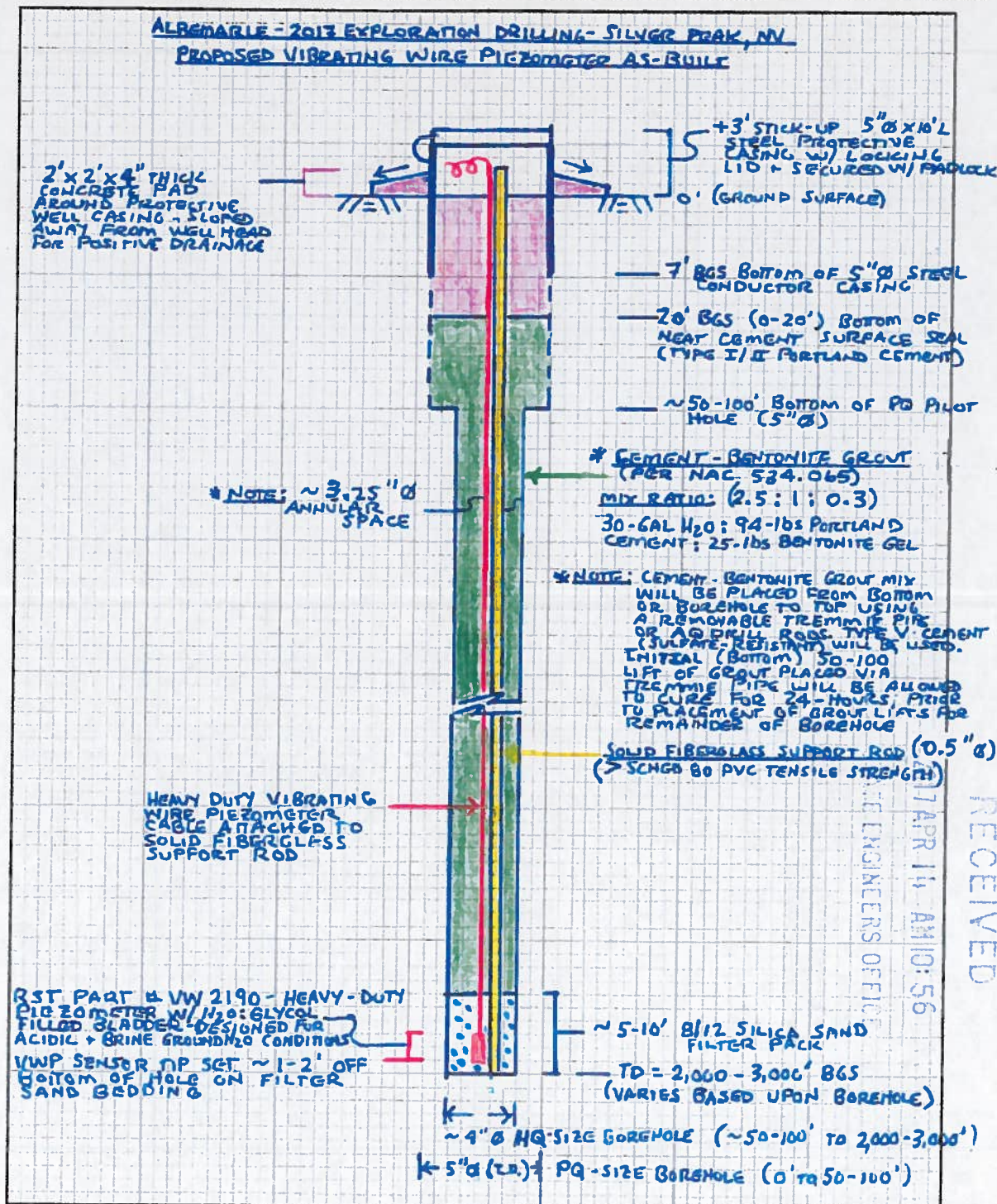
WGS_1984_Web_Mercator_Auxiliary_Sphere
4/13/2017

