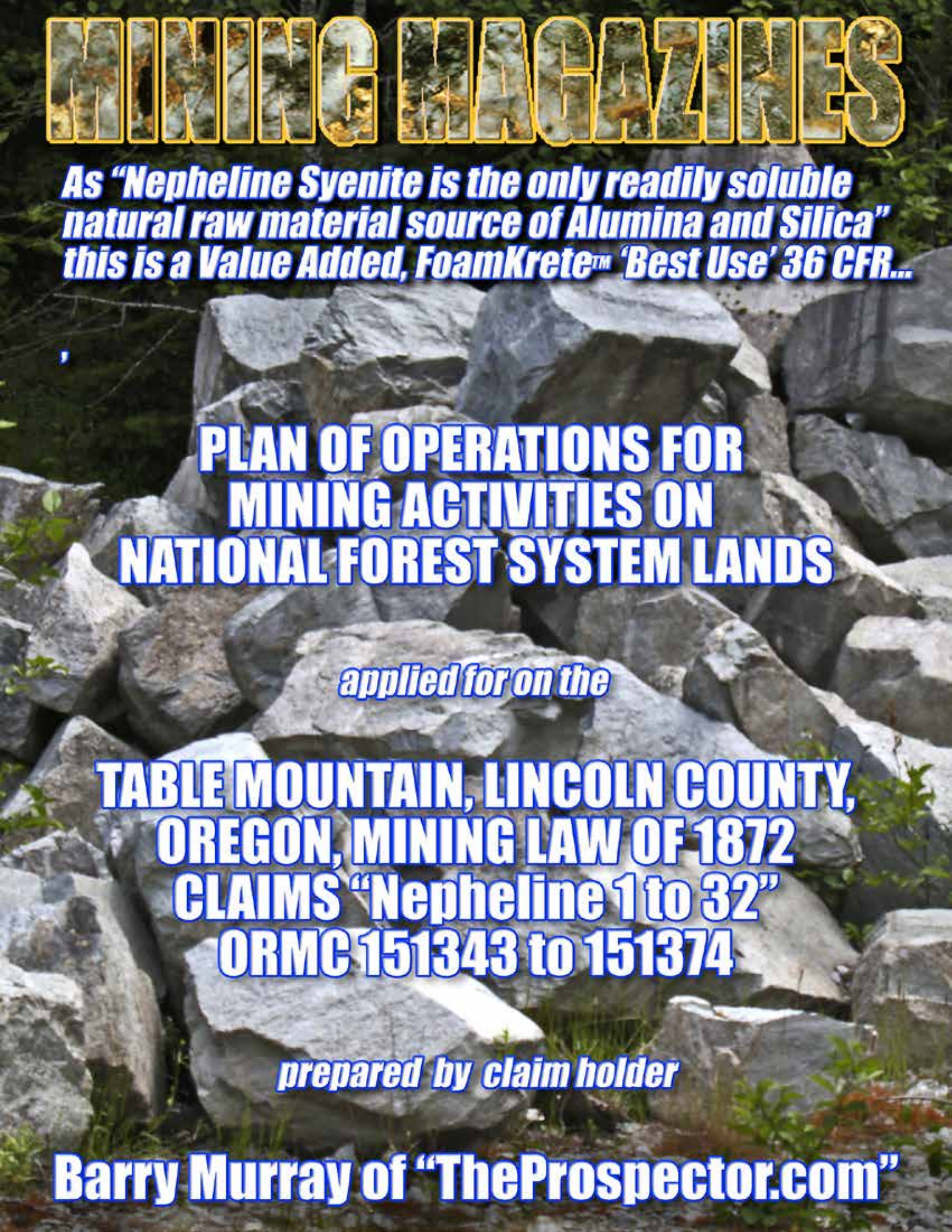
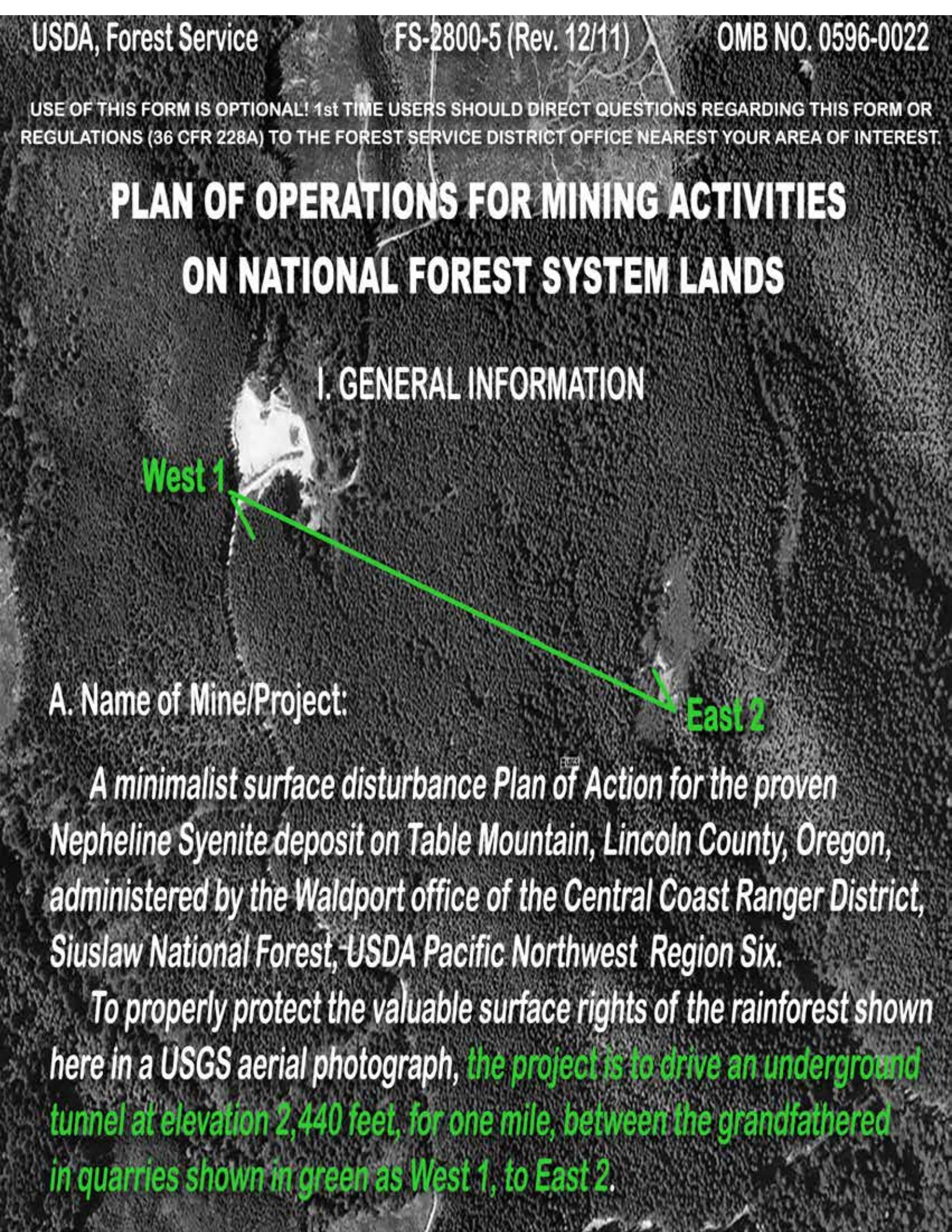

MINING MAGAZINES
As "Nepheline Syenite is the only readily soluble natural raw material source of Alumina and Silica" this is a Value Added, FoamKrete™ 'Best Use' 36 CFR...
,
PLAN OF OPERATIONS FOR MINING ACTIVITIES ON NATIONAL FOREST SYSTEM LANDS
applied for on the
TABLE MOUNTAIN, LINCOLN COUNTY, OREGON, MINING LAW OF 1872 CLAIMS "Nepheline 1 to 32" ORMC 151343 to 151374
prepared by claim holder
Barry Murray of "TheProspector.com"

USDA, Forest Service FS-2800-5 (Rev. 12/11) OMB NO. 0596-0022

USE OF THIS FORM IS OPTIONAL! 1st TIME USERS SHOULD DIRECT QUESTIONS REGARDING THIS FORM OR REGULATIONS (36 CFR 228A) TO THE FOREST SERVICE DISTRICT OFFICE NEAREST YOUR AREA OF INTEREST.

PLAN OF OPERATIONS FOR MINING ACTIVITIES ON NATIONAL FOREST SYSTEM LANDS

I. GENERAL INFORMATION



A. Name of Mine/Project:

A minimalist surface disturbance Plan of Action for the proven Nepheline Syenite deposit on Table Mountain, Lincoln County, Oregon, administered by the Waldport office of the Central Coast Ranger District, Siuslaw National Forest, USDA Pacific Northwest Region Six.

To properly protect the valuable surface rights of the rainforest shown here in a USGS aerial photograph, the project is to drive an underground tunnel at elevation 2,440 feet, for one mile, between the grandfathered in quarries shown in green as West 1, to East 2.

USDA, Forest Service

PLAN OF OPERATIONS FOR MINING ACTIVITIES ON NATIONAL FOREST SYSTEM LANDS

FS-2800-5
OMB NO. 0596-0022

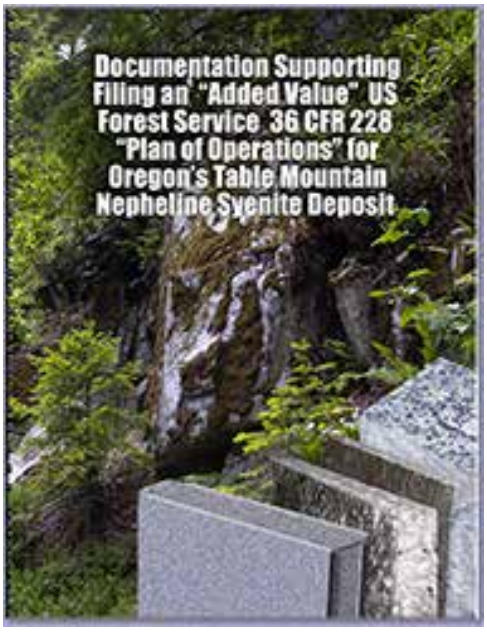
USE OF THIS FORM IS OPTIONAL! **1st TIME USERS SHOULD DIRECT QUESTIONS REGARDING THIS FORM OR REGULATIONS (36 CFR 228A) TO THE FOREST SERVICE DISTRICT OFFICE NEAREST YOUR AREA OF INTEREST.**

Submitted by:	Signature BARRY G. MURRAY	EDITOR; THEPROSPECTOR.COM EDITOR; MININGMAGAZINES.COM EDITOR; MININGINVESTMENT.COM Title	07/20/18 Date *(mm/dd/yy)*
Plan Received by:	Signature	Title	Date *(mm/dd/yy)*

UNIQUE NEPHELINE CEMENT TO BE MARKETED AS FOAMKRETE™ CONCRETE.

The Table Mountain 'Peralkaline' Nepheline Syenite sill considered by some to be on the fringe of being classified as 'Rare Earths' for containing a uniform and valuable chemical "bundle" of eight natural compounds that cannot be patented by anyone other than Creator, as documented by the white paper attachments, following, establishing the added values of in this **Document Explaining, § 228.42 — An explanation of Uncommon Varieties.**

The most important point to understand of this "feldspathic bundle" of volcanic ash binder is the pozzolans used in Roman Cement to build, without re-bar, seawater resistant wharfs and bridges still standing today, is that one of the accidental secrets of the ages was that the chemistry of seawater activation of Al203 and Si02 helped protect tidal surge strong "sea walls". That is the mother of all trade secrets now unraveling.



Another balance of nature's irony is that the view from Table Mountain looks down on the village of Waldport under tsunami threat of the offshore geologic event of Cascadia Subduction Zone earthquakes that have been geologically reoccurring since Table Mountain was created as a Pacific Ocean "ring of fire" event over 33 million years ago.

Curiously, the fairly recent re-discovered use of the naturally soluble volcanic plutonic sill material bundle, which cannot be patent protected by anyone other than Creator, when ground down to a common variety Portland cement "mortar" size, and added as a pump-able binder sized (no rough gravel or rock to create weak voids) after-mixture also expands the output volume of ordinary dense concrete four to five times with the magic of Nepheline Syenite Pozziolins to a faster better, smarter, stronger, cheaper house building material.

Without the addition of common variety gravel and unevenly sized rocks, the pure "silicon

sand" aggregate binds together tighter. And, being 80% percent of micro hydrogen bubbles — with one of the highest known insulation 'R' values — FoamKrete.com lightweight tip-up bearing walls are stronger than old fashioned "2x4 stick built" homes. For apartment building, the load bearing walls capabilities without steel girders are considered acceptable up to four stories.

I have already trademarked **FoamKrete™** (as a natural mix it cannot be patent protected) for being a perfectly safe home building material — for being a ***Class A Four Hour at 3,000 Degrees Fire Resistant*** (nothing is absolutely fire-proof). In a forest fire in Omak, Washington the hobby builder of a CLC concrete house did not evacuate. Instead, he videotaped out a window his neighborhood exploding, and how his home actually acted as a fire break to help save a neighbors house.

This surprise was broadcast by TV stations all over the World, especially in developing nations that actually are ahead of the US in developing affordable foamcrete style housing. Especially in places where flash floods, mudslides, and Tsunamis are washing away traditionally built structures that do not have the holding power of concrete.

Add into this benefits list being "earthquake survivable", soundproof, 'bulletproof', moldproof, Nepheline cement fairing better as a closed envelope during a tornado or hurricane. And a FoamKrete™ closed envelope "boat floor" also will survive rivers overflowing their banks.

The village of Waldport, (where a "German" forest meets the sea) was recently mapped for being high on the hit list of Tsunami Zones along the Oregon Coast. As an Alsea River resident, I am concerned.

The Alsea Bay has historically suffered from both ocean and river flooding I would love to contribute to a public (city, county, state, federal) /private (FoamKrete™, ECO Housing of America, etc.) with an added value tourism venture of "sandbag" building a fun family safe, rock solid, destination resort style "castle hotel" tidal surge seawall from headland to headland, a mile plus, across the Alsea River spit which is in a constantly changing state of development with every storm. Such a Roman Cement Tsunami Wall could save Walport!

Being I have a 60-year experience in trying to comprehend geological time-lines, I do understand that the historic Cascadia subduction recurrence interval has slipped from 500 years since 400 AD, to 390 years in 1310 to 1700 AD, to >318 years(?) at the present time.

This filing of my "plan of action" supporting the uniqueness of the classic "sill flatness" Table Mountain Nepheline Syenite, measured as a 700 million uniform ton deposit which most likely is part of a much deeper batholith, or ancient rare earths Perovskite "diamond" pipe.

Table Mountain is one of the few economically viable Nepheline Syenite deposits in America not owned by 3M in Arkansas and New Mexico, or controlled by foreign cartels from Europe, Russia, China. It is defined on www.FoamKrete.com as being a worthy "green mining" answer to surviving global warming climate change, and the rumblings of the related Cascadia plate-tectonic. Which if you think about it, is an ironic balance of nature showing up in a new age Perovsvkite solar cell diamond.

So, here is the start of a bibliography of attached, annotated PDF White Papers, like those available establishing the **value of Uncommon Variety of mineral rights.**

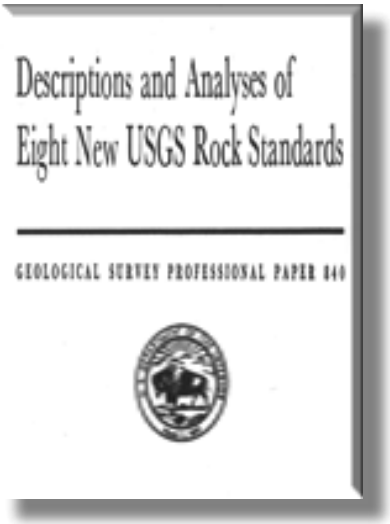
The mineral rights contained in the Table Mountain Mining Law of 1872 claims are defined by the following attachments, by clicking the linked multimedia reports, unaltered except where

off the point information is excluded for brevity in professional PDF reports use as:

PDF 1 —

USGS Professional Paper 840; NEPHELINE SYENITE FROM TABLE MOUNTAIN, OREGON

Description and Analyses of Eight New USGS Rock Standards.

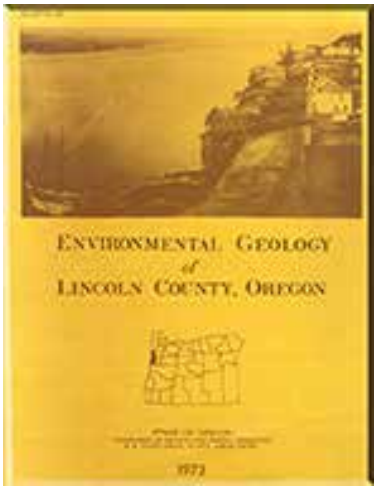


The US Geological Survey worked very closely with the United States Bureau of Mines Research Center at Albany, Oregon, on Rare Earths studies before closure by a Congress looking for cost-cutting bragging rights. Which was very shortsighted as the bankruptcy of Union Carbide's Mountain Pass Rare Earths put China in control of the manufacturing of motors needed in Detroit's electric automobiles.

PDF 2 —

BULLETIN 81; ENVIRONMENTAL GEOLOGY OF LINCOLN COUNTY, OREGON

Oregon State Department of Geology and Mineral Industries

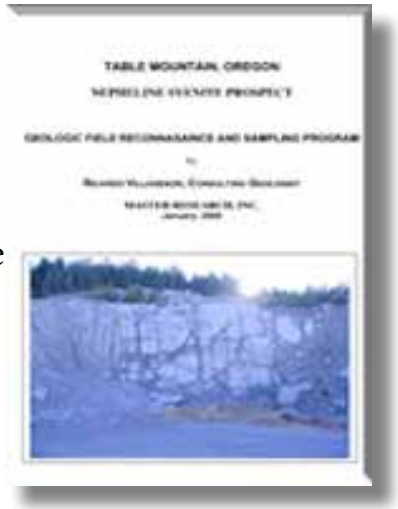


Following the US Geological Survey mapping for an un-drilled depth assessment of a steep exposure of visible outcrops, this State of Oregon paper really validated "Table Mountain rock is 300 feet thick, covers about l square mile, and has little overburden". It is estimated to contain 700 million tons of recoverable Syenite".

PDF 3 —

CONSULTING GEOLOGISTS REPORT; GEOLOGIC FIELD RECONNAISSANCE AND FIELD SAMPLING PROGRAM

By Ricardo Villasenor



This consulting independent geologist's *Table Mountain, Oregon, Nepheline Syenite Prospect* report confirms the very uniform "best use for building" assays of the "Swiss Army Knife" Nepheline Syenite of one square mile, plus, of 20 acre lode mining claims, without drilling, are connected 500 million ton, plus, reserve inside of Table Mountain. This report verified the proven tonnage has a quantity in, "the content of the unique chemistry is very consistent across a large area".

This report was released ***before*** the unique "building" qualities, other than clear glass production, were released into a "trade secret" public knowledge database concerning the magic of alumina powder being after-mixed with pure silica sand.

B. Type of Operation: (lode, placer, mill, exploration, development, production, other)

My Forest Service Regulation 36 CFR 228 compliance for an underground lode mining and milling program goes well past the norm with a ***Minimalist Mining Plan of Action*** by contracting with ECO-Mining-Milling.com to being the operator of record (provided they respect our agreed upon maintaining standards) of a salable product of FoamKrete™ from the Table Mountain Nepheline Syenite lode mining claims.

Nepheline Syenite has become known as an unusual mineral with unique varieties, and depending on the chemistry, that also comes in different colors and matrix formats. Blue-Gray FoamKrete™ style Geopolymer Cement, activated by a trade secret liquid Geosilicate Reagent, is already being marketed as one world-wide answer to the effects of global climate change warming by China and Russia 3D printing low cost housing.

My plan is also based upon recognizing the importance in a "tree hugger state" that the US Department of Agriculture Forest Service's mission, besides managing renewable rain forests that in Oregon have become the US first line in ECO defense by scrubbing prevailing polluted winds out of Asia by generating oxygen.

The ECO aware USFS Pacific Northwest Region Six Mission statement, besides good stewardship of our very much needed National Forests' through local Ranger District Management, includes watershed protection supporting a sustainable natural wealth of salmon; world-class recreational trails potential; the grazing, or harvesting, of an abundance of valuable undergrowth; and of course managing by CFR regulations, "smart mining".

Mining is the only one on the USFS mission list that isn't precisely ECO renewable. That is unless one considers that the plans for the hard-rock of Nepheline Syenite, is to be "repositioned" as affordable rock-solid housing benefiting the environment by fighting climate change.

By reducing a need for a traditional Portland Cement, whose production happens to be the second largest contributor to greenhouse gases, and by using a tilt-up outside wall form built with heavy support timbers, without unneeded re-bar reinforcement (if local building codes allow) from a troubled steel industry, also fighting to meet coming mandated clean air standards.

It also follows that the uniqueness of the Table Mountain deposit demands a re-thinking of how the end product FoamKrete™ will be brought to market.

This is why to me, and individual "prudent man plan" as defined by the US Mining Law of 1872, the only provable economically viable operation is to declare that the Lode Claim operation is directed underground, connecting the already existing "grandfathered" in quarries. Why?:

1) The uniformity of assaying the 300 foot exposed sill surface in a pluton batholitic pipe, which actually could go to great depth, precludes any idea of continuing with an open pit. The angle of repose exploiting a 640-acre (one mile across, plus, the surface visible deposit would lead to an impossible, and very ugly deep glory hole which would consume the whole, iconic, mountain, which could only be reclaimed by a yet-another-crater lake, or by making Newport, Oregon, the worlds largest sanitary landfill.

2) Another uniqueness in the mining procedure disturbing the surface is that there is no need

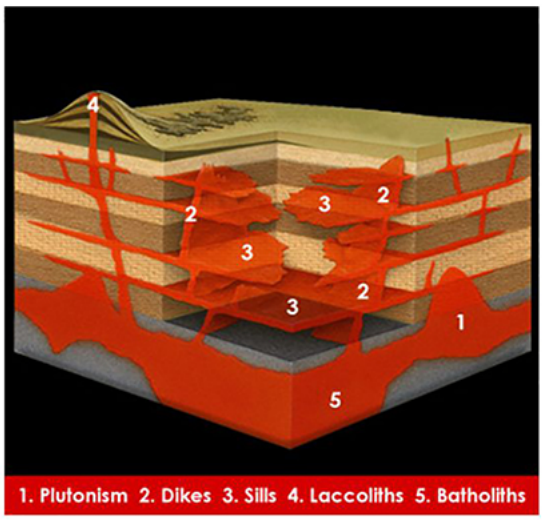
for a tailing dump. What comes out of an underground honeycombed room and pillar network, similar to the mining of the Comstock Lode under Virginia City, Nevada— is all product!

There will be no waste because Nepheline Syenite is also valuable in a collected dust form. Where fan ventilated adits, drifts, shafts, raises, will most likely become an essential part of a non-timbered (no square sets) rock bolt and sprayed "shotcrete" underground safety system.

How Do Minerals Form?

Plutons

As magma moves up it may cool and solidify forming a pluton. Please note that figure 4 at the highest point on the mountain is the Lode Claims Apex Access to underground deposits.



3) And as the haul weights of "ore" off the mountain would not change with crushing and milling, there is no point of operating anything on-site other than a tertiary jaw crusher to a truck loadable size. And that may well be best accomplished underground.

4) Also as the claims have not been core drilled to determine the unseen depth of the pluton pipe, it would be a folly equal to the frontier killing off buffalo for tongue, hump, and hide for a "hedge fund platform pump and dump exploitation" to not consider the ore body could reach a sea level depth at 2,751 feet. And, the basis of any successful mining operation is to use gravity whenever possible.

Where using "out of sight," 2,400 feet of gravity power could become an important factor when competing with Norway's North Cape underground operation which has been contributing to a growing European-Canadian "cartel" output of Nepheline Syenite, allegedly imported unfairly into the US market as a Feldspar replacement.

5) This is why I am asking for approval in lawyer style cautious baby beware steps that will prove a number of valid points to support the start-up of dedicated mining of 250 million tons (out of a proven 500 million) for what will be wholesale marketed by the measured bag after the final milling to a nano soluble size to the affordable housing industry as FoamKrete.com™.

And of course, as conditions change, it may become necessary to come back for a logical extension application that also will meet the wisdom of doing this project transparently RIGHT— which is to mine this Oregon nano mineral material for sale for consumer sale that returns a percentage royalty per product ton, in indexed USD values.

The "Polymath" thinking here is that instead of favoring of Wall Street mining E-hedge fund investors flip trading electric credit default swap leveraged stock certificates whose day-to-day value is instantly reported on the HFT wire, this really should be an Oregon, USA, opportunity.

C. Is this a new, or a continuing, operation: If continuing a previous operation plan and (replaces/modifies/supplements) a previous plan of operations. (check one).

1) I have to check all three 'boxes' as this 640-acre, one mile across property, which has grown to be a large underground proposition. Any other previous thinking of this extremely large, uniform, surface visible deposit, would lead to an impossible, very ugly, deep glory hole which would consume the whole, iconic mountain, which could only be reclaimed by a yet-another-crater lake, or by declaring Newport, Oregon, the worlds largest sanitary landfill.

Mention the State of Oregon, and obviously anything else than a leftist "Green Standard" stewardship parade, will run head-on into an equally loud "Patriots" protest. It is far better for Barry Murray (Mineral Rights) and the local USDA Ranger Station (surface rights) partnership to remain politically and productively neutral in a middle of the road transparent PR position.

