

APPENDIX R-B
Revised Tree Survey

Arborist Report

Idaho Maryland Mine Project

Prepared for:

**Idaho Maryland Mining Corporation
179 Clydesdale Court
Grass Valley, CA 95945**

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Arborist Report For The Idaho Maryland Mine Project

Executive Summary

At the request of the Idaho Maryland Mining Corporation (IMMC), Randall Frizzell and Associates conducted a tree survey on the IMMC property in Grass Valley, California, that is proposed for reopening of the historic Idaho Maryland Mine.

The original tree survey was conducted in September 2004 for the purpose of reviewing all native trees 8" diameter or greater that are located in the affected area of the mine project. Based on the revised site plans of December 2006, the trees were resurveyed in December 2006 and January 2007. The trees were evaluated onsite and by reviewing the survey map to determine the number of trees to be affected by the construction. Thirty-seven treed acres of the project property has been set aside as excluded areas; the project will not impact the trees in these areas. The number of trees on this portion of the IMMC property was estimated using the tree inventory data and sample plots.

A spreadsheet for all of the trees inventoried is included in the report, as well as a spreadsheet for the trees that will be impacted by the project and are recommended for removal. Randall Frizzell and Associates estimated that there are six thousand and thirteen trees (6,013) on the IMMC property. One thousand eight hundred eighty-four trees (1,884) are located within the proposed project site and four thousand one hundred and twenty-nine trees (4,129) are located in areas that are excluded from the project and will not be impacted. Based upon the site maps and the tree inventory, one thousand two hundred and seventeen (1,216) trees or 20% of the total number of trees are recommended for removal. Twenty-six per cent (26%), 316 trees, of the recommended tree removals are in poor to very poor health and are not considered in the tree loss total for mitigation. The remaining nine hundred and five (905) trees recommended for removal are in excellent to fair health. Therefore, 15% of the total number of trees (6,013) on the IMMC property are recommended for removal due to project impacts.

The number of trees located on each site is: 5,731 on the Idaho-Maryland site of which 1,602 are located in the areas to be developed; 139 for the Round Hole site of which 36 are in the areas to be developed; and 143 for the New Brunswick site of which none are in the area to be developed. A total of 1,884 trees are situated on the three project properties of which a total of 1,216 will need to be removed, 1,180 from the Idaho-Maryland site, 36 from the Round Hole site, and none from the New Brunswick site.

Of the 5,731 trees on the Idaho-Maryland site, 4,129 in the area outside of the area proposed for development. The total number of trees that are expected to be removed is 1,180, or 20 percent of the total number of trees on that site. Of those that will need to be

removed, a total of 316, or 26 percent, are in poor or very poor health. Subsection 2.3, B.3 of the Project Description (Section 1.0) summarizes the tree survey information developed for the project. The tree surveys for each site are illustrated in Plates 7A through 7C, and contained in Appendix R-B to this application which is an update of that in Volume III, Appendix B.

Introduction

The Idaho Maryland Mine Project is located east of downtown Grass Valley, (see location map). The Emgold Mining Corporation (Emgold) through its wholly owned subsidiary, IMMC, seeks to reopen the historic Idaho Maryland Mine. The three IMMC properties proposed for mining development total 146 acres: 1.) The New Brunswick (NB) site consists of 37 acres; 2.) The Round Hole (RH) site is a 1-acre easement; 3.) The Idaho Maryland Mine (IMM) site is 101 acres that includes the West Bet property of 56 acres and the IMMC property of 45 acres that was formerly the Lausman Sawmill site.

- 1.) The New Brunswick (NB) site will be developed for mine ventilation, emergency access and as a location for dewatering activities.
- 2.) The Round Hole (RH) site will be developed for an underground ventilation shaft and an alternative worker emergency exit.
- 3.) The Idaho Maryland Mine (IMM) site is proposed for the mine and a ceramics plant operation complex.

The IMMC Project will include the staged construction and operation of a 2400 short tons per day gold mine and mill, as well as a manufacturing plant for ceramic tile, brick and building materials. The ceramic plant will use the gold mine development rock and tailings as stock material.

Assignment

The assignment for the Preliminary Arborist Report is as follows:

1. Inventory all trees 8" diameter and greater within areas defined as development sites.
2. Identify trees that will need to be removed for development activities.
3. Discuss Tree Protection Guidelines.

Site maps and aerial photos were provided by IMMC for the tree inventory. Building footprints, parking, storage, roads, retention ponds, stockpiles and other facilities were plotted on the site maps. The maps did not include any cut and fill descriptions that may be necessary: the trees were not evaluated for impact from this type of activity.

Site Description

The proposed project is located in Nevada County, east of the City of Grass Valley at approximately 2,650 feet in elevation. Most of the mining operations will occur on a site located between Idaho-Maryland Road and East Bennett Road, with portions fronting Centennial Drive. Additional operations will take place on a site located between Whispering Pines Lane, Idaho-Maryland Road and Brunswick Road, and a site located south of East Bennett and Brunswick Road.

New Brunswick Site (NB): The South Fork of Wolf Creek is located 300 feet south of the New Brunswick shaft. The NB site supports a variety of tree species, including but not limited to: ponderosa pine (*Pinus ponderosa*), incense cedar (*Calocedrus decurrens*), black oak (*Quercus kelloggii*), madrone (*Arbutus menziesii*), big leaf maple (*Acer macrophyllum*), black walnut (*Juglans californica*), willow sp. (*Salix sp.*), plum and cherry sp. (*Prunus sp.*), cottonwood (*Populus fremontii*), and California dogwood (*Cornus nuttallii*). Scattered old apple trees are also present on the site. Fremont Cottonwood and willows are found in drainages or lower areas with more available soil moisture. Black walnuts occur in a row along the north side of the meadow/grassland. Native perennial grasses are also found in the open meadow area.

Round Hole Site (RH): The Round Hole site supports a mixed coniferous forest with chaparral brush species in the understory. The dominant overstory trees include grey pine (*Pinus sabiniana*), ponderosa pine, incense cedar, sugar pine (*Pinus lambertiana*), and black oak. Understory brush species include manzanita sp. (*Arctostaphylos sp.*), buckbrush (*Ceanothus cuneatus*), and coffeeberry (*Rhamnus californica*).

Idaho-Maryland Mine Site (IMM): Wolf Creek flows along the northern portion of the IMM site through a mixed coniferous forest, open grassland and low brush. A berm along the east side of the IMM site contains a pond on adjacent property. This pond drains onto the IMM site, creating a small meadow, inhabited by cottonwoods and willows.

The site supports a mixture of coniferous, meadow/grassland, chaparral and riparian plant species. Ponderosa pine and Grey pine are the dominant conifers. The brushy chaparral-like areas include blue oak (*Quercus douglasii*), whiteleaf manzanita (*Arctostaphylos vicida*), ceanothus, yerba santa (*Eriodictyon californicum*), and coffee berry. The moister sites and drainages support cottonwood, white alder (*Alnus rhombifolia*), and willow.

Methods

Andregg Geomatics conducted an aerial photography survey of the Idaho-Maryland site in the winter of 2004 at the request of the IMMC. Elevation, vegetation cover and property boundaries were plotted on the aerial maps. In addition, a tree survey was conducted within the designated project site for all trees greater than 8". Each tree was tagged with a number by the surveyors and plotted on the aerial maps. Randall Frizzell and Associates used the aerial maps during the field inventory to locate all the trees. All

tree inventory data was referenced to the surveyed tree tag number. Each tree was identified with respect to species, diameter, condition, and defects.

The inventoried trees were evaluated individually for condition using a 5-point rating system. The following five categories were used to classify each tree's condition: excellent; good; fair; poor or very poor. The condition of each tree was evaluated using the following descriptions:

Excellent. A healthy, vigorous tree, free of signs and symptoms of disease, with good structure and form typical of the species. It is rare that a tree qualifies in this category.

Good. A healthy, vigorous tree, reasonably free of signs and symptoms of disease, overall good structure, minor structural defects that could easily be rectified

Fair. Tree with a moderate vigor, moderate twig and small branch dieback, thinning of crown, poor leaf color, moderate structural defects that might be mitigated with regular care.

Poor. Tree in decline, epicormic growth, extensive dieback of medium to large branches, epicormics, and significant structural defects that cannot be mitigated.

Very Poor. Tree in a severe decline, dieback of scaffold branches and/or trunk. Most of foliage from epicormics: extensive structural defects that cannot be mitigated.

Based upon a review of the site plans, tree location and condition, Randall Frizzell and Associates selected the trees that will be impacted by the project. Any tree within a building footprint, adjacent to a footprint, within parking, road, retention pond and gravel or storage sites, was automatically selected for removal. Additional evaluations (suitability for preservation) for tree retention or removal were based upon proximity of the development to the tree root system, condition and size of the tree, and use of the immediate site.

Some areas of the IMM site and the NB site were excluded from the tree inventory, as the project will not impact the trees on these sites (see Appendix 5 maps). The number of trees that will be preserved on the excluded sites was estimated by analyzing the tree density on three 100 ft X 100 ft sample plots with similar tree cover within the inventoried area.

Determination of Suitability for Preservation for Retained Trees

The goal of tree preservation is to have trees remain assets on the site for years to come. Trees that are preserved on project sites, therefore, must be carefully selected to make sure that they will survive construction impacts, adapt to a new environment, and perform well in the landscape.

A suitability evaluation also involves consideration of the tree species, as species vary widely in ability to withstand damage and changes in the environment. Some trees tolerate a significant loss of roots, while others decline with much less interference. In addition, mature and over-mature trees are less able to tolerate construction impacts and remain assets than are young and semi-mature individuals.

Healthy, vigorous trees are better able than nonvigorous trees to tolerate impacts such as root injury, changes in soil grade and moisture, and soil compaction. Moreover, healthy trees are better able to acclimate to the new site conditions that occur after development.

Evaluation of Impacts to Retained Trees

The type of construction that will occur around the existing trees on a site and how it will be executed has a great influence on tree survival and growth. The degree of impact from building and cut and fill construction depends on the depth of excavation, width of the cut, depth of fill and the distance from the edge of the tree. The effects of those changes on tree health and stability can be estimated based on construction design and the location of the tree root system.

The most significant direct injury to a retained tree that will occur on the project site will be *injury to tree roots*. Tree roots generally extend great distances: as much as two to three times the diameter of the crown¹. Typically, most roots are within the top 3 feet of soil, and most of the fine roots active in water and nutrient absorption are in the top 12 inches. In most situations, roots are shallow and asymmetrical in spread. Therefore, developing a site is seldom possible without impacting tree roots to some extent. Although many people consider 12 to 18 inch excavations minor, the root damage involved can cause severe problems for trees. Soil compaction for roads and parking also causes an impact to the available soil oxygen and water for the trees.

There are two considerations in evaluating root disturbance: removal of absorbing roots and removal of support or anchoring roots. Removing the shallow, absorbing roots can cause immediate water stress. The ability of the tree to survive that impact is linked to its tolerance of water stress and ability to form new roots rapidly. The species of the tree, maturity, condition and percent of root zone impact will help to determine whether a tree will survive the impact and should be retained or removed. Some trees within close proximity to the project may be recommended for removal at a later date due to the estimated loss of roots and inability of the tree to recover from the injury.

Another type of injury to trees from construction work will include *grade changes*. Lowering the grade around trees has an immediate and long-term effect on trees. The cut removes roots and also reduces soil moisture near the cut face. The immediate effect is

¹ Matheny, Nelda J.R. Clark. Trees and Development. A Technical Guide to Preservation of Trees During Land Development. 1998. International Society of Arboriculture, Champaign, Ill.

water stress due to root removal. The long-range effects may be chronic stress due to lack of water and minerals and reduced structural stability.

Another direct injury to a tree that may occur will be physical damage to the tree trunk or crown from equipment operation. Wounds or other openings in the tree permit decay organisms to enter the tree and infect the wood. Arboricultural treatments can encourage minimizing the extent of the decay, such as pruning to remove a broken branch. But a tree's response to the injury is related to its health, a vigorous tree is best able to resist the spread of decay. Older or unhealthy trees are less able to resist decay and decay can spread rapidly, eventually rendering the tree structurally unstable.

Fill soil placed around tree trunks is very damaging. The fill holds moisture around the trunk and alters normal gas exchange. Over time, disease and decay may develop in the original root crown and buttress roots. This is especially true of most oak species. These are responses that may not be fully expressed for many years to follow.

Indirect impacts to trees are the result of changes to the site that may cause the tree to decline, even when the tree is not directly injured. The effect of the altered soil moisture and oxygen due to compaction may have also a negative impact on trees. Rather than dying quickly, trees may decline gradually and eventually reach the point that removal is required. This pattern is typical when impacts are indirect and cause chronic stress to which the tree never adapts. Insects or diseases that successfully attack the tree may ultimately cause the tree to die. A tree may survive short-term changes adequately but become structurally unstable over a period of years as decay develops in the roots, trunk or crown. Preserving trees requires retention strategies during development and construction.

The best method for ensuring tree protection on a construction site is the identification of a **Tree Protection Zone (TPZ)**. The recommended guidelines for establishing a TPZ are discussed in detail in *Appendix 5* in the *Tree Preservation Guidelines*. Projects that consider trees early in the design process and during construction rarely cause short-term tree death.

Results

The three IMMC properties (IMM, NB, RH) proposed for the mining project total 146 acres. Only a portion of this acreage will be affected by project development. The remaining acreage, referred to as "excluded" areas, is not scheduled for development and is anticipated to remain as natural habitat. There are approximately 37 treed acres of mixed coniferous/oak woodland/grassland habitat in the excluded areas.

Tree Inventory for the Excluded (Natural Habitat) Areas

As discussed previously, the trees in the excluded areas will not be affected by the project development. An individual evaluation of each tree is not required for trees outside of the impact zone.

The excluded areas do contribute significantly to the environmental preservation, esthetics and screening of the IMMC property. Therefore, an evaluation of the number of trees to be preserved on these sites is an important component of overall impact of the project.

Using aerial photos to compare tree cover between the project development sites and the excluded areas, three 100ft X 100ft sample plots from the inventoried areas were matched to the tree cover on the excluded areas. The average tree density for the three sample plots was calculated from the tree survey (26 trees per 10,000 sq. ft). The total square feet of the treed excluded area is 1,587,923 sq.ft. Dividing the total excluded area by the plot size (10,000 sq.ft.) and multiplying by the average tree density per 10,000 sq.ft (26 trees), the estimated number of trees in the excluded areas is 4,129 trees.

Tree Inventory for the Proposed Project Area

Randall Frizzell and Associates inventoried one thousand eight hundred and eighty-four (1,884) trees within the proposed project area of the IMM, NB, and RH sites. The total number of each species inventoried is as follows:

820	Ponderosa Pine
484	Cottonwood
218	Grey Pine
105	Madrone
90	Incense Cedar
74	Black Oak
42	White Alder
13	Walnut
11	Big Leaf Maple
10	Locust
8	Willow sp.
3	Live Oak
3	McNab Cypress
2	Sugar Pine
1	Douglas Fir

1884 TOTAL

The individual data results for each surveyed tree are presented in a spreadsheet in *Appendix 1*. A summary of the number of trees in each of the three sites (IMM, NB, RH) is presented in *Appendix 2*.

Randall Frizzell and Associates compared the site plans with the tree locations and condition data and selected the trees that will be directly impacted by project construction and facility use. A second evaluation was made for trees that were in poor or very poor condition; these trees would not survive the development impacts due to poor health or are considered hazardous. One thousand two hundred and twenty-one (1,221) trees are recommended for removal within the project impact area. The trees recommended for removal are listed in *Appendix 3*.