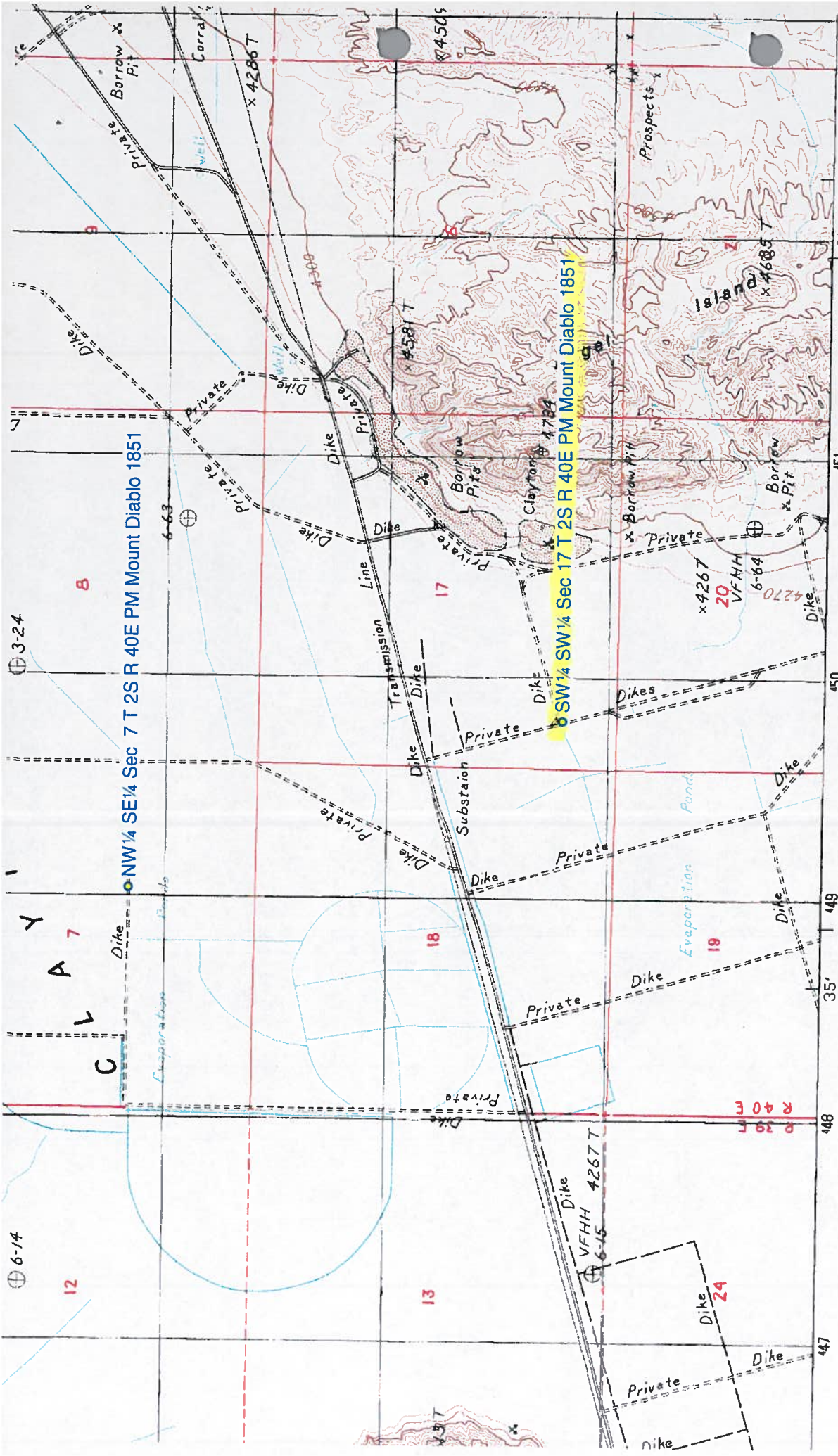
This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.
THIS MAP IS NOT TO BE USED FOR NAVIGATION

ATTACHMENT B

Well Construction Schematic

JOB NO. SP 1720	SHEET 1 OF 1	(REVISION 1)	
PHASE	TASK		
JOB NAME ALBEMARLE-2017 EXPLORATION DRILLING SILVER PEAK, NEVADA		Colorado Center Tower II	
BY SCOTT ROURCY	DATE APRIL 2017	2000 S. Colorado Blvd., Ste 2-1000 Denver, CO 80222 +1 (303) 935-6505 Fax +1 (303) 935-6575	
CHECKED BY	DATE		





PROVISIONAL MAP
Produced from original
manuscript drawings. Infor-

QUADRAN

1	2	3
4		5

SCALE 1:24 000

TO CONVERSION MARKERS TO FEET MULTIPLY BY 3.2808
TO CONVERSION MARKERS TO METERS MULTIPLY BY 0.3048

CONTOUR INTERVAL 20 FEET
SUPPLEMENTARY CONTOUR INTERVAL 10 FEET

INTERIOR - GEOLOGICAL SURVEY RESTON, VIRGINIA - 1987

TO CONVERSION MARKERS TO FEET MULTIPLY BY 3.2808
TO CONVERSION MARKERS TO METERS MULTIPLY BY 0.3048

IN THE OFFICE OF THE STATE ENGINEER OF THE STATE OF NEVADA
REQUEST FOR A WAIVER FOR OBSERVATION OR MONITOR WELL(S)

EXP 94

The applicant and/or person or company responsible for drilling and plugging the temporary well(s):

George M. Thiel, P.E., S.W.R.S

Principal Engineer

Thiel Engineering Assoc., Inc.

Name
3950 Steamboat Drive

Title
Carson City

Company
89701

Street Address or PO Box

City or Town

State and ZIP Code

Telephone number of responsible party: (775) 937-2222

Estimated project dates: Apr-14-2017 Start Date Apr-14-2018 Completion Date

Location of the well: **PLSS, GPS Coordinates and Map Datum are required.**

(If more than one well is to be installed for the same project, use the accompanying form to list each well.)

SW 1/4 SW 1/4 Section 29 T 2 S R 40 E, M.D.B. & M.

{ Latitude (N): 37d 43'46.0518" } or { UTM (m) E: } Datum
{ Longitude (W): -117d 34'12.503" } { UTM (m) N: } NAD83/WGS8.

County Assessor Parcel Number (APN): 000-005-64

Street Address (if any): N/A

NDEP Order # (if any): N/A

Purpose and duration of well(s):

SEE ATTACHMENT A & B

If this waiver is an amendment or change to an original waiver, or if the property has other monitor wells installed, please give the original waiver number.

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M/O-

The following items must be submitted with the waiver request:

- A schematic drawing of the typical monitor well construction
- Affidavit of Intent to Plug a Well (Listing all wells by well ID/Name) (Separate Affidavit for each 1/4, 1/4)
- Location Map (i.e., Large Scale, inch = miles)
- Site Detail Map (i.e., Small Scale, inch = feet)

Signatory Contact Information:

(775) 722-5380

Telephone Number

3950 Steamboat Drive

Mailing Address

Carson City, NV 89701

City, State, ZIP Code

George M. Thiel, P.E., S.W.R.S

Printed Name

Signature

Apr-14-2017

Date

ATTACHMENT A
PURPOSE AND DURATION OF WELL(S)

Albemarle/Rockwood is planning to drill 5 monitoring wells ranging in depth from 2000'-3000' below ground surface elevation. The monitoring well is being drilled for the installation of Vibrating Wire Piezometers (VWP) per ATTACHMENT B.