D. Proposed start-up date (mm/dd/yy) of operation:

1) This too has chicken and egg ambiguities, and Catch 22 financial commitments. As I am an individual 'prudent man' prospector that needs outside financial backing to succeed in delivering an answer to affordable housing , I really need an acceptance of this Plan of Action to go ahead in what really is a small-business start-up. Once the acceptable reclamation requirements have been made that acceptance date (??/??/year) known, so that will be 'drill day plus 1' for operations to start happening , is decided by the USDA Waldport Ranger —as it should be. This is the reason for taking a simple seven-page form to 40 plus pages, before additions proving what is being offered for $20 per in-place ton, where the closest competitive supply has to be imported from China ($250 FOB per face powder mesh ton), or Russia (FOB $300) who have been pioneering 3D printing of very affordable housing.

E. Expected total duration of this operation:

1) Well-now, as I am 79-years of age looking forward to trust funding projects as a Pacific Crest Trail Foundation (see BarryMurray.com) Rescue Ranch, I hope Miz Bobby and Me's *Worthy Cause Media* will have endowment funding for other USFS trail ideas, and I see a tithing commitment continuing on for a long time by my heirs and assigns.

F. If seasonal, expected date (mm/dd/yy) of annual reclamation/stabilization close out:

1) Other than suspension of surface operations for fire danger, or snowfall making roads difficult or dangerous, working in a constant temperature underground has no season.

G Expected date (mm/dd/yy) for completion of all required reclamation:

1) Since this project may end up with different levels no longer needed except for a controlled USDA mushroom or blue cheese production, it is suggested that the original access quarries might be better reclaimed as a fire fighting reserve reservoir It should be pointed out that as there will be no tailing dump off salable material left behind it would be a comparatively easy task to simply implode a portal to come very close to a return to a natural looking scene.

II. PRINCIPALS

A. Name, address and phone number of operator:

1) Barry G. Murray, 3703 E. Alsea Hwy (or POB 678) Waldport, OR 97394, 503-753-5868

2) At 79-years Barry G. Murray, will also be protecting the value of his mining claims estate by establishing www.ECO-Minerals-Stockpile.net as a closely held trust corporation.

B. Name, address, and phone number of authorized field representative **(if other than the operator) and attach authorization to act on behalf of operator:**

1) Other than the claim holder proposing that AKA www.ECO-Mining-Milling.com (not yet a corporation) join in as a joint venture operator to comply with the decisions made here on a costs plus percentage of output delivered to www.FoamKrete.com who will be passing along product at a wholesale/retail price to FoamKrete™ dealer/distributors in a fair-minded attempt to battle, by location-location-location advantage in the far West, in a trade war with a foreign cartel that hides their Nepheline Syenite building product behind "trade secret" numbers of what is really the chemistry of FoamKrete™.

C. Name, address and phone number of owners of the claims **(if different than the operator):**

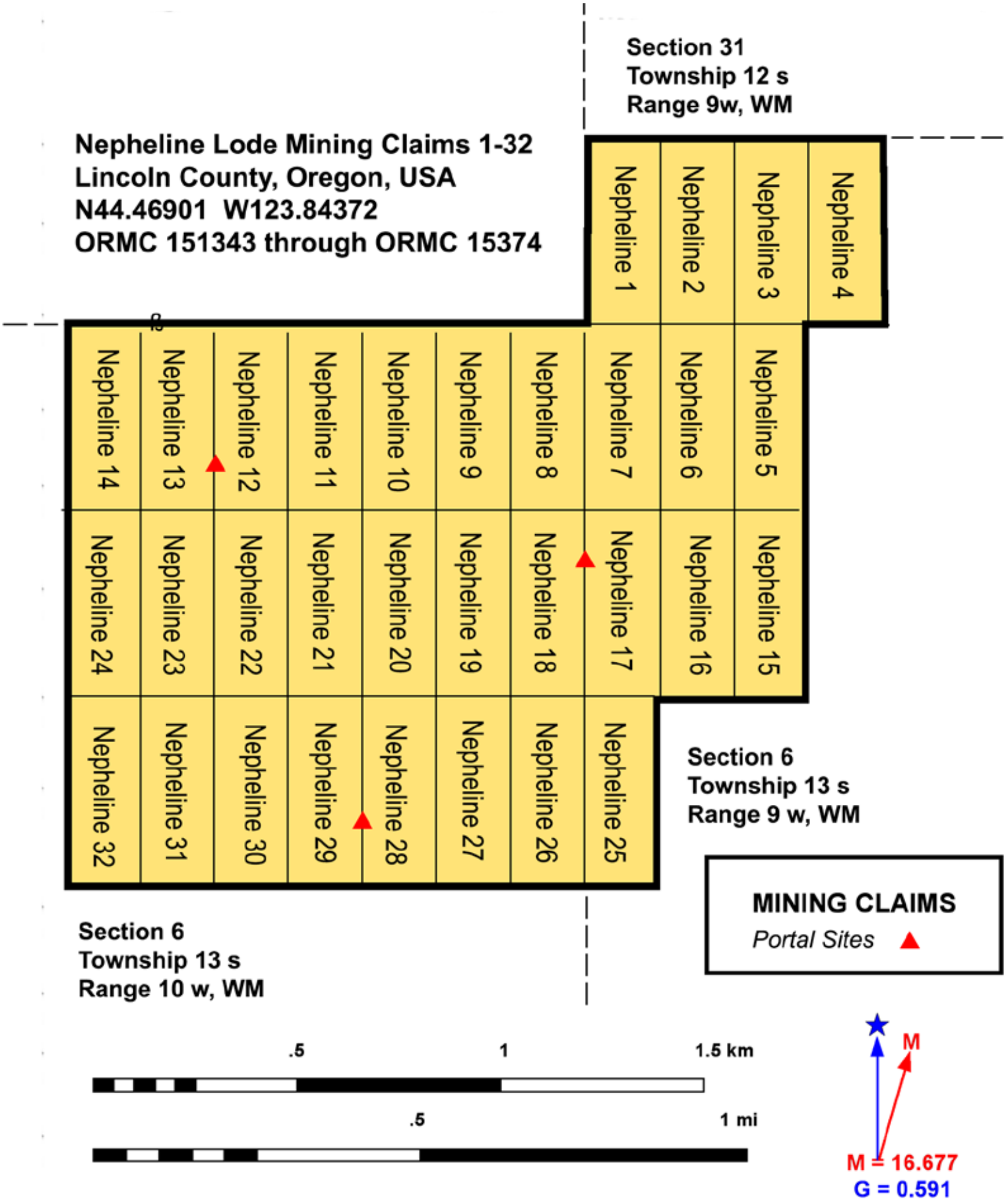
1) At this time the title of the claims is held solely by single signer Barry Murray, 503-753-5868 or a mobile 541-992-6313 which may be texted. It is anticipated that the undivided block of claims which will not be separated or hypothecation, by any-other value units than in-place tonnage. Barry Murray's ownership may be placed into an ECO-Minerals-Stockpile Trust to protect investors of the mineral through a built-in lien upon the title.

D. Name, address and phone number of any lessees, assigns, agents, etc. **(and briefly describe their involvement with the operation, if applicable): different than the operator):**

1) I have not yet finalized any agent percentage agreement other than my daughter heir apparent Bernadette Murray being in control of the Murray Family Trust.

Table Mountain Claims / Lincoln County Book 320, Page 463-494

Mining Claim	ORMC #	Section	Township	Range
Nepheline 1	ORMC 151343	31 & 6	12 & 13 S	Range 9 W WM
Nepheline 2	ORMC 151344	31 & 6	12 & 13 S	Range 9 W WM
Nepheline 3	ORMC 151345	31 & 6	12 & 13 S	Range 9 W WM
Nepheline 4	ORMC 151346	31 & 6	12 & 13 S	Range 9 W WM
Nepheline 5	ORMC 151347	6	13 S	Range 9 W WM
Nepheline 6	ORMC 151348	6	13 S	Range 9 W WM
Nepheline 7	ORMC 151349	6	13 S	Range 9 W WM
Nepheline 8	ORMC 151350	6	13 S	Range 10 W WM
Nepheline 9	ORMC 151351	6	13 S	Range 10 W WM
Nepheline 10	ORMC 151352	6	13 S	Range 10 W WM
Nepheline 11	ORMC 151353	6	13 S	Range 10 W WM
Nepheline 12	ORMC 151354	6	13 S	Range 10 W WM
Nepheline 13	ORMC 151355	6	13 S	Range 10 W WM
Nepheline 14	ORMC 151356	6	13 S	Range 9 W WM
Nepheline 15	ORMC 151357	6	13 S	Range 9 W WM
Nepheline 16	ORMC 151358	6	13 S	Range 10 W WM
Nepheline 17	ORMC 151359	6	13 S	Range 10 W WM
Nepheline 18	ORMC 151360	6	13 S	Range 10 W WM
Nepheline 19	ORMC 151361	6	13 S	Range 10 W WM
Nepheline 20	ORMC 151362	6	13 S	Range 10 W WM
Nepheline 21	ORMC 151363	6	13 S	Range 10 W WM
Nepheline 22	ORMC 151364	6	13 S	Range 10 W WM
Nepheline 23	ORMC 151365	6	13 S	Range 10 W WM
Nepheline 24	ORMC 151366	6	13 S	Range 10 W WM
Nepheline 25	ORMC 151367	6	13 S	Range 10 W WM
Nepheline 26	ORMC 151368	6	13 S	Range 10 W WM
Nepheline 27	ORMC 151369	6	13 S	Range 10 W WM
Nepheline 28	ORMC 151370	6	13 S	Range 10 W WM
Nepheline 29	ORMC 151371	6	13 S	Range 10 W WM
Nepheline 30	ORMC 151372	6	13 S	Range 10 W WM
Nepheline 31	ORMC 151373	6	13 S	Range 10 W WM
Nepheline 32	ORMC 151374	6	13 S	Range 10 W WM



NEPHELINE SYENITE PROSPECT at Table Mountain, Oregon

CBS Receipt: 4238321

Agency Tracking ID: 1534525436

Assessment Year: 2019

Paid On: 8/17/2018

Number of BLM Serial Nr: 32

Total Amount Paid: $4,960.00

Claim Name	BLM Serial No	Lead File No	Case type	Amount Paid
NEPHELINE #1	ORMC151343	ORMC151343	384101	$155.00
NEPHELINE #2	ORMC151344	ORMC151343	384101	$155.00
NEPHELINE #3	ORMC151345	ORMC151343	384101	$155.00
NEPHELINE #4	ORMC151346	ORMC151343	384101	$155.00
NEPHELINE #5	ORMC151347	ORMC151343	384101	$155.00
NEPHELINE #6	ORMC151348	ORMC151343	384101	$155.00
NEPHELINE #7	ORMC151349	ORMC151343	384101	$155.00
NEPHELINE #8	ORMC151350	ORMC151343	384101	$155.00
NEPHELINE #9	ORMC151351	ORMC151343	384101	$155.00
NEPHELINE #10	ORMC151352	ORMC151343	384101	$155.00
NEPHELINE #11	ORMC151353	ORMC151343	384101	$155.00
NEPHELINE #12	ORMC151354	ORMC151343	384101	$155.00
NEPHELINE #13	ORMC151355	ORMC151343	384101	$155.00
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NEPHELINE #15	ORMC151357	ORMC151343	384101	$155.00
NEPHELINE #16	ORMC151358	ORMC151343	384101	$155.00
NEPHELINE #17	ORMC151359	ORMC151343	384101	$155.00
NEPHELINE #18	ORMC151360	ORMC151343	384101	$155.00
NEPHELINE #19	ORMC151361	ORMC151343	384101	$155.00
NEPHELINE #20	ORMC151362	ORMC151343	384101	$155.00
NEPHELINE #21	ORMC151363	ORMC151343	384101	$155.00
NEPHELINE #22	ORMC151364	ORMC151343	384101	$155.00
NEPHELINE #23	ORMC151365	ORMC151343	384101	$155.00
NEPHELINE #24	ORMC151366	ORMC151343	384101	$155.00
NEPHELINE #25	ORMC151367	ORMC151343	384101	$155.00
NEPHELINE #26	ORMC151368	ORMC151343	384101	$155.00
NEPHELINE #27	ORMC151369	ORMC151343	384101	$155.00
NEPHELINE #28	ORMC151370	ORMC151343	384101	$155.00
NEPHELINE #29	ORMC151371	ORMC151343	384101	$155.00
NEPHELINE #30	ORMC151372	ORMC151343	384101	$155.00
NEPHELINE #31	ORMC151373	ORMC151343	384101	$155.00
NEPHELINE #32	ORMC151374	ORMC151343	384101	$155.00

FORM No. 602 – MINING CLAIM AFFIDAVIT.

EC

Owner's name and current mailing address:
BARRY MURRAY
POB 678
WALDPORT, OR 97394

After recording, return to (Name, Address, Zip):
BARRY MURRAY
POB 678
WALDPORT, OR 97394

SPACE RESERVED FOR RECORDER'S USE

Lincoln County, Oregon
09/22/2017 03:54:25 PM 2017-09246
DOC-MICL Cnt=1 Pgs=1 Stn=20
$5.00 $11.00 $20.00 $10.00 $7.00 - Total =$53.00

00140736201700092460010016

I, Dana W. Jenkins, County Clerk, do hereby certify that the within instrument was recorded in the Lincoln County Book of Records on the above date and time. WITNESS my hand and seal of said office affixed.

Dana W. Jenkins, Lincoln County Clerk

NAME TITLE

By _____, Deputy.

MINING CLAIM AFFIDAVIT

(PAYMENT OF FEDERAL FEES OR PERFORMANCE OF ANNUAL ASSESSMENT WORK)

STATE OF OREGON, County of LINCOLN) ss.

I, BARRY MURRAY, being first duly sworn, declare in regard to the following unpatented mining claim ___:

NAME OF CLAIM	BLM RECORDS FOR LOCATION SERIAL NO.	DESCRIBED MORE FULLY IN: COUNTY OF LINCOLN MINING AND MINERAL RECORDS BOOK AND PAGE OR INSTRUMENT OR OTHER RECORDING NO.
NEPHELINE #1 THROUGH 32	ORMC 151343-374	Book 370, PAGE 463-494

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

PAYMENT RESULT

Home → *Claims Search*

The payment processing authority has indicated successful acceptance of your payment information

Agency Tracking ID :	1502903071
Transaction Date :	2017-08-16
Transaction Amount :	$4960.00
Number of claim(s) :	32
Lead Serial Number :	ORMC151370
Cost Center State :	OR

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III. PROPERTY OR AREA

(Name of claim, if applicable, and the legal land description where the operation will be located.)

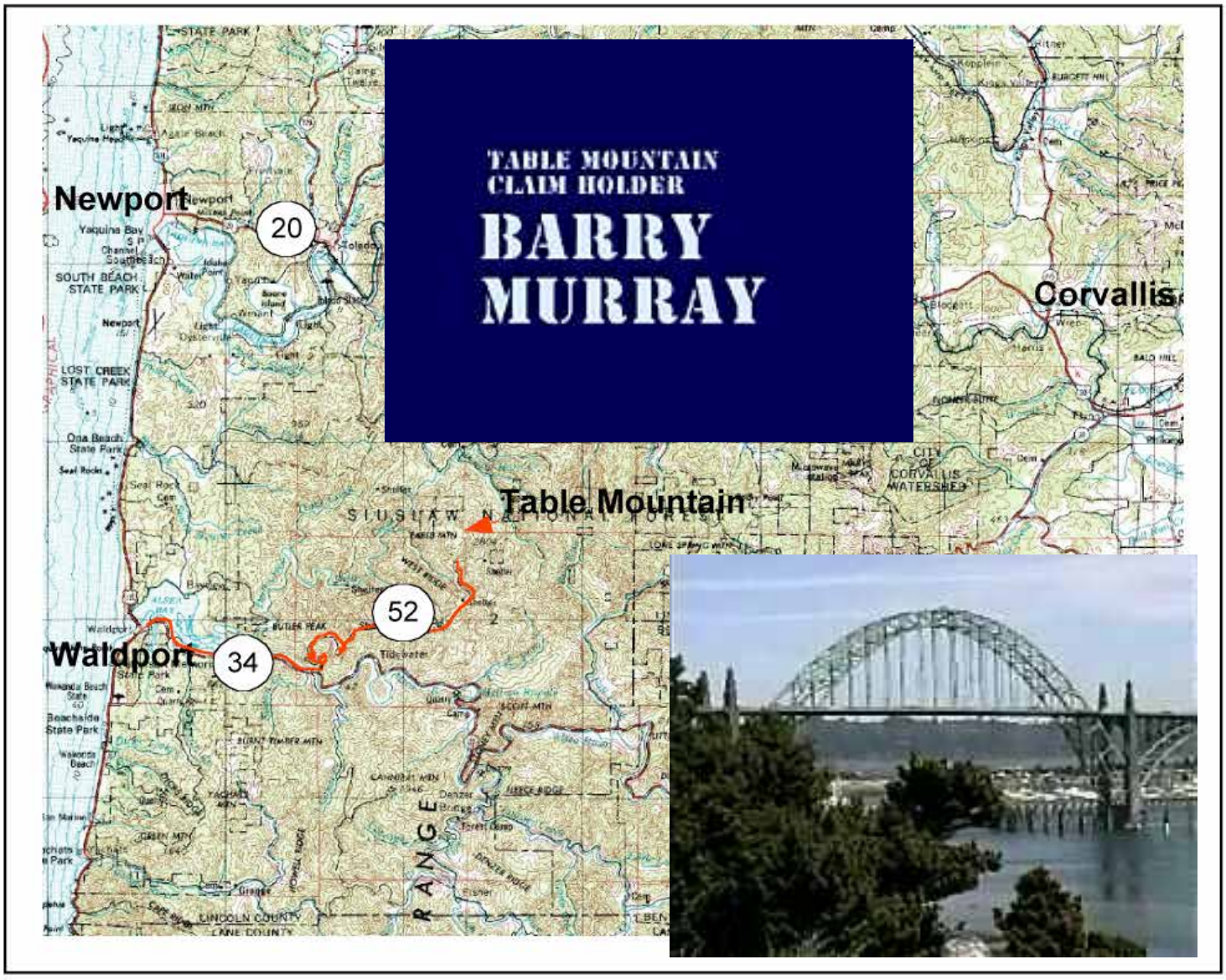
IV. DESCRIPTION OF THE OPERATION

A. Access. Show on a map (USGS quadrangle map or a National Forest map, for example) the claim boundaries, if applicable, and all access needs such as roads and trails, on and off the claim. Specify which Forest Service roads will be used, where maintenance or reconstruction is proposed, and where new construction is necessary. .

1) This project will be asking for a commercial use permit on USFS 52, designated further by signposting leading north off of State Highway 34, as the Tidewater-Toledo Road.

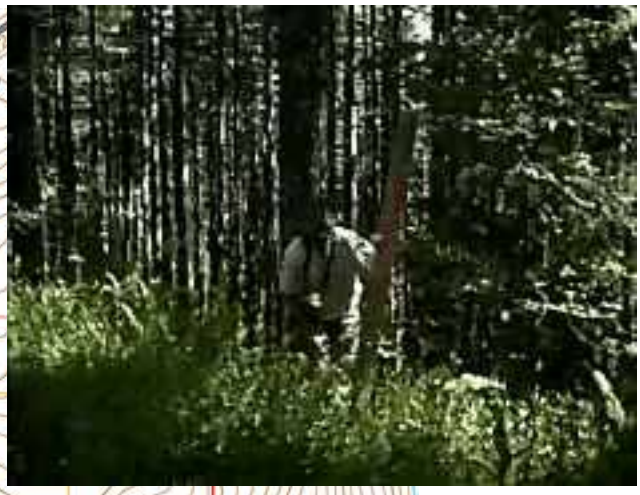
2) And ECO-Mining-Milling will also need to access the USFS 52 spur 210, the traditional-road the East Quarry, and now leading to the microwave tower, the State of Oregon sheds.

Click Video 1 to start traveling...▼



Click Video 2 to continue traveling...▶

Click Video 4 to start traveling...▲



Click Video 3 to start traveling...▲

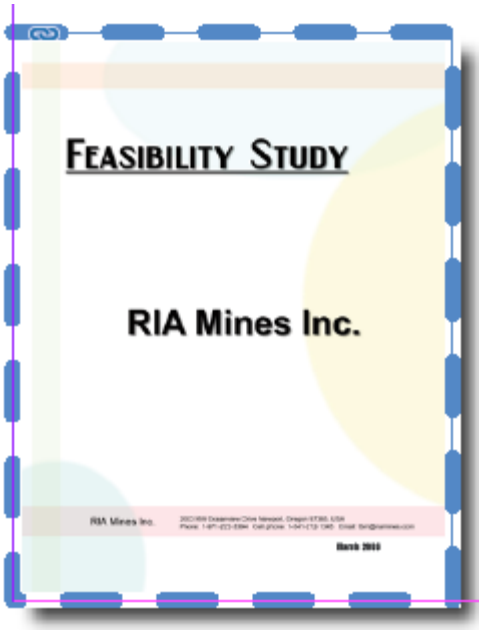
▲To continue traveling Click Video 6

Click Video 5 to arrive at the WestQuarry▲

Click Video 4 to start traveling...▲

Click Video 7 to arrive at West Quarry...▲

▲...Click Video 8 to arrive East Quarry via 52 spur 210, or 212



3) The videos shown above was supposed to be in support of a previous "Plan of Action?" by RIA Mines Inc., based soley on their option to purchase the claims upon approval. The high priced lawyers and accountants did not want the claim holder to be involved in their process of taking over control of their corporation and unproven spin-off ventures. So they stiffed me, the "Prudent Man".

I was told by one of the "initials after their name" professionals that my open approach was unprofessional. That may be so to the accountants, who designed the spreadsheet, but I saved the claims from being declared "null and void" for being common variety, by defaulting my contract for RIA not complying with USFS CFR Regulations. USFS [1]; State of Oregon [0].

4) Access and Exit, continued.

At this time going beyond the weight and size of logging trucks the road was really built for will depend upon adopting creative methods and scheduling traffic on a single lane road with few turnoffs. Perhaps with one-way hours signaling that a truck convoy will be following.

When production begins to exceed the safe capacity of using Forest Service 42 to a depleted rock quarry area in Waldport, or a facility on the Siletz owned rail, barge, and trucking center at Toledo.

A group of Swiss companies have constructed an electric dump truck that gets loaded at the top, unloads at the bottom, and drives up empty. Therefore, the gravitational energy that the truck experiences on a typical drive is greater when it is going downhill than when it is going uphill. A petrol or diesel powered truck must use it's brakes to maintain a safe speed as the truck travels to the the mill site at a lower altitude— but electric vehicles have regenerative braking, which recharges the vehicle and restores some of its range. An electric dump truck, moving its load from an elevated site to a facility downhill, could hypothetically be powered entirely by regenerative braking, as the increased gravitational energy translates into more electricity through the regenerative braking system.

I may be back with a proposal to use Mining Law of 1872 Mill sites to support a simple zip, or tram line towers, which would also generate battery charging power holding a load from "running away" in a Zorba The Greek event.

Or I may come back with a proposal that the WWI Spruce railroad grade (now FS 52) be brought back to life with a no-spark diesel-electric engine, as a joint venture where Table Mountain Mined materials; FS and private timber farm sales; and a tourist attraction could all be supportive to all mixed uses, including educational recreation.

One twist for both proposals, tram or train, could be a mountain bike station where Aspen ski resort style bike trails as found in Moab, Utah, would have a donated rough Nepheline cemented graveled trails (to prevent erosion) of rated difficulty, to make world-class recreational runs off a scenic mountain through a living rainforest to reach the sea.

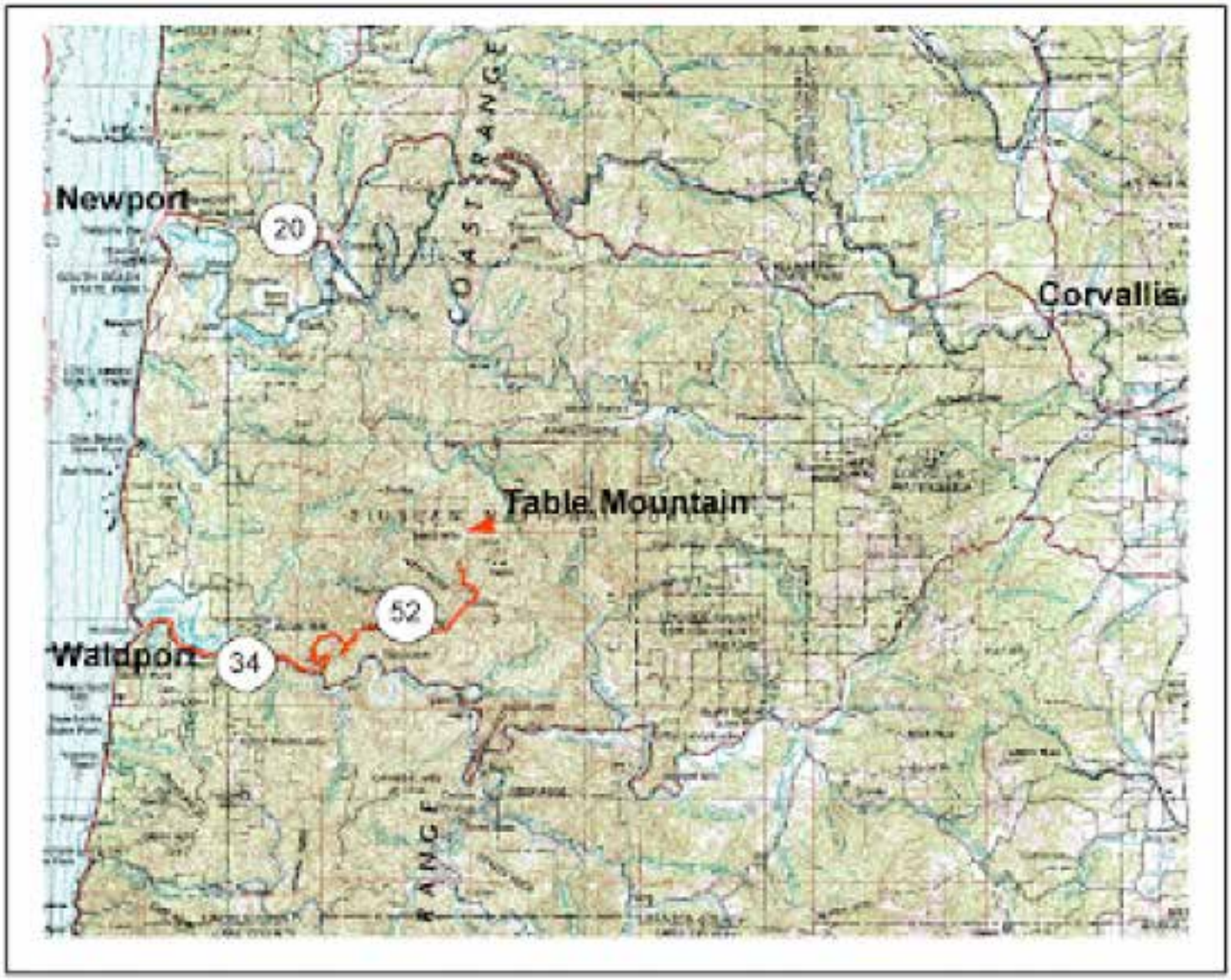
What I would like to add here is experiencing this rainforest is an adventure of a lifetime.