Tree Inventory Summary

Approximately six thousand and thirteen (6,013) trees occur on the IMMC property. The total number of trees on the IMMC property is estimated from the Tree Inventory of project site (1,884) and the extrapolated estimate for the number of trees on the excluded areas (4,129). One thousand two hundred and twenty-one (1,221) trees are recommended for removal; this is 20% of the total number of trees on the IMMC property.

Additionally, of the 1,221 recommended removals, two hundred thirty-three (233) trees are in poor health and eighty-three (83) trees are in very poor health. Therefore, three hundred and sixteen trees (316) or 26% of the trees recommended for removal are in poor to very poor health. Typically, within the project review process, no replacement trees or mitigation is required for trees with poor to very poor health ratings due to hazardous condition, imminent failure or mortality. Only trees within the excellent to fair rating are considered for mitigation.

Nine hundred and five (905) trees that are recommended for removal are in excellent, good or fair health or 15% of the total number of trees on the IMMC property.

Discussion

Approximately, 69% (4,129 trees) of the trees on the IMMC property are located outside of the impact zone of the proposed project (referred to as “excluded” areas). These areas contribute significantly to preserving the native plant community and natural environmental setting of the city of Grass Valley. As discussed previously, the excluded sites also help to maintain the esthetic landscape of the project and in some locations, provide a buffer or natural screening. Additionally, the sites are also important ecologically as they maintain wildlife corridors and habitat within the forest/woodland and riparian areas of the Wolf Creek system and other preserved natural areas in close proximity, such as Empire Mine State Historic Park (Union Hill and the Bennett St. grassland).

Recommendations

1. The majority of the IMMC project site was historically impacted by mining activities; the forest and woodland trees were harvested extensively in the late 1800's and early 1900's. The current tree stands in the excluded areas are second and third growth, as are most of the forest and woodland communities surrounding Grass Valley. Typically, such stands are dense due to lack of natural fire (fire suppression) and forest management. The risk of wildfire within the wildland-urban interface in the Grass Valley-Nevada City area is high in these second and third growth forests. Firesafe issues and projects are actively being pursued in Nevada County to address the high fuel loads.

The excluded areas of the project are valuable assets to the natural environment of Grass Valley. Reducing the amount of fuel on the site would further enhance preservation of the excluded areas by reducing competition within the tree stands. An additional benefit of reducing the fuel levels would be a decreased risk of wildfire; this is a direct benefit to the preserved excluded areas and to the Grass Valley community, as the treatments would create Firesafe zones or buffers. **Enhancing the preservation of native tree stands on the project site would be a valuable and successful mitigation method to address the loss of trees in impacted areas.**

2. I recommend that a Project Arborist continue to be involved in the proposed project in the following ways:

- a. Assess potential impacts to retained trees by reviewing all site plan changes for potential impact to retained trees.
- b. Coordinate any required tree work such as pruning and spraying (to prevent bark beetle infestation), as needed.
- c. Monitor trees during construction. Reconcile plans and field conditions. Identify and treat damage. Monitor any necessary grading near retained trees and root prune as needed.
- d. Identify any additional trees that should be removed due to structural instability or defects, or inability to survive construction impacts based upon any necessary site plan changes.

Appendix 1 Tree Inventory

Appendix 1
Tree Inventory January 2007

	New Brunswick (NB)	Round Hole (RH)	Idaho Maryland (IM)	
By Area and Species	Area			
Species	NB	RH	IM	Grand Total
Ponderosa Pine	31	72	719	822
Cottonwood	21	1	462	484
Grey Pine			216	216
Madrone	27	4	74	105
Black Oak	24	34	16	74
Walnut	13			13
Locust		6	4	10
Willow	1		7	8
LiveOak			3	3
Cypress			3	3
Sugar Pine		2		2
Douglas Fir			1	1
White Alder			42	42
Incense Cedar	22	20	48	90
Big Leaf Maple	4		7	11
Grand Total	143	139	1602	1884

Appendix 2

Trees Species per Site Location

Appendix 2
Trees Species per Site Location

Species	New Brunswick	Idaho Maryland	Round Hole	Total
Ponderosa Pine	31	719	70	820
Cottonwood	21	462	1	484
Grey Pine		216	2	218
Madrone	27	74	4	105
Cedar	22	48	20	90
Black Oak	24	16	34	74
Alder		42		42
Walnut	13			13
Maple	4	7		11
Locust		4	6	10
Willow	1	7		8
Live Oak		3		3
Cypress		3		3
Sugar Pine			2	2
Douglas Fir		1		1
Total	143	1602	139	1884

Appendix 3

Trees Recommended for Removal

Appendix 3

Trees Recommended for Removal

	New Brunswick (NB)	Round Hole (RH)	WestBet (WB)
By Area and Species	Area		
Species	RH	IMM	Grand Total
Ponderosa Pine	19	502	521
Cottonwood	1	403	404
Grey Pine		156	156
Madrone	1	66	67
Black Oak	6	10	16
Locust	5	1	6
Willow		1	1
LiveOak		2	2
Cypress		2	2
Douglas Fir		1	1
(blank)			
White Alder		4	4
Incense Cedar	4	30	34
Big Leaf Maple		2	2
Grand Total	36	1180	1216

Appendix 4 Excluded Area Maps

(refer to IMMC Plate Nos. 7A through 7D)

Appendix 5

Tree Preservation Guidelines

Appendix 5 Tree Preservation Guidelines

Demolition and Site Clearing Tree Protection Specifications

The following work must be accomplished before any demolition or site-clearing activity occurs within 100 feet of trees:

1. The demolition contractor is required to meet with the project arborist at the site prior to beginning work to review all work procedures, access and haul routes, and tree protection measures. The limits of all tree protection zones shall be staked by the project arborist and contractor in the field.
2. Tree(s) to be removed that have branches extending into the canopy of tree(s) to remain must be removed by a qualified arborist and not by demolition or construction contractors. The qualified arborist shall remove the tree in a manner that causes no damage to the tree(s) and understory to remain.
3. Any brush clearing required within the tree protection zone shall be accomplished with hand-operated equipment. Trees to be removed shall be felled so as to fall away from tree protection zones and to avoid pulling and breaking of roots of trees to remain. If roots are entwined, the project arborist may require first severing the major woody root mass before extracting the trees. This may be accomplished by cutting through the roots by hand, with a rock saw, chainsaw, or other approved root-pruning equipment. [Specific areas will be shown on an addendum].
4. Trees to be removed from within the tree protection zone shall be removed by a qualified arborist. The trees shall be cut near ground level and the stump ground out.
5. All downed brush and trees shall be removed from the tree protection zone either by hand or with equipment sitting outside the tree protection zone. Extraction shall occur by lifting the material out, not by skidding it across the ground.
6. Brush shall be chipped and placed in the tree protection zone to a depth of 6 inches.
7. Structures and underground features to be removed within the tree protection zone shall use the smallest equipment possible, and operate from outside the tree protection zone. The consultant shall be on site during all operations within the tree protection zone to monitor demolition activity.
8. All trees shall be pruned in accordance with pruning specifications provided by the project arborist.

9. A fence type (to be specified) shall be erected to enclose the tree protection zone.
10. Any damage to trees due to demolition activities shall be reported to the project arborist within 8 hours so that remedial action can be taken. Timeliness is critical to tree health.

Construction Tree Protection Specifications

1. Before beginning work, the contractor is required to meet with the project arborist at the site, to review all work procedures, access routes, storage areas, and tree protection measures.
2. Fences have been erected to protect trees to be preserved. Fences define a specific protection zone for each tree or group of trees. Fences are to remain until all site work has been completed. Fences may not be relocated or removed without the written permission of the project arborist.
3. Construction trailers and traffic and storage areas must remain outside fenced areas at all times.
4. All underground utilities and drain or irrigation lines shall be routed outside the tree protection zone. If lines must traverse the protection area, they shall be tunneled or bored under the root zone.
5. No materials, equipment, spoil, waste or washout water, fuel, or oil may be deposited, stored, or parked within the tree protection zone (fenced area).
6. Additional tree pruning required for clearance during construction must be approved by the project arborist and performed by a qualified arborist and not by construction personnel.
7. Any herbicides placed under paving materials must be safe for use around trees and labeled for that use. Any pesticides used on site must be tree –safe and not easily transported by water.
8. If injury should occur to any tree during construction it shall be reported to the project arborist within 8 hours so that remedial action can be taken. Timeliness is critical to tree health.
9. it should be evaluated as soon as possible b the consultant so that appropriate treatments can be applied.

10. Any grading, construction, demolition, or other work that is expected to encounter tree roots must be monitored by the project arborist. [Specific locations or tree tag numbers shall be identified in an addendum].
11. All trees shall be irrigated on a schedule to be determined by the project arborist. Each irrigation shall wet the soil within the tree protection zone to a depth of 24 inches.
12. Erosion control devices such as fencing, debris basins, and water diversion structures shall be installed to prevent siltation and/or erosion within the tree protection zone.
13. Before grading, pad preparation, or excavation for foundations, footings, walls, or trenching, roots shall be cut by manually digging a trench or using an *air-spade* and cutting exposed roots with a saw, rock saw, or other approved root-pruning equipment. [Specific areas will be identified in an addendum].
14. Any roots damaged during grading or construction shall be exposed to sound tissue and cut cleanly with a saw.
15. If temporary haul or access roads must pass over the root area of trees to be retained a roadbed of 6-inches of mulch or gravel shall be created to protect the soil. The roadbed material shall be replenished as necessary to maintain a 6-inch depth. [These areas will be identified in an addendum].
16. Spoil from trenches, basements, or other excavations shall not be placed within the tree protection zone, either temporarily or permanently. The stockpile locations shall be approved by the project arborist.
17. No burn piles or debris pits shall be placed within the tree protection zone. No ashes, debris, or garbage may be dumped or buried within the tree protection zone.
18. Maintain fire-safe areas around fenced areas. Also, no heat sources, flames, ignition sources, or smoking is allowed near mulch of trees.

Assumptions and Limiting Conditions

1. Any legal description provided to the consultant/appraiser is assumed to be correct. Any titles and ownership to any property are assumed to be good and marketable. No responsibility is assumed for matters legal in character. Any and all property is appraised or evaluated as though free and clear, under responsible ownership and competent management.
2. It is assumed that any property is not in violation of any applicable codes, ordinances, statutes, or other governmental regulations.
3. Care has been taken to obtain all information from reliable sources, all data has been verified insofar as possible; however, the consultant/appraiser can neither guarantee nor be responsible for the accuracy of information provided by others.
4. The consultant/appraiser shall not be required to give testimony or to attend court by reason of this report unless subsequent contractual arrangements are made, including payment of an additional fee for such services as described in the fee schedule and contract of engagement.
5. Loss or alteration of any part of this report invalidates the entire report.
6. Possession of this report or a copy thereof does not imply right of publication or use for any purpose by any other than the person to whom it is addressed, without the prior expressed written or verbal consent of the consultant/appraiser.
7. Neither all nor any part of the contents of this report, nor copy thereof, shall be conveyed by anyone, including the client, to the public through advertising, public relations, news, sales, or other media, without the prior expressed written or verbal consent of the consultant/appraiser, particularly as to value conclusions, identity of the consultant/appraiser, or any reference to any professional society or institute or to any initialed designation conferred upon the consultant/appraiser as stated in his qualifications.
8. This report and any values expressed herein represent the opinion of the consultant/appraiser, and the consultant/appraiser's fee is in no way contingent upon the reporting of a specified value, a stipulated result, the occurrence of a subsequent event, nor upon any finding to be reported.
9. Sketches, diagrams, graphs, and photographs in this report, being intended as visual aids, are not necessarily to scale and should not be construed as engineering or architectural reports or surveys.
10. Unless expressed otherwise: 1) information contained in this report covers only those items that were examined and reflects the condition of those items at the time of inspection; and 2) the inspection is limited to visual examination of accessible items without dissection, excavation, probing, or coring. There is no warranty or guarantee,

expressed or implied, that problems or deficiencies of the plants or property in question may not arise in the future.

11. This report is based on the observations and opinions of Randall Frizzell, and does not provide guarantees regarding the future performance, health, vigor, structural stability, or safety of the plants described herein. The author assumes no responsibility for the safety of the people or the property in the vicinity of the trees described in this report.
12. The legal description, dimensions, and areas herein are assumed to be correct. No responsibility is assumed for matters that are legal in nature.
13. Any change to an established tree's environment can cause its decline, death and/or structural failure.

Curriculum Vitae for Randall Frizzell

Background

- Redwood State Park, 1971-1972, Forest Restoration
- US Forest Service intermittent from 1969 through 1975, Silviculture
- Bachelor of Science, Environmental Horticulture. Cal Poly, San Luis Obispo
- Tree Maintenance Contractor since 1976
- Certified Arborist since 1984.
- Registered Consulting Arborist since 1995.

Qualifications

- Registered Consulting Arborist #361 (*American Society of Consulting Arborists*)
- Certified Arborist (WCISA) #118 (*International Society of Arboriculture*)
- State Contractor License 737859
- State Pest Control Operator #QL35004

Specialties

- Tree Preservation / Building with Trees
- Plant materials selection and establishment
- Insurance and Loss Appraisals
- Diagnostics / Forensics
- Tree Inventories
 - ⇒ Site Development
 - ⇒ Tree Safety Programs
- Tree Retention Plans, Revegetation/Mitigation Plans, and Maintenance Programs
- Training in all aspects of tree care and maintenance
- Expert Witness

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- Gard Tree Assessment and Valuation, Colfax, David Frank, Esquire, (530) 887-8585
- Tree Management & Replacement Plan for Camanche South Shore, East Bay Municipal Utility District, Paul Watkins, (209) 763-5061
- Assessment of the Condition of Valley Oaks at Chaw'se Indian Grinding Rock State Historic Park, California State Parks. June 2000. Wayne Harrison, Resource Ecologist, (209) 795-3488.

Memberships

- American Society of Consulting Arborists
- International Society of Arboriculture
- California Tree Failure Report Program
- California Urban Forests Council
- California Oak Foundation

APPENDIX B
TREE SURVEY

Preliminary Arborist Report

Idaho Maryland Mine Project

Prepared for:

**Idaho Maryland Mining Corporation
179 Clydesdale Court
Grass Valley, CA 95945**

October 2004

Prepared by:

**Randall Frizzell and Associates
Registered Consulting Arborist, ASCA #361
228 Commercial St., #520
Nevada City, CA 95959**

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Preliminary Tree Arborist Report For The Idaho Maryland Mine Project

Executive Summary

At the request of the Idaho Maryland Mining Corporation (IMMC), Randall Frizzell and Associates conducted a tree survey on the IMMC property in Grass Valley, California, that is proposed for reopening of the historic Idaho Maryland Mine.

The tree survey was conducted in September 2004 for the purpose of reviewing all native trees 8" diameter or greater that are located in the affected area of the mine project. The trees were evaluated onsite and by reviewing the survey map to determine the number of trees to be affected by the construction. Thirty-seven treed acres of the project property has been set aside as excluded areas; the project will not impact the trees in these areas. The number of trees on this portion of the IMMC property was estimated using the tree inventory data and sample plots.