During the drilling of the monitoring wells discreet water samples will be taken for analysis of the groundwater characteristics within the various identified groundwater aquifers. The total amount of water to be withdrawn from the monitoring wells will be approximately 100 gallons per monitoring well, with diversion rates at an approximate rate of less than or equal to 0.011 cfs.

The quantity of water purged from each well does not meet the minimum standard for requiring a temporary discharge permit with NDEP-BMRR as the 1) Discharge rate is less than 250 gpm; 2) The test is less than 48 hours in duration; and 3) The discharge water will not cause a violation of any water quality standard.

The VWP's will be utilized to collect groundwater level measurements for a period of approximately 20 years

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IN THE OFFICE OF THE STATE ENGINEER OF NEVADA

AFFIDAVIT OF INTENT
TO PLUG A MONITORING WELL

Notice of Intent # _____

I, John Mayes Name & Title
Rockwood Lithium Inc Company
P.O. Box 98 Address
Silver Peak, NV 89047
775-937-2222 Telephone Number

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2017 APR 14 AM 10:56
STATE ENGINEERS OFFICE

of the real property located at:

Street Address (if any) _____

County Assessor Parcel Number (APN) 000-005-64

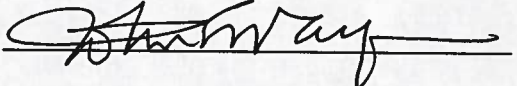
Situated within the SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 29 T 2 S R 40 E, M.D.B. & M.

{ Latitude (N): 37d 43'46.051" } or { UTM (m) E: _____ } Datum
{ Longitude (W): -117d 34'12.5" } { UTM (m) N: _____ }

and whereupon one or more monitoring wells are located or to be located, fully understand that I shall be responsible for, and shall cause the wells to be plugged in accordance with the provisions contained in Nevada Administrative Code (NAC) 534.4365 and all other applicable rules and regulations for drilling/plugging wells in the State of Nevada, **not later than thirty days after the date when monitoring is no longer required.**

I shall further make any purchaser of this parcel aware of these conditions.

Responsible Party

(Printed Name): John Mayes (Signature): 