IV. DESCRIPTION OF THE OPERATION

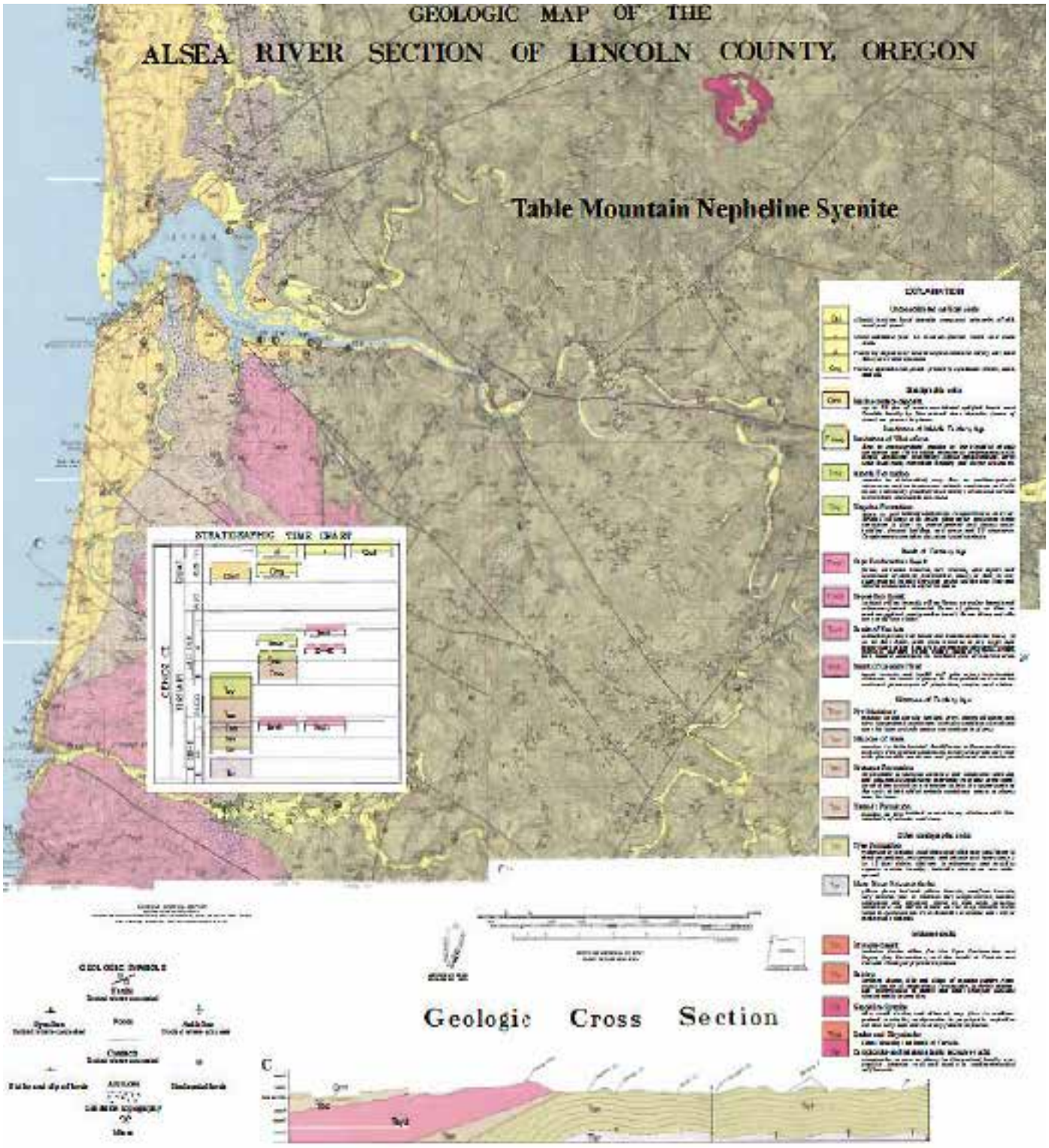
A. Access. Show on a map (USGS quadrangle map or a National Forest map, for example) the claim boundaries, if applicable, and all access needs such as roads and trails, on and off the claim. Specify which Forest Service roads will be used, where maintenance or reconstruction is proposed, and where new construction is necessary. For new construction, include construction specifications such as widths, grades, etc., location and size of culverts, describe maintenance plans, and the type and size of vehicles and equipment that will use the access routes.

1) This project will be asking for a commercial use permit on USFS 52, further designated by signposting as the Tidewater-Toledo Road.

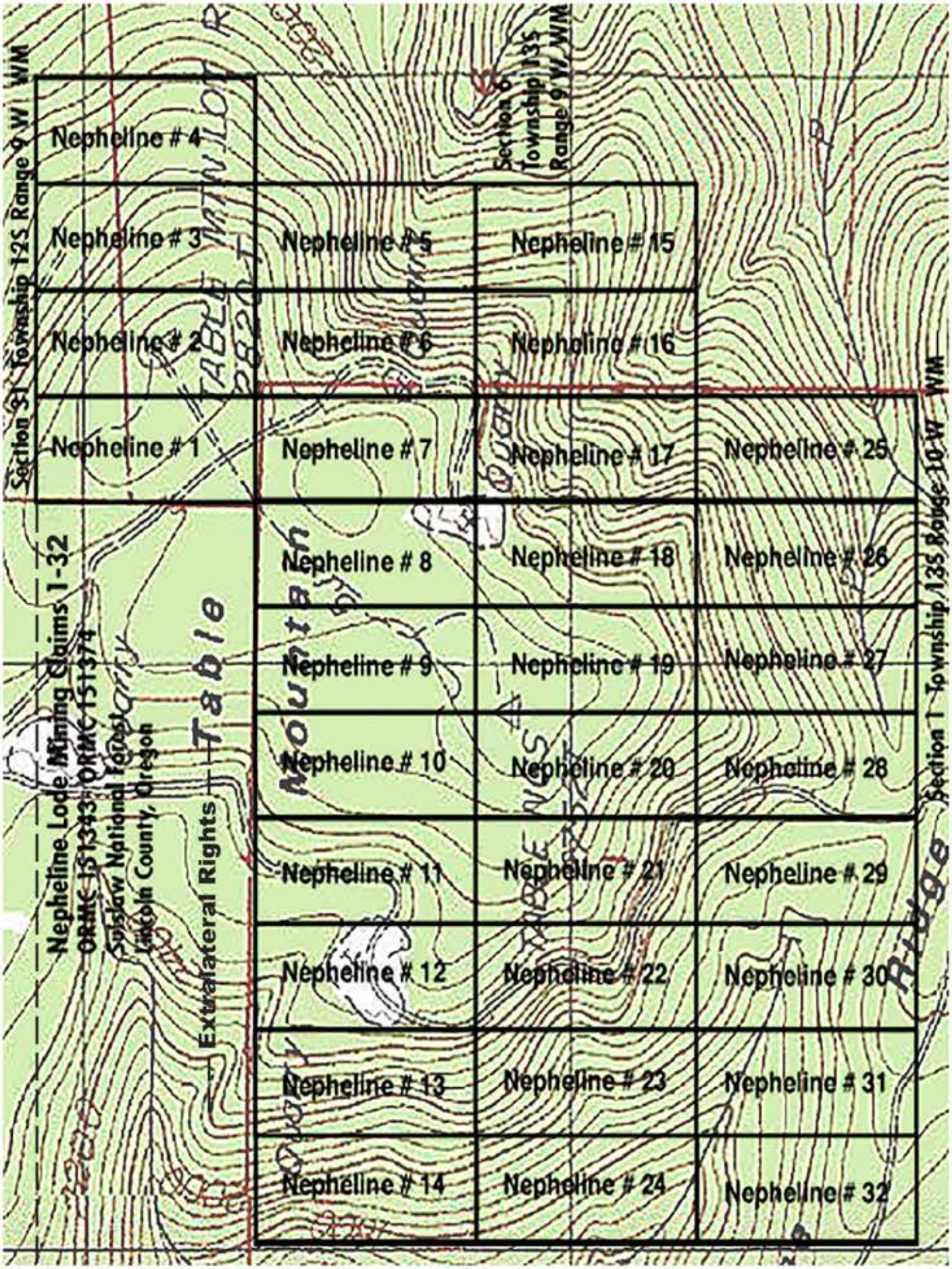
2) And ECO-Mining-Milling will also need to access the USFS 52 spur leading to the micro-wave tower, the State of Oregon sheds, and beyond to service the east quarry portal site. If this blocked, I may have to come back with a new construction route. As it is right now the quarry road past the end of the buried electric line will need some rehab by brushing and blading.



GEOLOGIC MAP OF THE ALSEA RIVER SECTION OF LINCOLN COUNTY, OREGON

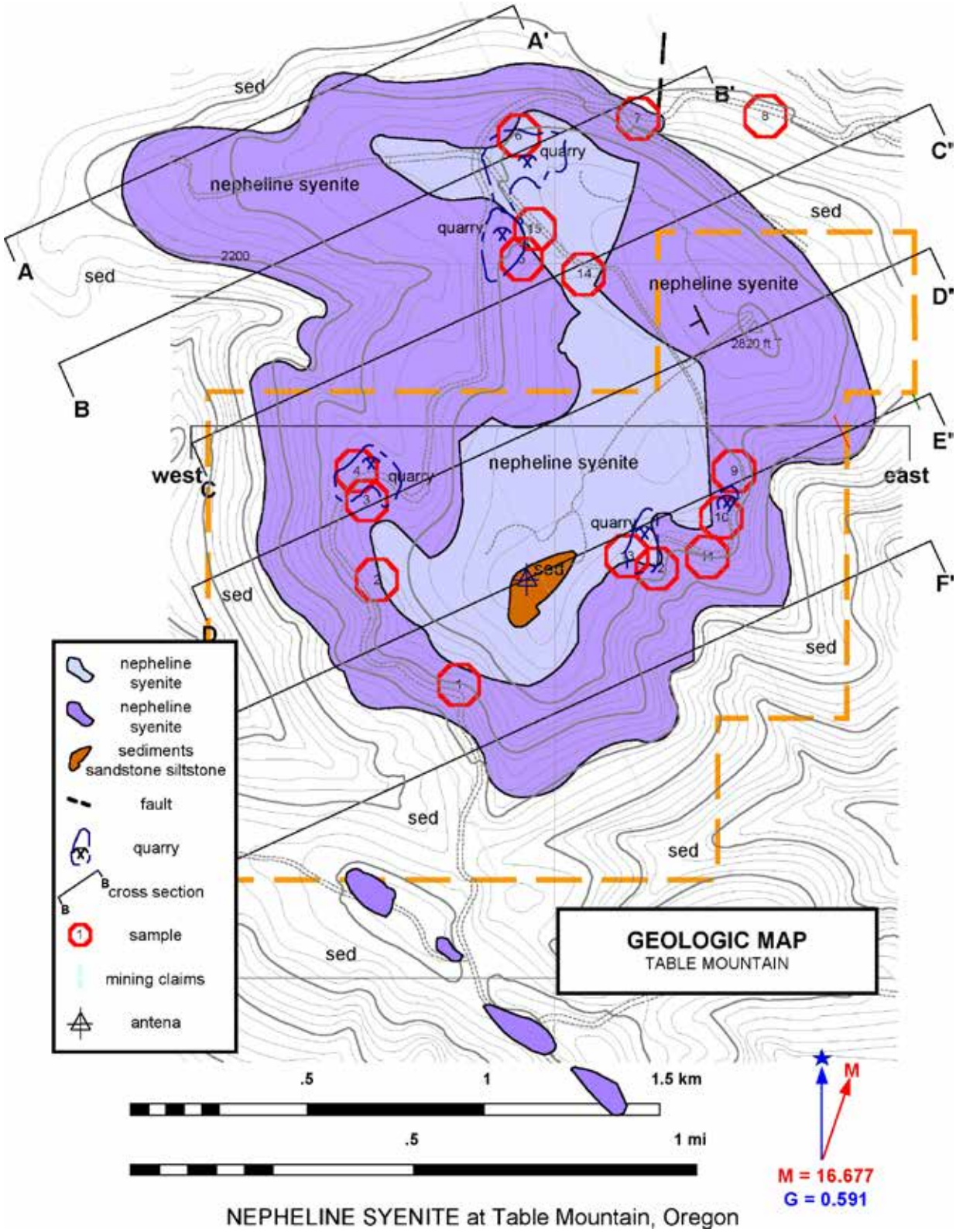


B. Map — Claim Map on file with BLM ORMC Lead for 151343



C. Project Description. Describe all aspects of the operation including mining, milling, and exploration methods, materials, equipment, workforce, construction and operation schedule, power requirements, how clearing will be accomplished, topsoil stockpile, waste rock placement, tailings disposal, proposed number of drillholes and depth, depth of proposed suction dredging, and how gravels will be replaced, etc. Calculate production rates of ore. Include justification and calculations for settling pond capacities, and the size of runoff diversion channels.

1) Exploration Methods



NEPHELINE SYENITE at Table Mountain, Oregon

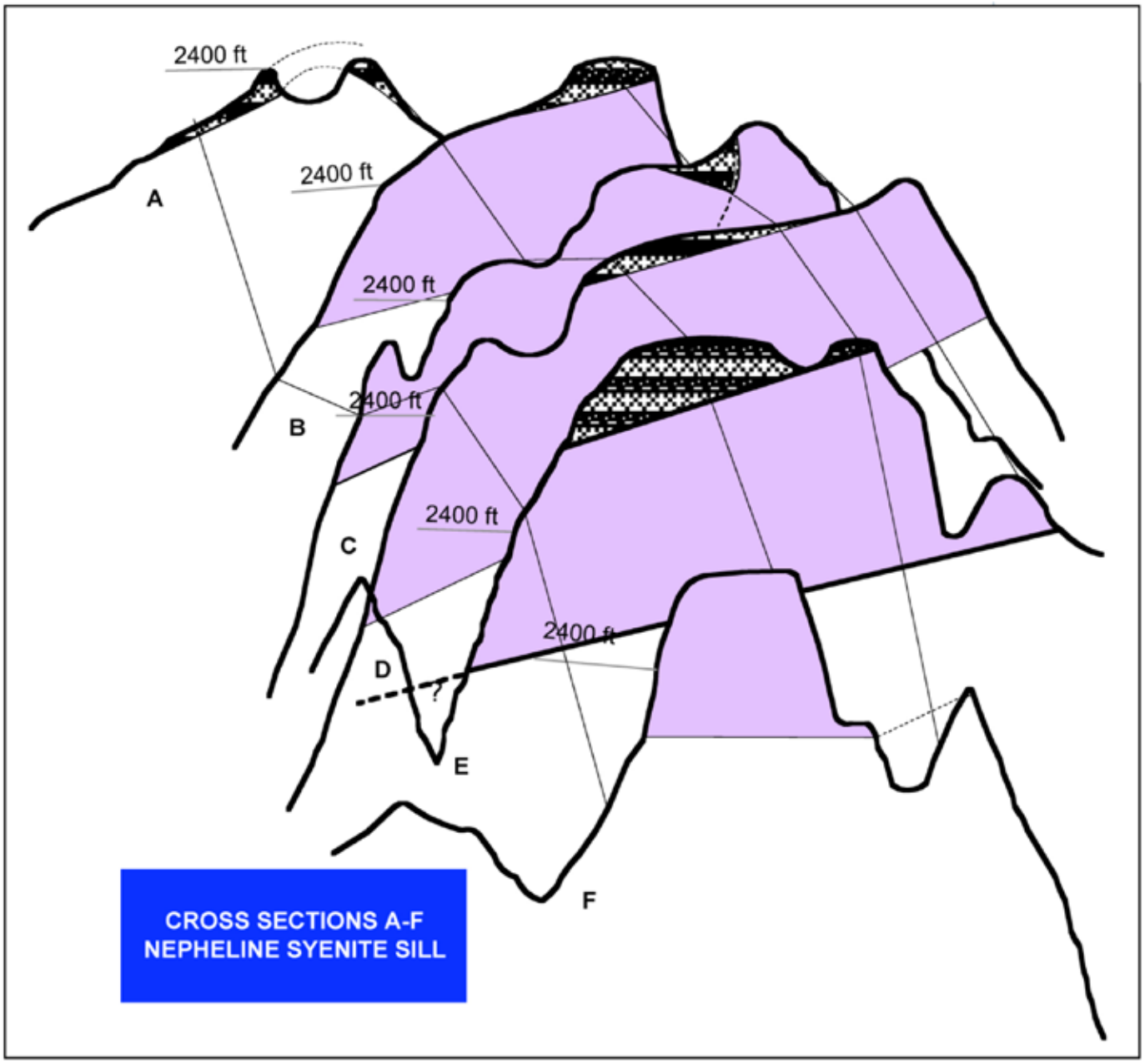
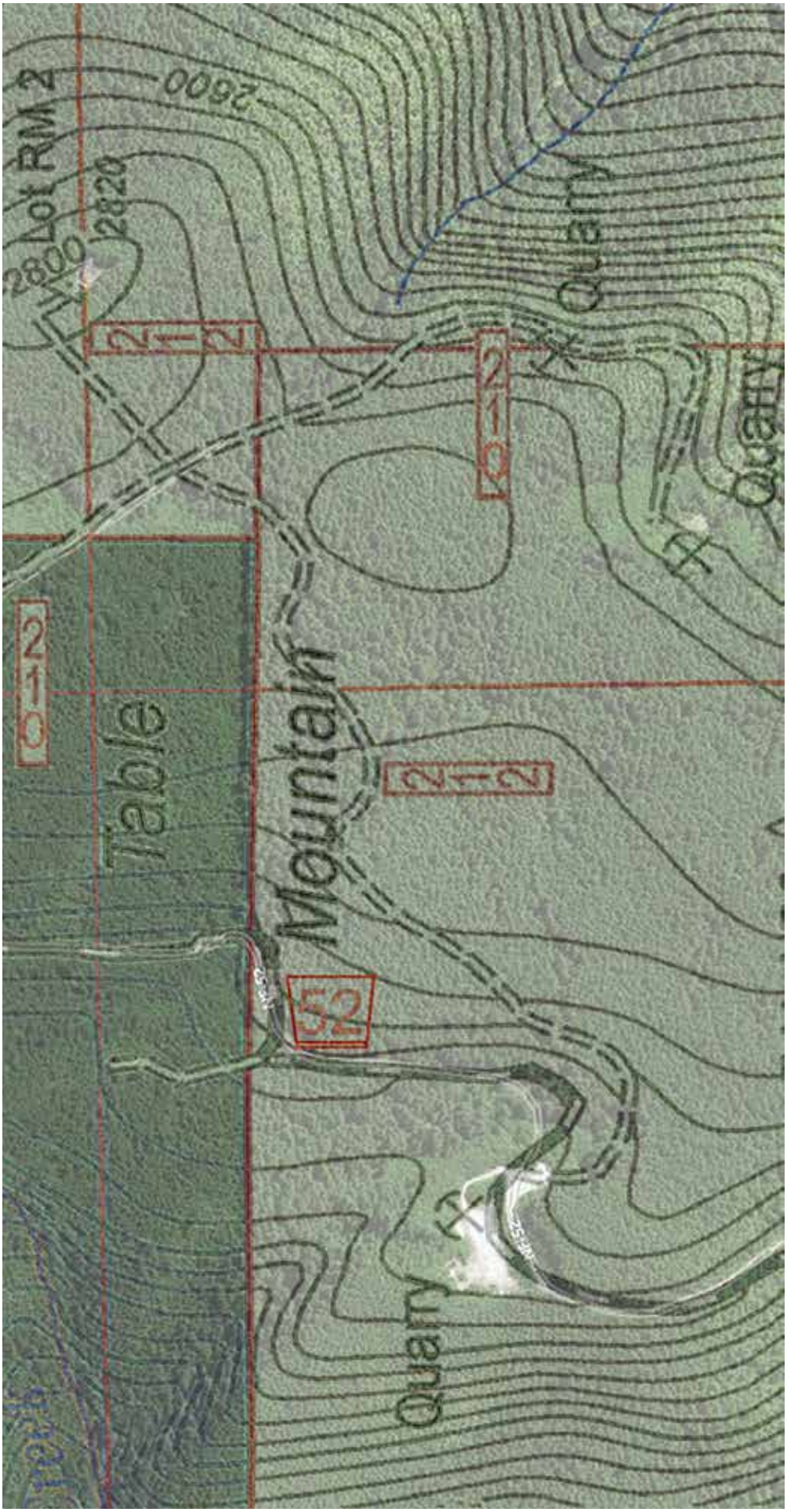


Photo of the SW quarry (open pit) showing the upper part of the nepheline syenite sill at Table Mountain, Oregon.

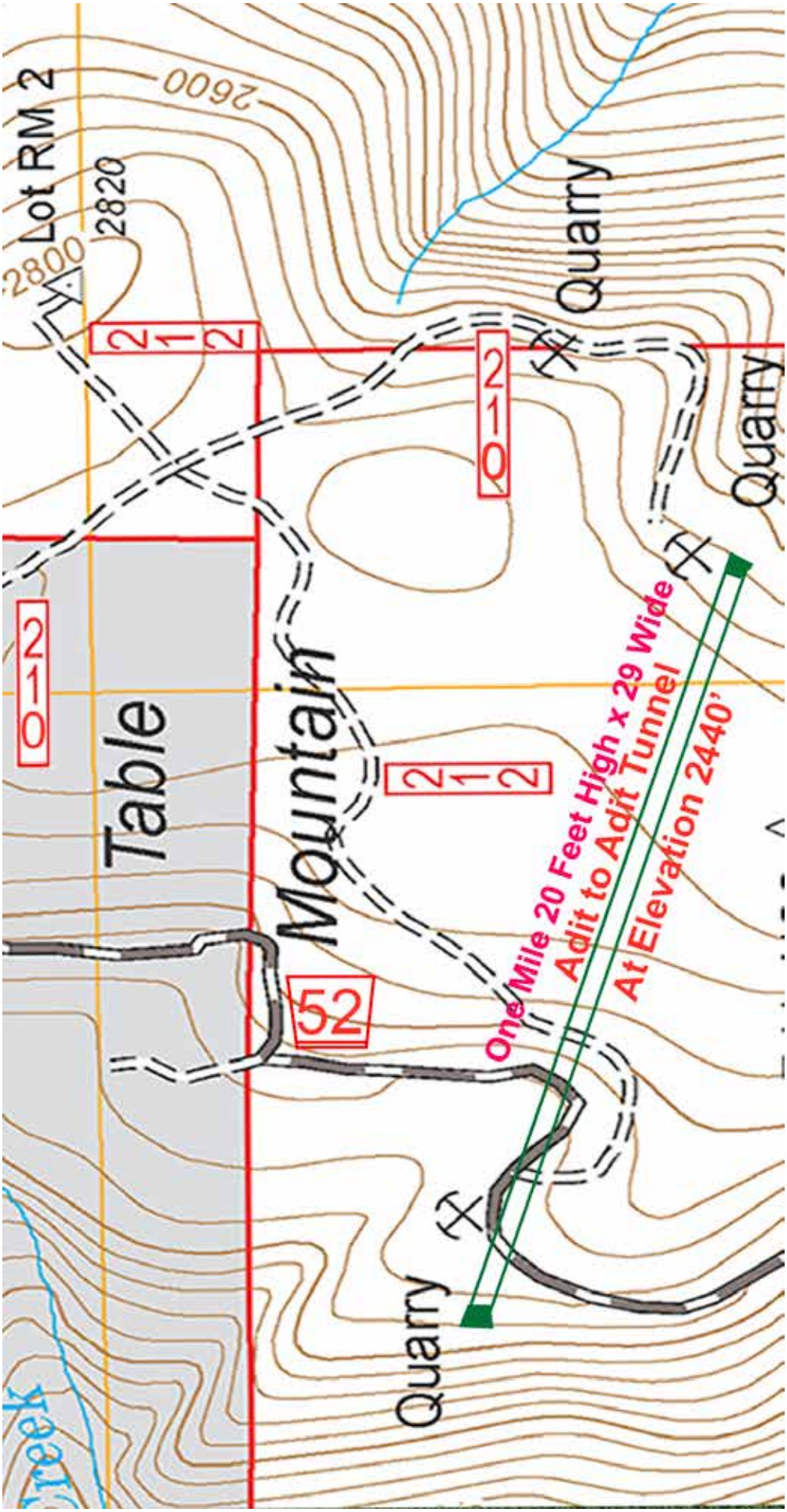
This Geologists report photo of a cross section level open pit, shows why "Portal West", on Nepheline Claim #12 needs to start from a safer 2640 ft level than the existing 2680 ft quarry floor.

2) Who could have predicted that my 1950's experience in a United States Air Force Photo Reconnaissance one-step above Top-Secret Intelligence unit working with aerial mosaics, which were used as a base for topographic base intergeneration output for target manuals carried in a safe aboard B-47 atomic bombers — would come in so handy in the battle against Climate Change in the green mining of the nepheline syenite showing here — when properly mined and milled as a clean air, affordable housing answer marketed as FoamKrete™.