A spreadsheet for all of the trees inventoried is included in the report, as well as a spreadsheet for the trees that will be impacted by the project and are recommended for removal. Randall Frizzell and Associates estimated that there are six thousand and fifteen trees (6,015) on the IMMC property. One thousand eight hundred eighty-six trees (1,886) are located within the proposed project site and four thousand one hundred and twenty-nine trees (4,129) are located in areas that are excluded from the project and will not be impacted. Based upon the site maps and the tree inventory, one thousand and twenty-nine (1,029) trees or 17% of the total number of trees are recommended for removal. Twenty-five per cent (25%) of the recommended tree removals are in poor to very poor health and are not considered in the tree loss total for mitigation. The remaining seven hundred and sixty-four (764) trees recommended for removal are in excellent to fair health. Therefore, 12.7% of the total number of trees (6,015) on the IMMC property are recommended for removal due to project impacts.

Introduction

The Idaho Maryland Mine Project is located east of downtown Grass Valley, (see location map). The Emgold Mining Corporation (Emgold) through its wholly owned subsidiary, IMMC, seeks to reopen the historic Idaho Maryland Mine. The three IMMC properties proposed for mining development total 146 acres: 1.) The New Brunswick (NB) site consists of 37 acres; 2.) The Round Hole (RH) site is a 1-acre easement; 3.) The Idaho Maryland Mine (IMM) site is 101 acres that includes the West Bet property of 56 acres and the IMMC property of 45 acres that was formerly the Lausman Sawmill site.

- 1.) The New Brunswick (NB) site will be developed for mine ventilation, emergency access and as a location for dewatering activities.
- 2.) The Round Hole (RH) site will be developed for an underground ventilation shaft and an alternative worker emergency exit.
- 3.) The Idaho Maryland Mine (IMM) site is proposed for the mine and a ceramics plant operation complex.

The IMMC Project will include the staged construction and operation of a 2400 short tons per day gold mine and mill, as well as a manufacturing plant for ceramic tile, brick and building materials. The ceramic plant will use the gold mine development rock and tailings as stock material.

Assignment

The assignment for the Preliminary Arborist Report is as follows:

1. Inventory all trees 8" diameter and greater within areas defined as development sites.
2. Identify trees that will need to be removed for development activities.
3. Discuss Tree Protection Guidelines.

Site maps and aerial photos were provided by IMMC for the tree inventory. Building footprints, parking, storage, roads, retention ponds, stockpiles and other facilities were plotted on the site maps. The maps did not include any cut and fill descriptions that may be necessary: the trees were not evaluated for impact from this type of activity.

Site Description

The proposed project is located in Nevada County, east of the City of Grass Valley at approximately 2,650 feet in elevation. Most of the mining operations will occur on a site located between Idaho-Maryland Road and East Bennett Road, with portions fronting Centennial Drive. Additional operations will take place on a site located between Whispering Pines Lane, Idaho-Maryland Road and Brunswick Road, and a site located south of East Bennett and Brunswick Road.

New Brunswick Site (NB): The South Fork of Wolf Creek is located 300 feet south of the New Brunswick shaft. The NB site supports a variety of tree species, including but not limited to: ponderosa pine (*Pinus ponderosa*), incense cedar (*Calocedrus decurrens*), black oak (*Quercus kelloggii*), madrone (*Arbutus menziesii*), big leaf maple (*Acer macrophyllum*), black walnut (*Juglans californica*), willow sp. (*Salix sp.*), plum and cherry sp. (*Prunus sp.*), cottonwood (*Populus fremontii*), and California dogwood (*Cornus nuttallii*). Scattered old apple trees are also present on the site. Fremont Cottonwood and willows are found in drainages or lower areas with more available soil

moisture. Black walnuts occur in a row along the north side of the meadow/grassland. Native perennial grasses are also found in the open meadow area.

Round Hole Site (RH): The Round Hole site supports a mixed coniferous forest with chaparral brush species in the understory. The dominant overstory trees include grey pine (*Pinus sabiniana*), ponderosa pine, incense cedar, sugar pine (*Pinus lambertiana*), and black oak. Understory brush species include manzanita sp. (*Arctostaphylos sp.*), buckbrush (*Ceanothus cuneatus*), and coffeeberry (*Rhamnus californica*).

Idaho-Maryland Mine Site (IMM): Wolf Creek flows along the northern portion of the IMM site through a mixed coniferous forest, open grassland and low brush. A berm along the east side of the IMM site contains a pond on adjacent property. This pond drains onto the IMM site, creating a small meadow, inhabited by cottonwoods and willows.

The site supports a mixture of coniferous, meadow/grassland, chaparral and riparian plant species. Ponderosa pine and Grey pine are the dominant conifers. The brushy chaparral-like areas include blue oak (*Quercus douglasii*), whiteleaf manzanita (*Arctostaphylos vicida*), ceanothus, yerba santa (*Eriodictyon californicum*), and coffee berry. The moister sites and drainages support cottonwood, white alder (*Alnus rhombifolia*), and willow.

Methods

Andregg Geomatics conducted an aerial photography survey of the Idaho-Maryland site in the winter of 2004 at the request of the IMMC. Elevation, vegetation cover and property boundaries were plotted on the aerial maps. In addition, a tree survey was conducted within the designated project site for all trees greater than 8". Each tree was tagged with a number by the surveyors and plotted on the aerial maps. Randall Frizzell and Associates used the aerial maps during the field inventory to locate all the trees. All tree inventory data was referenced to the surveyed tree tag number. Each tree was identified with respect to species, diameter, condition, and defects.

The inventoried trees were evaluated individually for condition using a 5-point rating system. The following five categories were used to classify each tree's condition: excellent; good; fair; poor or very poor. The condition of each tree was evaluated using the following descriptions:

Excellent. A healthy, vigorous tree, free of signs and symptoms of disease, with good structure and form typical of the species. It is rare that a tree qualifies in this category.

Good. A healthy, vigorous tree, reasonably free of signs and symptoms of disease, overall good structure, minor structural defects that could easily be rectified

Fair. Tree with a moderate vigor, moderate twig and small branch dieback, thinning of crown, poor leaf color, moderate structural defects that might be mitigated with regular care.

Poor. Tree in decline, epicormic growth, extensive dieback of medium to large branches, epicormics, and significant structural defects that cannot be mitigated.

Very Poor. Tree in a severe decline, dieback of scaffold branches and/or trunk. Most of foliage from epicormics: extensive structural defects that cannot be mitigated.

Based upon a review of the site plans, tree location and condition, Randall Frizzell and Associates selected the trees that will be impacted by the project. Any tree within a building footprint, adjacent to a footprint, within parking, road, retention pond and gravel or storage sites, was automatically selected for removal. Additional evaluations (suitability for preservation) for tree retention or removal were based upon proximity of the development to the tree root system, condition and size of the tree, and use of the immediate site.

Some areas of the IMM site and the NB site were excluded from the tree inventory, as the project will not impact the trees on these sites (see Appendix 5 maps). The number of trees that will be preserved on the excluded sites was estimated by analyzing the tree density on three 100 ft X 100 ft sample plots with similar tree cover within the inventoried area.

Determination of Suitability for Preservation for Retained Trees

The goal of tree preservation is to have trees remain assets on the site for years to come. Trees that are preserved on project sites, therefore, must be carefully selected to make sure that they will survive construction impacts, adapt to a new environment, and perform well in the landscape.

A suitability evaluation also involves consideration of the tree species, as species vary widely in ability to withstand damage and changes in the environment. Some trees tolerate a significant loss of roots, while others decline with much less interference. In addition, mature and over-mature trees are less able to tolerate construction impacts and remain assets than are young and semi-mature individuals.

Healthy, vigorous trees are better able than nonvigorous trees to tolerate impacts such as root injury, changes in soil grade and moisture, and soil compaction. Moreover, healthy trees are better able to acclimate to the new site conditions that occur after development.

Evaluation of Impacts to Retained Trees

The type of construction that will occur around the existing trees on a site and how it will be executed has a great influence on tree survival and growth. The degree of impact from building and cut and fill construction depends on the depth of excavation, width of the cut, depth of fill and the distance from the edge of the tree. The effects of those changes on tree health and stability can be estimated based on construction design and the location of the tree root system.

The most significant direct injury to a retained tree that will occur on the project site will be *injury to tree roots*. Tree roots generally extend great distances: as much as two to three times the diameter of the crown¹. Typically, most roots are within the top 3 feet of soil, and most of the fine roots active in water and nutrient absorption are in the top 12 inches. In most situations, roots are shallow and asymmetrical in spread. Therefore, developing a site is seldom possible without impacting tree roots to some extent. Although many people consider 12 to 18 inch excavations minor, the root damage involved can cause severe problems for trees. Soil compaction for roads and parking also causes an impact to the available soil oxygen and water for the trees.

There are two considerations in evaluating root disturbance: removal of absorbing roots and removal of support or anchoring roots. Removing the shallow, absorbing roots can cause immediate water stress. The ability of the tree to survive that impact is linked to its tolerance of water stress and ability to form new roots rapidly. The species of the tree, maturity, condition and percent of root zone impact will help to determine whether a tree will survive the impact and should be retained or removed. Some trees within close proximity to the project may be recommended for removal at a later date due to the estimated loss of roots and inability of the tree to recover from the injury.

Another type of injury to trees from construction work will include *grade changes*. Lowering the grade around trees has an immediate and long-term effect on trees. The cut removes roots and also reduces soil moisture near the cut face. The immediate effect is water stress due to root removal. The long-range effects may be chronic stress due to lack of water and minerals and reduced structural stability.

Another direct injury to a tree that may occur will be physical damage to the tree trunk or crown from equipment operation. Wounds or other openings in the tree permit decay organisms to enter the tree and infect the wood. Arboricultural treatments can encourage minimizing the extent of the decay, such as pruning to remove a broken branch. But a tree's response to the injury is related to its health, a vigorous tree is best able to resist the spread of decay. Older or unhealthy trees are less able to resist decay and decay can spread rapidly, eventually rendering the tree structurally unstable.

Fill soil placed around tree trunks is very damaging. The fill holds moisture around the trunk and alters normal gas exchange. Over time, disease and decay may develop in the original root crown and buttress roots. This is especially true of most oak species. These are responses that may not be fully expressed for many years to follow.

Indirect impacts to trees are the result of changes to the site that may cause the tree to decline, even when the tree is not directly injured. The effect of the altered soil moisture and oxygen due to compaction may have also a negative impact on trees. Rather than

¹ Matheny, Nelda J.R. Clark. Trees and Development. A Technical Guide to Preservation of Trees During Land Development. 1998. International Society of Arboriculture, Champaign, Ill..

dying quickly, trees may decline gradually and eventually reach the point that removal is required. This pattern is typical when impacts are indirect and cause chronic stress to which the tree never adapts. Insects or diseases that successfully attack the tree may ultimately cause the tree to die. A tree may survive short-term changes adequately but become structurally unstable over a period of years as decay develops in the roots, trunk or crown. Preserving trees requires retention strategies during development and construction.

The best method for ensuring tree protection on a construction site is the identification of a **Tree Protection Zone (TPZ)**. The recommended guidelines for establishing a TPZ are discussed in detail in *Appendix 6* in the *Tree Preservation Guidelines*. Projects that consider trees early in the design process and during construction rarely cause short-term tree death.

Results

The three IMMC properties (IM, NB, RH) proposed for the mining project total 146 acres. Only a portion of this acreage will be affected by project development. The remaining acreage, referred to as “excluded” areas, is not scheduled for development and is anticipated to remain as natural habitat. There are approximately 37 treed acres of mixed coniferous/oak woodland/grassland habitat in the excluded areas.

Tree Inventory for the Excluded (Natural Habitat) Areas

As discussed previously, the trees in the excluded areas will not be affected by the project development. An individual evaluation of each tree is not required for trees outside of the impact zone.

The excluded areas do contribute significantly to the environmental preservation, esthetics and screening of the IMMC property. Therefore, an evaluation of the number of trees to be preserved on these sites is an important component of overall impact of the project.

Using aerial photos to compare tree cover between the project development sites and the excluded areas, three 100ft X 100ft sample plots from the inventoried areas were matched to the tree cover on the excluded areas. The average tree density for the three sample plots was calculated from the tree survey (26 trees per 10,000 sq. ft). The total square feet of the treed excluded area is 1,587,923 sq.ft. Dividing the total excluded area by the plot size (10,000 sq.ft.) and multiplying by the average tree density per 10,000 sq.ft (26 trees), the estimated number of trees in the excluded areas is 4,129 trees.

Tree Inventory for the Proposed Project Area

Randall Frizzell and Associates inventoried one thousand eight hundred and eighty-six (1,886) trees within the proposed project area of the IM, NB, and RH sites. The total number of each species inventoried is as follows:

817	Ponderosa Pine
479	Cottonwood
217	Grey Pine
105	Madrone
89	Incense Cedar
73	Black Oak
42	White Alder
14	Walnut
11	Big Leaf Maple
9	Locust
8	Willow sp.
3	Live Oak
2	McNab Cypress
2	Sugar Pine
1	Douglas Fir
13	To be re-inventoried and other
<u>1</u>	duplicate tag
1	1886 TOTAL

The individual data results for each surveyed tree are presented in a spreadsheet in *Appendix 1*. A summary of the number of trees in each of the three sites (IMM, NB, RH) is presented in *Appendix 2*.

Randall Frizzell and Associates compared the site plans with the tree locations and condition data and selected the trees that that will be directly impacted by project construction and facility use. A second evaluation was made for trees that were in poor or very poor condition; these trees would not survive the development impacts due to poor health or are considered hazardous. One thousand and twenty-nine (1,029) trees are recommended for removal within the project impact area. The trees recommended for removal are listed in *Appendix 3*.

Tree Inventory Summary

Approximately six thousand and fifteen (6,015) trees occur on the IMMC property. The total number of trees on the IMMC property is estimated from the Tree Inventory of project site (1,886) and the extrapolated estimate for the number of trees on the excluded areas (4,129). One thousand and twenty-nine (1,029) trees are recommended for removal; this is 17% of the number of trees on the IMMC property.

Additionally, of the 1,029 recommended removals, seventy-two (72) trees are in poor health and one hundred and ninety-three (193) trees are in very poor health. Therefore, two hundred and sixty-five trees (265) or 25.7% of the trees recommended for removal are in poor to very poor health. Typically, within the project review process, no replacement trees or mitigation is required for trees with poor to very poor health ratings due to hazardous condition, imminent failure or mortality. Only trees within the excellent to fair rating are considered for mitigation.

Seven hundred and sixty-four (764) trees that are recommended for removal are in excellent, good or fair health or 12.7% of the total number of trees on the IMMC property.

Discussion

Approximately, 68% (4,129 trees) of the trees on the IMMC property are located outside of the impact zone of the proposed project (referred to as “excluded” areas). These areas contribute significantly to preserving the native plant community and natural environmental setting of the city of Grass Valley. As discussed previously, the excluded sites also help to maintain the esthetic landscape of the project and in some locations, provide a buffer or natural screening. Additionally, the sites are also important ecologically as they maintain wildlife corridors and habitat within the forest/woodland and riparian areas of the Wolf Creek system and other preserved natural areas in close proximity, such as Empire Mine State Historic Park (Union Hill and the Bennett St. grassland).

Recommendations

1. The majority of the IMMC project site was historically impacted by mining activities; the forest and woodland trees were harvested extensively in the late 1800’s and early 1900’s. The current tree stands in the excluded areas are second and third growth, as are most of the forest and woodland communities surrounding Grass Valley. Typically, such stands are dense due to lack of natural fire (fire suppression) and forest management. The risk of wildfire within the wildland-urban interface in the Grass Valley-Nevada City area is high in these second and third growth forests. Firesafe issues and projects are actively being pursued in Nevada County to address the high fuel loads.