State of Nevada

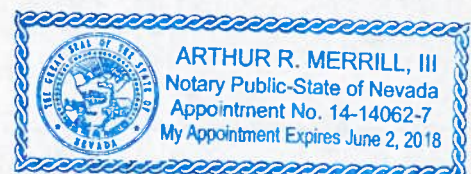
County of ESMERALDA

Subscribed and sworn to before me on 12 April 2017

by John MAYES



Signature of Notary Public Required



Notary Seal

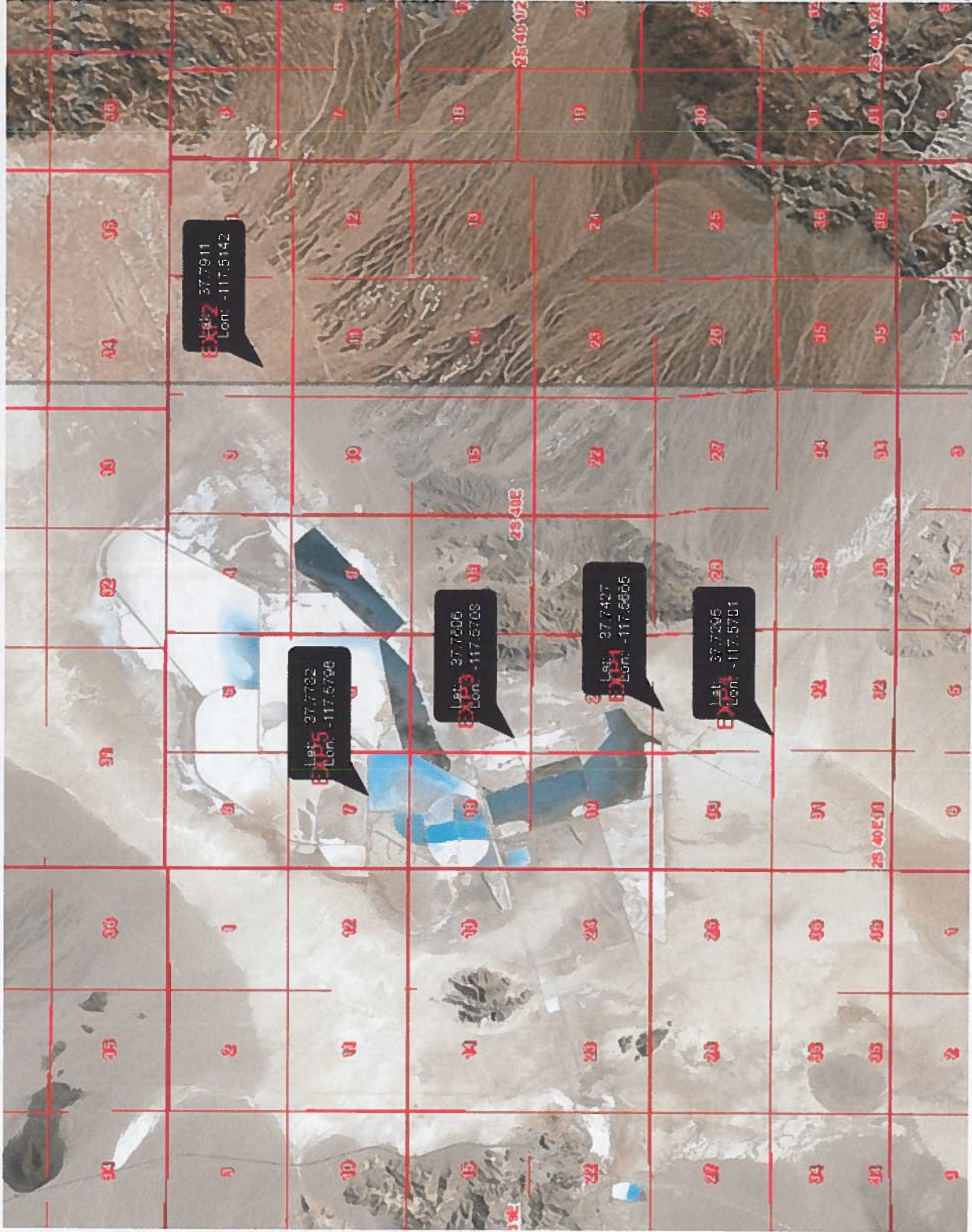


State of Nevada
Division of Water Resources

EXP1 - EXP5 WELL LOCATIONS

Legend

- Township
- Section



3.1 1.55 3.1 Miles

WGS_1984_Web_Mercator_Auxiliary_Sphere
4/13/2017

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ENGINEERS OF
RECEIVED

1:88,470





State of Nevada
Division of Water Resources

EXP4 Monitoring Well Location

Legend

- ☐ Township
- ☐ Section
- ☐ Quarter Quarter



Lat: 37.7225
Lon: -117.5701

0.2 Miles

0.10

0

WGS_1984_Web_Mercator_Auxiliary_Sphere
4/13/2017

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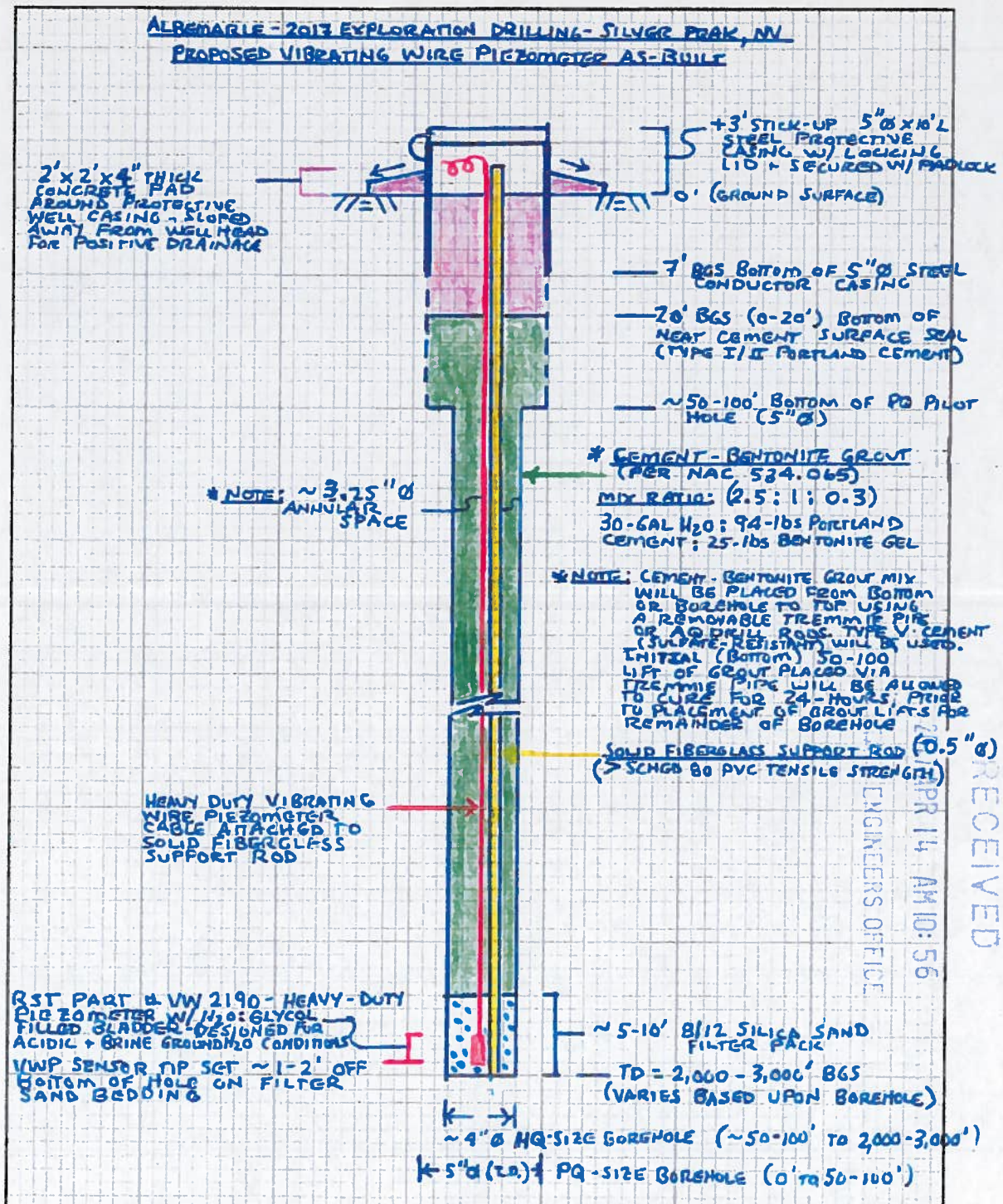
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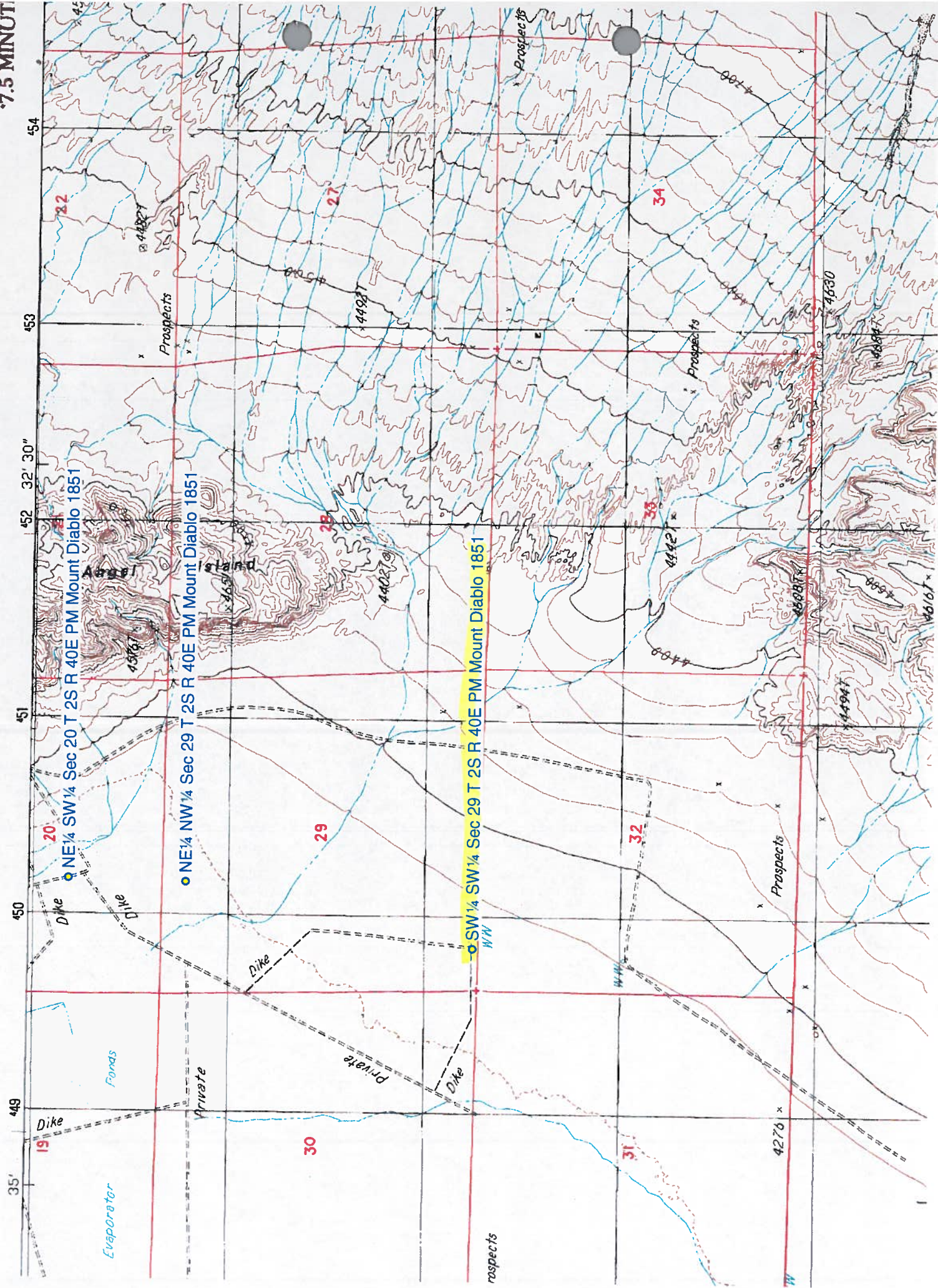