3) I was particularly delighted, and totally impressed with the quality of the US Forest Service maps recently published a digital topographic series— far more useful than the outdated USGS Quadrangle (Tidewater) I used as a base for my early claim map.

The slight discrepancies between the photo base, and established brass caps in this topo overlay has to do with the fact that even satellite imagery has to deal with a distortion of axis yaw.



4) This plotting of the proposed adits, connecting in a room and pillar midpoint ,thanks to these turn on, or off, quality layers of the recent US Forest Service recently published digital topographic series far more useful than the outdated USGS Quadrangle (Tidewater) I used as a base for my early claim map.

And, as demonstrated in a few pages, a geographical contour map is a huge improvement defining access roads, and spurs, in a planimetric "fire map."

The slight discrepancies between the photo base, and the established brass caps overlay has to do with that even satellite imagery has to deal with a distortion of axis yaw.

Professional Papers

1) Underground Mining Methods.

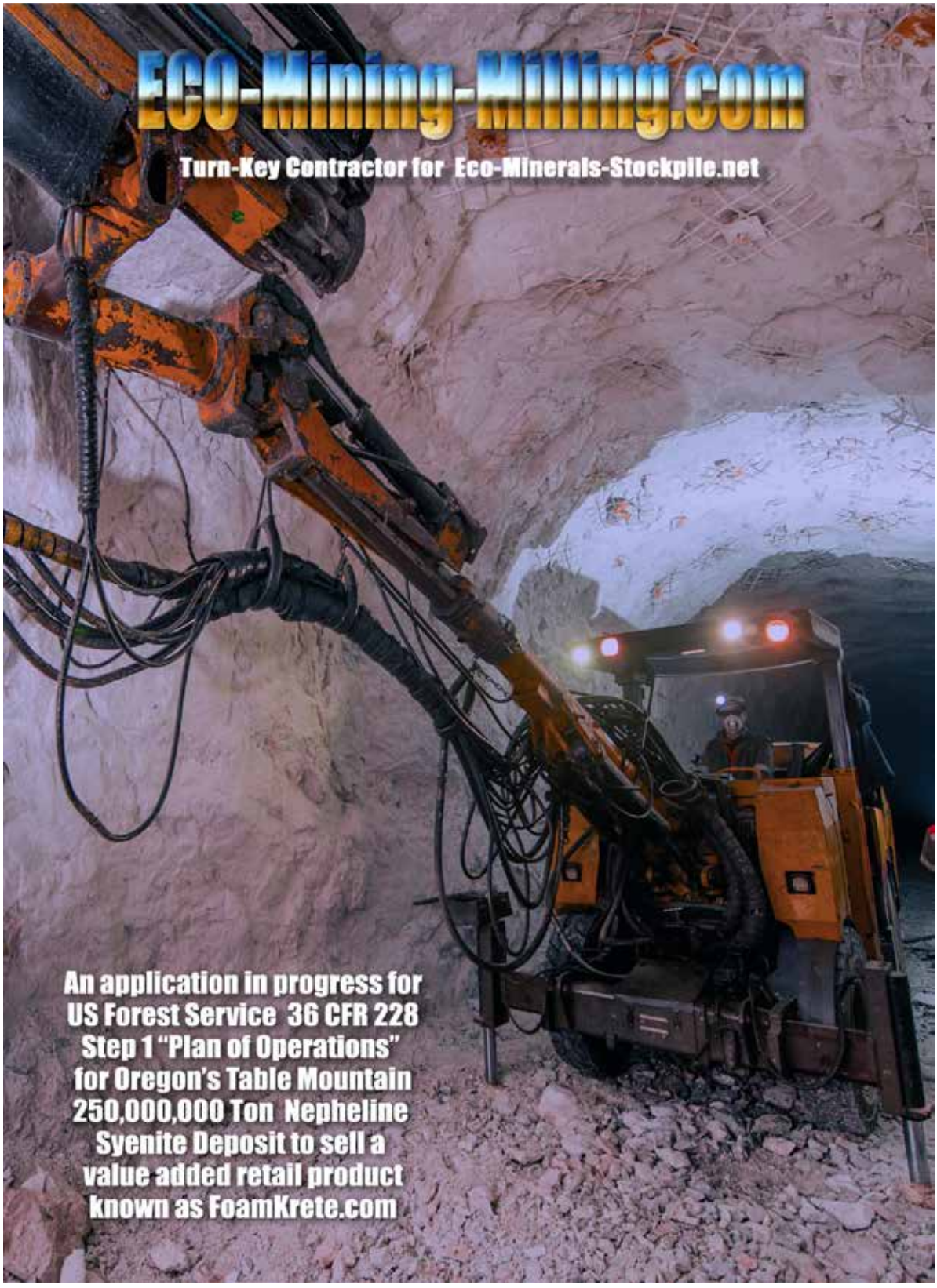
2) Underground Room and Pilars.

5) This exposure of the plouton sill, referred to as the GP quarry, is interesting when it comes to plotting proposed adit portals. Unfortunately the hanging wall exposure, here, the largest showing on Table Mountain is at the northern end of the Nepheline claims mineral rights, which through the apex law concerning extrallereral claim block "real property" rights, meeting up with fee simple "real estate" on the school section 36, sold to start up Oregon State College (now University) which did not come with any mineral rights.

This gray area meeting could easily be solved with a with a joint venture where their cardboard plant in Toledo also processing an already clear-listed use of Nepheline Syenite rock wool, as being manufactured in Europe, and China. As this insulation is twice as effective as the "pink Stuff" but harder to ship perhaps one answer would be rigid cardboard containers designed to slip in-between studs (18 or 24" centered studs, or perhaps be part of shop built tip-up wall system.

This "x-ray" face at an elevation of 2,600, or 240 feet above the W1 and E2 portals at a more solid 2,440 feet. The exposing an unexpected amount of jointing through weathering connecting in a room and pillar underground operation is a little too close to the surface for anything but a quarry. What would be needed for the wood products company to partner with ECO-Mining-Milling for nepheline syenite suitable for rock wool would be to take the floor down to connect with a N-S tunnel intersecting with the E-W adits in the center room.

6) The contractor hired by the end user distributor of Foam-Krete™ will be responsible for the hiring of the separately owned and controlled ECO-Mining - Milling Contractor working on a cost plus 10% basis they should be considered as (under a strict checks-and-balance system) the authorized operators of the claims.



As many of the Project Description questions fall into their purview, is important these answers come directly from a prudent ECO-Mining - Milling Management system.

7) I am answering as an individual "claim holder as, defined by the US Mining Law of 1872. To me the only possible economically viable operation is directed underground, connecting already existing "grandfathered" in quarries.

8) The uniformity of assaying the 300 foot exposed sill surface in a pluton batholitic pipe system, which actually could go to great depth, precludes any idea of continuing with an open pit. The angle of repose exploiting a 640-acre (one mile across, the surface visible deposit would lead to an impossible, and very ugly deep glory hole which would consume the whole, iconic,

mountain, which could only be reclaimed by a yet-another-crater lake, or by making Newport, Oregon, the worlds largest sanitary landfill.

9) Concerning "big" mining's addiction to corporate bean counter's open pits cost projections by using massive equipment in "my Oregon" backyard? My answer is:

10) Another uniqueness in the mining procedure disturbing the surface is that there is no need for a tailing dump. What comes out of an underground honeycombed room and pillar network, similar to the mining of the Comstock Lode under Virginia City, Nevada, is all product.

There will be no unsightly waste because Nepheline Syenite is valuable in a collected dust form. Where fan ventilated adits, drifts, shafts, raises, will most likely become an essential part of a non-timbered (no square sets) rock bolt and sprayed "shotcrete" underground safety system.

11) And as the haul weights of "ore" off the mountain would not change with crushing and milling, there is no point of operating anything on-site other than a tertiary jaw crusher to a loadable size. And that may well be best accomplished underground.

12) As the claims have not been core drilled to determine the unseen depth of the pluton pipe, it would be a folly equal to the frontier killing off buffalo for tongue, hump, and hide for hedge fund platform exploitation to not consider the ore body could reach a sea level depth of 3,000 feet, and that the basis of any successful mining operation is not destroying access to deeper ore.

13) Where using "out of sight," 3,000 feet of gravity power could become an important factor when competing with Norway's North Cape underground operation which has been contributing to Unimium's growing European / Canadian output of Nepheline Syenite imported unfairly into the US market.

of a non-timbered (no square sets) rock bolt and sprayed "shotcrete" underground safety system.

12) And as the haul weights of "ore" off the mountain would not change with crushing and

15) This is why I am asking for approval in steps that will prove a number of valid points to support the dedicated mining of 250 million tons —out of a proven 500 million tons What will be marketed to the affordable housing industry as FoamKrete.com, upon meeting bonding and insurance requirements, and USFS suggestions, these steps would follow :

A) Prepare both the East and West Quarries by contracting for a traditional surface operation to lower both, no more than 40 feet, on portal W1 to expose a solid hanging wall suitable for two side by side reinforced adit portals, without disturbing the forest above. The floor on the also existing E1 quarry would need to be lowered 160 feet to enter into the mountain at a safe overhead ratio.

B) The only other surface disturbance would be rescuing the East Quarry spur road 210 off of FS 42 past the microwave tower, and State of Oregon storage shed and backup generator in case the buried electrical lines were accidentally cut by logging on the school section private property. Or perhaps reestablishing FS 42 - 212 if any use of 210 is in conflict with the tree farm next door.

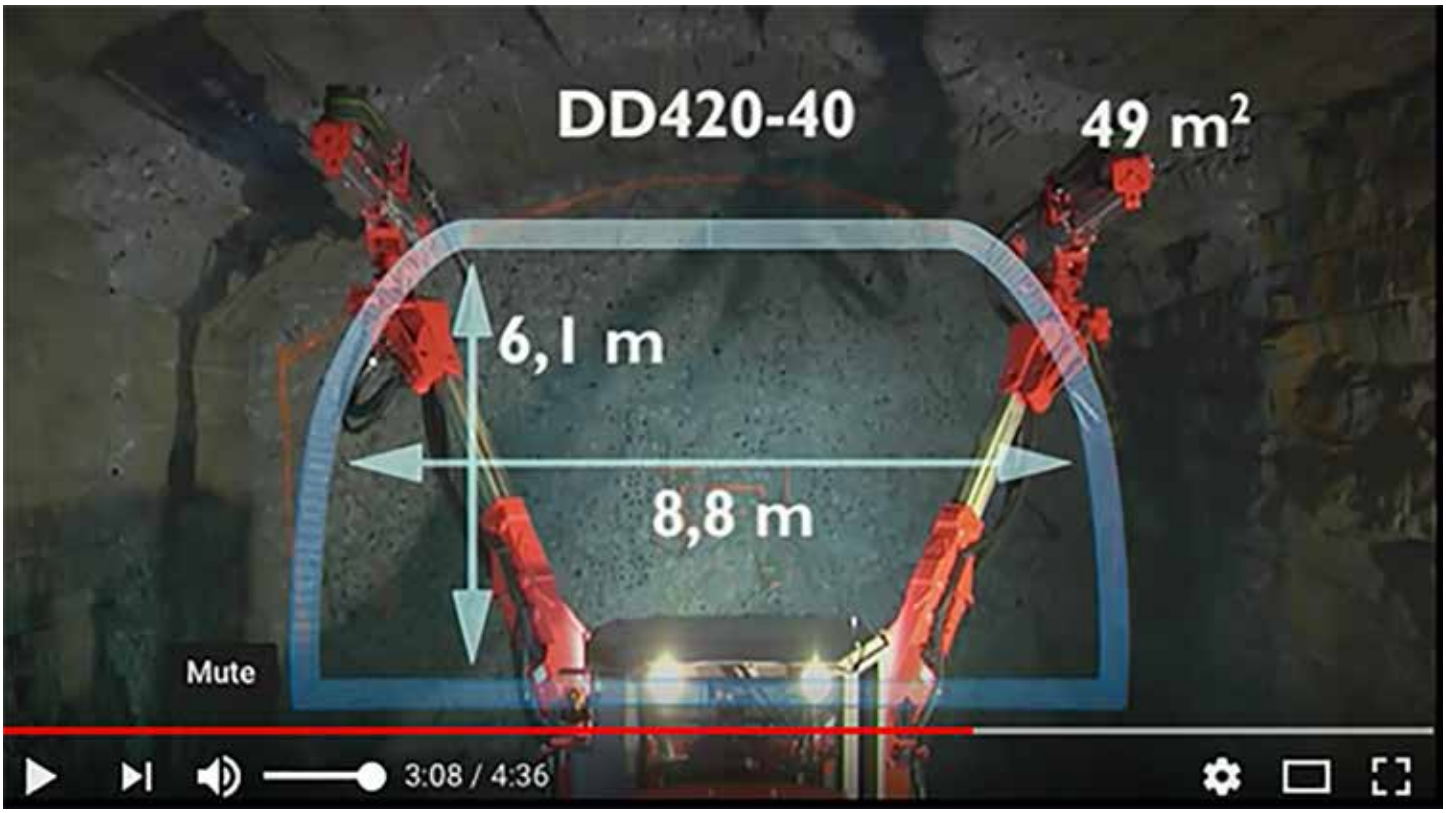
C) When connected by driving adits on an E ??º S (or W ??º N) 2,440 feet level, from exact favorable locations will provide a fan-driven ventilation tunnel to meet, and exceed, OSHA standards protecting miners from the danger of siliceous of the lungs. The precision math will be

determined when both portal floors have been prepared.

D) Shortly following the start of the first adit to double check the rock mechanics of a Moh's six hardness, with widespread jointing, by actually doing the optimal width and height for introducing state-of-the-art horizontal trackless drill platforms, called jumbos.

E) As the American mining equipment industry has either been taken over by foreign corporations, or simply fallen behind, this 20 feet high x 29 feet wide drift will probably have to be accomplished by imported machinery that comes with foreign engineers. My underground experience in the 1950's to 1980's is outdated by the simple use of jack-leg drill patterns for blasting. So, at 79-years of age — 63 of them spent in mineral exploration— I am going to put down my single jack hammer and drill, to let a computerized competent, underground experienced "mining engineer" do the grunt work. I am hoping that my start-up ECO-Mining-Milling will be able to update how other hard rock mines listed at www. WesternMiner.com (none right now) will comply with CFR regulations, instead of using the "pump and dump" bankruptcy failures to fleece shareholders who are told, "It's all the bureaucratic Forest Services stupid permitting fault"!

My trying to keep current is why I can be proud in understanding that the twin booms shown here are preparing to use modern rock bolts instead of old-fashioned timbering, which saves trees. Notice the strength of the arc. And an ironic twist here will be to collect the drilling



dust to mix with Portland cement to formulate a "spraycreted" layer of a super strong Foam-Krete™.

F) And as my plan of mining action depends upon 20 feet high x 29 feet wide drifts, instead of following a narrow, rabbit hole, twisting, pinching or swelling vein of perhaps unproven gold. The Table Mountain situation calls for a well thought out classic room and pillar program.

G) Again Following the latest in technology in being electrical powered underground, includ-

ing LED lighting. A parallel, or twin, adit will be started to determine a safe width between the two of what would remain as a supporting pillar and rooms.

H) Another trial "room" will be put in as a secure powder-house, within the vision of the Class A motor-home solar-powered office and full-time watchman's quarters parked in the what remains of the USFS contracted gravel stockpile that came from the Table Mountain Claims used to maintain FS 42, the Tidewater to Toledo Road.

It should be noted that, especially with a state-of-the-art trammer Jumbo drilling platform, that with computerization it will be easyily able to drill a well-thought-out precise blasting pattern. I am hoping that a state-of-the-art certified blasting expert I know very well from my Utah days (who just happens to be a Mormon female) will be able to formulate a package implosion that resulted in rock that can be loaded without a jaw crusher on, or in, the mountain.

Unfortunately, my underground experience back in the 1900's prefers a 60% nitroglycerin dynamite for the center "shattering" cutters working down to a lesser percentage of TNT delayed lifters. Perhaps an updated use of Prilled Ammonia Nitrate may be cheaper, but I feel the threat to Homeland Security through domestic terrorists is not worth the savings, and apparently, we have newer non explosive chemical demolition agent systems as Dexpan® out of Texas, that comes with a customized drill hole pattern. Or other imported smarter-cheaper-better systems(?) available today. Blasting is something that does need to be managed by a licensed professionals.

And, and as 3M and Uniman both have both been experimenting with sprayed Nepheline Syenite becoming a hardened replacement (as my Scottish MacAdam something-great-grandfather developing asphalt as a "Macadam road") I am of the mind to contribute Nepheline Syenite, once again, experimentally, in the form of FoamKrete™ to the betterment of the Tidewater to Toledo Road maintained by the USFS surface use "partner", beyond what is requested for road use license fees.

C2. Project Description. Continued...

I) Workforce,.

— As much as I would like to promise labor intensive JOBS to solve political problems, the nature of the work demands the turn-key contracting of (or developmental training of) teams that have a high since of morale working together underground in safety. I know this from my experience at age 29 running a crew of 27 in wilderness Alaska, with a 3 month budget of $250.000 for Homestake Mining. Consequentially the "Boss" will be a 'Director of Project'.

J) Construction and Operation Schedule,

— Here I will wisely answer while still working on the variable, "quién sabe." This from the jungle of the Dariean Gap in Panama where my Choco´ Indian crew that knew very few words in Spanish. The other phrase we all becaame well acquainted with was a morale boosting "veintiuno" or 21 game of cards where I stupidly lost a number of Bic lighters, and only won ordinary hand woven storage baskets in return. No, I did not exploit my crew as Spain had done. I showed my feeling on this by a Saludos de regalo gift of a Coleman Gas Lantern we played under each night when I left by dugout canoe after a delightful six weeks adventure with new found amigos.

K) Power Requirements

— As a noted advocate of solar, most likely the "camp" will be an example of fighting global warming. I have made no inquiries on what it would take to tap into, or upgrade, the underground power source that supplies the microwave tower on the claims that really solves any WI-FI communications. And I intend on limiting the load on a propane powered generator in the future by Alt Energy using the gravity advantage of moving rock under control of a governor to safely hold back a load, by generating energy.

L) How Clearing will be accomplished,

— Hopefully, when brushing out the existing quarries and the overgrown 52-210 or 52-212 of non commercial growth, ECO-Mining-Stockpile will be able to contract with the local, CCC style Job Corps, to make it easier for the USFS to remove sell-able trees that may be a threat to a work area.

M) Topsoil Stockpile,

— Given that the photo of the private "Tree Farm " quarry shows how little topsoil it takes on top of Nepheline Syenite to support a third generation regrowth of a clearcut, this resource is precious, and should be usefully stockpiled with long range reclamation in mind.

N) Waste Rock Placement

— Except for a small amount of sedimentary Tyee Sandstone on the very upper layer of Table Mountain, which should almost be considered topsoil, there absolutely is no waste rock on this unique volcanic sill which is 100% of a Nepheline Syenite bundle of nine different chemicals where the K component is really overwhelmed by Al203 Alumina powder, and SI02 Silicon Di-oxide "fly ash."

O) Tailings Disposal

— As demonstrated by Chinese Nepheline Syenite "-325 mesh tailings", with almost the same natural chemical mix as Oregon's best, being sold for "disposal" on www.Alibaba.com for $250 per ton, FOB, makes the point that natural FoamKrete™ is the product!

P) Proposed Number of drill holes and depth

— Impossible to calculate the horizontal blasting holes, but one we have established a center room 312 feet underground, diamond core drill sampling will begin exploring downward past the surface, visible, depth defined as 300 to 400 feet. Going deeper will answer if Table Mountain is a Sill, or a Laccolith, of a Batholith.

Q) Depth of proposed suction dredging, and how gravels will be replaced, etc.

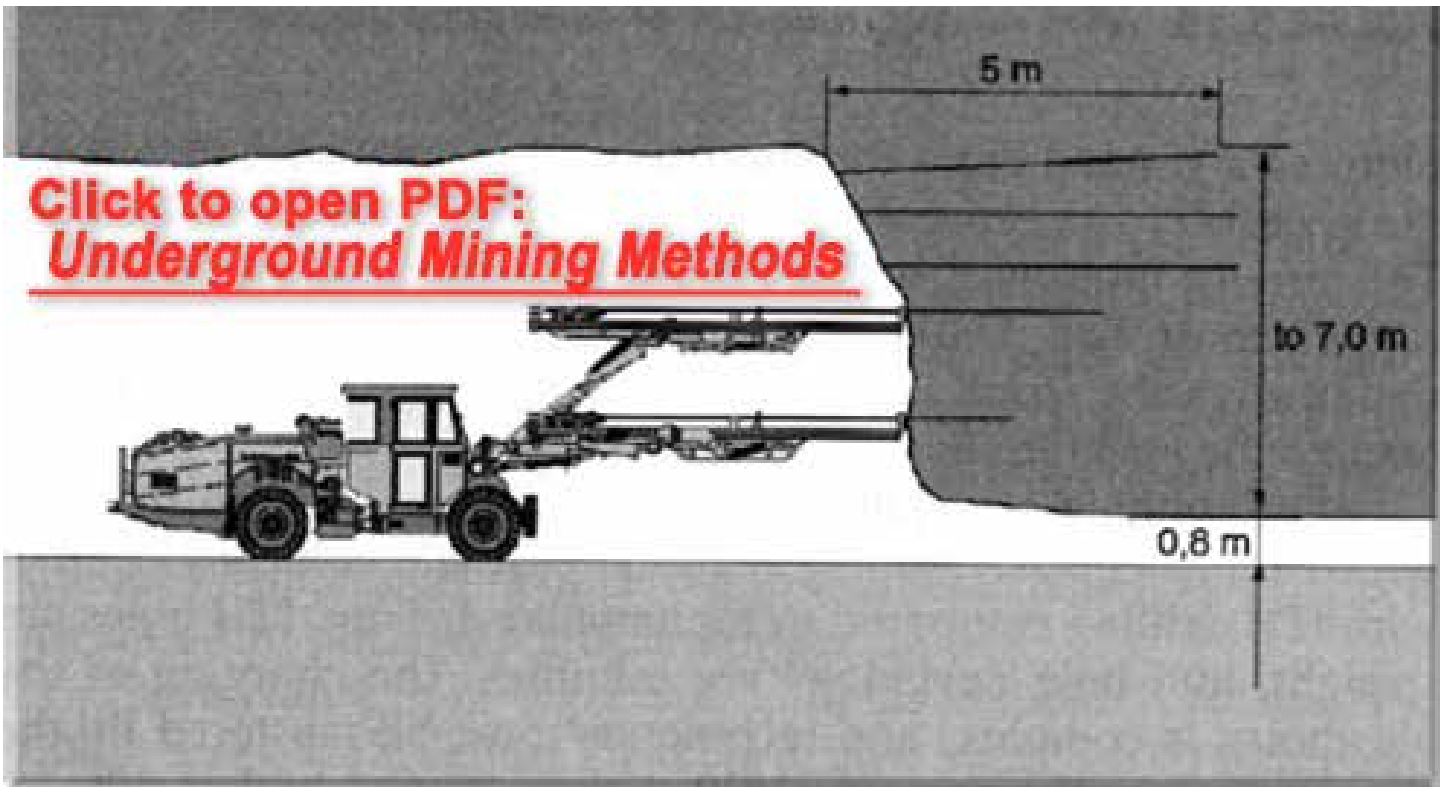
— Not applicable.

R) Include justification and calculations for settling pond capacities, and the size of runoff diversion channels.

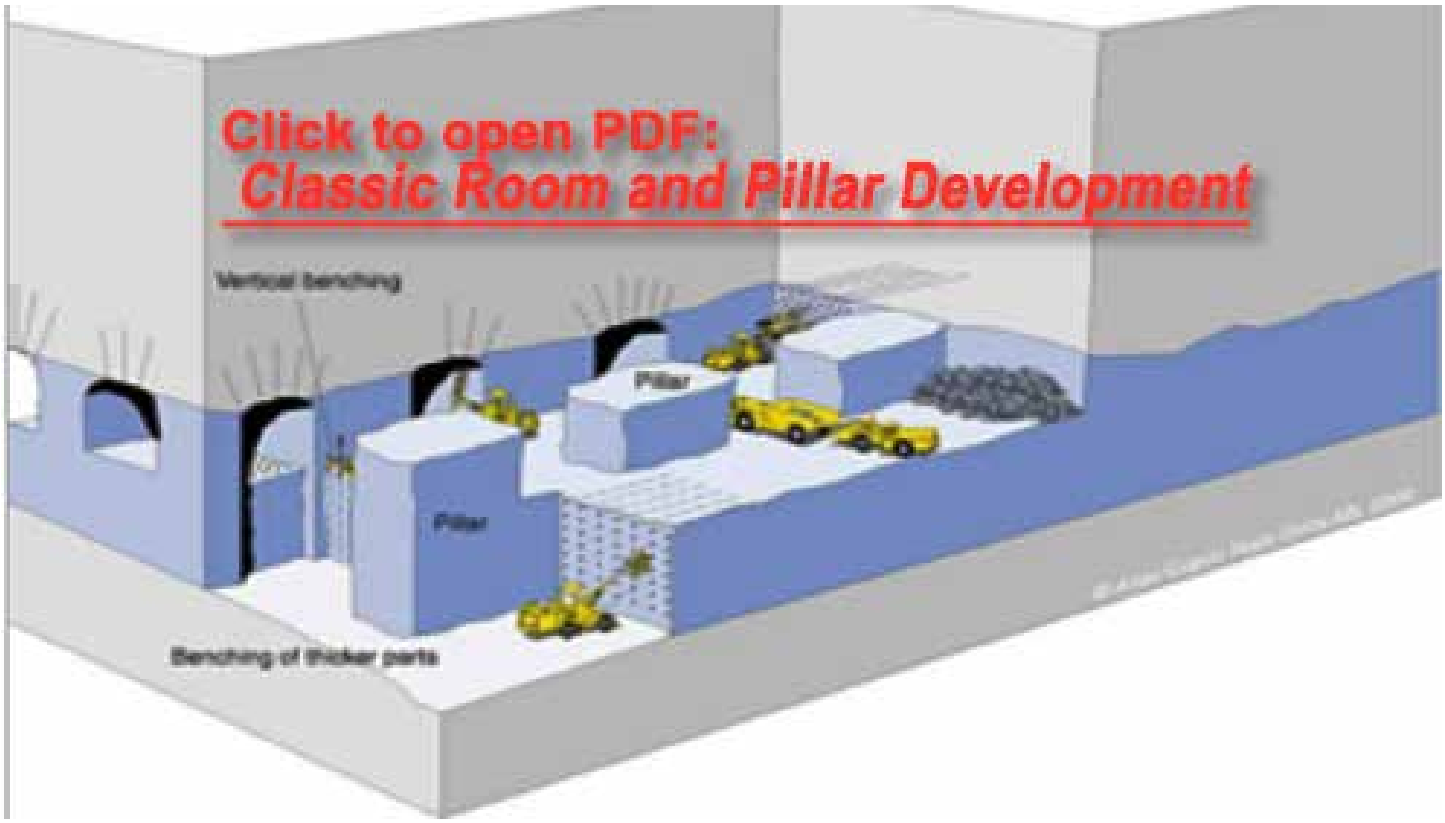
— Water will not be used in mining, except for shotcreating the walls, as FoamKrete™ ce-

ment dust when reacting to any liquid will turn into a misshapen concrete.