The excluded areas of the project are valuable assets to the natural environment of Grass Valley. Reducing the amount of fuel on the site would further enhance preservation of the excluded areas by reducing competition within the tree stands. An additional benefit of reducing the fuel levels would be a decreased risk of wildfire; this is a direct benefit to the preserved excluded areas and to the Grass Valley community, as the treatments would create Firesafe zones or buffers. **Enhancing the preservation of native tree stands on the project site would be a valuable and successful mitigation method to address the loss of trees in impacted areas.**

2. I recommend that a Project Arborist continue to be involved in the proposed project in the following ways:

- a. Assess potential impacts to retained trees by reviewing all site plan changes for potential impact to retained trees.
- b. Coordinate any required tree work such as pruning and spraying (to prevent bark beetle infestation), as needed.
- c. Monitor trees during construction. Reconcile plans and field conditions. Identify and treat damage. Monitor any necessary grading near retained trees and root prune as needed.
- d. Identify any additional trees that should be removed due to structural instability or defects, or inability to survive construction impacts based upon any necessary site plan changes.

Assumptions and Limiting Conditions

1. Any legal description provided to the consultant/appraiser is assumed to be correct. Any titles and ownership to any property are assumed to be good and marketable. No responsibility is assumed for matters legal in character. Any and all property is appraised or evaluated as though free and clear, under responsible ownership and competent management.
2. It is assumed that any property is not in violation of any applicable codes, ordinances, statutes, or other governmental regulations.
3. Care has been taken to obtain all information from reliable sources, all data has been verified insofar as possible; however, the consultant/appraiser can neither guarantee nor be responsible for the accuracy of information provided by others.
4. The consultant/appraiser shall not be required to give testimony or to attend court by reason of this report unless subsequent contractual arrangements are made, including payment of an additional fee for such services as described in the fee schedule and contract of engagement.
5. Loss or alteration of any part of this report invalidates the entire report.
6. Possession of this report or a copy thereof does not imply right of publication or use for any purpose by any other than the person to whom it is addressed, without the prior expressed written or verbal consent of the consultant/appraiser.
7. Neither all nor any part of the contents of this report, nor copy thereof, shall be conveyed by anyone, including the client, to the public through advertising, public relations, news, sales, or other media, without the prior expressed written or verbal consent of the

- consultant/appraiser, particularly as to value conclusions, identity of the consultant/appraiser, or any reference to any professional society or institute or to any initialed designation conferred upon the consultant/appraise as stated in his qualifications.
8. This report and any values expressed herein represent the opinion of the consultant/appraiser, and the consultant/appraiser's fee is in no way contingent upon the reporting of a specified value, a stipulated result, the occurrence of a subsequent event, nor upon any finding to be reported.
 9. Sketches, diagrams, graphs, and photographs in this report, being intended as visual aids, are not necessarily to scale and should not be construed as engineering or architectural reports or surveys.
 10. Unless expressed otherwise: 1) information contained in this report covers only those items that were examined and reflects the condition of those items at the time of inspection; and 2) the inspection is limited to visual examination of accessible items without dissection, excavation, probing, or coring. There is no warranty or guarantee, expressed or implied, that problems or deficiencies of the plants or property in question may not arise in the future.
 11. This report is based on the observations and opinions of Randall Frizzell, and does not provide guarantees regarding the future performance, health, vigor, structural stability, or safety of the plants described herein. The author assumes no responsibility for the safety of the people or the property in the vicinity of the trees described in this report.
 12. The legal description, dimensions, and areas herein are assumed to be correct. No responsibility is assumed for matters that are legal in nature.
 13. Any change to an established tree's environment can cause its decline, death and/or structural failure.

Curriculum Vitae for Randall Frizzell

Background

- Redwood State Park, 1971-1972, Forest Restoration
- US Forest Service intermittent from 1969 through 1975, Silviculture
- Bachelor of Science, Environmental Horticulture. Cal Poly, San Luis Obispo
- Tree Maintenance Contractor since 1976
- Certified Arborist since 1984.
- Registered Consulting Arborist since 1995.

Qualifications

- Registered Consulting Arborist #361 (*American Society of Consulting Arborists*)
- Certified Arborist (WCISA) #118 (*International Society of Arboriculture*)
- State Contractor License 737859
- State Pest Control Operator #QL35004

Specialties

- Tree Preservation / Building with Trees
- Plant materials selection and establishment
- Insurance and Loss Appraisals
- Diagnostics / Forensics
- Tree Inventories
 - ⇒ Site Development
 - ⇒ Tree Safety Programs
- Tree Retention Plans, Revegetation/Mitigation Plans, and Maintenance Programs
- Training in all aspects of tree care and maintenance
- Expert Witness

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- International Society of Arboriculture
- California Tree Failure Report Program
- California Urban Forests Council
- California Oak Foundation

APPENDIX 1 Tree Inventory Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	1	Willow	14	VeryPoor		
IM	2	Willow	20	Poor		
IM	3	White Alder	10	Good		
IM	4	White Alder	10	Fair	Mistletoe	
IM	5	White Alder	8	Good		**Inv.to be completed
IM	6	White Alder	10	Good		
IM	7	LiveOak	8	Good		
IM	8	Cottonwood	18	Fair		
IM	9	Cottonwood	12	VeryPoor		
IM	10	Cottonwood	20	VeryPoor	Trunk wound	
IM	11	White Alder	12	Fair	Mistletoe	
IM	12	White Alder	12	Poor		
IM	13	White Alder	8	Good		
IM	14	Ponderosa Pine	8	Poor		
IM	15	Ponderosa Pine	10	Good		
IM	16	Ponderosa Pine	10	Fair		
IM	17	Ponderosa Pine	10	Good		
IM	18	Ponderosa Pine	18	Good		
IM	19	Ponderosa Pine	14	Fair		
IM	20	Ponderosa Pine	10	Good		
IM	21	Ponderosa Pine	10	Good		
IM	22	Ponderosa Pine	14	Good		
IM	23	Incense Cedar	14	Fair	Branch Disease	
IM	24	Ponderosa Pine	14	Good		
IM	25	Ponderosa Pine	14	Fair	Trunk wound	
IM	26	Ponderosa Pine	18	Good		
IM	27	Douglas Fir	8	Poor		
IM	28	Cottonwood	8	Poor		
IM	29	Cottonwood	8	Poor		
IM	30	Cottonwood	8	VeryPoor		
IM	31	Cottonwood	10	VeryPoor		
IM	32	Cottonwood	8	VeryPoor		
IM	33	Cottonwood	8	Poor		
IM	34	Cottonwood	12	Fair		
IM	35	Ponderosa Pine	10	Excellent		
IM	36	Ponderosa Pine	12	Fair		
IM	37	Ponderosa Pine	12	VeryPoor	Cavities/ Decay	
IM	38	Ponderosa Pine	24	Fair		
IM	39	Ponderosa Pine	26	Fair		
IM	40	Ponderosa Pine	14	Good		
IM	41	Ponderosa Pine	30	Excellent		
IM	42	Ponderosa Pine	24	Good		
IM	43	Ponderosa Pine	22	Fair		
IM	44	Ponderosa Pine	16	Fair		
IM	45	Ponderosa Pine	12	Poor		

APPENDIX 1

Tree Inventory

Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	46	Ponderosa Pine	28	Good		
IM	47	Ponderosa Pine	22	Good		
IM	48	Ponderosa Pine	30	Good		
IM	49	Cottonwood	10	Fair		
IM	50	Cottonwood	14	VeryPoor		
IM	51	Cottonwood	8	Poor		
IM	52	Ponderosa Pine	26	Excellent		
IM	53	Ponderosa Pine	22	Poor	Twin trunk	
IM	54	Black Oak	20	Fair		Multiple trunks
IM	55	Ponderosa Pine	26	Good		
IM	56	Black Oak	28	Good		
IM	57	Black Oak	12	Fair		
IM	58	Ponderosa Pine	16	Fair		
IM	59	Ponderosa Pine	14	Good		
IM	60	Ponderosa Pine	30	Excellent		
IM	61	Ponderosa Pine	28	Excellent		
IM	62	Madrone	12	Fair		
IM	63	Big Leaf Maple	14	VeryPoor	Dead	
IM	64	Cottonwood	16	VeryPoor		
IM	65	Cottonwood	20	VeryPoor		
IM	66	Ponderosa Pine	8	Good		
IM	67	Locust	12	VeryPoor		Multiple trunks
IM	68	Cottonwood	10	Poor		
IM	69	Cottonwood	12	VeryPoor		
IM	70	Cottonwood	14	VeryPoor	Trunk wound	
IM	71	Cottonwood	10	Poor		
IM	72	Cottonwood	14	VeryPoor		Dead
IM	73	Cottonwood	14	VeryPoor	Trunk wound	
IM	74	Cottonwood	10	Poor		
IM	75	Cottonwood	10	Poor		
IM	76	Cottonwood	14	Fair		
IM	77	Cottonwood	40	VeryPoor		Diameter >40
IM	78	Cottonwood	10	Poor		Multiple trunks
IM	79	Cottonwood	8	Poor		Multiple trunks
IM	80	Madrone	14	Good		
IM	81	Ponderosa Pine	26	Fair		
IM	82	Ponderosa Pine	18	Good		
IM	83	Madrone	12	Excellent		
IM	84	Madrone	12	Excellent		
IM	85	Ponderosa Pine	30	Good		
IM	86	Ponderosa Pine	8	Excellent		
IM	87	Ponderosa Pine	12	Good		
IM	88	Ponderosa Pine	10	Good		
IM	89	Ponderosa Pine	10	Good		
IM	90	Ponderosa Pine	8	Fair		
IM	91	Ponderosa Pine	8	Good		
IM	92	Ponderosa Pine	10	Fair		
IM	93	Ponderosa Pine	14	Fair		

APPENDIX 1 Tree Inventory Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	94	Ponderosa Pine	16	Poor		
IM	95	Ponderosa Pine	12	Good		
IM	96	Ponderosa Pine	14	Fair		
IM	97	Ponderosa Pine	12	Good		
IM	98	Ponderosa Pine	18	Good		
IM	99	Ponderosa Pine	10	Fair		
IM	100	Ponderosa Pine	12	Fair		
IM	101	Ponderosa Pine	14	Good		
IM	102	Ponderosa Pine	10	Fair		
IM	103	Ponderosa Pine	12	Good		
IM	104	Ponderosa Pine	16	Fair	Branch Disease	
IM	105	Ponderosa Pine	12	Good		
IM	106	Cottonwood	8	Poor		
IM	107	Cottonwood	10	Poor		
IM	108	Incense Cedar	16	Good		
IM	109	Ponderosa Pine	18	Good		
IM	110	Ponderosa Pine	16	Good		
IM	111	Ponderosa Pine	14	Good		
IM	112	Ponderosa Pine	14	Good		
IM	113	Cottonwood	18	Poor	Mistletoe	
IM	114	Cottonwood	14	VeryPoor	Poor Attachments	
IM	115	Cottonwood	8	Poor		
IM	116	Cottonwood	16	Good		
IM	117	Incense Cedar	10	Good		
IM	118	Cottonwood	10	Poor		
IM	119	Grey Pine	16	VeryPoor		
IM	120	Ponderosa Pine	14	Fair	Dwarf Mistletoe	
IM	121	Ponderosa Pine	20	Poor		
IM	122	Ponderosa Pine	24	Fair		
IM	123	Ponderosa Pine	14	Fair		
IM	124	Ponderosa Pine	12	Fair		
IM	125	Ponderosa Pine	18	Good		
IM	126	Ponderosa Pine	10	Poor		
IM	127	Ponderosa Pine	16	Fair		
IM	128	Ponderosa Pine	18	Poor	Trunk wound	
IM	129	Ponderosa Pine	18	Good		
IM	130	Ponderosa Pine	18	Good		
IM	131	Ponderosa Pine	20	Fair	Trunk wound	
IM	132	Ponderosa Pine	18	Fair	Trunk wound	
IM	133	Ponderosa Pine	12	Poor		
IM	134	Ponderosa Pine	12	Poor		
IM	135	Ponderosa Pine	14	Good		
IM	136	Ponderosa Pine	12	Good		
IM	137	Ponderosa Pine	14	Good		
IM	138	Ponderosa Pine	18	Fair	Trunk wound	

APPENDIX 1 Tree Inventory Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	139	Ponderosa Pine	23			**Inv.to be completed
IM	140	Ponderosa Pine	20	Fair		
IM	141	Ponderosa Pine	14	Fair		
IM	142	Ponderosa Pine	22	Good		
IM	143	Ponderosa Pine	12	Fair		
IM	144	Ponderosa Pine	16	Good		
IM	145	Ponderosa Pine	12	Fair		
IM	146	Ponderosa Pine	12	Poor		
IM	147	Ponderosa Pine	18	Good		
IM	148	Ponderosa Pine	20	Good		
IM	149	Ponderosa Pine	16	Good		
IM	150	Ponderosa Pine	14	Fair		
IM	151	Ponderosa Pine	18	Good		
IM	152	Ponderosa Pine	14	Fair		
IM	153	Ponderosa Pine	20	Excellent		
IM	154	Ponderosa Pine	12	VeryPoor		
IM	155	Ponderosa Pine	22	Excellent		
IM	156	Cottonwood	18	Fair		
IM	157	Cottonwood	32	Excellent		
IM	158	Cottonwood	10	Fair		
IM	159	Cottonwood	34	Fair		
IM	160	Ponderosa Pine	10	Good		
IM	161	Ponderosa Pine	8	Good		
IM	162	Grey Pine	8	Good		
IM	163	Ponderosa Pine	8	Good		
IM	164	Grey Pine	12	Good		
IM	165	Grey Pine	8	Poor	Branch Disease	
IM	166	Grey Pine	8	Good		
IM	167	Grey Pine	12	Poor	Branch Disease	
IM	168	Ponderosa Pine	10	Excellent		
IM	169	Grey Pine	8	Poor		
IM	170	Grey Pine	10	Good		
IM	171	Grey Pine	8	Excellent		
IM	172	Grey Pine	26	Good		
IM	173	Grey Pine	32	Poor		
IM	174	Grey Pine	20	Good		
IM	175	Grey Pine	26	Poor		
IM	176	Ponderosa Pine	32	Fair		40 ft fork top
IM	177	Grey Pine	10	Good		
IM	178	Grey Pine	18	Good		
IM	179	Incense Cedar	18	Good		
IM	180	Grey Pine	28	Poor		
IM	181	Grey Pine	36	VeryPoor		
IM	182	Grey Pine	12	Fair		
IM	183	Grey Pine	24	Fair		