ATTACHMENT B

Well Construction Schematic

JOB NO. SP 1720	SHEET 1 OF 1	(REVISION 1)	
PHASE	TASK		
JOB NAME ALBEMARLE-2013 EXPLORATION DRILLING SILVER PEAK, NEVADA		Colorado Center Tower II 2000 S. Colorado Blvd., Ste 2-1000 Denver, CO 80222 +1 (303) 935-6505 Fax +1 (303) 935-6575	
BY SCOTT ROURCY	DATE APRIL 2017		
CHECKED BY	DATE		





IN THE OFFICE OF THE STATE ENGINEER OF THE STATE OF NEVADA
REQUEST FOR A WAIVER FOR OBSERVATION OR MONITOR WELL(S)

EXP 5

- The applicant and/or person or company responsible for drilling and plugging the temporary well(s):

George M. Thiel, P.E., S.W.R.S

Principal Engineer

Thiel Engineering Assoc., Inc.

Name

Title

Company

3950 Steamboat Drive

Carson City

89701

Street Address or PO Box

City or Town

State and ZIP Code

Telephone number of responsible party: (775) 937-2222

Estimated project dates: Apr-14-2017 Start Date Apr-14-2018 Completion Date

Location of the well: **PLSS, GPS Coordinates and Map Datum are required.**

(If more than one well is to be installed for the same project, use the accompanying form to list each well.)

NW ¼ SE ¼ Section 7 T 2 S R 40 E, M.D.B. & M.

{ Latitude (N): 37d 46'41.5344" } or { UTM (m) E: } Datum
{ Longitude (W): -117d 34'46.585" } { UTM (m) N: } NAD83/WGS8.

County Assessor Parcel Number (APN): 000-005-64

Street Address (if any): N/A

NDEP Order # (if any): N/A

Purpose and duration of well(s):

SEE ATTACHMENT A & B

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STATE ENGINEERS OFFICE

If this waiver is an amendment or change to an original waiver, or if the property has other monitor wells installed, please give the original waiver number.