S) Calculate production rates of ore.



— As FoamKrete.com already has five different concrete block manufacturers waiting for the delivery of light weight building material that is wildfire and resulting flash flooding "proof", with no end in site when it comes to mining milling and delivering milling 250 million tons of an affordable housing 60% cost cutting target, and production tools should be purchased in moulder production sizes, the critical path thinking needs to focus on how best to deliver raw



bulk tonnage off the mountain seventeen miles to a milling, and perhaps an assemble by the numbered do-it-yourself manufacturing site of a, "house in a box" clean industry plant. Deliver the "lightweight but super strong promise" in truck size shipping containers that are recycled to become bolt together foundation / basement storage containers for storing excess runoff rainwater, or safely housing deep cycle batteries to store excess solar energy. All of this from a factory, or specialized factories as solar smart roofing panels, with access to low cost rail, barge, ship transportation.

D. Equipment and Vehicles. Describe that which is proposed for use in your operation (Examples: drill, dozer, wash plant, mill, etc.). Include: sizes, capacity, frequency of use, etc.

By now it should be obvious that this very unusual mining "prospect" has a mineral rights owner equally a bit unusual. However, when in comes to understanding the economics of business development as I did a 4-year joint venture with the Columbia River Economic Development Council by publishing and editing the high-end gloss paper 4-color magazine, ***Economic Currents***. This is where I developed, early on, strong opinions on clean air, clean water, and workforce management. Where I devoted a total issue on W. Edward Deming concept of Total Quality Management, or the TQM system that Japanese car manufacturers used win market share over lazy U.S. car-makers. Deming based his plans of action upon an earlier engineering concept of Plan-Do-Study-Act (PDSA) which came about from his genius level consulting with the USDA during the farming crisis of the Great Depression.

Basically W. Edward D. had worked with the overall flow of producing a finished sale-able product, as logs, often started with those harvesting seed cones. And that contribution was passed along to a nursery, as GP's Wind River where the mother of my children worked on a seasonal needed basis, whose tree-farm planter customers proudly "sold" their quality effort, to the "protectionists" as Rangers, ranging, and our son working his way through college on a Wind River "Hotshots" fire crew that had a Total Quality reputation for being on the front lines of project fires all over the West.

About the time I should be introducing the importance cutting labor costs by sophisticated machinery, a greedy concept which really doesn't fit into the Total Quality Management System where machines are best used as tools by a motivated workforce also concerned about safety.

Some things I do not think accountants ever consider is avoiding lawsuits concerning the value of a life, and the benefit of "good will feeling" of a worker's point of pride. Remember the lessons of the folk song about John Henry, the Steel Driving Man when some financial types suggest that total automation would solve their money problems. As a TQM quality freak, I do not believe their rate of invested money return is our problem when it comes to actually making money through actually making money by delivering a quality product.

This is why I shall be filling in the Equipment list as:

1) As already mentioned, a mobile Jumbo drill platform with a filtered air cabin that reduces the danger of long term breathing exposure of silica dust, which is collected instead for shot-creating hanging walls with roof bolts far superior to timbering. It is a modern improvement to what was an economical "jack leg" drilling system.

Which competitive model will be purchased, leased, contracted depends upon some sort of forward looking financiering. Right now the choice is now to the two show here. And the decision is also influenced by a the outcome of new tariffs in what right now is a trade war uncertain situation.

The smart underground decision on ancillary equipment as a mucking machine, or scoop loader, rock bolt machine, lights, and ventilation really should follow the engineering of one turn-key responsible supplier. If that is possible. Oregon used to have a quality mining equipment manufacture, but that too was exported.

This concept should follow on the surface for jaw, and VSI crushing, and ball milling the Moh's 6 rock to a 325 mesh for FoamKrete™ wholesale production. As Mac&Murray was the Advertising agency that helped take a Vancouver, Washington, Vertical Shaft Impeller (VSI)



manufacturer Canacia-Jaques from number 19 in a field of 20 worldwide, before it too was sold to a World Wide cartel to be replaced with a cone; and the best apparent and proven choice of a "Nepheline grinder" turn-key with engineer is best found in China, this too is a handicap to plans for production.

Maybe. I have survived as an owner since the 1980's by escaping financier's tricks and traps of issuing an option, it turns out, to a Portland business insurance company operating in California peddling a plan authorized by the Banking Commissioner of the Turks Kayos Islands. I survived by null and voiding another option to platform trade the whole property as validated by a "tame CPA" who stood on a rock on the mountain and waved his arms about while shouting $55 million. After which I was paid $2,000 per month for one year as a holding fee.

Then there was a time-wasting Doctor-Dentist-Broker from Kaiser, Oregon who got me into a tap-dancing Hollywood entertainment lawyer's flapping lip chorus-line where a local radio financial talk host who was part of a NASDAQ shell, before the SEC? asked what document I had signed? And left me with a reputation among local Realtors, and the local Times News paper, as a "fraud"

Unfortunately this experience was not enough to say no to the double dipping dentist who this time bypassed the option route by issuing me a joint venture swap for controlling shares in something named Greater Northwest Nepheline, or was that Greater Northwest Nepheline Research and Development, as their ploy was the Secretary /Treasure was authorized to move the asset into their own similar named start-up. Fortunately the Landgrill brothers ended up in Club Fed, for peddling stock to gas station attendants for a fill-up to get home to Eugene.

After recovering from this by re-staking new Lode Claims, thus giving up any future right to apply for fee simple patent, I was approached by a University of Washington business professor who this time ran a joint venture, very little money down, option agreement through an escrow.

RIA Mines (their account prepared feasibility study is available above) whose problem also was financing. Dr Manton did not listen to me about London Prime Banks tranches, or about Chinese or Arab credit default schemes. RIA Mines professional Plan of Action failed for not answering how Manton had died in a Florida jail for something to do with kiddy porn trafficking.

Falsely accused? Not by me as I actually liked Tom who may have been ousted by high finance bullies who, again, were only looking for a quick profit from a manufactured bankruptcy.

Finally admitting I was a high finance novice that had no defenses from rooms-full of professional sharks —who only think of a mine as a hole in the ground where the experts make a very good living by mining mineral investors pouring money into aforementioned hole, I bought the do-it-yourself book ***Limited Liability Companies for Dummies***, and am on the road to recovery from being an excluded claim owner outsider for anything to do with publicly traded stock, by selling, as an individual, a piece of the in-place protected rock as a commodity, which it is, rather than a security which according to the US Mining Law of 1872 concerning associations, it is not!

I find myself, as did Oprah Winfrey, forced by disbelievers to "do it myself" to build out a dream that other's could not see, I too have the resolve to pick up John Henry's steel driving hammer to get it done the hard way!

E. Structures. Include information about fixed or portable structures or facilities planned for the operation. Show locations on the map. Include such things as living quarters, storage sheds, mill buildings, thickener tanks, fuel storage, powder magazines, pipelines, water diversions, trailers, sanitation facilities including sewage disposal, etc. Include engineering design and geotechnical information for project facilities, justification and calculations for sizing of tanks, pipelines and water diversions, etc.

Although the surface of the mining claim Nepheline #2 has permanent structures associated with the operation of a microwave communications tower backup generator in case the underground power-line paralleling FS F52 and the spur 210, that also is access to a State of Oregon parking shed— this plan of action is to minimize surface disturbance by bringing in on rubber, to the FS F52 "alcove" on the NE 1/4 of the NW 1/4 quarter of Section 6, Township 13S, Range 10W, WM. This is on mining claim Nepheline #12, at the junction of the FS 52-212 spur. This is the "pad" that Cedar Creek crushed surface rights Nepheline Syenite on a US Forest Service contract for common variety use gravel maintaining FS 52, well known and signed as the Tidewater to Toledo Road, which supposedly reads as a public thorofare.

Happily, as there is no need for a tailing dump as everything mined is product. Other than actual crushing, using a jaw or breaker bar on what will not pass through a grizzly loading screen to load a truck to haul the same weight efficiently down the mountain for VSI, or cone, crushing, and the final milling to a 325 mesh "face powder" Nepheline cement. Hopefully, the milling location could be associated with a labor-intensive facility (with family housing?) manufacturing AAC style or CLC transportable tilt-up concrete walls (in a transportable kit form) for truly ECO affordable homes.

1) The office/cook-shack/and 24 hours per day watchman's quarters will be a self-propelled and contained Class A Motorhome (as shown on my www.MotorHomeTraveler.com) accompanied by a tow-able lightweight FWD capable of hauling an auxiliary water bladder from the

roadside spring to maintain a closed system. And, by also carrying portable gray and black water transporters to Waldport when making a grocery run to a town that has a public RV dump.

2) The "Mountain Master" quarters and visitors bunkhouse for workers who do not commute, will be a Fifth Wheel Trailer, also fully powered by solar. As the numbers needed to overnight on the mountain increase additional gray and black water capacity in the form of porta-potties, as I doubt that the humus layer above a rock solid soil horizon would support any perk tests for anything but a pumpable pit.

3) Any fuel storage for running a transportable generator/air compressor would also be in a pressurized sealed tank, delivered on wheels.

4) The only other "structure" needed is a powder magazine, which should be guarded 24 hours per day, which is why I plan to use the jumbo drill from the "administration pad" to build a rock-solid safe vault, with a double lockable steel door, for the ultimate answer for safety.

V. ENVIRONMENTAL PROTECTION MEASURES (SEE 36 CFR 228.8)

A. Air Quality. Describe measures proposed to minimize impacts on air quality such as obtaining a burning permit for slash disposal or dust abatement on roads.

This is a simple question to answer as the Claims on Table Mountain look down upon the Pacific Ocean rippled by the prevailing winds of a World turning away from the pollution of Asia. Why should any underground worker be subject to medical problems for saving others.

Not many short-term voters (including both tree huggers, and climate change deniers) realize how ECO importance of clean air, assisted by USFS production of Oxygen by the West Coast Cordiliarn mountain rain/snow catching forests ("the lungs of the world") that scrub prevailing winds to protect America's "Air-shed".

I do. This canary in a Nepheline cement silicon mine does realize that any so-called harmless contamination released to dissipate by being carried away, actually needs to be scrubbed by a fan collection system. Especially when that "Nepheline Cement Dust" (considered a commodity by the Bureau of Mines in Albany, Oregon, before Congress closed it down for cost savings) is the saleable product. And that worker protection from dust is something that will pay for itself.

Oregonians in need of an air quality example should look at the countryside around the Portland Cement plant on I-84 east of Baker City, Oregon, for an example of what not to do, especially when it comes to maintaining healthy vegetation.

B. Water Quality. State how applicable state and federal water quality standards will be met. Describe measures or management practices to be used to minimize water quality impacts and meet applicable standards.

1. State whether water is to be used in the operation, and describe the quantity, source, methods and design of diversions, storage, use, disposal, and treatment facilities. Include assumptions for sizing water conveyance or storage facilities.
2. Describe methods to control erosion and surface water runoff from all disturbed areas, including waste and tailings dumps.
3. Describe proposed surface water and groundwater quality monitoring, if required, to demonstrate compliance with federal or state water quality standards.

4. Describe the measures to be used to minimize potential water quality impacts during seasonal closures, or for a temporary cessation of operations.

As Nepheline cement, crushed past the fineness of a common variety road gravel, tends to bind together when activated by moisture, the last thing the ECO-Mining-Milling operation needs to deal with is water, except by avoidance. As in suggested questions here of 1 through 5, which are a non-concern.

Fortunately, for this production plan, what water there is upon Table Mountain appears to snow-melt off of the very top thin layer of a sedimentary Tyee Sandstone into some stagnant ponds and a very much appreciated "hillside spring" where the USFS has constructed a small collecting dam with a spigot.

A water chemist visiting this stockpile of chemistry suggested that IF the supply was from a deep-seated artesian source which being filtered by PH neutral Nepheline Syenite, as used in a Newport public swimming pool, well the "colloidal" waters alone might be quite valuable. Yes, the "spring" should, for all sorts of everyday life reasons, be protected for early fire suppression, and drinking water, use.

C. Solid Wastes. Describe the quantity and the physical and chemical characteristics of solid waste produced by the operation. Describe how the wastes will be disposed of including location and design of facilities, or treated so as to minimize adverse impacts.

Unless the USFS has future plans for installing a pit-n-pump outhouse for recreational use (say a hike-in group campground at the site of the old forest fire lookout facility), this question has already been answered in Project Description, Structures.

D. Scenic Values. Describe protection of scenic values such as screening, slash disposal, or timely reclamation.

Thank you, USDA for including this as a tangible property, in a county economically dependent upon ECO tourism. Already the Siuslaw National Forest district ranger is managing some local incredibly connected nature sites as the Tillicum, Rock Creek, Brown Bear, campgrounds, and the Drift Creek Wilderness where a canoe can travel upstream on an incoming tide, and return on the ebb. Proof that "scenic values sell"

It means a lot to me personally as a young freelance magazine photographer/writer with credits that include a 16-page contract brochure for USFS Region Six, and LIFE, Holiday, Ford Traveler, VW Wide World magazines, etc., focusing on travel values.

Before I founded my other business of Mac & Murray Advertising and publishing in 1986, that led to editing and publishing magazines as Economic Currents (my title) for the Columbia River Economic Development Council. My high end four color gloss covers that used scenic values in the promotion of business along the Columbia River were successful in attracting ECO aware relocations to what started to become known as the Silicon Forest.

And after my wife died from cancer most likely attributed to her growing up in the "radio-active plume" of Handford, I closed the brick and mortar office to publish www.MotorHome-

Traveler.com with another beloved, Miz Bobby who actually was my Table Mountain chainman, crawling over solid walls of dripping wet rhododendron bushes on very steep slopes, with a thread box, while I directed her along my shouted Bruntin bearing. Surprisingly enough she developed into a scenic wildflower photographer, and the rhododendron is still a favorite scenic subject.

Living full-time in an off-grid motorhome with first generation rooftop solar to power a computerized office with electronic communications lead to the insane idea of www.USAtravelMagazines.com where all 50 states with a uniform URL as www.WashingtonTravelMagazine.com (the only title fully functioning during a reformatting to a safer vertical PDF) and down the road to www.OregonTravelMagazine.com, etc.

Here is where we stopped along our merry way to camp along the incredibly beautiful Alsea River which we share, across on the wild side with a herd of Roosevelt Elk. And the occasional black bear swimming across the current in an "angled ferry glide" looking very much what we used to call, in www.AlaskaTravelMagazine.com as a "Rare and endangered Pacific Northwest Alligator."

My problem is at 79-years young, remaining seconds ticking away. Once I have taken care of developing FoamKrete™ to the point it cannot be diverted from doing the right thing, I will continue working on (once I have a little payday) improving "The Wonderful One" portfolio which is all about traveling up California's Highway 1, and 101 to Oregon and Washington. A world-class scenic values itinerary.

E. Fish and Wildlife. Describe measures to maintain and protect fisheries and wildlife, and their habitat (includes threatened, endangered, and sensitive species) affected by the operations.

Not comfortable with a technical form writing style, I am finding it curious that following the outline of this CFR suggested form flows simply from scenic values to scenic wildlife along the abundant Alsea River wetland life zone. Which really is very different than the sub-alpine zone of Table Mountain with a scarcity of browse and grazing. Where I have only had the pleasure of saying "Hi" to a mother red fox proudly showing off her litter of kits. And, a "big-foot" lynx, whose track and scat are not the same as what was locally called in an indigenous Chinook-English-French Trade Jargon as "Hyas," for big, "Puss-puss" for the cougar cat who occasionally crosses over the mountain on what could be a 50-mile loop hunting trip.

I do wonder if birds are designated wildlife. Given the desperate need to slow clear-cutting to the standards of Clinton's Forestry Act, the endangered Spotted Owl, and the Pacific Murlet; both so rare I have never seen one, were used as a conservation cause and effect. Fortunately for me, this potential problem is moot due to further studies along the Ho River in Olympic National Park. And the continued harvesting on Table Mountain, next-door by a mega private logging company, which also uses a bit of their common variety Nepheline Syenite for roads use.

F. Cultural Resources. Describe measures for protecting known historic and archaeological values, or new sites in the project area.

Having Native American blood in my DNA and having raised my teenage children in the Columbia River Gorge under the shadow of a sacred Wind Mountain where our neighbors the

Sohappy family of what is left of the "Cascades" trusted us enough to share their ancient trail to the top to experience their historic "vision quest" pits, shaped as almost a smudging "bathtub".

The wealthy Salmon river people rarely traveled far for food, unless it was up into the mountains to pick huckleberries which were beaten into a dried pemmican. My daughter Bernadette, who is a force in tourism at Cascade Locks, Oregon, is always invited by her childhood friends to visit the Yakima side of the Indian Heaven huckleberry fields.

My point here is to establish that the Alsai, Yakima, and Silitez River people did not travel the greater distance to Table Mountain for food, or spiritual necessity. My examination of the mining claims have not turned up any sign of an archaeological setting, other than at the historical site of the Table Mountain Forest Fire Lookout, which I would like to see come back as a Foam-Krete structure (I will pay my part) that could become a hike-in-group camp where communal bear safe cooking shelter (similar to what is found at Wonder Lake in Denali National Park) would contain the risk of open campfires.

A better historical site use than what happened when a new "turnpike" trail up the Gifford Pinchot's Wind Mountain was dedicated to the preservation of the "medicine pits" by driving a steel fencepost driven in the center to hang an ugly yellow sign promising huge fines for disturbing an archaeological site!

G. Hazardous Substances.

1. Identify the type and volume of all hazardous materials and toxic substances which will be used orgenerated in the operations including cyanide, solvents, petroleum products, mill, process andlaboratory reagents.

2. For each material or substance, describe the methods, volume, and frequency of transport (include type of containers and vehicles), procedures for use of materials or substances, methods, volume, and containers for disposal of materials and substances, security (fencing), identification (signing/labeling), or other special operations requirements necessary to conduct the proposed operations.

3. Describe the measures to be taken for release of a reportable quantity of a hazardous material or the release of a toxic substance. This includes plans for spill prevention, containment, notification, and cleanup.

Flowing right along protecting US Tax Payers, I am pleased to present these scientific finding on an already PH neutral Nepheline Syenite rock, proven not to be chemically harmful to sensitive salmon runs for being the jetty and rip-rap protection when crossing the Yaquina River Bar.

This statement is presented as a photocopy of a rival supplier.

And, as the MSHa CFRs, do not have anything to add to dust control and collection (a valuable product) already mentioned I will go to the other DANGER warning signal of limiting exposure.

H. Reclamation.

Describe the annual and final reclamation standards based on the anticipated schedule for construction, operations, and project closure. Include such items as the removal of structures and facilities including bridges and culverts, a revegetation plan, permanent containment of mine tailings, waste, or sludges which pose a threat of a release into the environment, closing ponds and eliminating standing water, a final surface shaping plan, and post operations monitoring and maintenance plans.

The easy way to redecorate the surrounding natural scenery (other than the Tidewater to Toledo road) would be to implode the portals to the point where it would be difficult to tell exactly where a prospector 50 years from now could actually find the old "FoamKrete" working. I know this from my field experience in Nevada, Idaho, Montana.

And perhaps it would be a mistake, in the future, for the USDA to close down "abandoned" mines that would be a perfect environment for agricultural needs as aging Roquefort cheese (as Oregon Langois that went out of business for not having a cheese cave; or for the commercial production of mushrooms, which also would not fall under a mining purview.

VI. FOREST SERVICE EVALUATION OF PLAN OF OPERATIONS

A. Required changes/modifications/special mitigation for plan of operations:

???????????Nothing????????????

B. Bond. Reclamation of all disturbances connected with this plan of operations is covered by Reclamation Performance Bond No. _____, Dated (mm/dd/yy) _____, signed by _____(Principal) and _____ (Surety), for the penal sum of _____.
This Reclamation Performance Bond is a guarantee of faithful performance with the terms and conditions listed below, and with the reclamation requirements agreed upon in the plan of operations. This Reclamation Performance Bond also extends to and includes any unauthorized activities conducted in connection with this operation.
The bond amount for this Reclamation Performance Bond was based on a bond calculation worksheet. The bond amount may be adjusted during the term of this proposed plan of operations in response to changes in the operations or to changes in the economy. Both the Reclamation Performance Bond and the bond calculation worksheet are attached to and made part of this plan of operations. Acceptable bond securities (subject to change) include:
1. Negotiable Treasury bills and notes which are unconditionally guaranteed as to both principle and interest in an amount equal at their par value to the penal sum of the bond; or
2. Certified or cashier's check, bank draft, Post Office money order, cash, assigned certificate of deposit, assigned savings account, blanket bond, or an irrevocable letter of credit equal to the penal sum of the bond.

VII. TERMS AND CONDITIONS

A. If a bond is required, it must be furnished before approval of the plan of operations.

B. Information provided with this plan marked confidential will be treated in accordance with the agency's laws, rules, and regulations.
C. Approval of this plan does not constitute certification of ownership to any person named herein and/or recognition of the validity of any mining claim named herein.
D. Approval of this plan does not relieve me of my responsibility to comply with other applicable state or federal laws, rules, or regulations.
E. If previously undiscovered cultural resources (historic or prehistoric objects, artifacts, or sites) are exposed as a result of operations, those operations will not proceed until notification is received from the Authorized Officer that provisions for mitigating unforeseen impacts as required by 36 CFR 228.4(e) and 36 CFR 800 have been complied with.
F. This plan of operations has been approved for a period of _____ or until (mm/dd/yy) _____. A new or revised plan must be submitted in accordance with 36 CFR part 228, subpart A, if operations are to be continued after that time period.

VIII. OPERATING PLAN ACCEPTANCE

I___ / We ___have reviewed and agreed to comply with all conditions in this plan of operations including the required changes, modifications, special mitigation, and reclamation requirements.
I___ / We ___ understand that the bond will not be released until the Authorized Officer in charge gives written approval.

_____Signature of Operator

_____Signature of Authorized Representative

_____Date mm/_____dd/_____yy ____

IX. OPERATING PLAN APPROVAL

_____ _____
(Name) (Title)

_____
Signature of (Authorized Officer)

Date mm/_____dd/_____yy _____

Burden and Non-Discrimination Statement

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0596-0022. The time required to complete this information collection is estimated to average 12 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

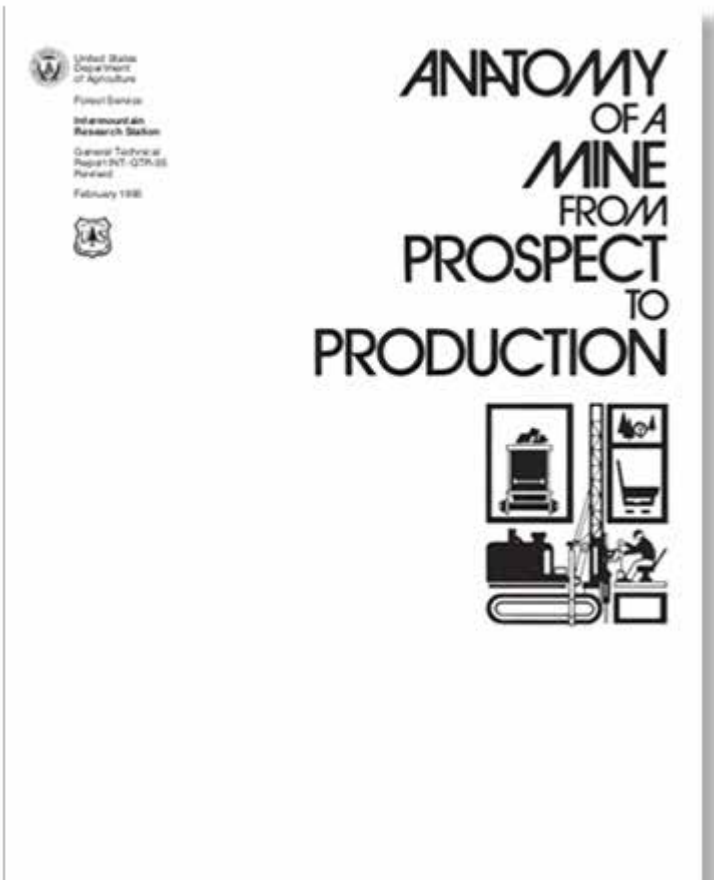
To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW, Washington, DC 20250-9410 or call toll free (866) 632-9992.

For those that do not understand the legal process, and the required professional terms of the what and why of filing the above **Form FS 2800-5a Plan of Action** is perhaps best explained it was is often reffered to as the "ultiminate" US Forest Service handbook" on what it means to file an almost "net zero surface disturbance' envirionmentally sound proposal that has no conflict by proposing going underground from one grandfathered in quarry to another.