APPENDIX 1 Tree Inventory Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	184	Grey Pine	24	Fair		
IM	185	Ponderosa Pine	8	Good		
IM	186	Grey Pine	10	Good		
IM	187	Grey Pine	8	Good		
IM	188	Ponderosa Pine	10	Good		
IM	189	Ponderosa Pine	34	Good		
IM	190	Ponderosa Pine	8	Good		
IM	191	Ponderosa Pine	34	Excellent		
IM	192	Grey Pine	8	Good		
IM	193	Ponderosa Pine	10	Excellent		
IM	194	Cottonwood	10	Fair		
IM	195	Grey Pine	12	Excellent		
IM	196	Incense Cedar	14	Excellent		
IM	197	Ponderosa Pine	18	Good		
IM	198	Ponderosa Pine	18	Good		
IM	199	Incense Cedar	14	Fair	Twin trunk	
IM	200	Ponderosa Pine	12	Poor		
IM	201	Ponderosa Pine	22	Excellent		
IM	202	Ponderosa Pine	22	Good		
IM	203	Black Oak	10	Poor	Trunk wound	
IM	204	Ponderosa Pine	8	Poor		
IM	205	Ponderosa Pine	16	Good		
IM	206	Ponderosa Pine	10	Good		
IM	207	Ponderosa Pine	34	Excellent		
IM	208	Ponderosa Pine	34	Excellent		
IM	209	Ponderosa Pine	36	Excellent		
IM	210	Ponderosa Pine	36	Excellent		
IM	211	Grey Pine	36	Good		
IM	212	Cottonwood	12	Fair		
IM	213	Walnut	16			**Inv.to be completed
IM	214	Cottonwood	10	Fair		
IM	215	Cottonwood	12	Poor		
IM	216	Cottonwood	10	Fair		
IM	217	Cottonwood	8	Poor		
IM	218	Cottonwood	8	Fair		
IM	219	Cottonwood	8	Fair		
IM	220	Cottonwood	12	Fair		
IM	221	Cottonwood	12	Fair		
IM	222	Cottonwood	16	VeryPoor		
IM	223	Cottonwood	38	VeryPoor		
IM	224	Cottonwood	24	Poor		
IM	225	Cottonwood	40	VeryPoor		
IM	226	White Alder	12	Fair		
IM	227	Cottonwood	40	VeryPoor		
IM	284	Cottonwood	10	Good		
IM	285	Cottonwood	14	Fair		
IM	286	Cottonwood	10	Good		

APPENDIX 1

Tree Inventory

Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	287	Willow	10	Good		
IM	288	Willow	8	Fair		
IM	289	Cottonwood	16	Fair		
IM	290	Cottonwood	12	Good		
IM	401	Ponderosa Pine	28	Poor		
IM	402	Ponderosa Pine	28	VeryPoor		
IM	403	Ponderosa Pine	12	Fair		
IM	404	Ponderosa Pine	14	Good		
IM	405	Ponderosa Pine	10	Excellent		
IM	406	Ponderosa Pine	12	Good		
IM	407	Ponderosa Pine	8	Good		
IM	408	Ponderosa Pine	10	Good		
IM	409	Ponderosa Pine	10	Excellent		
IM	410	Ponderosa Pine	12	Poor		
IM	411	Cottonwood	28	Poor		
IM	412	Grey Pine	16	Good		
IM	413	Grey Pine	36	Excellent		
IM	414	Ponderosa Pine	12	Good		
IM	415	Ponderosa Pine	15	Fair		
IM	416	Ponderosa Pine	38	Good		
IM	417	Ponderosa Pine	12	Fair		
IM	418	Ponderosa Pine	26	Good		
IM	419	Ponderosa Pine	20	fair		
IM	420	Ponderosa Pine	26	Fair		
IM	421	Madrone	20	Good		
IM	422	Incense Cedar	22	Fair		
IM	423	Ponderosa Pine	20	Fair		
IM	424	Ponderosa Pine	20	Fair		
IM	425	Ponderosa Pine	18	Poor		
IM	426	Ponderosa Pine	12	Fair	Trunk wound	
IM	427	Ponderosa Pine	26	Good		
IM	428	Ponderosa Pine	28	Fair		
IM	429	Ponderosa Pine	32	Poor		
IM	430	Ponderosa Pine	20	Good		
IM	431	Ponderosa Pine	24	Fair		
IM	432	Madrone	14	VeryPoor		
IM	433	Ponderosa Pine	30	Good		
IM	434	Ponderosa Pine	22	Good		
IM	435	Ponderosa Pine	34	Good		
IM	436	Ponderosa Pine	22	Fair		
IM	437	Big Leaf Maple	10	Good		
IM	438	Ponderosa Pine	32	Good		
IM	439	Ponderosa Pine	16	Fair		
IM	440	Madrone	16	Good		
IM	441	Ponderosa Pine	22	Good		
IM	442	Ponderosa Pine	16	Fair		
IM	443	Ponderosa Pine	16	Good		
IM	444	Madrone	12	Good		

APPENDIX 1 Tree Inventory Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	445	Ponderosa Pine	26	Good		
IM	446	Ponderosa Pine	40	Good		
IM	447	Ponderosa Pine	14	Fair		
IM	448	Ponderosa Pine	30	VeryPoor	Trunk wound	
IM	449	Ponderosa Pine	18	Good		
IM	450	Madrone	30	Excellent		Same tree as Tag #456 - double tagged
IM	451	Incense Cedar	10	Good		
IM	452	Ponderosa Pine	18	Fair		
IM	453	Ponderosa Pine	30	Good		
IM	454	Madrone	8	Good		
IM	455	Big Leaf Maple	8	Poor		
IM	456	Duplicate tag				Same tree as Tag #450 - double tagged
IM	457	Ponderosa Pine	20	Good		
IM	458	Ponderosa Pine	16	Good		
IM	459	Ponderosa Pine	20	Fair		
IM	460	Madrone	12	Good		
IM	461	Big Leaf Maple	12	Excellent		
IM	462	Ponderosa Pine	20	Good		
IM	463	Ponderosa Pine	14	Good		
IM	464	Ponderosa Pine	20	Fair		
IM	465	Ponderosa Pine	18	Fair		Twin Top
IM	466	Ponderosa Pine	18	Fair		
IM	467	Ponderosa Pine	10	VeryPoor		
IM	468	Ponderosa Pine	10	VeryPoor	Dead	
IM	469	Ponderosa Pine	20	Good		
IM	470	Madrone	8	Excellent		
IM	471	Ponderosa Pine	24	Good		
IM	472	Ponderosa Pine	14	Poor		
IM	473	Ponderosa Pine	28	VeryPoor	Trunk wound	
IM	474	Ponderosa Pine	30	Good		
IM	475	Ponderosa Pine	16	Fair		
IM	476	Ponderosa Pine	20	Fair		
IM	477	Ponderosa Pine	30	Good		
IM	478	Ponderosa Pine	26	Good		
IM	479	Ponderosa Pine	10	Poor		
IM	480	Incense Cedar	26	Good		
IM	481	Incense Cedar	16	Good		
IM	482	Incense Cedar	14	Good		
IM	483	Ponderosa Pine	12	Fair		
IM	484	Madrone	30	Good		
IM	485	Incense Cedar	32	Good		
IM	486	Madrone	18-20	Fair		
IM	487	Madrone	14	VeryPoor	Trunk Decay	
IM	488	Madrone	16	Fair		

APPENDIX 1 Tree Inventory Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	489	Madrone	12	Fair		
IM	490	Madrone	30	Good	Multi-Trunk	
IM	491	Ponderosa Pine	22	Fair		
IM	492	Ponderosa Pine	20	Poor		
IM	493	Incense Cedar	32	Fair		
IM	494	Big Leaf Maple	32	Good		
IM	495	Madrone	18	Fair		
IM	496	Ponderosa Pine	12	Good		
IM	497	Ponderosa Pine	12	Good		
IM	498	Ponderosa Pine	12	Good		
IM	801	Willow	14	Fair	Mistletoe	
IM	802	Big Leaf Maple	20	Good		
IM	804	White Alder	16	VeryPoor		
IM	805	Incense Cedar	16	VeryPoor	Trunk wound	
IM	806	Cottonwood	18	VeryPoor		
IM	807	Cottonwood	14	Poor		
IM	808	Ponderosa Pine	18	VeryPoor	Hip Canker	
IM	809	Cottonwood	30	Fair		
IM	810	Cottonwood	14	Poor		
IM	811	Cottonwood	14	VeryPoor	Mistletoe	
IM	812	Cottonwood	14	VeryPoor	Mistletoe	
IM	813	Cottonwood	14	Poor		
IM	814	White Alder	14	Fair		
IM	815	White Alder	12	Fair		
IM	816	White Alder	12	VeryPoor		
IM	817	White Alder	16	Good		
IM	818	White Alder	20	Fair	Mistletoe	
IM	819	White Alder	20	Fair	Mistletoe	
IM	820	White Alder	14	Good		
IM	821	White Alder	10	Good		
IM	822	White Alder	10	Fair		
IM	823	White Alder	10	Poor		
IM	824	White Alder	12	Fair	Mistletoe	
IM	825	Ponderosa Pine	40	Good		
IM	826	Ponderosa Pine	14	Poor		
IM	827	Ponderosa Pine	14	Fair		
IM	828	Ponderosa Pine	18	Poor	Branch Disease	
IM	829	Ponderosa Pine	14	Fair		
IM	830	Ponderosa Pine	12	Poor		
IM	831	Ponderosa Pine	16	Fair		
IM	832	Ponderosa Pine	14	Fair		
IM	833	Cottonwood	10	VeryPoor		
IM	834	Ponderosa Pine	8	Poor		
IM	835	Ponderosa Pine	20	Poor		
IM	836	Cottonwood	40	VeryPoor		
IM	837	Willow	12	VeryPoor		
IM	838	White Alder	8	VeryPoor		

APPENDIX 1 Tree Inventory Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	839	White Alder	10	VeryPoor		
IM	840	Locust	12	Poor		
IM	841	White Alder	12	VeryPoor	Dead	
IM	842	White Alder	12	Fair		
IM	843	White Alder	14	Fair		
IM	844	Big Leaf Maple	10	VeryPoor	Dead	
IM	845	White Alder	10	Good		
IM	846	Cottonwood	24	Good		
IM	847	Cottonwood	24	Good		
IM	848	Locust	12	Poor		
IM	849	Locust	14	VeryPoor	Trunk wound	
IM	850	Cottonwood	16	Good		
IM	851	White Alder	12	Poor		Split top
IM	852	White Alder	18	Poor		Topped
IM	853	White Alder	14	Poor		
IM	854	White Alder	12	Poor	Mistletoe	
IM	855	White Alder	12	Fair		
IM	856	White Alder	10	Fair		
IM	857	White Alder	10	Good		
IM	858	White Alder	14	Fair		
IM	859	Cottonwood	40	Poor		
IM	860	Cottonwood	24	Poor		
IM	861	Cottonwood	12	VeryPoor		
IM	862	Cottonwood	14	VeryPoor	Mistletoe	
IM	863	Cottonwood	18	Poor	Mistletoe	
IM	864	Ponderosa Pine	10	Poor		
IM	865	Cottonwood	12	VeryPoor		
IM	866	Cottonwood	20	VeryPoor		
IM	867	Cottonwood	16	VeryPoor	Trunk wound	
IM	868	Cottonwood	8	Poor		
IM	869	Cottonwood	8	Fair		
IM	870	Cottonwood	8	Poor		
IM	871	Ponderosa Pine	20	Good		
IM	872	Ponderosa Pine	10	Good		
IM	873	Ponderosa Pine	16	Excellent		
IM	874	Ponderosa Pine	12	Good		
IM	875	Ponderosa Pine	8	Good		
IM	876	Grey Pine	10	Poor	Branch Disease	
IM	877	Ponderosa Pine	10	Good		
IM	878	Ponderosa Pine	10	Good		
IM	879	Ponderosa Pine	8	Excellent		
IM	880	Black Oak	32	Good		
IM	881	Ponderosa Pine	8	Poor		
IM	882	Black Oak	12	Good		
IM	883	Madrone	20	Poor	Trunk wound	Leaning
IM	884	Ponderosa Pine	10	Fair		
IM	885	Ponderosa Pine	10	Poor		

APPENDIX 1 Tree Inventory Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	886	Ponderosa Pine	14	Good		
IM	887	Black Oak	8	Good		
IM	888	Ponderosa Pine	12	Good		
IM	889	Ponderosa Pine	18	Fair	Branch Disease	
IM	890	Ponderosa Pine	8	Good		
IM	891	Ponderosa Pine	10	Good		
IM	892	Ponderosa Pine	14	Good		
IM	893	Ponderosa Pine	14	Good		
IM	894	Ponderosa Pine	14	Good		
IM	895	Ponderosa Pine	14	Good		
IM	896	Ponderosa Pine	12	Good		
IM	897	Ponderosa Pine	14	Poor	Trunk wound	
IM	898	Ponderosa Pine	12	Fair		
IM	899	Ponderosa Pine	10	Fair		
IM	900	Ponderosa Pine	14	Good		
IM	901	Ponderosa Pine	12	Good		
IM	902	Ponderosa Pine	10	Good		
IM	903	Ponderosa Pine	16	Good		
IM	904	Ponderosa Pine	12	Fair		
IM	905	Ponderosa Pine	10	Fair	Branch Disease	
IM	906	Ponderosa Pine	14	Good		
IM	907	Ponderosa Pine	14	Good		
IM	908	Ponderosa Pine	12	Good		
IM	909	Ponderosa Pine	12	Fair		
IM	910	Cottonwood	10	VeryPoor		
IM	911	Cottonwood	12	Fair		
IM	912	Cottonwood	10	VeryPoor		
IM	913	Cottonwood	10	VeryPoor		
IM	914	Ponderosa Pine	16	Fair	Branch Disease	
IM	915	Ponderosa Pine	12	Good		
IM	916	Ponderosa Pine	16	Good		
IM	917	Cottonwood	10	Poor		
IM	918	Cottonwood	12	Poor		
IM	919	Ponderosa Pine	10	Fair		
IM	920	Ponderosa Pine	18	Fair		
IM	921	Ponderosa Pine	12	Good		
IM	922	Ponderosa Pine	12	Fair		
IM	923	Cottonwood	28	Fair		
IM	924	Ponderosa Pine	10	Fair		
IM	925	Cottonwood	20	Poor		
IM	926	Cottonwood	10	Poor		
IM	927	Ponderosa Pine	12	Good		
IM	928	Ponderosa Pine	12	Fair		
IM	929	Grey Pine	18	Good		
IM	930	Madrone	8	Excellent		

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Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	931	Cottonwood	16	VeryPoor		
IM	932	Grey Pine	18	Poor		
IM	933	Ponderosa Pine	24	Good		
IM	934	Ponderosa Pine	14	Good		
IM	935	Ponderosa Pine	28	Poor	Trunk wound	
IM	936	Ponderosa Pine	16	Poor		
IM	937	Ponderosa Pine	20	Fair	Branch Disease	
IM	938	Ponderosa Pine	14	Fair	Branch Disease	
IM	939	Ponderosa Pine	10	Good		
IM	940	Ponderosa Pine	26	Good		
IM	941	Ponderosa Pine	22	Good		
IM	942	Ponderosa Pine	26	Good		
IM	943	Ponderosa Pine	24	Good		
IM	944	Grey Pine	12	Good		
IM	945	Ponderosa Pine	12	Good		
IM	946	Madrone	10	Excellent		
IM	947	Cottonwood	8	Fair		
IM	948	Ponderosa Pine	14	Good		
IM	949	Ponderosa Pine	8	Good		
IM	950	Madrone	8	Excellent		
IM	951	Ponderosa Pine	18	Good		
IM	952	Madrone	8	Excellent		
IM	953	Cottonwood	10	Fair		
IM	954	Cottonwood	20	Fair		
IM	955	Cottonwood	10	Poor		
IM	956	Cottonwood	10	VeryPoor		
IM	957	Cottonwood	10	Fair		
IM	958	Cottonwood	22	Good		
IM	959	Cottonwood	14	Good		
IM	960	Cottonwood	12	Good		
IM	961	Cottonwood	10	Poor		
IM	962	Ponderosa Pine	12	Good		
IM	963	Ponderosa Pine	10	Excellent		
IM	964	Cottonwood	32	VeryPoor		
IM	965	Cottonwood	20	Fair		
IM	966	Cottonwood	30	Fair		
IM	967	Cottonwood	18	Poor		
IM	968	Cottonwood	10	Good		
IM	969	Cottonwood	12	Fair		
IM	970	Cottonwood	20	Good		
IM	971	Cottonwood	12	Good		
IM	972	Cottonwood	8	Fair		
IM	973	Cottonwood	10	Fair		
IM	974	Cottonwood	10	Poor		
IM	975	Cottonwood	12	Fair		
IM	976	Cottonwood	8	Poor		