M/O -

The following items must be submitted with the waiver request:

- A schematic drawing of the typical monitor well construction
- Affidavit of Intent to Plug a Well (Listing all wells by well ID/Name) (Separate Affidavit for each ¼, ¼)
- Location Map (i.e., Large Scale, inch = miles)
- Site Detail Map (i.e., Small Scale, inch = feet)

Signatory Contact Information:

(775) 722-5380

Telephone Number

3950 Steamboat Drive

Mailing Address

Carson City, NV 89701

City, State, ZIP Code

George M. Thiel, P.E., S.W.R.S

Printed Name

Signature

Apr-14-2017

Date

ATTACHMENT A
PURPOSE AND DURATION OF WELL(S)

Albemarle/Rockwood is planning to drill 5 monitoring wells ranging in depth from 2000'-3000' below ground surface elevation. The monitoring well is being drilled for the installation of Vibrating Wire Piezometers (VWP) per ATTACHMENT B.

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The quantity of water purged from each well does not meet the minimum standard for requiring a temporary discharge permit with NDEP-BMRR as the 1) Discharge rate is less than 250 gpm; 2) The test is less than 48 hours in duration; and 3) The discharge water will not cause a violation of any water quality standard.

The VWP's will be utilized to collect groundwater level measurements for a period of approximately 20 years

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IN THE OFFICE OF THE STATE ENGINEER OF NEVADA

AFFIDAVIT OF INTENT
TO PLUG A MONITORING WELL

Notice of Intent # _____

I, John Mayes Name & Title
Rockwood Lithium Inc Company
P.O. Box 98 Address
Silver Peak, NV 89047
775-937-2222 Telephone Number

RECEIVED
2017 APR 14 AM 10:56
STATE ENGINEERS OFFICE

of the real property located at:

Street Address (if any) _____

County Assessor Parcel Number (APN) 000-005-64

Situated within the NW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 7 T 2 S R 40 E, M.D.B. & M.

{ Latitude (N): 37d 46'41.534" } or { UTM (m) E: _____ } Datum
{ Longitude (W): -117d 34'46.5" } { UTM (m) N: _____ }

and whereupon one or more monitoring wells are located or to be located, fully understand that I shall be responsible for, and shall cause the wells to be plugged in accordance with the provisions contained in Nevada Administrative Code (NAC) 534.4365 and all other applicable rules and regulations for drilling/plugging wells in the State of Nevada, **not later than thirty days after the date when monitoring is no longer required.**

I shall further make any purchaser of this parcel aware of these conditions.