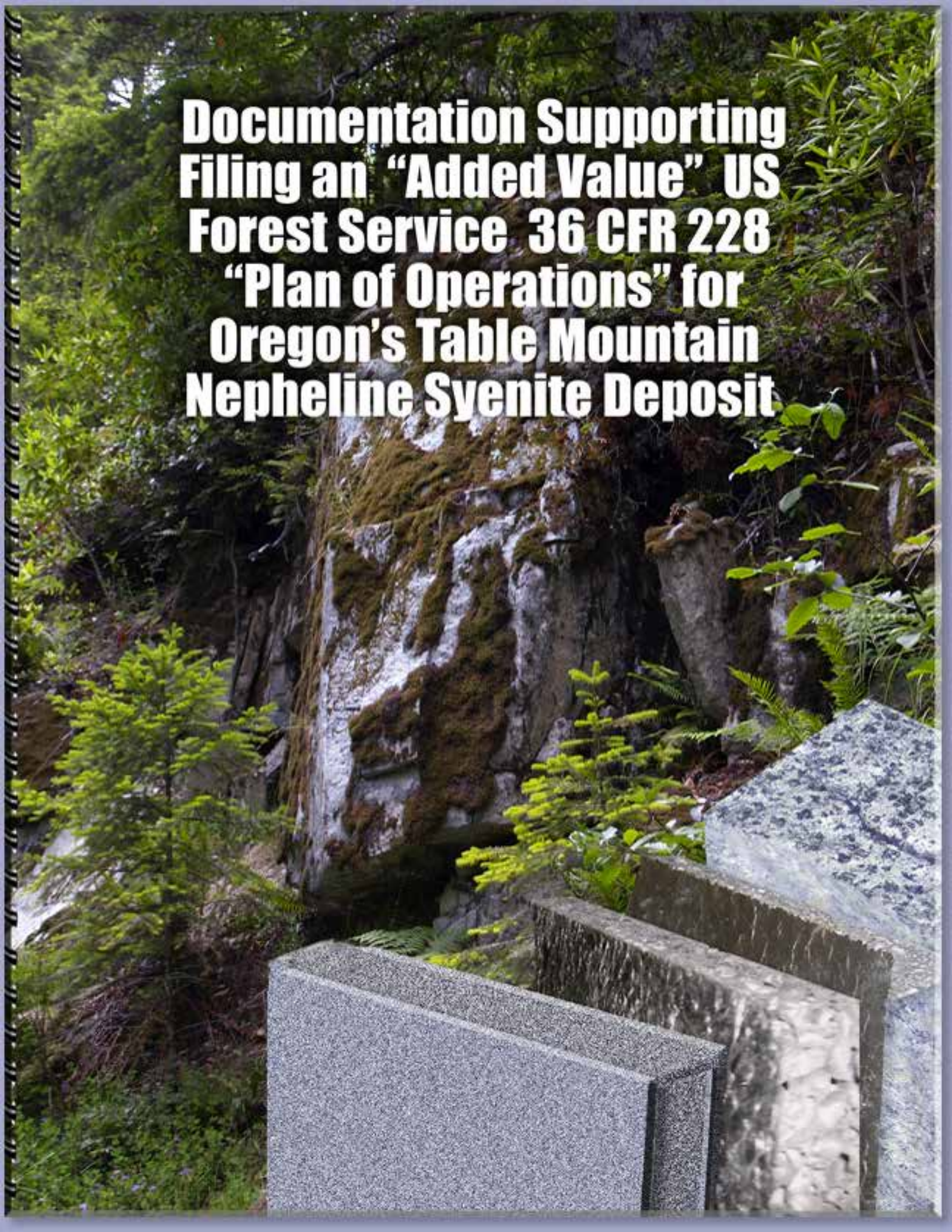
A practice employed by Unimium competitors use in Norway in that unlike most mines, the uniforminaty of the in-place tonnage does not reguire a tailing dump to seperate ore into different values for market purposes.

Click the cover of the very well done US Forest Service PDF — ***Anatomy Of A Mine From Prospect To Production*** , as a source for underground/surface mining land management engineering partnership.

Also, as it relates to the legal filing of a Plan of Action, be sure to spend a little time studying pages 18 through 20, about following the law about the filing process, for both sides of the situation.



Documentation Supporting Filing an "Added Value" US Forest Service 36 CFR 228 "Plan of Operations" for Oregon's Table Mountain Nepheline Syenite Deposit



This was to be Part A of the complete document for the formal filing of a USDA Forest Service **Form FS 2800-5a**, which is an update to the already permitted block of claims. This as a ***"Why"*** deals with the predecessor "added value" requirement on **§ 228.42 Uncommon Variety of mineral rights** on un-patented Mining Law of 1872 claims.

The following Part B, above, is the ***"How"*** explanation of engineering the underground tunnel linking of existing quarries by a costs plus 10% contractor, www.ECO-Mining-Milling.com for being "operator's of the claims". There performance incentive is to deliver a dedicated a unique "Nepheline Cement" product to FoamKrete™, for the wholesale distribution and retail marketing of a soluble AAC, or CLC, after-mixture of **Alumna Oxide of (Al2O3), and a soluble Silicon Dioxide (SiO2) as a natural pozzolanic fly ash cement** un-contaminated by the dilution of a grade F fly ash collected from dirty coal burning smokestacks.

FYI § 228.56 : Operating plans.

Any surface-disturbing operation under a contract, permit, or prospecting permit is subject to prior approval by the authorized officer of an operating plan and to reasonable conditions as may be required to ensure proper protection of the environment and improvements, including timely reclamation of disturbed lands.

Significant changes to operations require prior approval of an amended operating plan. The operating plan must include, as a minimum, a map and explanation of the nature of the access, anticipated activity, surface disturbance, and intended reclamation including removal or retention of structures and facilities. Operating plans must be submitted by the purchaser, permittee, or prospecting permittee, except as noted in § 228.64(b).

FYI § 228.6 : Availability of information to the public.

Except as provided herein, all information and data submitted by an operator pursuant to the regulations in this part shall be available for examination by the public at the Office of the District Ranger in accordance with the provisions of 71.1-1.6 and 36 CFR 200.5-200.10. Specifically identified information and data submitted by the operator as confidential concerning trade secrets or privileged commercial or financial information will not be available for public examination.

Information and data to be withheld from public examination may include, but is not limited to, known or estimated outline of the mineral deposits and their location, attitude, extent, outcrops, and content, and the known or planned location of exploration pits, drill holes, excavations pertaining to location and entry pursuant to the United States mining laws, and other commercial information which relates to competitive rights of the operator.

Following the need today for a total full disclosure to make a net neutral, middle of the political road statement — We already are a nation of laws, that have taken years to promulgate, that already made America Great. As I personally object, as a US Citizen, to trade secrets or privileged commercial or financial information not being available for public examination, which is why this paper is supported by download-able Adobe PDF as published on the Internet.

Although this is a legal document being prepared for filing, I am — Copyright ©2018, Mac & Murray protecting my thinking; and my "fair use doctrine" of other protected papers already published as thesis or news articles.

As I am an independent middle of the road claim holder, in partnership with a neutral US Forest Service, where we both have found ourselves in-between extremest interests. As far left "tree-huggers" terrorists so concerned about the environment (which I, and the USDA logically are) they illogically think the correct way to save a tree is to drive a spike into a trunk so that mill workers will die when their IUD explodes and shatters a tensioned saw blade into flying bits of shrapnel.

And, on the far right fringe, very vocal "super patriotic" Posse Comitatus / cattle rustlers / claim jumpers invading Oregon defending their interpretation of the Second Amendment rule of law as found in their upheld (to TV cameras) New Testament Book of Constitutional Laws in conflict with our established "Code of The West." There is absolutely no Branch Davidian Defense for purposefully setting range wildfires in political protest over ***The Homestead Act of 1862***, ***The Mining Law of 1872***, and the ***Taylor Grazing Act of 1934***. "Greening up grass for bovine grazing" by burning off browse needed for other species of a unique ecosystem, is a crime.

So, as the son of a mining lawyer, and the great-something nephew of lawyer Peter Hardiman Burnette (the first Wagon-master of the Oregon Trail) who quit his job as Justice of the Supreme Court of Oregon to lead the first wagon train down the Applegate Trace to make a claim on a Yuba River Bar during the California Gold Rush. Finding gold panning hard work (it is) he was a big part of writing "Mining District" common sense self regulations before being elected California's first Governor. These "laws" were later picked up by Congress to establish the ("peoples") Mining Law of 1872.

I have made a number of form FS-2800-5 revisions using the guidelines of the Cornell School of Law notations for the sake of clarity in understanding the importance of mining in the nineteen US states open to the "mineral entry staking" allowed by ***the Mining Law of 1872 that was totally structured around the individual U.S. Citizen "Prudent Man" principle.***

FYI § TheProspector.com of MiningMagazines.com @#&! ^$fu.statement

I should also like to suggest at this time that any foreign cartel Nepheline Syenite competitors (and their multinational Wall Street cohorts) wanting to shut down by spam hacking of what really is a "Prudent Man", Main Street America start-up project to enable US mining to "do-it-right", know that my long-time media relationship with the US Forest Service demands I support their multiple mission statement, hopefully, by sticking up for "our side" in the battle of disinformation or misdirection from "outside interests."

I have been much maligned as "ThePROSPECTOR.com", and my personal www.BarryMurray.com for not being recognized as a mining professional "in Canadian interests 43-101 certification" process standards, even when the TSX is "free trade" abusing American owned properties. As happened to me in Alaska by the unfair playground bullies of [CAF] and Merill Lynch of Canada, backed by a one-sided BC Securities "Queen's Bench" arbitration system.

I will be reporting the outcome of this CFR proposal, done correctly, to multi-national financial freaks from my USA media-side in a soon to be updated www.OregonMining.net. This

only as a personal defense of 60 years of in-the-field minerals experience on how to bring a complicated ECO compliance "frontier" project, to completion, correctly, without a room full of hungry lawyers, lead pencil assayers, and Arthur Anderson accountants, and market maker stock brokers!

Even before I took my young family, horseback with pack horse support, 2500 miles up what was left of the California Riding and Hiking Trail on the PCT system to pioneer the new Pacific Crest National Scenic Trail. I had previously worked very well, on the media side of me, as a free-lance writer/photographer liaising with Merle Pugh, the editor of USDA Region Six on a number of articles experiencing forest fire lookouts, and the smoke-jumper school at Winthrop Washington. And following my ***LIFE***, and ***Holiday Magazines*** articles, I was asked to produce a 16-page brochure for the government explaining the reason why the PCNST had become a lesson in learning and living.

FYI § 228.42 An explanation as to Uncommon Varieties.

By its unique chemistry, having a provable added marketable value over non-locatable Common Varieties of sand, gravel, stone, pumice, pumicite, cinders, clay, and other similar materials. The acceptable "best uses" include:

(3) Silica suitable and used for glass manufacture, production of metallic silicon, flux, and rock wool;

(4) Aluimino-silicates or clays having exceptional qualities suitable and used for the production of aluminum, ceramics, drilling mud, taconite binder, foundry castings, and other purposes for which common clays cannot be used;

(5?) Which is why an uncommonly unique, and all natural, Nepheline after-mixture belongs, here. This is why I'm preceding the "How" part of this Plan of Action, following, with unique values added, best use "Why" white paper suggesting that the breakthrough technology of an uncommon Alumino-Silicate-Cement be clear-listed as FoamKrete™ alone, should be approved for its unusual ECO mineral characteristics, that only occur in a few unique deposit in the World!

The Added Value Importance of the Simple Synergistic Chemistry In an Analysis of Oregon's Table Mountain Nepheline Syenite

By Barry Murray, Claim-holder Nepheline # 1 through 32

When it comes to managing difficult to understand and control scientific development in a free enterprise situation, some big boardroom business "engineers" and "profit only accountants" need to think nano creative to truly understand the economics of the big picture.

Why? Because some small start-ups are the only ones that seemed to have listened to Asperger's Syndrome Albert Einstein 's suggestion that, "everything should be made as simple as possible, but not simpler". I just had a look at genius Elon Musk's patent for a Tesla solar roofing tile, and this fellow Asperger's syndrome handicap for being an adventuring into simplicity made me laugh until I almost choked.

Case in point between management not understanding the simplicity of synergy funding could be Xerox™. They rose to fame out of a photo paper manufacturing business, Haloid, by developing the plain paper office copier. When I was stationed in a super secret Cold War photo intelligence unit in London before the U2, I worked with the "low-cost bidder-winner" Haloid's better than Kodak contrast rating, but the applied chemistry was so spotty, we lost many man hours, and local Pounds for having to replace what was burned for the sake of security.

And then, Haloid Xerox, through the distraction of a stunning Wall Street success,their backward looking management entirely missed the obvious next step transition to electronic paper. Moreover, through dominating the market by suppression, Xerox™ ignored or doubted their own research documentation that they actually already owned OOPs software that worked by simply locating the X and Y on a computer screen.

Something the start-up Asperger's syndrome kids Steve Jobs, and Billy Gates, of a Homebrew Computer Club, learned through a visit to the Xerox PARC research facility in the now very famous Silicon Valley corporate blunder.

The disgruntle Asperger's syndrome inventor of the mouse — all but nameless today— had been let go by management for not being bottom line jelly bean cost-conscious counter. Proud of their work, he simply opened the doors to share the "insanely great" wealth of understanding of something different.

No wonder Steve of an incomplete education, addressed a graduating class at Standford with a "being the richest man in the cemetery does not matter to me. Going to bed at night saying we have done something wonderful, that's what matters to me".

This philosophy followed an earlier Apple TV commercial, of; "Here's to the crazy ones, the misfits, the rebels, the troublemakers, the round pegs in the square holes... the ones who see things differently -- they're not fond of rules... You can quote them, disagree with them, glorify or vilify them, but the only thing you can't do is ignore them because they change things... they push the human race forward, and while some may see them as the crazy ones, we see genius, because the ones who are crazy enough to think that they can change the world, are the ones who do".

I suggest as a Polymath / Asperger's syndrome smart-ass author, complete with the incomplete education AsS initials following my name on pseudo academic papers, as this, that investment due diligence actually requires reading a lot of hard to understand and boring papers. Sorry, but it takes more than 280 characters to reach valid breakthrough decisions. So:

A Wordy Misfit's Added Value Calculations

To my way of thinking exploring the required "added value" of Nepheline Syenite is not a waste of words when explaining why FoamKrete™ is not afraid of battling what could be called a world wide cartel for a "added value" market share of an affordable house building material.

Something I plan to deliver in enough quantity by myself, and small "buy the ton" investors and ECO minded friends, is an all-natural nano mix of Alumina powder and an Alkaline Silica Sand cement admixture — FoamKrete™— with a very competitive price/value difference over conventional family homes through helping in the development of ECO Villages, as dreamed about on my ECOhousingofAmerica.com. Perhaps by even being modeled after a Pacific Northwest CO-Ply, or REI CO-OP, to make housing affordable to "members" once again.

Consider how AAC cement suppliers today —all of five sources available in the US offering what they consider the equivalent of FoamKrete™ —have so gotten so far into the engineering of proprietary copper steam heated Automatic Autoclave Concrete machines used for curing preformed panel factory units, that they too have overlooked the obvious next step.

Which is happening right now overseas, with China being the first to computerize the 3D printing of affordable housing, following Pakistan and India developments of the same Table Mountain chemical family mixture of "AAC" delivered as CLC, or Cellular Light Concrete to a building site for after-mixing and pumping through a flexible hose into an aerating nozzle.

Another happy happenstance "of thinking simple" is what is happening with CLC "Nepheline Cement" in Pakistan, India, and the Middle East where simple duct-taped cardboard forms, laying on the ground are being used with cellular light-weight concrete tilt-up walls. The only real difference from AAC construction, is fluidity.

Russia, with the most significant deposits of Nepheline Syenite in the world, also has been making breakthrough strides in the "printing" of $10,000 affordable housing units with a concrete formula noted for its solid strength, for not containing common variety aggregates, as ordinary gravel, and oversized rocks as a filler making voids.

And, for that matter, by of not having to comply with out-of-date building codes that demand re-bar reinforcement. This, even when the proof being published today suggests that this time-honored safety standard is lessening the longevity of a dense concrete wall.

In some countries without a natural supply of Alumna Oxide (Al2O3) or the magic Almunia Powder, and a Silicon Dioxide (SiO2) Silica Sand, other means of organic bubble activation reaction are used, including pumping in air to achieve a 'foamcrete', which really has no chance of competing against the real thing when it comes to the PSI strength of a true Nepheline volcanic fly ash flume.

Or, the unique qualities of a true Class One Wildfire rating of four-hour resistance up to 3,000 degrees, and earthquake, sound, tsunami, and flash-flood "protection" building material that also has one of the highest "R" value available in a global climate changing World.

What has been shown in Asia that has a limited supply of Nepheline Syenite for admixture use is that any so-called proprietary formula out of Europe of a naturally occurring ore can be reverse engineered back to designated natural chemicals which cannot be patent protected any more than basic limestone and beach sand concrete, in this new inventive cement extender known as FoamKrete™, which plans on selling volume at a fair market price to make housing affordable once again.

There is no scarcity need to protect over the extreme exploitation of supply and demand to whatever the market will bear. FoamKrete™ — a non-patentable formula by nature which from a legal standpoint does not have the right to exclude others from using what really is a Trade Se-

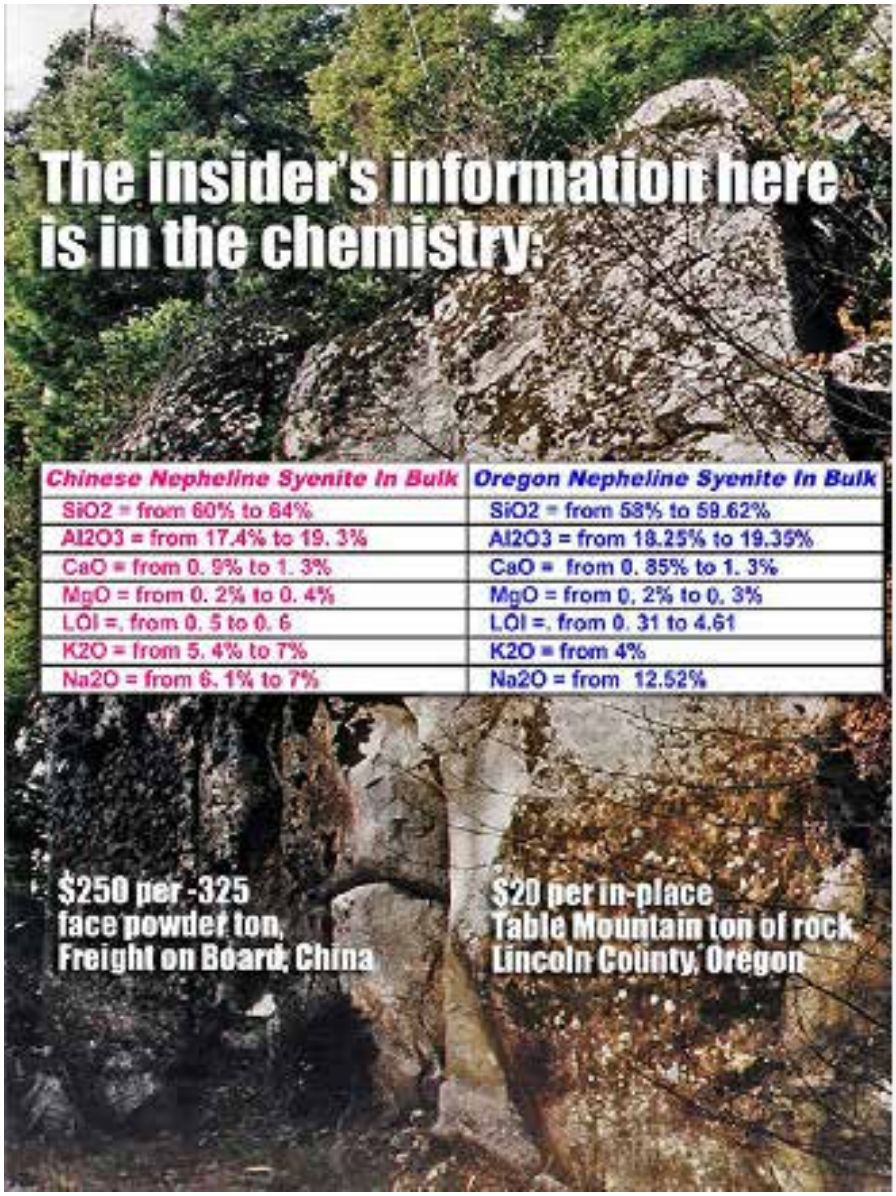
ceret. With 500 Proven unique tons, and ten times that as Indicated for being at the top sill of an Oregon pulutonic bathlolith, AKA FoamKrete™, the location alone will meet or beat any multi-national FOB price offered for physical product, over that of paper promises.

Either way, or what the designation, China has been selling a Nepheline Syenite very similar to the Table Mountain chemistry for $250 per ton, as valued in USDs. Reverse engineering that chemistry market price in an attempt to win a trade war depending on location, location, location others cannot win, breaks down as follows:

1> The USD price of precipitated Silicon Dioxide (SiO2) is on-line researchable at $600-800 / per ton.

As a "soluble Nepheline silicon" used at 59 percent of the necessary AAC secret formula volume, makes the Table Mountain deposit being worth is no less than $354 per -325 metric ton if that were not already included, at no extra cost in the natural bundle.

Please use this rock hard fact to counter "concrete industry financial experts" discounting the science of AAC /CLC concrete building materials relying on added (SiO2) as "re-manufactured fly ash", with absolutely no document-able published papers in their rebuttal.



Nepheline Syenite 325mesh

US $240-260 / Metric Ton
25 Metric Tons (Min. Order)

6YRS Guangzhou Changying T...

16.7%

Contact Supplier

2> Market price of the totally scientifically recognized AAC/CLC secret of soluble Alumna Oxide of (Al2O3), or Alumina out of Australian bauxite that has been ranging from $322 + per metric ton, for 400,000 tons a month delivered to China.

As the acceptable AAC percentage formula of 5% – 8% Alumina by volume, out of an ore that assays a higher 19.35% than the Chinese bulk FOB price, calculates out to be worth $64.40 per metric ton.

A $64 per ton figure, alone, is well under the handling costs of a "free for the recycling" dangerous coal fly ash, which as a carbon product may catch on fire and explode.

As the projected Oregon Table Mountain production costs of "gravel pit" drilling, blasting, crushing, grinding, and delivery to a nearby railhead and barge dock is a minus $100 per ton(?) FOB product. The costs increase of going underground are factored into a safe to meet estimated $150 per ton FOB by the bag wholesale market price

This happenstance itself may have serious consequences on what global building industry cartels might have to say about stifling competition. On the West Coast local readily soluble natural raw material source of alumina and silica can almost pay for itself through a savings on shipping cost alone.

The established advertised world-wide market price of $250 per ton, FOB China, for the exactly same chemistry as shown elsewhere in FoamKrete.com documentation. The eastern Canadian / Norwegian price per ton is harder to document as the imported product is hidden behind brand numbers on a bag in support of "scarcity" being used to control an increased free market price. I have seen it for sale for $300 per ton on a markdown sale.

Researching Russian documentation on the worlds largest Nepheline Syenite was even more difficult. One window on the Baltic was a library in Estonia that suddenly found itself free after the breakup of the USSR.

One recent find helpful to me was that I came across a white paper in English — ***Evolutional Development of Alkaline Aluminosilicates Processing Technology, by Andrey Panov, Sergey Vinogradov, and Svyatoslav Engalychev*** that openly explained how Russia and China have become the leader in 3D printing of houses, through other Nepheline sources in Russia, and in other counties, of a "***lower quality (Al2O3 19–22%, which is my range) and their processing results in more cement produced per tonne of alumina***".

The added value of an all natural —un-patentable—minus 325 Nepheline AAC / CLC powder, does not reflect what value, and purpose, the other Table Mountain Nepheline chemicals may have in the very new developing science of CLC 3D concrete printing, or thin film solar "smart" silica rooftop use which also harvests clean rainwater.

3> Calcium Oxide (CaO) US $210-250 / Ton @ 1% assay value = $2.10 per ton. CaO (s) + H2O (l) Ca(OH)2 (aq) (Hr = 63.7 kJ/mol of CaO) as it hydrates, an exothermic reaction results and the solid puffs up. One liter of water combines with approximately 3.1 kilograms (6.8 lb.) of quicklime to give calcium hydroxide plus 3.54 MJ of heat energy. This process can be used to provide a convenient portable source of autoclaving curing a pump-able foamed cement. According to Wikipedia, "the free encyclopedia," calcium oxide has for a long time been is a key ingredient for the process of making cement as a natural pozzolana for setting underwater concrete in dams.

4 > Magnesium Oxide (MgO) US $160-260 / @ .02% = $3.20. Again, according to Wikipedia, MgO is one of the raw materials for making Portland cement in dry process plants. And, it is a known "super cement" strengthener.

6 > Potassium Oxide K2O US $850-950 / Metric Ton @ 4% = $34. Here Wikipedia refers to "some materials of commerce, such as fertilizers and cement, are assayed assuming the percent composition that would be equivalent to K2O." I have not figured out yet the advantage of K2O in what I am now calling Nepheline Cement, as my next project is to work on a totally green-house project complete with hydro-phonic gardens.

7 > Sodium Aluminum Oxide (Na2O) US $1417-1584 @ 12% = $170. Again, going to the Internet the Digital Fire ceramics materials database ex-plains that the generic name of all of the above bundle of chemicals associated with Na2O happens to be Nepheline Syenite.

8 > Titanium Oxide Nanoparticles (TiO2) US $1450 per ton. I am not even bothering to calculate the overall value of the Table Mountain natural, includes all, value of a TiO2 assay of 0.15 to 0.19, beyond the potential end use in sunscreen?