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Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	977	Cottonwood	10	Poor		
IM	978	Cottonwood	14	VeryPoor		
IM	979	Cottonwood	14	Fair		
IM	980	Ponderosa Pine	18	Good		
IM	981	Madrone	12	Good		
IM	982	Cottonwood	12	VeryPoor		
IM	983	Cottonwood	16	Fair		
IM	984	Ponderosa Pine	20	Fair		
IM	985	Ponderosa Pine	18	Good		
IM	986	Cottonwood	12	Fair		
IM	987	Ponderosa Pine	24	Good		
IM	988	Madrone	10	Good		
IM	989	Cottonwood	10	Poor		
IM	990	Cottonwood	12	Poor		
IM	991	Cottonwood	8	Fair		
IM	992	Cottonwood	12	Poor		
IM	993	Cottonwood	16	Poor		
IM	994	Madrone	10	Excellent		
IM	995	Ponderosa Pine	14	Good		
IM	996	Madrone	8	Excellent		
IM	997	Cottonwood	14	Poor		
IM	998	Madrone	8	Good		
IM	999	Ponderosa Pine	12	Poor		
IM	1000	Madrone	10	Excellent		
IM	1001	Ponderosa Pine	14	Fair	Branch Disease	
IM	1002	Madrone	8	Excellent		
IM	1003	Ponderosa Pine	26	Fair		
IM	1004	Madrone	8	Fair		
IM	1005	Cottonwood	10	Poor		
IM	1006	Cottonwood	12	Poor		
IM	1008	Cottonwood	8	Poor		Turn-up off uproot
IM	1009	Ponderosa Pine	24	Fair	Branch Disease	
IM	1010	Ponderosa Pine	24	Good		
IM	1011	Ponderosa Pine	14	Fair	Branch Disease	
IM	1012	Ponderosa Pine	40	Fair	Branch Disease	
IM	1013	Cottonwood	8	Poor		Turn-up off uproot
IM	1014	Cottonwood	18	Poor		
IM	1015	Cottonwood	10	Poor		
IM	1016	Cottonwood	10	Poor		
IM	1017	Cottonwood	12	Poor		
IM	1018	Cottonwood	20	Fair		
IM	1019	Madrone	8	Excellent		
IM	1020	Madrone	10	Excellent		
IM	1021	Ponderosa Pine	12	Good		

APPENDIX 1 Tree Inventory Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	1022	Ponderosa Pine	16	Good		
IM	1023	Ponderosa Pine	14	Good		
IM	1024	Madrone	10	Good		
IM	1025	Cottonwood	8	VeryPoor		
IM	1026	Cottonwood	18	VeryPoor		
IM	1027	Cottonwood	10	VeryPoor		
IM	1028	Ponderosa Pine	8	Good		
IM	1029	Incense Cedar	12	Excellent		
IM	1030	Cottonwood	18	Poor		
IM	1031	Ponderosa Pine	8	Fair		
IM	1032	Cottonwood	10	Poor		
IM	1033	Ponderosa Pine	26	Good		
IM	1034	Ponderosa Pine	24	Good		
IM	1035	Ponderosa Pine	20	Good		
IM	1036	Ponderosa Pine	24	Fair	Branch Disease	
IM	1037	Ponderosa Pine	18	Fair	Branch Disease	
IM	1038	Ponderosa Pine	28	Fair	Branch Disease	
IM	1039	Grey Pine	14	Fair		
IM	1040	Ponderosa Pine	36	Good		
IM	1041	Ponderosa Pine	18	Poor		
IM	1042	Ponderosa Pine	20	Poor		
IM	1043	Cottonwood	8	VeryPoor		
IM	1044	Cottonwood	8	VeryPoor		
IM	1045	Cottonwood	8	VeryPoor		
IM	1046	Cottonwood	12	Poor		
IM	1047	Cottonwood	10	VeryPoor		
IM	1048	Grey Pine	24	Good		
IM	1049	Cottonwood	12	VeryPoor		
IM	1050	Cottonwood	8	Poor		
IM	1051	Ponderosa Pine	10	Good		
IM	1052	Ponderosa Pine	10	Good		
IM	1053	Ponderosa Pine	20	Good		
IM	1054	Ponderosa Pine	14	Good		
IM	1055	Cottonwood	14	Fair		
IM	1056	Cottonwood	14	Fair		
IM	1057	Madrone	8	Excellent		
IM	1058	Grey Pine	18	Poor		
IM	1059	Ponderosa Pine	8	Fair		
IM	1060	Grey Pine	22	VeryPoor		
IM	1061	Grey Pine	10	Good		
IM	1062	Grey Pine	10	Good		
IM	1063	Cottonwood	20	Poor		
IM	1064	Grey Pine	10	Fair		
IM	1065	Cottonwood	10	Poor		
IM	1066	Ponderosa Pine	12	Good		

APPENDIX 1 Tree Inventory Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	1067	Cottonwood	10	Poor		
IM	1068	Cottonwood	16	Fair		
IM	1069	Ponderosa Pine	20	Good		
IM	1070	Grey Pine	16	Good		
IM	1071	Ponderosa Pine	30	Fair	Branch Disease	
IM	1073	Ponderosa Pine	10	Excellent		
IM	1074	Grey Pine	10	Excellent		
IM	1075	Ponderosa Pine	16	Poor	Branch Disease	
IM	1076	Ponderosa Pine	20	Good		
IM	1077	Grey Pine	20	Fair		
IM	1078	Black Oak	10	Good	Twin trunk	
IM	1079	Cottonwood	12	Poor		
IM	1080	Cottonwood	14	Poor		
IM	1081	Cottonwood	16	Poor		
IM	1082	Ponderosa Pine	8	Poor		
IM	1083	Ponderosa Pine	10	Poor	Trunk wound	
IM	1084	Ponderosa Pine	8	Good		
IM	1085	Cottonwood	32	Poor		
IM	1086	Incense Cedar	16	Good		
IM	1087	Ponderosa Pine	10	Fair		
IM	1088	Cottonwood	16	Fair		
IM	1089	Madrone	10	Good		
IM	1090	Madrone	8	Fair		
IM	1091	Ponderosa Pine	16	Good		
IM	1092	Ponderosa Pine	10	Good		
IM	1093	Ponderosa Pine	16	Good		
IM	1094	Ponderosa Pine	10	Good		
IM	1095	Ponderosa Pine	14	Good		
IM	1096	Ponderosa Pine	8	Good		
IM	1097	Cottonwood	10	Poor	Twin trunk	
IM	1098	Ponderosa Pine	14	Good		
IM	1099	Cottonwood	8	Poor		
IM	1100	Willow	10	Fair		
IM	1101	Grey Pine	10	Excellent		
IM	1102	Grey Pine	16	Good		
IM	1103	Grey Pine	8	Good		
IM	1104	Incense Cedar	10	Excellent		
IM	1105	Ponderosa Pine	12	Good		
IM	1106	Ponderosa Pine	10	Fair		
IM	1107	Ponderosa Pine	10	Fair	Twin trunk	
IM	1108	Ponderosa Pine	18	Good		
IM	1109	Cottonwood	12	Poor		
IM	1110	Grey Pine	14	Good		
IM	1111	Cottonwood	14	Fair		
IM	1112	Grey Pine	14	Fair		
IM	1113	Ponderosa Pine	16	Good		

APPENDIX 1 Tree Inventory Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	1114	Ponderosa Pine	24	Good		
IM	1115	Ponderosa Pine	18	Good		
IM	1116	Ponderosa Pine	12	Good		
IM	1117	Ponderosa Pine	14	Good		
IM	1118	Cottonwood	28	Good		
IM	1119	Ponderosa Pine	10	Good		
IM	1120	Ponderosa Pine	10	Fair		
IM	1121	Ponderosa Pine	10	Good		
IM	1122	Ponderosa Pine	10	Good		
IM	1123	Grey Pine	24	Poor		
IM	1124	Ponderosa Pine	26	Good		
IM	1125	Ponderosa Pine	28	Good		
IM	1126	Ponderosa Pine	20	Fair		
IM	1127	Ponderosa Pine	20	Good		
IM	1128	Ponderosa Pine	24	Excellent		
IM	1129	Ponderosa Pine	16	Good		
IM	1130	Ponderosa Pine	20	Good		
IM	1131	Ponderosa Pine	20	Fair		
IM	1132	Ponderosa Pine	34	VeryPoor		Multiple trunks
IM	1133	Ponderosa Pine	16	Good		
IM	1134	Ponderosa Pine	16	Good		
IM	1135	Ponderosa Pine	8	Excellent		
IM	1136	Ponderosa Pine	20	Good		
IM	1137	Ponderosa Pine	10	Good		
IM	1138	Ponderosa Pine	24	Good		
IM	1139	Ponderosa Pine	14	Good		
IM	1140	Ponderosa Pine	18	Good		
IM	1141	Ponderosa Pine	14	Good		
IM	1142	Grey Pine	12	Good		
IM	1143	Ponderosa Pine	8	Good		
IM	1144	Ponderosa Pine	14	Good		
IM	1145	Ponderosa Pine	12	Good		
IM	1146	Ponderosa Pine	10	Good		
IM	1147	Ponderosa Pine	14	Good		
IM	1148	Ponderosa Pine	8	Good		
IM	1149	Cottonwood	10	Poor		
IM	1150	Cottonwood	8	Poor		
IM	1151	Cottonwood	12	Poor		
IM	1152	Cottonwood	8	Poor		
IM	1153	Cottonwood	14	Fair		
IM	1154	Cottonwood	12	Fair		
IM	1155	Cottonwood	8	Poor		
IM	1156	Cottonwood	12	Poor		
IM	1157	Cottonwood	8	Fair		
IM	1158	Cottonwood	12	Poor		
IM	1159	Cottonwood	14	Poor		
IM	1160	Grey Pine	18	Good		
IM	1161	Cottonwood	12	Fair		

APPENDIX 1 Tree Inventory Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	1162	Grey Pine	10	Poor	Branch Disease	
IM	1163	Incense Cedar	10	Excellent		
IM	1164	Ponderosa Pine	8	Fair		
IM	1165	Ponderosa Pine	14	Good		
IM	1166	Cottonwood	8	Poor		
IM	1167	Cottonwood	14	Poor		
IM	1168	Ponderosa Pine	10	Good		
IM	1169	Ponderosa Pine	14	Excellent		
IM	1170	Ponderosa Pine	14	Good		
IM	1171	Grey Pine	12	Good		
IM	1172	Ponderosa Pine	18	Good		
IM	1173	Ponderosa Pine	20	Good		
IM	1174	Grey Pine	14	Good		
IM	1175	Ponderosa Pine	12	Good		
IM	1176	Grey Pine	12	Good		
IM	1177	Grey Pine	8	Good		
IM	1178	Ponderosa Pine	12	Good		
IM	1179	Ponderosa Pine	10	Good		
IM	1180	Cottonwood	14	Fair		
IM	1181	Cottonwood	14	Poor		
IM	1182	Cottonwood	16	Good		
IM	1183	Cottonwood	18	Good		
IM	1184	Cottonwood	14	Fair		
IM	1185	Cottonwood	10	Fair		
IM	1186	Cottonwood	14	Fair		
IM	1187	Cottonwood	16	Fair		
IM	1188	Cottonwood	12	Fair		
IM	1189	Cottonwood	12	Fair		
IM	1190	Cottonwood	8	Good		
IM	1191	Cottonwood	10	Poor		
IM	1192	Cottonwood	10	VeryPoor		
IM	1193	Ponderosa Pine	12	Good		
IM	1194	Cottonwood	8	VeryPoor		
IM	1195	Ponderosa Pine	26	Poor	Twin trunk	
IM	1196	Grey Pine	24	Fair		
IM	1197	Grey Pine	18	Poor	Trunk wound	
IM	1198	Ponderosa Pine	20	Good		
IM	1199	Cypress	16	Good		
IM	1200	Cypress	16	VeryPoor		
IM	1201	Ponderosa Pine	10	Good		
IM	1202	Ponderosa Pine	14	Fair		
IM	1203	Grey Pine	14	VeryPoor		
IM	1204	Ponderosa Pine	16	Good		
IM	1205	Ponderosa Pine	14	Good		
IM	1206	Ponderosa Pine	12	Good		
IM	1207	Incense Cedar	10	Poor		

APPENDIX 1 Tree Inventory Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	1208	Grey Pine	12	Poor	Branch Disease	
IM	1209	Ponderosa Pine	12	Fair	Branch Disease	
IM	1210	Ponderosa Pine	12	Fair	Branch Disease	
IM	1211	Incense Cedar	10	Good		
IM	1212	Ponderosa Pine	18	Good		
IM	1213	Ponderosa Pine	32	Good		
IM	1214	Ponderosa Pine	12	Good		
IM	1215	Incense Cedar	20	Good		
IM	1216	Ponderosa Pine	20	Good		
IM	1217	Ponderosa Pine	14	Good		
IM	1218	Incense Cedar	12	Excellent		
IM	1219	Ponderosa Pine	12	Good		
IM	1220	Ponderosa Pine	8	Good		
IM	1221	Ponderosa Pine	18	Good		
IM	1222	Ponderosa Pine	16	Good		
IM	1223	Ponderosa Pine	10	Good		
IM	1224	Grey Pine	16	VeryPoor	Dwarf Mistletoe	
IM	1225	Madrone	10	Good		
IM	1226	Grey Pine	8	Poor	Dwarf Mistletoe	
IM	1227	Ponderosa Pine	12	Good		
IM	1228	Grey Pine	14	Poor	Dwarf Mistletoe	
IM	1229	Ponderosa Pine	18	Good		
IM	1230	Grey Pine	10	Poor		
IM	1231	Ponderosa Pine	10	Good		
IM	1232	Ponderosa Pine	18	Good		
IM	1233	Ponderosa Pine	8	Good		
IM	1234	Ponderosa Pine	8	Good		
IM	1235	Cottonwood	14	Good		
IM	1236	Cottonwood	12	Poor		
IM	1237	Cottonwood	8	Fair		
IM	1238	Cottonwood	8	Fair		
IM	1239	Cottonwood	14	Good	Twin trunk	
IM	1240	Cottonwood	8	Poor		
IM	1241	Cottonwood	12	Fair		
IM	1242	Cottonwood	10	Poor		
IM	1243	Cottonwood	14	Fair		
IM	1244	Cottonwood	14	Poor		
IM	1245	Ponderosa Pine	12	Good		
IM	1246	Madrone	8	Excellent		
IM	1247	Cottonwood	10	Fair		
IM	1248	Ponderosa Pine	10	Good		
IM	1249	Ponderosa Pine	14	Good		