Responsible Party

(Printed Name): John Mayes (Signature): John Mayes

State of Nevada

County of ESMERALDA

Subscribed and sworn to before me on 12 April 2017

by John Mayes

Arthur R. Merrill, III

Signature of Notary Public Required



Notary Seal



State of Nevada
Division of Water Resources

EXP5 Monitoring Well Location

Legend

- ☐ Township
- ☐ Section
- ☐ Quarter Quarter



Lat: 37.3782
Lon: -117.5788

0.2 0.10 0.2 Miles

WGS_1984_Web_Mercator_Auxiliary_Sphere
4/13/2017

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STATE ENGINEERS OFFICE

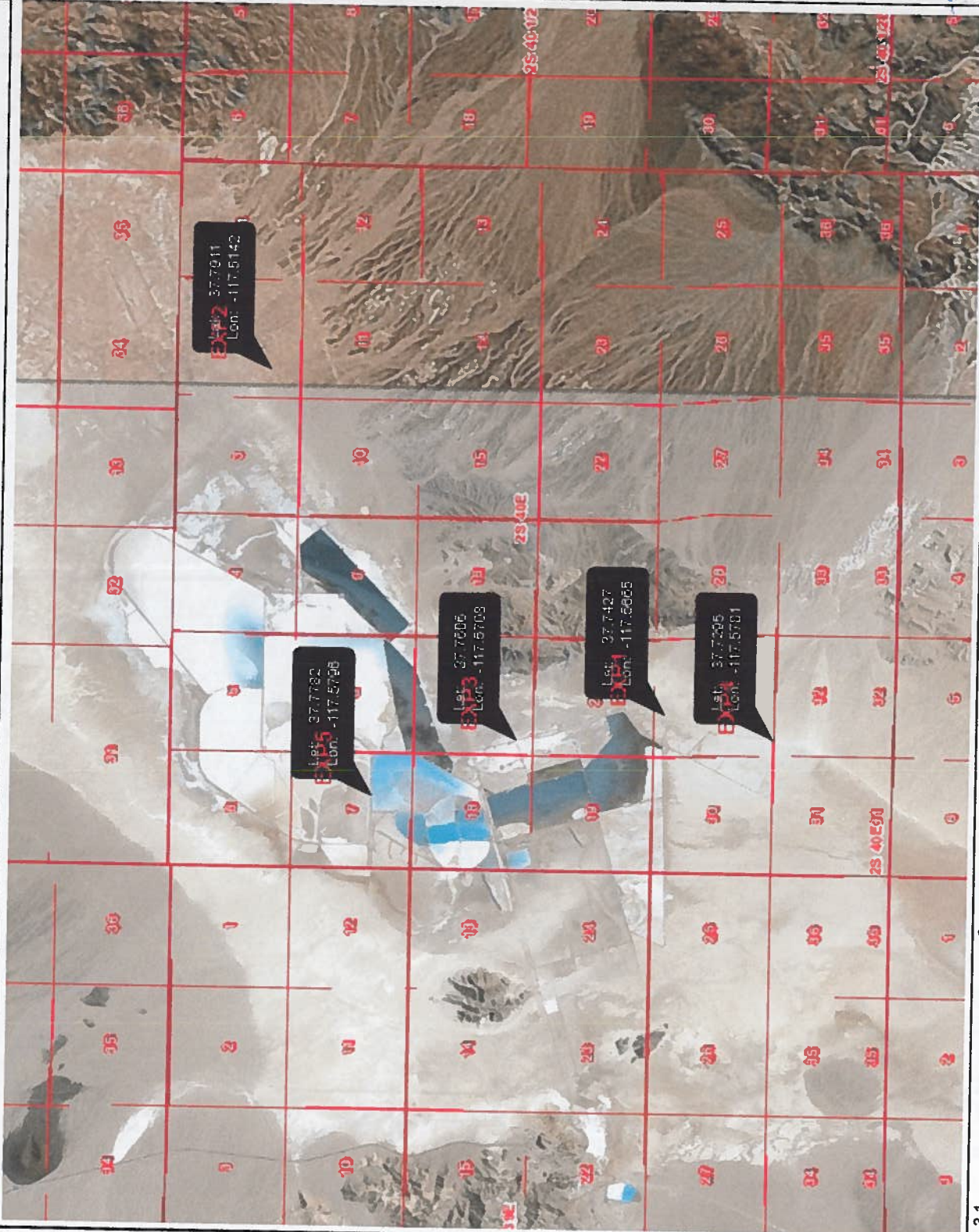
1:6,154



EXP1 - EXP5 WELL LOCATIONS

Legend

- ☐ Township
- ☐ Section



3.1 1.55 3.1 Miles

WGS 1984 Web_Mercator_Auxiliary_Sphere
4/13/2017

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THIS MAP IS NOT TO BE USED FOR NAVIGATION