However, a white paper just released to the public explaining how TiO2 contributes to concrete performance in ***High Strength Non-Autoclaved Aerated Concrete.*** See link, below. I have no idea where team members Victor Cary, Kelsey Doolittle, Sally Lin, Daniel Lizardo, Stephanie Marzen were reporting from, or why, but I think their addition of 0.05 wt% of TiO2 resulting in a conservative 200% strength increase, well worth proving. Especially when dealing with local outdated building codes requiring re-bar, which lately is being discouraged by other scientists that feel the chemical reaction dates the life span of ordinary dense concrete.

Add up all the AAC/CLC chemical mix — except TiO2 which I have not yet had time to play with, if purchased separately elsewhere— and mixed together in some sort of violation of somebody's European only patent (?), and you come up with a figure of $595.30 per ton, which sort of explains the outrageous price on-line out of China selling a "gas extruding aluminum paste and powder for aerated autoclave concrete / AAC that sells for a USD 2.6 - 3.5 /Kilogram, with a minimum order of 1 ton." Use any on-line kilogram to pound converter and USD 2.6 per kilogram works out to be an amazing $2,600 per metric ton?

As the natural chemical mixture, already bundled, as found in a uniform 500 million tons of Nepheline Syenite —see the professional geological, mineralogical, and economic value reports, referenced in Part B of this filing. In the 1973 ***State of Oregon Environmental Geology of Lincoln County Report featuring Economic Mineral Resources*** (as linked in Part B of this "Plan of Action" has a statement was 45-years ago referenced the value of the Table Mountain jetty stone, roofing gravel, and rock wool at, "$15 per ton in today's market."

From my 60 years field experience in minerals exploration verifying length x width x depth of ore deposits, measured in $'s per ton, I, as a prudent man tend to favor the conservative. As by cutting that 700,000 million to five hundred million, due to possible conflicts with a small holding of a "fee simple" private timber company next door, that actually holds no underground mineral rights on their School Land Grant section.

And, cut that in half again to 250,000 million mine-able tons by room and pillar methods underground. I have also considered that dropping to a very low industry standard of $10 per ton in-place real estate price for a potential gravel quarry, and the same $20 per ton for a large

disseminated micro gold mine that is only economical as a open pit/chemical leach pad disaster.

So, $10 in-place it is, for now (as long as the discounted price flows through ECO-Mining-Milling and FoamKrete distribution to affordable housing) which by itself is, if I have the commas correct, 2.5 million tons times $10 per ton = $ 2.5 billion ??? Room enough between $10 ton and the China $250-ton price, to pay a privileged State of Alaska mining claim style 3% royalty, after the first $3 million in production. So, to help the USFS, and BLM, State of Oregon, Lincoln County and villages fight climate change wildfires and flooding, FoamKrete™ will be paying back a totally righteous 10% "tithing" above and beyond taxes and use fees to help neighbors recover from "unexpected catastrophes" as global warming.

I also will have a part in setting a wholesale price for FoamKrete™ Distributors in this country to help prick the balloon bubble of affordable housing that has created a homeless crisis.

Some More Tap Dancing to answer the SEC/FTC/FCC/USFS Yada-Yada-Shuffle

On YouTube, search for AAC/CLC success stories of building houses of "Autoclaved Aerated Concrete". Then broaden that search to include more recent pump-able, on-site CLC Concrete construction with a natural pozzolana volcaniclastic fly ash chemistry, instead of the Class F by-product of burning coal in tall stacks that do not scrub the hydrocarbons being emitted into clean air.

If it also bothers you just a bit how far behind America is in "green living" then use these Internet further search phrases to find a Spanish "fully-customized, modular solar house is 3D printed prefab," or "Dutch architects to build world's first 3D printed apartment house," to find where to order CLC mixers and pumps in Vietnam, India, and of course, a China that copied what was manufactured in Europe, that really let a lot of "trade secrets" disappear into public domain.

What makes the Shanghai WinSun Decoration Design Engineering "ten houses in one day, at $5000 each" project really interesting to those concerned about the environment is that the Chinese recycled old concrete, into new, by chipping up what would have been landfill, or burned. At the last moment of mixing a standard cement they added a minus 325 super fine (soluble) Alumina powder at a rate of 08% by volume, and a (soluble) 60% silica content as an aggregate.

China has been importing alumina powder extracted from bauxite in Australia at the cost of $300 per ton. The Russians used their Nepheline Syenite alumina powder to build airplanes during WW II; they also are the most advanced in Nepheline research for things as catalytic converters, and clean air steel fluxing.

The problem in coming up with those figures for an American deposit is that the "magic stuff" used as an expansion agent has almost been considered a "top secret" by foreign corporations and countries.

They were not very happy when NephelineSyenite.com, and www.Nepheline.com, ran a picture of the Table Mountain, Oregon, material that had been polymer foamed—testing Russian technology supposedly protected by a patent for a shape? which expires in twenty years— into poly snap-together building blocks.

There also has been a patent filing in Europe— and only covering Europe— that demands protection of the composition of autoclaved aerated concrete, which curiously includes basalt(?) mineral wool for a binder as part of the formula?

Moreover, speaking of rock wool, there is a Danish patent for a "Nepheline briquette" used in the process of melting rock at a temperature of 1600º, through which a stream of air or steam is blown to spin a cotton candy like insulation. The only American made product is pink spun fiberglass that is only half as efficient as Nepheline wool in thermal insulation.

So — at last, a conclusion— that for the 500 million ton, plus, and a US Table Mountain Mining Claims deposit being a "lessor Nepheline Syenite" should also pass along a birthright benefit to US tax payers instead of flowing through the Toronto Stock Exchange for tax benefits.

For years Russian, Belgium, and Canadian distributors have discounted my figures as second-class chemistry for the manufacturing of clear glass and white China-ware used in bathrooms. What does making toilets has to do with an a "value added" advantage of being the perfect natural mix for a "Nepheline Cement"? Everything.

Now I have a Russian paper — ***Evolutional Development of Alkaline Alumunosilicated Process Technology*** ... "whereas there are other Nepheline sources in Russia and in other counties of lower quality (Al2O) their processing results in ***more cement produced per tonne of alumina***".

Thank you. I will be selling one bag of FoamKrete™ at about the same price as a bag of Portland cement to replace by expansion the traditional five bags of dense cement. To one, plus one.

A a curious reason offered for wanting to undercut established prices was not too long ago, anti-free trade, dumping of Canadian Nepheline Syenite closed down a struggling, higher quality, feldspar quarry at Kings Mountain, in the Carolinas.

Ironically, my Murray mining family history dates back to the 1750's Carolinas (gold) and Georgia (a bauxite project?) starting out as an indentured servant (for only seven years), who was sold off of the same trading block as other slaves the English nobility (who like to sing we will never, ever, be slaves) flogged off to a lifetime of suffering as a way to set up the future time-bomb as the ongoing(?) U.S. Civil War.

I know this really doesn't fit into this application. But, as a Celtic (with an ancient Queen Boudicca talent for all things mining) and the Revolutionary War patriotic circumstance of my having three Scottish-American great-something grandfathers who helped defeat the hated English redcoats in a lopsided American victory that set up the Patriots winning at Yorktown.

The revenge battle cry at our Kings Mountain was to "Remember Culloden" for not giving quarter as 2,000 Highlanders were slaughtered, versus 300 Redcoats dead. The cost of English arrogance on Kings Mountain was paid when Americans only lost around 28 killed and 68 wounded, whereas British losses numbered around 225 killed, 163 wounded, and 600 captured — who were not murdered, or sold off in indentured servitude.

I am sure some of the Redcoats who released returned to try to destroy another three members of my highland "over the mountain" family again during England's forgotten War of 1812 of secret plans to cripple America.

But, again, "the crowns" folly was to attack Celtic "dirty shirts," as the British called the Americans Tennessee volunteer soldiers during the Battle of New Orleans. This was another time for revenge for Andrew Jackson who also had no love for the English, as he'd spent time as their

prisoner during the Revolutionary War. Just as my Braveheart FREEDOM fighter Sir Andrew de Moray had been imprisoned at the Tower of London. The revenge score, again, was a lopsided 2000 Redcoats, to less than 100 Americans.

The reason this history is in a explanation of added value, is since beginning work developing the Table Mountain Nepheline Syenite, out of necessity as none of the major players wanted to make an offer to a "hillbilly" individual claim-holder, I have been under a very sneaky hack attack through my www.MiningMagazines.com, for First Amendment opinions I dared to express on www.TheProspector.com, www.MiningInvestment.com, www.The MiningInvestor.com, www. DiversifiedInvestments.net., etc.

Apparently, from pinging back on the spam overload denial of service web stats, who were not Chinese, Russian, Ukrainian, but north of the border "flaming English LIBOR twits, and TSX 43-101 masters of the pump-and-dump" — the centuries-old battle continues.

My challenged Internet defense from some very competitive international adversaries hiding behind the skirts of a no-tariff free trade to practice their trade-craft of dirty tricks, is to simply prove the beauty and truth of a simple scientific "this is how it works" as expressed

I, as an "Mining Law of 1872 Prudent Man" individual will not lose this "trade war" with a multinational organization that feels the price of scarcity is justified as best way to maximize profits, vs, the genius attitude of an incomplete educated AsS (or Asperger's syndrome) WW2 concrete genius Henry J. Kaiser, whose fellow AsS Jobs like motto to add value to any project, with a "Find a need and fill it." There is an absolute demand for an affordable housing building material for the delivered product from Table Mountain, marketed as FoamKrete™. I intend to stick around long enough to build some affordable housing!

This is why I am responding to USDA Forest Service Area Mining Geologist, Ruth Seeger, wanting professional documentation; and USDA Forest Service Siuslaw Mining and Minerals Administrator, Robert Ginn's pointed questions and suggestions made at a "meet and greet" a few years ago, with what may seem an information overload.

When starting to filling out a simple form FS-2800-5, I found it necessary to attach "triple dot checked" reports, university-level thesis, legal citations, real website news, and this white paper supporting an added value in the almost unique chemistry in the US, that Oregonn's Table of Table Mountains Nepheline Syenite, was definitely NOT Common Variety.

The following PDFs available to the reading public, are a small part of what has been studied for propriety use, only. And yes I admit to being a little intimidated, a few years ago by a threatening call from a room full of lawyers on speaker-phone wanting to challenge this professional photojournalists source of information. Thankfully, I was able to cite the volume and page number of a well respected Canadian mining magazine.

And thankfully, winning that exchange by asking in jest, "How many lawyers does it take to dial a so-called smartphone?" I began to wonder what their interest was in my holding onto what was a grandfathered $2 per ton in-place jetty-stone quarry.

It took five years following what research I could afford —one international market study that cost $5000 only focused on Nepheline with less FE than mine in clear glass production. Follow what the Chinese were doing in concrete gave me the reverse engineering breakthrough lead of following the chemistry.

This was a fun learning path following independent professionals answering three questions. And here is the place to inform the non-scientific reader — or perhaps "Scientific Disbelievers" who do not like any suggestion that mined Nepheline Syenite ore has any role at all combating climate changing carbon based greenhouse gases.

In the papers below explaining after-mixing "***Alumino-silicates", or Aluminum Powder*** reacting with the silica, which may be in the form of ***Silicon Dioxide Sand*** (**SiO2**). Or interchangeably with a coal burning chimney fly ash product, which also has the distinction of being **a Fly Ash (SiO2) — that also contains trace concentrations of heavy metals as: nickel, vanadium, cadmium, barium, chromium,copper, molybdenum, zinc and lead. A mixture getting harder to find as "clean air coal burning" is becoming a thing of the past.**

1) What Exactly is the Financial Advantage of Aerating a Foamed Concrete?

001) AUTOCLAVED AERATED CONCRETE AS A GREEN BUILDING MATERIAL

By Stefan Schnitzler, October 2006, University of California, Davis Extension.

This was the first reference I stumbled across concerning the magic of *Alumina Powder* and *Silica Sand* expanding, as a research paper the US Forest Service Geologist requested:

"Autoclaved aerated concrete is a precast product manufactured by combining silica (either in the form of sand, or recycled fly ash), cement, lime, water, and an expansion agent — aluminum powder, and pouring it into a mold. Once added to the concrete, the aluminum powder reacts with the silica, resulting in the formation of millions of microscopic hydrogen bubbles. The hydrogen bubbles cause the concrete to expand to roughly five times its original volume. The hydrogen subsequently evaporates, leaving a highly closed-cell aerated concrete.

Autoclaved aerated concrete is further considered a sustainable building product because of its excellent insulating qualities resulting in increased energy efficiency. AAC's thermal efficiency stems from three factors. First, AAC structures result in solid wall construction with integrated insulation. Entire wall coverage prevents the thermal bridging associated with conventional stud framed walls, which leaves cold gaps around every stud and header.

Second, the solid wall construction of AAC structures creates an airtight building envelope, minimizing uncontrolled air changes while helping maintain desired indoor temperatures and maximizing the efficiency of HVAC equipment.

Third, AAC structures benefit from the added value of thermal mass and low thermal conductivity of a .... "effective" or "mass-enhanced" R-value of about 21.8.

AAC is inorganic, noncombustible, and virtually fireproof. It receives a 4 hour UL fire rating and has a melting point of over 2900 degrees Fahrenheit.

AAC buildings can be engineered for earthquake and hurricane-prone areas, and such buildings have performed well to date. For example, the vast majority of AAC homes in the 1995 Kobe, Japan earthquake survived substantially undamaged. They also were immune from fires started during the earthquake and even acted as firebreaks. The ability of AAC structures to withstand fires and

natural disasters minimizes waste, contamination to the surrounding environment, and the need for repair materials, while also lowering insurance costs." *Full Text....*

002) AN INTRODUCTION TO AUTOCLAVED AERATED CONCRETE INCLUDING DESIGN REQUIREMENTS USING STRENGTH DESIGN

By Eric Ray Domingo. B.S. Kansas State University, 2008

The only other US white paper I could find. And it is marked with a copyright protected symbol. This is where I have to apologize to the author my "fair use" synopsis. And the full source of a university paper presented here as evidence in what really is a legal document. Eric. Good job, and if you are looking to continue Nepheline Syenite R&D, let me know.

"Autoclaved aerated concrete (AAC) is a lightweight concrete material that was developed in Sweden approximately 85 years ago but only recently, as early as 1990 in the Southeast, has it been used or produced in the United States (www.gostructural.com). It is a lightweight building material that is easy to build with, has great thermal properties, and can be easily produced from locally available materials. AAC is commonly found as masonry block units or as larger planks that can be used as wall components or as roof or floor components . (

AAC has a high percentage of air making up its volume and the materials that are used to make it can be recycled from waste AAC material. Recycled AAC can be ground up finely and can be used as the aggregate in the new mixture. Also, the energy that is required to produce AAC is much lower than other masonry products (www.eaaca.org). This report details the history, physical properties, manufacturing process, and structural design of AAC. This report includes an explanation of the 2005 Masonry Standards Joint Committee (MSJC) Code for the design of AAC members subjected to axial compressive loads, bending, combined axial and bending, and shear. An example building design using AAC structural components is provided. This report concludes that AAC has important advantages as a structural building material that deserves further consideration for use in the United States.

Currently, in the United States, there are two producers of autoclaved aerated concrete. Xella Aircrete North America Inc. (Hebel) has plants located in Texas, Georgia, and Mexico as well, and AERCON is located in Florida (www.aacpa.org). The annual production of AAC in the United States is not currently available, however, the annual production capacity of the largest North American producer of AAC (Hebel's Georgia Facility) can produce approximately 2.7 billion cubic feet (250,000 cubic meters) per year (www.xella-usa.com). *Full Source....*

003) UTILIZATION OF ECOSAND AND FLYASH IN AERATED CONCRETE

By Keertana. B, Department of Civil Engineering, Karpagam University, India

From here-on, the research white papers I could pass along came from everywhere but the United States. This, from the Department of Civil Engineering, Karpagam University, Coimbatore-641021, Tamilnadu, India. I appreciated the idea, and simplicity of my Si02 being recog-

nized as an ***Ecosand***. And that ***Geopolymers*** also gain strength very quickly as well, obtaining 70% strength within the first three to four hours of production.

"Besides insulating capability, one of AAC's advantages is its quick and easy installation since the material can be routed, sanded and cut to size on site using standard carbon steel band saws and drills. AAC is well known as environmentally friendly construction material. The production process emits no pollutants and creates no toxic waste products.

Lightweight concrete has its obvious advantage of high strength/weight ratio, good tensile strength, low coefficient of thermal expansion, waste utilizing, heat preservation, noise insulation characteristic, and energy saving, as well as good absorbability of impacting energy due to air void in lightweight aggregate.

Autoclaved concrete can develop to be high strength concrete and good absorbability of impact energy. It has a lower modulus of elasticity and higher tensile strain capacity further provides better impact resistance than normal weight concrete. *Full Text..*

004) EVOLUTIONAL DEVELOPMENT OF ALKALINE ALUMINOSILICATES PROCESSING

By Andrey Panov, Sergey Vinogradov, and Svyatoslav Engalychev

Abstract: Alkaline aluminosilicates are of significant interest for metallurgical and chemical industries. They are widespread in countries like Russia, USA, China, Canada, Venezuela, Mexico, Iran, etc. and can present a viable alternative to bauxites. Complex and waste-free alkaline aluminoslilcates processing technology into alumina, soda ash and cement was developed in VAMI institute in 20th century from idea till successful realization at several industrial facilities in Russia, operating till now with competitive production cost of alumina. Russian Alumina refineries are using feedstock with unique high alumina content (Al2O3 26–28%) whereas there are other Nepheline sources in Russia and in other counties of lower quality (Al2O319–22%) and their processing results in more cement produced per tonne of alumina. An economical beneficiation technology has been developed that opens the possibility for more efficient industrial processing of comparatively poor aluminosilicate raw materials in Russia and the rest of the world. *English Text....*

What a shame the processing of poor aluminosilicate raw materials (FoamKrete™) results in more cement produced per ton of Al2O3 alumina. And thanks for putting a competitor on the map.

2) Which 'Fly Ash' Pozzolan is Best for AAC/CLC Pump-able Concrete?

005) THE RIDDLE OF ANCIENT ROMAN CONCRETE

By Dacid Moore, P.E. Retired Professional Engineer Bureau of Reclamation, 1995

Abstract: The riddle of ancient concrete consisted of two studies: one was understanding the chemistry, and the other was determining the placement of ancient concrete. To understand its chemical composition, we must go back in time much before Moses. People of the Middle East made walls for their fortifications and homes by pounding moist clay between forms, often called pise work. To protect the surfaces of the clay from erosion, the ancients discovered that a moist coating of thin, white, burnt limestone would chemically combine with the gases in the air to give a hard protecting shied. We can only guess that the event of discovering pseudo concrete occurred some 200 years before Christ when a lime coating was applied to a wall made of volcanic, pozzolanic ash near the town of Pozzuoli in Italy.
A chemical reaction took place between the chemicals in the wall of volcanic ash (silica and small amounts of alumina and iron oxide) and the layer of lime (calcium hydroxide) applied to the wall. Later they found that mixing a little volcanic ash in a fine powder with the moist lime made a thicker coat, but it also produced a durable product that could be submerged in watersomething that the plaster product of wet lime and plain sand could not match.
To explain this chemical difference we must examine the atomic structure. Common plaster is made with wet lime and plain sand. This sand has a crystalline atomic structure whereby the silica is so condensed there are no atom holes in the molecular network to allow the calcium hydroxide molecule from the lime to enter and react. The opposite is true with the wet lime pozzolan contact. The pozzolan has an amorphous silica atomic structure with many holes in the molecular network. Upon mixing the wet lime with the pozzolan, the calcium hydroxide enters the atomic holes to make a concrete gel that expands, bonding pieces of rock together. The fine powder condition of the pozzolan provides a large surface area to enhance chemical reaction. We find parts of the complex chemistry of the ancient concrete bonding gel matching the same chemical formula of modern concrete bonding gel.
So the pozzolan wet lime gel gave permanence to the ancient concrete. *Full Article.*

I did find in my a compilation of university level papers proving many original findings that led to even more curious questions that follow, as to what (AS) really was compared to ordinary, lower grade fly ash. And even how fly ash is defined as a Si02 silica sand?

006) SCIENTIFIC INSTITUTE OF THERMAL INSULATION, DEPARTMENT OF BUILDING MATERIALS

Vilnius Gediminas Technical University, Vilnius, Lithuaniay Dacid Moore, P.E. Retired Professional Engineer Bureau of Reclamation, 1995

Abstract: Investigations of Forming Mixture Parameters of Autoclaved Aerated Concrete with Nano additives"Amorphous" SiO2 (AS) is a very effective pozzolanic material. As an aggregate, AS powder is in particular suitable for modern building industry. It was used at construction since 1994 in New Zealand and with each year its usage grew. AS is a by-product of ferrosilicon and silicon metal production and can be used in shape of very fine powder [1]....In production of concrete with AS, the pozzolanic reaction is ... decreases conductivity of water and water vapor

and increases strength and life of concrete [3]....

And how it was revealed that AS was the real "fly ash pozzolina" in sea water Roman Cement, used a long time before the invention of re-bar. Or, explaining how it is that a lightweight "smart" concrete is actually stronger, better, cheaper, than the "dull and dense" concrete many associate with a concrete "jungle scene" of parking structures, sewage treatment facilities, those islands in the sky of unfinished freeway interchanges. But, more import to the bottom line of using a flammable dirty coal based substitute. *Full Text*

007) TO IMPROVE TODAY'S CONCRETE, DO AS THE ROMANS DID

UC Berkeley News, June 4, 2013

AN EARTH-FRIENDLY ALTERNATIVE PARAGRAPH: While Roman concrete is durable, Monteiro said it is unlikely to replace modern concrete because it is not ideal for construction where faster hardening is needed. But the researchers are now finding ways to apply their discoveries about Roman concrete to the development of more earth-friendly and durable modern concrete.

They are investigating whether volcanic ash would be a good, large-volume substitutein countries without easy access to fly ash, an industrial waste product from the burning of coal that is commonly used to produce modern, green concrete.

"There is not enough fly ash in this world to replace half of the Portland cement being used," said Monteiro. "Many countries don't have fly ash, so the idea is to find alternative, local materials that will work, including the kind of volcanic ash that Romans used. Using these alternatives could replace 40 percent of the world's demand for Portland cement." See Binding Paper and a Full News Release Text....

008) COAL ASH IS MORE RADIO ACTIVE THAN NUCLEAR WASTE

By Mara Hvistendahl journalist in sync with reporter Leslie Stahl of CBS's Sixty Minutes]

Over the past few decades, however, a series of studies has called the stereotypes into question. Among the surprising conclusions: the waste produced by coal plants is actual more radioactive than that generated by their nuclear counterparts. In fact, the fly ash emitted by a power plant—a by-product from burning coal for electricity— carries into the surrounding environment 100 times more radiation than a nuclear power plant producing the same amount of energy.

3) Why is Nepheline Cement, With Less Material, Superior in Strength?

And how it was revealed that AS was the real "fly ash pozzolina" in sea water Roman Cement, used a long time before the invention of re-bar is actually stronger, better, cheaper, than the "dull and dense" concrete thought of as "cold." Now, getting into "proparity stregnth trade secrets" we are getting into delecitate territory when it comes to such things as:

009) MECHANICAL ACTIVATION OF NEPHELINE CONCENTRATE BINDING CEMENTS

B. I. Gurevich, Institute of Chemistry of Rare Elements Academy of Sciences, Russian, 2013

Abstract—Binding properties of a Portland cement–Nepheline–water formulation were studied in relation to its Nepheline content by using a preliminary mechanical activation. A thermal analysis was used to estimate the hydration rate of cement phases in the system under study. The accelerating role of Nepheline in hardening of mechanically activated Portland cement–Nepheline formulations was revealed and found to be more pronounced in early stages. The gain in the strength of the cement stone was analyzed in relation to the formulation composition and hardening duration.

Research Paper Preview : Available in full for susbscription on link.springer.com for $39.95

010) HIGH-STRENGTH STRUCTURAL LIGHTWEIGHT CONCRETE

No authors cited for what is an excellent paper / informative sales tool for HPCC panels that I would love to work with.

Synopsis — High-Performance Cellular Concrete [HPCC] has all the properties of cellular concrete and can achieve 55.37 MPa [8,000 psi]. Higher strengths can be produced with the addition of supplementary cementitious materials.

In conventional concrete, the percentage of sand in the aggregate is 30% to 40%. However, the foamed cement of this process/invention is preferably mixed with an aggregate having a higher ratio of sand.

Preferably in the range of 40% to 50%. This reduces or eliminates voids in the concrete mixture, since gaps between larger rock particles may be filled with a combination of smaller rock, sand, and air bubbles. The smaller the spacing factor, the more durable the concrete will be.

The LightConcrete LLC Paper

011) HIGH STRENGTH NON-AUTOCLAVED AERATED CONCRETE

By Victor Cary | Kelsey Doolittle | Sally Lin | Daniel Lizardo | Stephanie Marzen

Now, getting into "proparity strength trade secrets" on an MIT paper(?) were perhaps we are getting into delecitate territory when it comes to such things as optimization of TiO2 the :

Abstract: Traditionally, aerated concrete is autoclaved in order to achieve the high compressive strength necessary for structural use. While the high temperatures and pressures from the autoclaving process give rise to crystallization and thus high compressive strength, the process is extremely energy intensive. Eliminating autoclaving would save significant energy, but other methods would need to be employed to maintain good compressive strength. Thus, the project goal is to develop a form of concrete with a high strengthtodensity ratio: low density for high materials efficiency and high compressive strength with the elimination of autoclaving.

In this paper, we will discuss our final prototype: a nonautoclaved aerated concrete that boasts higher compressive strength than previously developed nonautoclaved concretes through the optimized additions of 0.05 wt% titanium dioxide (TiO2) and 0.05 wt% sodium alginate. Our prototype also exhibits low density, consistent foamlike structures and is cost efficient. Take a look

012) TECHNICAL-CERAMICS-FOR-MILITARY-PURPOSES

By Benedette Cuffari

So, since this exercise in published knowledge was to establish that FoamKrete™ was stronger for conventional homebuilding (even without re-bar) what else can I say than, "Hey. Are we building a tank, or just an ordinary bullet proof house?"