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Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	1250	Ponderosa Pine	22	Good		
IM	1251	Cottonwood	12	VeryPoor		
IM	1252	Cottonwood	16	Good		
IM	1253	Cottonwood	12	Poor		
IM	1254	Cottonwood	14	Poor		
IM	1255	Ponderosa Pine	12	Fair	Branch Disease	
IM	1256	Ponderosa Pine	30	Excellent		
IM	1257	Ponderosa Pine	28	Excellent		
IM	1258	Ponderosa Pine	8	Good		
IM	1259	Incense Cedar	10	Good		
IM	1260	Ponderosa Pine	12	Fair	Twin trunk	
IM	1261	Ponderosa Pine	20	Excellent		
IM	1262	Ponderosa Pine	18	Good		
IM	1263	Ponderosa Pine	18	Good		
IM	1264	Ponderosa Pine	20	Good	Twin trunk	
IM	1265	Ponderosa Pine	14	Good		
IM	1266	Incense Cedar	10	Good		
IM	1267	Ponderosa Pine	12	Good		
IM	1268	Ponderosa Pine	12	Good		
IM	1269	Ponderosa Pine	10	Fair		
IM	1270	Ponderosa Pine	12	Good		
IM	1271	Cottonwood	16	Good		
IM	1272	Cottonwood	14	Good		
IM	1273	Madrone	10	Good		
IM	1274	Ponderosa Pine	8	Fair		
IM	1275	Ponderosa Pine	10	Good		
IM	1276	Ponderosa Pine	10	Good		
IM	1277	Ponderosa Pine	10	Good		
IM	1278	Incense Cedar	12	Good		
IM	1279	Ponderosa Pine	10	Good		
IM	1280	Ponderosa Pine	12	Good		
IM	1281	Ponderosa Pine	10	Good		
IM	1282	Ponderosa Pine	10	Good		
IM	1283	Cottonwood	14	Good		
IM	1284	Cottonwood	12	Good		
IM	1285	Ponderosa Pine	10	Good		
IM	1286	Ponderosa Pine	10	Good		
IM	1287	Ponderosa Pine	12	Good		
IM	1288	Ponderosa Pine	18	Good		
IM	1289	Ponderosa Pine	12	Good		
IM	1290	Ponderosa Pine	10	Fair	Branch Disease	
IM	1291	Ponderosa Pine	12	Good		
IM	1292	Ponderosa Pine	16	Good		
IM	1293	Ponderosa Pine	10	Good		
IM	1294	Cottonwood	10	Poor		
IM	1295	Ponderosa Pine	12	Good		

APPENDIX 1 Tree Inventory Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	1296	Ponderosa Pine	12	Good		
IM	1297	Ponderosa Pine	22	Good		
IM	1298	Cottonwood	10	Poor		
IM	1299	Cottonwood	10	VeryPoor		
IM	1300	Ponderosa Pine	8	Poor		
IM	1301	Ponderosa Pine	12	Fair		
IM	1302	Ponderosa Pine	14	Good		
IM	1303	Cottonwood	14	Poor		
IM	1304	Ponderosa Pine	16	Good		
IM	1305	Ponderosa Pine	14	Good		
IM	1306	Cottonwood	12	Poor		
IM	1307	Cottonwood	10	Poor		
IM	1308	Cottonwood	10	Poor		
IM	1309	Cottonwood	12	Fair		
IM	1310	Cottonwood	10	Poor		
IM	1311	Cottonwood	8	Fair		
IM	1312	Cottonwood	10	Fair		
IM	1313	Cottonwood	12	Fair		
IM	1314	Cottonwood	12	Poor		
IM	1315	Incense Cedar	8	Excellent		
IM	1316	Cottonwood	8	Poor		
IM	1317	Cottonwood	12	Poor		
IM	1318	Cottonwood	8	Poor		
IM	1319	Cottonwood	24	Poor		
IM	1320	Ponderosa Pine	12	Good		
IM	1321	Madrone	14	Good		
IM	1322	Ponderosa Pine	8	Good		
IM	1323	Ponderosa Pine	28	Good		
IM	1324	Incense Cedar	10	Good		
IM	1325	Incense Cedar	10	Good		
IM	1326	Cottonwood	8	VeryPoor		
IM	1327	Cottonwood	8	Poor		
IM	1329	Ponderosa Pine	10	Fair		
IM	1330	Ponderosa Pine	8	Fair		
IM	1331	Cottonwood	10	Poor		
IM	1332	Cottonwood	8	Poor		
IM	1333	Cottonwood	10	Poor		
IM	1334	Cottonwood	8	Poor		
IM	1335	Cottonwood	20	Poor		
IM	1336	Cottonwood	10	Poor		
IM	1337	Cottonwood	8	Poor		
IM	1338	Cottonwood	30	Good		
IM	1339	Ponderosa Pine	8	Poor		
IM	1341	Grey Pine	12	Good		
IM	1342	Ponderosa Pine	12	Good		
IM	1343	Ponderosa Pine	12	Good		
IM	1344	Ponderosa Pine	12	Good		
IM	1345	Cottonwood	12	Fair		

APPENDIX 1 Tree Inventory Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	1346	Cottonwood	12	Poor		
IM	1347	Cottonwood	12	Fair		
IM	1348	Cottonwood	10	Poor		
IM	1349	Cottonwood	8	VeryPoor		
IM	1350	Cottonwood	10	VeryPoor	Mistletoe	
IM	1351	Cottonwood	8	Fair		
IM	1352	Cottonwood	8	Fair		
IM	1353	Cottonwood	10	Fair		
IM	1354	Cottonwood	10	VeryPoor		
IM	1355	Cottonwood	10	Poor		
IM	1356	Cottonwood	10	Poor		
IM	1357	Cottonwood	10	Fair		
IM	1358	Cottonwood	10	Good		
IM	1359	Cottonwood	8	VeryPoor		
IM	1360	Cottonwood	20	Good		
IM	1361	Cottonwood	8	Fair		
IM	1362	Cottonwood	8	Poor		
IM	1363	Cottonwood	8	Poor		
IM	1364	Cottonwood	8	Poor		
IM	1365	Cottonwood	14	Poor		
IM	1366	Cottonwood	10	Fair		
IM	1367	Cottonwood	12	Good		
IM	1368	Cottonwood	8	VeryPoor		
IM	1369	Cottonwood	8	VeryPoor		
IM	1370	Cottonwood	10	Poor		
IM	1371	Cottonwood	8	VeryPoor		
IM	1372	Cottonwood	12	Good		
IM	1373	Ponderosa Pine	18	Fair	Branch Disease, Blistering	
IM	1374	Ponderosa Pine	10	Good		
IM	1375	Ponderosa Pine	14	Good		
IM	1376	Ponderosa Pine	14	Good		
IM	1377	Ponderosa Pine	16	Excellent		
IM	1378	Ponderosa Pine	18	Excellent		
IM	1379	Ponderosa Pine	12	Excellent		
IM	1380	Ponderosa Pine	10	Good		
IM	1381	Ponderosa Pine	14	Good		
IM	1382	Ponderosa Pine	12	Good		
IM	1383	Ponderosa Pine	16	Excellent		
IM	1384	Ponderosa Pine	18	Good		
IM	1385	Incense Cedar	8	Good		
IM	1386	Ponderosa Pine	12	Good		
IM	1387	Ponderosa Pine	10	Poor		
IM	1388	Ponderosa Pine	12	Good		
IM	1389	Ponderosa Pine	10	Good		
IM	1390	Cottonwood	10	Fair		
IM	1391	Ponderosa Pine	10	Good		

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Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	1392	Ponderosa Pine	16	Good		
IM	1393	Cottonwood	10	Poor		
IM	1394	Cottonwood	10	Good		
IM	1395	Cottonwood	10	Fair		
IM	1396	Ponderosa Pine	10	Good		
IM	1397	Cottonwood	8	Fair		
IM	1398	Cottonwood	10	Poor		
IM	1399	Ponderosa Pine	8	Good		
IM	1400	Ponderosa Pine	12	Good		
IM	1401	Ponderosa Pine	12	Good		
IM	1402	Cottonwood	10	VeryPoor		
IM	1403	Cottonwood	12	Fair		
IM	1404	Cottonwood	14	Poor		
IM	1405	Cottonwood	10	Fair		
IM	1406	Cottonwood	10	Fair		
IM	1407	Cottonwood	10	Good		
IM	1408	Cottonwood	8	Fair		
IM	1409	Cottonwood	18	Poor		
IM	1410	Cottonwood	12	Good		
IM	1411	Cottonwood	10	Good		
IM	1412	Cottonwood	12	Fair		
IM	1413	Cottonwood	10	Poor		
IM	1414	Cottonwood	12	Fair		
IM	1415	Cottonwood	10	Good		
IM	1416	Cottonwood	10	Poor		
IM	1417	Cottonwood	12	Good		
IM	1418	Ponderosa Pine	16	Good		
IM	1419	Ponderosa Pine	20	Good		
IM	1420	Cottonwood	12	Fair		
IM	1421	Ponderosa Pine	36	Fair	Branch Disease	
IM	1422	White Alder	12	Fair		
IM	1423	Cottonwood	12	Fair		
IM	1424	Cottonwood	12	Good		
IM	1425	Cottonwood	14	Good		
IM	1426	Cottonwood	8	Fair		
IM	1427	Ponderosa Pine	14	Good		
IM	1428	Ponderosa Pine	8	Good		
IM	1429	Cottonwood	8	Good		
IM	1430	Cottonwood	10	Fair		
IM	1431	Cottonwood	10	Good		
IM	1432	Ponderosa Pine	8	Good		
IM	1433	Cottonwood	12	Good		
IM	1434	Cottonwood	12	Good		
IM	1435	Cottonwood	18	Good		
IM	1436	Cottonwood	14	Good		
IM	1437	Cottonwood	12	Good		
IM	1438	Cottonwood	16	Good		

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Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	1439	Cottonwood	14	Good		
IM	1440	Cottonwood	8	Good		
IM	1441	Ponderosa Pine	8	Good		
IM	1442	Ponderosa Pine	10	Good		
IM	1443	Ponderosa Pine	12	Good		
IM	1444	Ponderosa Pine	10	Good		
IM	1445	Cottonwood	10	Fair		
IM	1446	Cottonwood	10	Fair		
IM	1447	Cottonwood	20	Poor		
IM	1448	Cottonwood	10	VeryPoor		
IM	1449	Cottonwood	12	Poor		
IM	1450	Cottonwood	10	Poor		
IM	1451	Cottonwood	8	Poor		
IM	1452	Ponderosa Pine	10	Excellent		
IM	1453	Ponderosa Pine	8	Good		
IM	1454	Ponderosa Pine	10	Good		
IM	1455	Ponderosa Pine	18	Excellent		
IM	1456	Ponderosa Pine	12	Good		
IM	1457	Ponderosa Pine	16	Good		
IM	1458	Cottonwood	8	VeryPoor		
IM	1459	Ponderosa Pine	32	Good		
IM	1460	Cottonwood	8	VeryPoor		
IM	1461	Madrone	8	Good		
IM	1462	Ponderosa Pine	18	Good		
IM	1463	Black Oak	8	Poor		
IM	1464	Black Oak	14	Good		Multiple trunks
IM	1465	Ponderosa Pine	12	Good		
IM	1466	Incense Cedar	20	Good		
IM	1467	Ponderosa Pine	28	VeryPoor	Hip Canker	
IM	1468	Ponderosa Pine	12	Good		
IM	1469	Ponderosa Pine	12	Good		
IM	1470	Ponderosa Pine	28	Good		
IM	1472	Ponderosa Pine	22	Good		
IM	1473	Cottonwood	8	Poor		
IM	1474	Ponderosa Pine	8	Excellent		
IM	1475	Ponderosa Pine	10	Excellent		
IM	1476	Cottonwood	8	Poor		
IM	1477	Ponderosa Pine	10	Excellent		
IM	1478	Cottonwood	10	Fair		
IM	1479	Ponderosa Pine	8	Excellent		
IM	1480	Cottonwood	10	Poor		
IM	1481	Cottonwood	12	VeryPoor		
IM	1482	Cottonwood	14	Fair		
IM	1483	Cottonwood	12	Poor		
IM	1484	Cottonwood	16	Poor		
IM	1485	Cottonwood	10	Poor		
IM	1486	Cottonwood	12	Fair		
IM	1487	Ponderosa Pine	8	Excellent		

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Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	1488	Cottonwood	8	Excellent	Mistletoe	
IM	1489	Cottonwood	10	Fair		
IM	1490	Cottonwood	10	Poor		
IM	1491	Cottonwood	12	Poor		
IM	1492	Cottonwood	12	Fair		
IM	1493	Cottonwood	14			**Inv.to be completed
IM	1494	Cottonwood	14			**Inv.to be completed
IM	1495	White Alder	14	Poor	Trunk wound	
IM	1496	White Alder	8	Poor	Trunk wound	
IM	1497	Cottonwood	20	VeryPoor		
IM	1498	Ponderosa Pine	18	Fair		
IM	1499	White Alder	10	VeryPoor		
IM	1500	White Alder	14	Good		
IM	2001	Cottonwood	40	Poor		
IM	2002	Cottonwood	18	VeryPoor	Trunk wound	
IM	2003	Cottonwood	24	Poor		
IM	2004	Cottonwood	24	Poor		
IM	2005	Cottonwood	36	VeryPoor		
IM	2006	Ponderosa Pine	26	Good		
IM	2007	Ponderosa Pine	18	Good		
IM	2008	Cottonwood	12	Poor		
IM	2009	Grey Pine	14	Good		
IM	2010	Grey Pine	16	Good		
IM	2011	Grey Pine	12	Good		
IM	2012	Grey Pine	34	Fair		
IM	2013	Ponderosa Pine	26	Poor		
IM	2014	Grey Pine	16	Excellent		
IM	2015	Grey Pine	12	Good		
IM	2016	Black Oak	34	Fair	Cavities/Decay	
IM	2017	***To be inventoried				***To be inventoried
IM	2018	Ponderosa Pine	8	Excellent		
IM	2019	Ponderosa Pine	8	Good		
IM	2020	Grey Pine	8	Good		
IM	2021	Grey Pine	14	Good		
IM	2022	Ponderosa Pine	10	Good		
IM	2023	Ponderosa Pine	12	Excellent		
IM	2024	Ponderosa Pine	10	Good		
IM	2025	Ponderosa Pine	12	Good		
IM	2026	Grey Pine	14	Fair		
IM	2027	Ponderosa Pine	14	Fair		
IM	2028	Ponderosa Pine	10	Good		
IM	2029	Grey Pine	18	Good		
IM	2030	Ponderosa Pine	10	Good		
IM	2031	Ponderosa Pine	14	Excellent		
IM	2032	Grey Pine	12	Good		