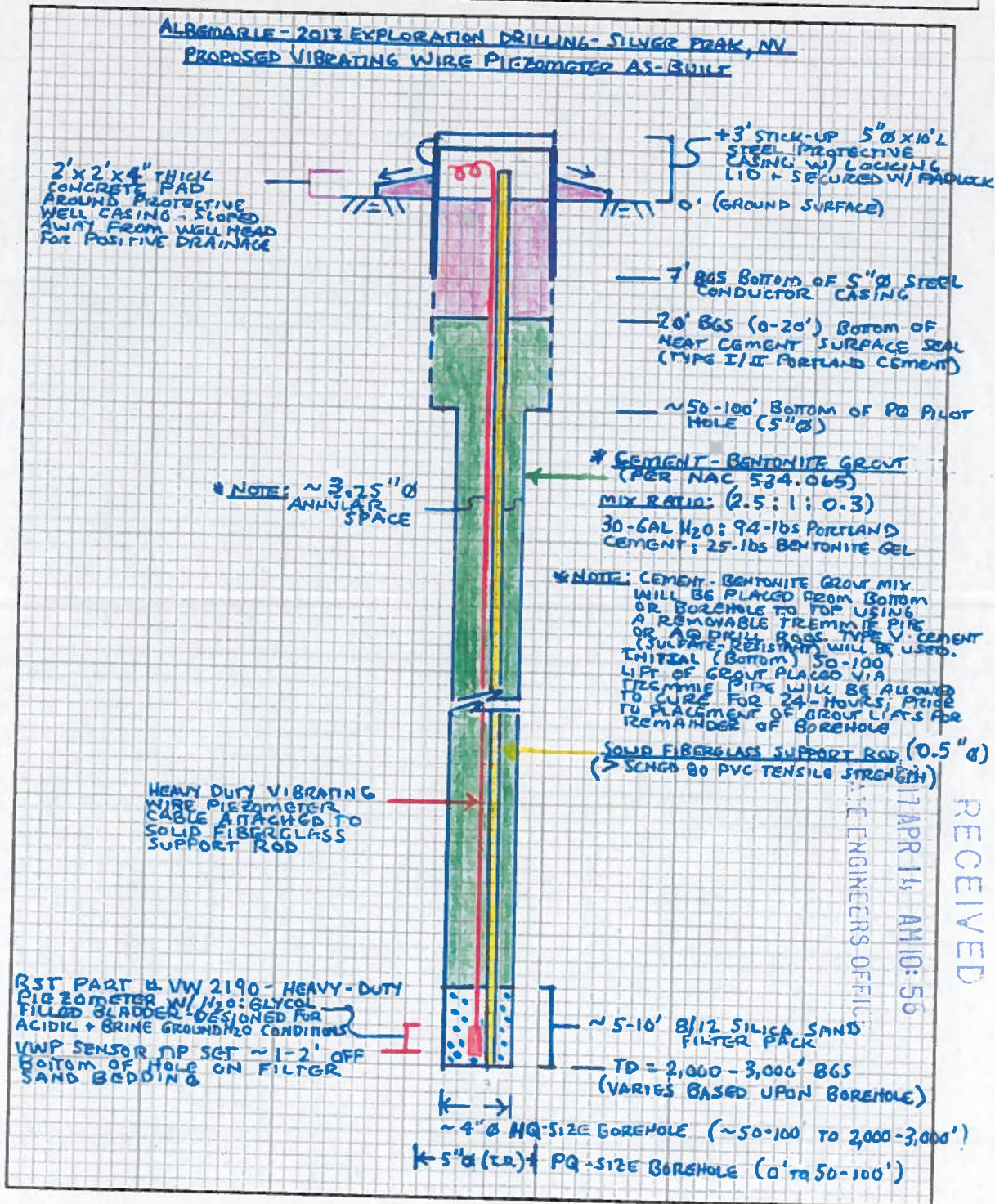
2017 APR 14
STATE ENGINEERS OFFICE

1:98,470

ATTACHMENT B

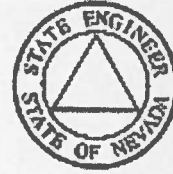
Well Construction Schematic

JOB NO. # <u>SP 1320</u>	SHEET <u>1</u> OF <u> </u>	(REVISION 1)	
PHASE <u>ALBEMARLE - 2013 EXPLORATION DRILLING</u>	TASK <u>SILVER PEAK, NEVADA</u>	Colorado Center Tower II	
JOB NAME <u>ALBEMARLE - 2013 EXPLORATION DRILLING</u>	DATE <u>APRIL 2017</u>	2000 S. Colorado Blvd., Ste 2-1000	
BY <u>SCOTT GOURCY</u>	DATE <u>APRIL 2017</u>	Denver, CO 80222	
CHECKED BY <u> </u>	DATE <u> </u>	+1 (303) 935-6505 Fax +1 (303) 935-6575	





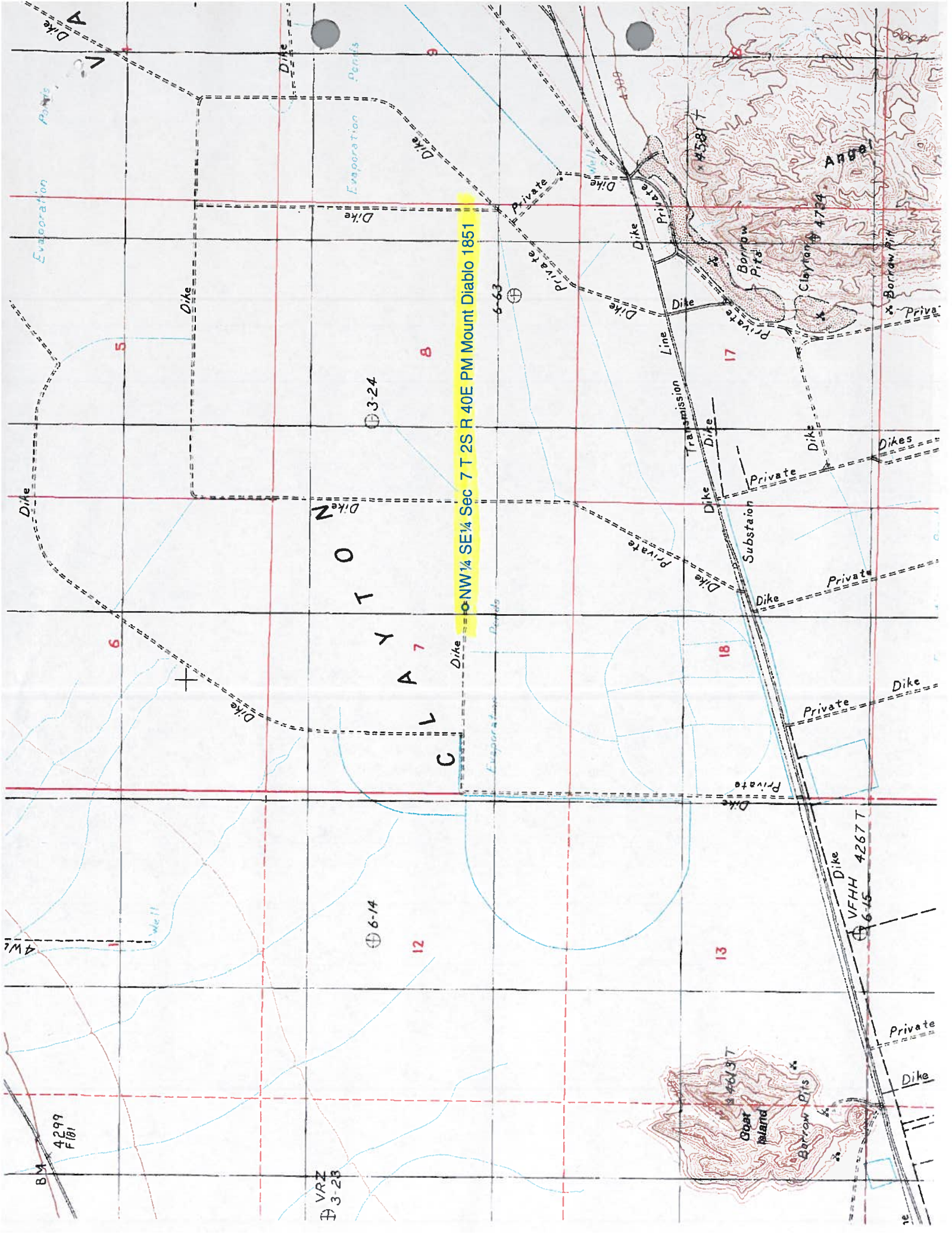
**Division of Water Resources
Receipt for Payment**



Thiel Engineering Associates Inc
3950 STEAMBOAT DRIVE
Carson City, NV 89701

Check #: 2480
Check Date: 4/13/2017
Date Received: 4/14/2017
Receipt #: 30770

FY	Amount	Permit #	Invoice #	Fee Type/Fee desc
	\$120.00	M/O WAIVER		
	\$120.00	M/O WAIVER		
	\$120.00	M/O WAIVER		
	\$120.00	M/O WAIVER		
	\$120.00	M/O WAIVER		
Total :	\$600.00			Notes COVERS M/O WAIVERS (5) CK TOTAL \$60.00



NW 1/4 SE 1/4 Sec 7 T 2S R 40E PM Mount Diablo 1851

CLAYTON

VRZ
3-23

BM
4299
F181

VFHH 4267T
6-15