This is seriouly beyond the scope of FoamKrete™. But, this paper has me thinking about the next best things, as:

1) Forming a foam ECO container home, complete with a smart solar rainwater harvesting roof, that would fit (when needed to be transported) on one of the new mid-sized electric delivery trucks I will be expermenting with in of my Biz Plan of action?

2) And what if the 80% bubbles material, that floats, was foamed into a boat hull that would bounce off a hidden reef without a scrath?

3) Something which have grown into a recycle idea of shipping a FoamKrete™ aftermixture that needs protection from moisture into containers that could be used for rainwater cisterns.

4) Where is Nepheline Cement, labled something other than FoamKrete, proving the chemistry in the field ?

Which unfortunately is Russia, during an eara of how political strife stiffling free trade business, I was delighted to find recently:

011) APISCOR_TECHNOLOGYDESCRIPTION_EN.PDF

012) APRISGEOCEMENT GEOPOLYMER CEMENT.PDF

As these are advertising PDFs from a far away foreign competor, I haven't presumed to alter their conclusions and tradenames of what is basicly Nepheline Syenite, with an actavator which is a Trade Secret. As 3D house printing is something that can really compete with tilt up form counstruction, and think ECO Housing of America could really benefit from the ease of printing a curve or castle-wall from sea protection at Waldport, or South Beach of Newport.

Already Russia has invaded Texas to build geopolymer cement housing with their patentented 3D printer. I wonder if they paid a Alumina teriff? And, I would also like to know how they got around local building codes requiring the unecessary (due to geopolymer stregnth above ordinary concrete) use of re-bar reinforcement, which of course cannot be pumped?

5) More, which has developed since first filing my Plan of Action, and an unexpected USDA response concerning "added value" to my $20 in place Oregon USA ore trying to compete with imports from Canada, China, Norway, Russia — where the same -325 ground powder is selling for $250 - $350 FOB!

This unexpected twisted answer to a Green ECO-Mining-Milling.com mining plan apparently could not be sabatoged for solid Ecological Reasons. Instead it went after the $$$s. The District Ranger's letter, which was as hard to understand as a Donald Trump tweet, follows:

USDA United States Department of Agriculture | Forest Service | Siuslaw National Forest
Central Coast Ranger District Dunes National Recreation Area | 1130 Forestry Lane Waldport, OR 97394

File Code: 2800
Date: December 12, 2018

Mr. Barry Murray
3703 East Alsea Highway
PO Box 678
Waldport, OR 97394

Dear Mr. Murray,

This letter is in response to your correspondences with the Siuslaw National Forest regarding your proposal to develop a mining operation on lands managed by the Forest Service. In your correspondences it appears you believe this material to be subjected to authorities under the United States Mining Laws, as amended, as well as Forest Service regulations at 36 CFR 228 Subpart A. Those laws and authorities address locatable minerals.

From what can be gathered from your proposal, the material you are interested in is a common variety under Forest Service regulations and is subjected to disposal under 36 CFR 228 Subpart C. Additional considerations beyond those referenced in your proposal are required before the Forest Service would consider revisiting disposal authorities. Forest Service regulations at 36 CFR 228 Subpart C outline categories under which disposal may be authorized. Additionally, "the Forest Service amended its Mineral Material Disposal regulations…to establish five categories of minerals, based on use, as disposable under the Mineral Material Sale Act of 1947, rather than available for location under the mining law (Maley; "Mineral Law," 6th ed., 1996, p.624). Forest Service regulations at 36 CFR 228.41(c) states "[t]his subpart applies to mineral materials which consist of petrified wood and common varieties of sand, gravel, stone, pumice, pumicite, cinders, clay, and other similar materials. Such mineral materials include deposits which, although they have economic value, are used for agriculture, animal husbandry, building, abrasion, construction, landscaping, and similar uses. This subpart also applies to other materials which may not be minerals but are produced using mining methods, such as peat. The categories of these materials…are: 1. Agricultural Supply and Animal Husbandry Materials; 2. Building Materials; 3. Abrasive Materials; 4. Construction Materials; and 5. Landscaping Materials.

United States Federal courts as well as Interior Board of Land Appeals have addressed material classification considerations. Criteria have been established for determining the differences between common and uncommon varieties of stone, and between common variety (mineral material) and locatable minerals classifications. McClarty v. Secretary of Interior, 408 F.2d 908 (9th Cir. 1969) and IBLA72-118: "These guidelines…are as follows: (1) there must be a comparison of the mineral deposit in question with other deposits of such minerals generally; (2) the mineral deposit in question must have a unique property; (3) the unique property must give the deposit a distinct and special value; (4) if the special value is for uses to which ordinary varieties of the mineral are put, the deposit must have some distinct and special value for such use; and (5) the distinct and special value must be reflected by the higher price which the material commands in the market place. The Court of Appeals…explained 'value' by indicating that price cannot be the exclusive way of proving that a deposit has a distinct and special

economic value attributable to the unique property of the deposit."

The Forest Service recognizes that you may have identified what you believe are special or unique values and/or uses for the material. However, because this proposal addresses mineral materials, the Forest Service cannot evaluate your proposal under the U.S. mining laws or locatable mineral authorities at 36 CFR 228 Subpart A.

If you have any additional questions, please contact Jared Richey at jrichey@fs.ed.us or at 541-367-5168.

Sincerely,

MICHELE JONES
District Ranger

Besides stopping my four years of research and development, cold, destroying a $5 million dollar go ahead finance , and forcing me to legally operate inside a five-acre exploration area (which really is not that much of a constraint when considering surface disturbance, with no tailing piles, that already was showing respect for standing trees) I have other legal complaints published on my industry magazines as www.MiningMagazines.com, www.TheProspector.com, www.MiningInvestment.com, www.The MiningInvestor.com, www.DiversifiedInvestments.net, www.WesternMiner.com.

Perhaps this is the time for an investment group to take advantage of the governments mistake, and make me an offer I cannot refuse so I can retire at 80-years old. I have a few more books to write. If you don't belong to the Unimin Cartel, or the competitive Koch Industries Georgia Pacific — my next door neighbor— then make me a reasonable offer by showing up on the prudent mining man's side, for once.

District Ranger Jones, in reply of your letter which was not the CFR required signed and certified answer to my formal filing of a USDA Forest Service **Form FS 2800-5a**, which really has nothing to do with what you are misdirecting by quoting the full citation of what happens to be what is designated a "locatable mineral" for which I have been paying $5,000 per year to the Bureau of Land Management to maintain legal title which really cannot be swept away for leasing.

As for my appealing to Mining Manager Jared Rickey for answers, let me say that is out my experience with my father, noted to the "best in the West" mining attorney in trying to deal with US Forest Service "Kangaroo Courts" which can drag on for twenty years, or more, until the appellant conveniently passes away from a "death by industrial sabotage".

I did have had a few e-mail deflections from the professional mining manager, whom was suggested I go to for "additional questions". This dead end frustrating delay resulted in my founding the ***Siuslia Mining District*** to have some sort of public voice on www.MiningDistrictsForum.com,

and locally www.OregonMiningMagazine.com, which most likely (since I own the Court of Last Resort URLs) promises to be a lively battlefield going around "Sovereign Immunity" and "Hatch Act" protection for those who agree that the rule of law belongs to those who contribute the most to "Oregon" Political Action Commities that paid for some very questionable, almost child pornographic advertising, concerning the Oregon Govenor's election.

Already on some of my First Ammendment, Fourth Estate, publications is a protected PDF titled, thanks to Stephen Cobaire ... dot dot dot... "Whose Rock Was This Rock?" dot dot dot.

I have been asking those that understand the costs of mounting a "the king can do no wrong" class action lawsuit through one of those loopholes lawyers smile about, to contribute to legal costs for actions filed by the and already I have $1,520 in the "me too" kitty.

So, now what? Also appeal to the Chief (2800), Forest Service, USDA, P.O. Box 96090, Washington, DC, or 20090-6090 to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503? Or the Trump appointed Secretary of the Department of Agriculture, and then a step-up in authority to the Secretary of the Interior stand-in for another Trump appointment who recently resigned rather that face questions on ETHICS charges.

I have used a yellow highlight to point out some of the misdirections of your unofficial letter, which may be presented as evidence in court starting with directed questions as :

In this hard to understand letter, citing Title 36, Chapter 228, Subpart A, that inappropriate questions, "***what I believe are special or unique mineral minerals... which the Forest Service cannot evaluate under U.S. mining laws***"!

Besides stopping my four years of research and development, cold, after conferencing with your USDA Geologist and her former Mining Manager, who handed me a blank copy of the form I have filled in correctly, has destroyed a $5 million dollar go-ahead transparent finance arrangement through uninformed questioning is forcing me to legally operate by going backward inside a Letter of Intent five-acre exploration area —which really is not that much of an ecological constraint when considering surface disturbance, with no tailing piles, that already was showing respect for standing trees.

I am posting my reply, and other legal complaints by publishing on my industry magazines as www.MiningMagazines.com, TheProspector.com, MiningInvestmentcom, The MiningInvestor.com, DiversifiedInvestments.net, and the very respected since 2000, www.WesternMiner.com — which I am rescueing from hack attacks by [??] to censor my spin on for public comment concerning the extreme idea that true wealth really only comes from Mother Earth

Perhaps this is the time for an investment group to take advantage of the government's mistake, and make me an offer I cannot refuse so I can retire at 80-years old. Please. I want out of this nightmare. I have a few more books to write for publishing on BannerBooks.com — as my memiors of TheProspector, which will of course include this tale.

So, investors, if you don't belong to the Unimin Cartel, or the competitive Koch Industries Georgia Pacific — my next door neighbor— then make me a reasonable offer by showing up on the prudent mining man's side, for once.

As for District Ranger Jones, in reply of your letter which was not the CFR required signed and certified answer to my formal filing of a USDA Forest Service **Form FS 2800-5a**, which really has nothing to do with what you are misdirecting by quoting the full citation of what happens to be

what is designated a "locatable mineral" for which I have been paying $5,000 per year to the Bureau of Land Management to maintain legal title which really cannot be swept away, no matter the temporary political power, for leasing.

As for my appealing to Mining Manager Jared Rickey for answers, let me say that is out my experience with my father, noted to the "best in the West" mining attorney in trying to deal with US Forest Service "Kangaroo Courts" which can drag on for twenty years, or more, until the appellant conveniently passes away from a "death by industrial sabotage" trial in court by starting with directed questions supposedly already asked and answered.

For the Moment, Ranger Jones

1) As for your quoted 36 CFR 228, Subpart A summary of regulations suggesting The District Ranger's authority to regulate mining activities is to reply to a Notice of Intent, with the suggestion to properly file a Plan of Action, as above, which has now reached 70 plus pages of documentation.

Given this plan is almost too, too TREE HUGGER GREEN, with an almost net zero surface disturbance proposal written in support of an environment needed to battle Climate Change, as demanded by BLUE STATE voters, which may be the reason said District Ranger tried to hide, by "dirty tricks" misdirection of the legal documentation for the benefit of (?) out of RED DEEP STATE "Global Warming Science Deniers" that own the private "school section" land next door, first in-line for any opportunity that would somehow open my longstanding mineral claims to common variety leasing.

See page 65 , following for the public display of the USDA understanding of how the Forest Ranger approval process is actually, legally, supposed to work.

Condemming , in your opinion, without a clear path is appeal, really happens to be an unauthorized Breech of Contract of a mining claim agreement filed in the Lincoln County, Oregon, Courthouse at Book 370; Page 463-494.

2) It was particularly egregious is that paragraphs two and three of her letter presented outdated CFR's and court decisions concerning the "special and unique values and/or uses for the material" as FoamKrete's closest competitors are China and Russia where the 3D printing of virtually fireproof housing that also stands a better chance of surviving flash flooding following a forest fire.

Somehow, the Bureau of Land Management, that uses the same CFRs to validate the claim owner's "precious metals" for which I pay a $5,000 per year claim block rental security fee, recently have been upgraded from a Homeland Security's Strategic Metals list to the Department of Interior "CRITICAL METALS". Something which cannot be changed by a fraudulent threat to lease Table Mountain out to the highest bidder.

3) Therefore any more discrimination attempts against me personally for my age, religious, ethnicity, or political beliefs, will be reported to ***USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW, Washington, DC 20250-9410.***

AND, FOR THE MOMENT, SIUSLIA NATIONAL FOREST, WHEN IT COMES TO BREACH OF CONTRACT

I did have had a few e-mail deflections from your professional mining manager, whom Ranger Jones suggested I go to for "additional questions". This dead-end frustrating delay resulted in my founding the ***Siuslia Mining District*** to have some sort of public voice on my local Oregon-MiningMagazine.net, as promised, and nationally on www.MiningDistrictsForum.com, which most likely (since I own the Court of Last Resort URLs) promises to be a lively battlefield going around "Sovereign Immunity" and "Hatch Act" protection for those who agree that the rule of law belongs to those who contribute the most to out of state "Oregon" Political Action Committees that paid for some very questionable, almost child pornographic advertising, concerning the Oregon Grosvenor's election.

Already on some of my First Amendment, Fourth Estate, publications is a protected PDF titled, thanks to Stephen Colbart ... dot dot dot... "Whose Rock Was This Rock?" dot dot dot.

I have been asking those that understand the costs of mounting a "the king can do no wrong" class action lawsuit through one of those loopholes lawyers smile about, to contribute to legal costs for actions filed by the and already I have $1,520 in the "me too" kitty. If you happen to be a minor miner with a grievance, let me know with a $100 check to join in this crusade.

So, now what? Beside a last ditch appeal to the Chief (2800), Forest Service, USDA, P.O. Box 96090, Washington, DC, or 20090-6090 to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503. Or the Trump appointed Secretary of the Department of Agriculture, and then a step-up in authority to the Secretary of the Interior stand-in for another Trump appointment who recently resigned rather that face questions on ETHICS charges.

I have used a yellow highlight to point out some of the misdirections of your Ranger Jones unofficial letter, which may be presented as evidence in court starting with directed questions to you personally (unless you beg out of my "Murray Collusion Probe") by naming names of those who mailed your Waldport letter, out of Portland. The bottom line is that I think Jones was suckered into signing a "Ranger Order" suggesting doing away with my established mineral rights —on an apparent mere misinformed whim—that the Department of the Interior which has already listed my minerals on a "CRITICAL MINERLS" list!

I am curious how the JONES LETTER of 12 December was not mailed from Waldport, or the USDA Region Six in Vancouver, WA. But, Portland? Anyhow, the gift of this letter arrived with perfect timing on Christmas Eve. Which is why I am posting my reply two months later on my 80th birthday. Enjoy your silly success, for now. I still remember how to play childish games.

Thanks —whoever is really responsible—for wiping out a lifetime of apparently time wasting friendship with the USFS. Guess I, and my Forest Service family efforts — brochures and map photos, graphics, formatting on the Spotted Owl Report (later proved wrong), and www.Oregon-TravelMagazine.com /WashingtonTravelMagazine.com (still online), kind words, and direct employment at the Wind River Nursery, and Wind River "Hot Shot" Fire Crew — had to grow up one day to reality after answering in Portland's Ainsworth Grade School, *Inkling*, that my career choice would be a US Forest Service Photographer/Writer.

U.S. Forest Service Mining Regulations – 36 CFR 228, Subpart A

Summary of regulations at 228.4(a): The District Ranger's authority to regulate mining activities is triggered by the degree of surface disturbance associated with proposed or ongoing mineral activities.

Operator reasonably concludes impacts not likely to be significant	Operator is uncertain if impacts might be significant	District Ranger concludes that impacts will likely be, or are significant
A ⟷ B	B ⟷ C	C ⟷ D
No Forest Service contact required	Submit Notice of Intent	Approved Plan of Operations required

A/B – activities not likely to cause a significant disturbance of surface resource. The following types of activities are excluded from the operator having to submit a Notice of Intent (228.4(a)(1)):

- Operations that are limited to use of vehicles on existing National Forest System (NFS) roads;
- Prospecting and sampling activities such as taking small mineral samples, gold panning, metal detecting (for mineral deposits, not cultural artifacts), non-motorized hand sluicing, battery operated dry washers, and collecting mineral specimens using hand tools;
- Marking and monumenting mining claims;
- Underground operations which will not cause significant disturbance of surface resources;
- Operations, which in their totality, will not cause surface disturbance which is substantially different than that caused by other users of the NFS who are not required to obtain FS authorizations;
- Operations which will not involve the use of mechanized earthmoving equipment, such as bulldozers or backhoes, or the cutting of trees, unless those operations otherwise might cause a significant disturbance of surface resources.

B/C – activities that might cause significant disturbance of surface resources (228.4(a)):

- Except for use of mechanized earthmoving equipment or the cutting of trees, no specific or general types of activities are listed to help trigger Notice of Intent (NOI) submission;
- NOI submission to the District Ranger (DR) is triggered by the operator's reasonable uncertainty as to the significance of the potential disturbance on surface resources;**
- When a NOI is submitted to the DR, the DR will acknowledge receipt and inform the proponent whether or not a Plan of Operations is required;
- NOI acknowledgement is not a regulatory instrument** so it is not a Federal action that triggers the National Environmental Policy Act (NEPA) and other requirements.

C/D – activities that will likely cause or are causing significant disturbance of surface resources requires the submission of a proposed plan of operations (228.4(a)(3) and (4)):

- The regulation does not list activities which would automatically fall into this category;
- Whether or not the operator submits a NOI, the DR has final authority to require a plan of operations if the DR concludes that activities will likely cause or are causing significant resource disturbances;**
- If the DR determines that operations will likely cause or are causing significant disturbance of surface resources, the operator must submit a proposed plan of operations for approval and operations cannot be conducted until a plan of operations is approved by the DR.
- A proposed plan of operations triggers NEPA and other requirements.

The phrase "*will likely cause significant disturbance of surface resources*" means that, based on past experience, direct evidence, or sound scientific projection, the District Ranger reasonably expects that the proposed operations would result in impacts which more probably than not need to be avoided or ameliorated by means such as reclamation, bonding, timing restrictions, and other measures to minimize adverse environmental impacts to NFS resources.**

** Federal Register, Vol. 70, No. 107, June 6, 2005

April 5, 2007

(d) Minerals not covered by this subpart. Mineral materials do not include any mineral used in manufacturing, industrial processing, or chemical operations for which no other mineral can be substituted due to unique properties giving the particular mineral a distinct and special value; nor do they include block pumice which in nature occurs in pieces having one dimension of two inches or more which is valuable and used for some application that requires such dimensions. Disposal of minerals not covered by this subpart is subject to the terms of the United States Mining Laws, as amended (30 U.S.C. 22 et seq.), on those portions of the National Forest System where those laws apply. Such minerals may include:

(1) Mineral suitable and used as soil amendment because of a constituent element other than calcium or magnesium carbonate that chemically alters the soil;

(2) Limestone suitable and used, without substantial admixtures, for cement manufacture, metallurgy, production of quicklime, sugar refining, whiting, fillers, paper manufacture, and desulfurization of stack gases;

(3) Silica suitable and used for glass manufacture, production of metallic silicon, flux, and rock wool;

(4) Alumino-silicates or clays having exceptional qualities suitable and used for production of aluminum, ceramics, drilling mud, taconite binder, foundry castings, and other purposes for which common clays cannot be used;

(5) Gypsum suitable and used for wallboard, plaster, or cement.

(6) Block pumice which occurs in nature in pieces having one dimension of two inches or more and which is valuable and used for some application that requires such dimensions; and

(7) Stone recognized through marketing factors for its special and distinct properties of strength and durability making it suitable for structural support and used for that purpose.

(e) Limitations on applicability. (1) The provisions of paragraphs (c) and (d) of this section shall not apply to any mining claims for which a Mineral Entry Final Certificate was issued on or before January 16, 1991. Nor shall these provisions apply to any mining claim located on or before July 23, 1955, which has satisfied the marketability test for locatable minerals from on or before July 23, 1955, until the present date.

(2) A use which qualifies a mineral as an uncommon variety under paragraph (d) overrides classification of that mineral as a common variety under paragraph (c) of this section.[49 FR 29784, July 24, 1984, as amended at 55 FR 51706, Dec. 17, 1990]

Owner's name and current mailing address:
BARRY MURRAY
POB 678
WALDPORT, OR 97394

After recording, return to (Name, Address, Zip):
BARRY MURRAY
POB 678
WALDPORT, OR 97394

SPACE RESERVED FOR RECORDER'S USE

Lincoln County, Oregon
09/19/2018 03:19:10 PM 2018-09288
DOC-MICL Cnt=1 Pgs=1 Stn=29
$5.00 $11.00 $60.00 $10.00 $7.00 - Total =$93.00

00156469201800092880010016

I, Dana W. Jenkins, County Clerk, do hereby certify that the within instrument was recorded in the Lincoln County Book of Records on the above date and time. WITNESS my hand and seal of said office affixed.

Dana W. Jenkins, Lincoln County Clerk

NAME TITLE

By _____, Deputy.

MINING CLAIM AFFIDAVIT

(PAYMENT OF FEDERAL FEES OR PERFORMANCE OF ANNUAL ASSESSMENT WORK)

STATE OF OREGON, County of LINCOLN) ss.

I, BARRY MURRAY, being first duly sworn, declare in regard to the following unpatented mining claim s:

NAME OF CLAIM	BLM RECORDS FOR LOCATION SERIAL NO.	DESCRIBED MORE FULLY IN: COUNTY OF LINCOLN MINING AND MINERAL RECORDS BOOK AND PAGE OR INSTRUMENT OR OTHER RECORDING NO.
NEPHLINE #1 THROUGH NEPHLINE #32	ORMC 151343 TO 151374	BOOK; PAGE 463 TO 494

(IF SPACE INSUFFICIENT, CONTINUE DESCRIPTION ON REVERSE)

For the assessment year ending at 12 o'clock Meridian on September 1, 2018, (check one of the two sections below and fill out where applicable):

☐ (1) If federal maintenance fee requirements have been met:

The federal fee requirements have been met by the claim owner or agent of the owner and the claim owner or agent of the owner intends to hold the above-named claim___ in good standing for the applicable assessment year.

☒ (2) If federal qualifications for maintenance fee waiver have been met including filing certified statement of maintenance fee waiver.

The following annual labor has been performed or improvements have been made for the above-named claim___:

Number of days labor performed: 50 Value of Improvements: $5,000

Character and location of improvements: BULK SAMPLING, MILLING TESTS, CHEMICAL RATIO FORMULATION EXPERIMENTS

Dates of performing labor and making improvements: JUNE TO AUGUST 2018

Performed at request of and for the benefit of: BARRY MURRAY

Performed by: BARRY MURRAY, ROBERTA DICKERSON, MICHEAL McTIERNAN, HAROLD BENJAMIN

Amount paid and by whom paid (if work done by person other than owner):

4) Why is a handy Swiss Army Knife of Nepheline/Silicon the one "Smart Element" other lifeforms could be based On?

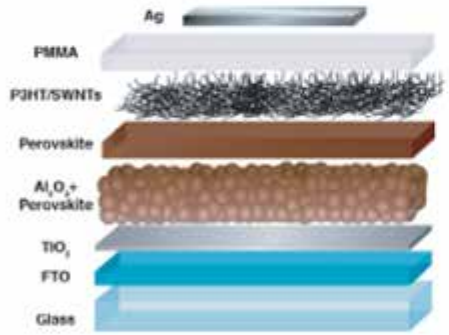
Because, just like exploited Carbon, it is tetravalent. Which means that each atom can share an electron with four others.

Which leads us right into a new nano discovery from very old rocks as a possibility for Foam-Krete™ to have built-in thin film solar. I am too tired to try and sell this one to resisters on anything beyond their 1900's ideas of how things work— but someone will have fun with this.

Perovskite Solar Cells

Work on solar cells using perovskite material has advanced rapidly as a result of the material's excellent light absorption, charge-carrier mobilities, and lifetimes, resulting in high device efficiencies with significant opportunities to realize a low-cost, industry-scalable technology. This potential for low cost and scalability requires overcoming barriers related to stability and environmental compatibility. However, if these concerns are addressed, a perovskite-based technology holds transformational potential for rapid terawatt-scale solar deployment. The basic materials properties have also sparked interest in using the hybrid perovskite semiconductors in a broader class of energy applications that span traditional electronic and optical systems.

In a few short years, the National Center for Photovoltaics (NCPV) has made significant technical contributions to research in perovskites, as demonstrated by a large number of field-leading publications and significant interest by industry. The NCPV's impact has been enabled by short-term Laboratory Directed Research and Development (LDRD) funding and early investments from the Department of Energy's (DOE's) Office of Science, Office of Basic Energy Sciences (BES), Solar Photochemistry program, followed by efforts funded by DOE's Office of Energy Efficiency and Renewable Energy that focused on photovoltaics (PV). To date, NCPV scientists have more than 60 articles (http://nrel-primo.hosted.exlibrisgroup.com/primo_library/libweb/action/search.do?



Notice the Al2O3 + Perovskite in thin film for FoamKrete™ walls and roof housing

PV Research (/pv/re-search.html)

Other Materials & Devices pages:

High-Efficiency Crystalline PV (/pv/high-efficiency-crystalline-photovoltaics.html)

Polycrystalline Thin-Film PV (/pv/polycrystalline-thin-film-photovoltaics.html)

Perovskite and Organic PV (/pv/perovskite-organic-photovoltaics.html)

Advanced PV (/pv/accelerated-testing-

Projects

A history of our funded research in perovskites includes the following:

- ***LDRD 1 — High-Performance Perovskite Solar Cells.*** NREL's first funded (FY 2014FY 2015) perovskite-based project geared toward understanding the fundamental nature of the device structure. This project initiated much of the present program at NREL.
- ***NEXT Gen III — Ultrahigh-Efficiency and Low-Cost Polycrystalline Halide Perovskite Thin-Film Solar Cells.*** (FY 2015FY 2018). Focus is on developing high-efficiency multijunction perovskite-based solar cells. Key challenges include developing lower-bandgap perovskite material and tunnel junctions to connect the subcells in series.