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Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	2033	Ponderosa Pine	12	Good		
IM	2034	Ponderosa Pine	8	Good		
IM	2035	Ponderosa Pine	10	Good		
IM	2036	Grey Pine	14	Excellent		
IM	2037	Ponderosa Pine	14	Good		
IM	2038	Ponderosa Pine	16	Good		
IM	2039	Ponderosa Pine	10	Good		
IM	2040	Cottonwood	12	Poor		
IM	2041	Ponderosa Pine	16	Excellent		
IM	2042	Cottonwood	8	Poor		
IM	2043	Cottonwood	8	Poor		
IM	2044	Grey Pine	38	Fair		
IM	2045	Grey Pine	40	Fair	Dwarf Mistletoe	
IM	2046	Ponderosa Pine	10	Excellent		
IM	2047	Ponderosa Pine	16	Good		
IM	2048	Ponderosa Pine	8	Good		
IM	2049	Ponderosa Pine	14	Fair		
IM	2050	Cottonwood	10	Good		
IM	2051	Other	8	Excellent	Cypress stress	
IM	2052	Ponderosa Pine	22	Good		
IM	2053	Ponderosa Pine	18	Poor	Cavities/Decay	
IM	2054	Ponderosa Pine	18	Good		
IM	2055	Grey Pine	18	Good		
IM	2056	Ponderosa Pine	20	Good		
IM	2076	Grey Pine	10	VeryPoor		
IM	2077	Grey Pine	14	VeryPoor		
IM	2078	Grey Pine	18	Poor	Dwarf Mistletoe	
IM	2079	Ponderosa Pine	18	Good		
IM	2080	Ponderosa Pine	18	Good		
IM	2081	Ponderosa Pine	20	Good		
IM	2082	Ponderosa Pine	10	Fair		
IM	2083	Ponderosa Pine	14	Good		
IM	2084	Ponderosa Pine	22	Good		
IM	2085	Incense Cedar	20	Fair	Branch Disease	
IM	2086	Ponderosa Pine	12	Fair		
IM	2087	Ponderosa Pine	22	Good		
IM	2088	Ponderosa Pine	8	Fair		
IM	2089	Ponderosa Pine	22	Good		
IM	2090	Ponderosa Pine	26	Good		
IM	2091	Ponderosa Pine	20	Fair		
IM	2092	Ponderosa Pine	24	Good		
IM	2093	Grey Pine	22	VeryPoor		
IM	2094	Grey Pine	10	Fair		
IM	2095	Ponderosa Pine	16	Good		

APPENDIX 1 Tree Inventory Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	2096	Ponderosa Pine	10	Fair		
IM	2097	Ponderosa Pine	28	Good		
IM	2098	Ponderosa Pine	12	Fair		
IM	2099	Incense Cedar	8	Fair		
IM	2100	Ponderosa Pine	18	Good		
IM	2101	Ponderosa Pine	26	Good		
IM	2102	Ponderosa Pine	10	Good		
IM	2103	Ponderosa Pine	10	Good		
IM	2104	Ponderosa Pine	14	Good		
IM	2105	Ponderosa Pine	24	Good		
IM	2106	Ponderosa Pine	10	Poor	Branch Disease	
IM	2107	Ponderosa Pine	14	Fair		
IM	2108	Black Oak	14	Good		
IM	2109	Ponderosa Pine	16	Poor		
IM	2110	Ponderosa Pine	20	Fair		
IM	2111	Ponderosa Pine	16	Good		
IM	2112	Ponderosa Pine	40	Fair		
IM	2113	Incense Cedar	16	Poor	Branch Disease	
IM	2114	Incense Cedar	14	Fair	Branch Disease	
IM	2115	Ponderosa Pine	22	Good		
IM	2116	Ponderosa Pine	18	Good		
IM	2117	Ponderosa Pine	16	Poor	Trunk wound	
IM	2118	Ponderosa Pine	22	Good		
IM	2119	Ponderosa Pine	10	Fair		
IM	2120	Ponderosa Pine	18	Good		
IM	2121	Ponderosa Pine	12	Fair		
IM	2122	Ponderosa Pine	20	Good		
IM	2123	Ponderosa Pine	26	Good		
IM	2124	Incense Cedar	12	Fair		
IM	2125	Incense Cedar	26	Good		
IM	2126	Black Oak	12	Poor	Cavities/Decay	
IM	2127	Ponderosa Pine	18	Excellent		
IM	2128	Ponderosa Pine	26	Fair	Dwarf Mistletoe	
IM	2129	Grey Pine	14	VeryPoor	Dwarf Mistletoe	
IM	2130	Ponderosa Pine	32	VeryPoor	Dwarf Mistletoe	
IM	2131	Ponderosa Pine	24	Good		
IM	2132	Ponderosa Pine	26	Good		
IM	2133	Ponderosa Pine	28	Poor	Trunk wound	
IM	2134	Ponderosa Pine	8	Good		
IM	2135	Ponderosa Pine	10	Good		
IM	2136	Ponderosa Pine	10	Fair		

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Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	2137	Ponderosa Pine	10	Excellent		
IM	2138	Ponderosa Pine	8	Excellent		
IM	2139	Ponderosa Pine	8	Fair	Branch Disease	
IM	2140	Ponderosa Pine	8	Poor	Branch Disease	
IM	2141	Ponderosa Pine	12	Excellent		
IM	2142	Ponderosa Pine	8	Excellent		
IM	2143	Ponderosa Pine	8	Poor	Branch Disease	
IM	2144	Ponderosa Pine	8	Good		
IM	2145	Grey Pine	10	Good		
IM	2146	Ponderosa Pine	10	Fair		
IM	2147	Ponderosa Pine	10	Fair	Branch Disease	
IM	2148	Ponderosa Pine	10	Fair	Branch Disease	
IM	2149	Grey Pine	12	Fair	Branch Disease	
IM	2150	Grey Pine	12	Good		
IM	2151	Grey Pine	12	Excellent		
IM	2152	Grey Pine	14	Excellent		
IM	2153	Grey Pine	14	Good		
IM	2154	Grey Pine	12	Poor	Branch Disease, Gall rust	
IM	2155	Grey Pine	36	Good		
IM	2156	Grey Pine	24	Poor		
IM	2157	Grey Pine	32	VeryPoor		
IM	2158	Grey Pine	14	Poor	Branch Disease	
IM	2159	Grey Pine	36	Poor	Branch Disease	
IM	2160	Grey Pine	8	Good		
IM	2161	Grey Pine	10	Good		
IM	2162	Grey Pine	22	Fair		
IM	2163	Grey Pine	14	Poor		
IM	2164	Grey Pine	14	Poor		
IM	2165	White Alder	10	Poor		
IM	2166	Grey Pine	30	VeryPoor		
IM	2167	Ponderosa Pine	24	Good		
IM	2168	Ponderosa Pine	18	Good		
IM	2169	Ponderosa Pine	22	Fair		
IM	2170	Ponderosa Pine	14	Good		
IM	2171	Grey Pine	14	Poor		
IM	2172	Grey Pine	20	Good		
IM	2173	Ponderosa Pine	22	Excellent		
IM	2174	Ponderosa Pine	38	Fair		

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Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	2175	Grey Pine	12	Fair		
IM	2176	Grey Pine	16	Fair		
IM	2177	Grey Pine	12	Excellent		
IM	2178	Ponderosa Pine	40	Poor	Branch Disease	
IM	2179	Ponderosa Pine	12	Excellent		
IM	2180	Ponderosa Pine	22	Fair		
IM	2181	Ponderosa Pine	10	Good		
IM	2182	Ponderosa Pine	26	Good		
IM	2183	Ponderosa Pine	26	Excellent		
IM	2184	Black Oak	38	Good		
IM	2185	Ponderosa Pine	20	Good		
IM	2186	Ponderosa Pine	26	Good		
IM	2187	Ponderosa Pine	20	Good		
IM	2188	Ponderosa Pine	26	Good		
IM	2189	Ponderosa Pine	24	Good		
IM	2190	Ponderosa Pine	16	Fair	Other	Lean
IM	2191	Incense Cedar	30	Fair	Twin trunk	
IM	2192	Ponderosa Pine	22	Good		
IM	2193	Ponderosa Pine	26	Good		
IM	2194	Ponderosa Pine	16	Good		
IM	2195	Incense Cedar	22	Good		
IM	2196	Ponderosa Pine	24	Fair		
IM	2197	Black Oak	34	Good		
IM	2198	Incense Cedar	20	Poor	Branch Disease, Incense Cedar rust	
IM	2199	Ponderosa Pine	24	Good		
IM	2200	Ponderosa Pine	18	Good		
IM	2201	Black Oak	34	Good		
IM	2202	Ponderosa Pine	18	Good		
IM	2203	Ponderosa Pine	10	Good		
IM	2204	Ponderosa Pine	20	Good	Trunk wound	
IM	2205	Ponderosa Pine	18	Good	Trunk wound	
IM	2206	Ponderosa Pine	34	Good		
IM	2207	Ponderosa Pine	22	Good		
IM	2208	Ponderosa Pine	22	Good		
IM	2209	Ponderosa Pine	12	Good		
IM	2210	Ponderosa Pine	12	Fair		
IM	2211	Cottonwood	28	Poor		
IM	2212	Ponderosa Pine	12	Fair		
IM	2213	Cottonwood	12	Fair		
IM	2214	Cottonwood	14	Poor		
IM	2215	Ponderosa Pine	14	Good		
IM	2216	Cottonwood	10	Poor		
IM	2217	Cottonwood	20	Poor		
IM	2218	Cottonwood	16	Poor		

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Tree Inventory

Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	2219	Cottonwood	16	Poor		
IM	2220	Cottonwood	20	Fair		
IM	2221	Cottonwood	22	Poor		
IM	2222	Cottonwood	12	Poor		
IM	2223	Cottonwood	32	VeryPoor		
IM	2224	Cottonwood	10	Poor		
IM	2225	Cottonwood	14	Poor		
IM	2226	Cottonwood	24	Poor	Twin trunk	
IM	2227	Cottonwood	10	Poor		
IM	2228	Cottonwood	26	Fair		
IM	2229	Ponderosa Pine	14	Good		
IM	2230	Grey Pine	34	Good		
IM	2231	Ponderosa Pine	10	Excellent		
IM	2232	Incense Cedar	12	Good		
IM	2233	***To be inventoried				***To be inventoried
IM	2234	Cottonwood	8	VeryPoor		
IM	2235	Grey Pine	10	Good		
IM	2236	Cottonwood	12	Fair		
IM	2237	Cottonwood	8	Poor		
IM	2238	Cottonwood	8	VeryPoor		
IM	2239	Ponderosa Pine	40	Fair		
IM	2240	Cottonwood	10	VeryPoor		
IM	2241	Ponderosa Pine	8	Good		
IM	2242	Grey Pine	34	Good		
IM	2243	Cottonwood	32	VeryPoor	Twin trunk	
IM	2244	Incense Cedar	38	Good		
IM	2245	Ponderosa Pine	16	VeryPoor		
IM	2246	Ponderosa Pine	36	Fair	Bark Beetles	
IM	2247	Ponderosa Pine	32	VeryPoor		
IM	2248	Grey Pine	30	Fair		
IM	2249	Grey Pine	10	Good		
IM	2250	Grey Pine	8	VeryPoor	Dead or dying	
IM	2251	Grey Pine	8	VeryPoor	Dead or dying	
IM	2252	Grey Pine	16	Poor		
IM	2253	Grey Pine	10	Fair		
IM	2254	Grey Pine	10	Good		
IM	2255	Grey Pine	21	Poor		
IM	2256	Grey Pine	32	Fair		
IM	2257	Grey Pine	40	Fair		
IM	2258	Grey Pine	16	Fair		
IM	2259	Ponderosa Pine	20	Excellent		
IM	2260	Grey Pine	20	Poor		
IM	2261	Grey Pine	26	VeryPoor	Trunk wound	
IM	2262	Ponderosa Pine	14	Good		
IM	2263	Ponderosa Pine	20	Excellent		
IM	2264	Cottonwood	14	Poor		
IM	2265	Ponderosa Pine	10	Good		
IM	2266	Ponderosa Pine	8	Fair		

APPENDIX 1 Tree Inventory Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	2267	Ponderosa Pine	18	Good		Tag added to Inv
IM	2268	Cottonwood	8	VeryPoor		
IM	2269	Ponderosa Pine	10	Good		
IM	2270	Cottonwood	14	Fair		
IM	2271	Cottonwood	14	Fair		Tag added to inv
IM	2272	Cottonwood	14	Fair		
IM	2273	Madrone	12	Excellent		
IM	2274	Cottonwood	14	Fair		
IM	2275	Cottonwood	14	Fair		
IM	2276	***To be inventoried				***To be inventoried
IM	2277	Grey Pine	18	Fair		
IM	2278	Madrone	8	Excellent		
IM	2279	Grey Pine	24	Good		
IM	2280	Ponderosa Pine	8	Good		
IM	2281	Incense Cedar	12	Excellent		
IM	2282	Grey Pine	20	Poor		
IM	2283	Grey Pine	16	Fair		
IM	2284	Grey Pine	24	Fair		
IM	2285	Grey Pine	34	Good		
IM	2286	Grey Pine	14	Good		
IM	2287	Grey Pine	14	Fair		
IM	2288	Grey Pine	38	Poor		
IM	2289	Grey Pine	24	Fair		
IM	2290	Grey Pine	18	Good		
IM	2291	Grey Pine	34	Good		
IM	2292	Grey Pine	22	Fair		
IM	2293	Grey Pine	16	Fair		
IM	2294	Grey Pine	12	Fair		
IM	2295	Cottonwood	16	Fair		
IM	2296	Cottonwood	10	Poor		
IM	2297	Cottonwood	14	Fair		
IM	2298	Ponderosa Pine	14	Good		
IM	2299	Cottonwood	14	Poor		
IM	2300	Cottonwood	12	Poor		
IM	2301	Cottonwood	8	Fair		
IM	2302	Cottonwood	12	Fair		
IM	2303	Cottonwood	12	Fair		
IM	2304	Cottonwood	14	Fair		
IM	2305	Cottonwood	12	Fair		
IM	2306	Cottonwood	10	Fair		
IM	2307	Cottonwood	30	Poor	Twin trunk	
IM	2308	Cottonwood	10	Fair		
IM	2309	Cottonwood	12	Fair		
IM	2310	Cottonwood	10	Poor		
IM	2311	Cottonwood	10	Poor		
IM	2312	Cottonwood	22	Fair		
IM	2313	Incense Cedar	12	Good		
IM	2314	Ponderosa Pine	10	Good		

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Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	2315	Grey Pine	10	Good		
IM	2316	Grey Pine	18	Good		
IM	2317	Grey Pine	10	Poor	Branch Disease	
IM	2318	Ponderosa Pine	24	Good		
IM	2319	Ponderosa Pine	14	Good		
IM	2320	Madrone	10	Good		
IM	2321	Cottonwood	16	Fair		
IM	2322	Cottonwood	12	Poor		
IM	2323	Cottonwood	12	Fair		
IM	2324	Cottonwood	12	Fair		
IM	2325	Cottonwood	16	Poor		
IM	2326	Madrone	24	Excellent		
IM	2327	Cottonwood	16	Good		
IM	2328	Cottonwood	14	Poor		
IM	2329	Ponderosa Pine	14	Excellent		
IM	2330	Ponderosa Pine	10	Good		
IM	2331	Ponderosa Pine	12	Good		
IM	2332	Madrone	8	Good		
IM	2333	Ponderosa Pine	10	Good		
IM	2334	Madrone	8	Good		
IM	2335	Madrone	8	Good		
IM	2336	Madrone	10	Excellent		
IM	2337	Ponderosa Pine	16	Fair		
IM	2338	Ponderosa Pine	12	Fair		
IM	2339	Cottonwood	12	VeryPoor		Multiple trunks
IM	2340	Grey Pine	12	Poor		
IM	2341	Madrone	10	Good		
IM	2342	Madrone	18	Good		
IM	2343	Cottonwood	12	Fair		
IM	2344	Ponderosa Pine	10	Fair		
IM	2345	Madrone	12	Excellent		
IM	2346	Cottonwood	14	Good		
IM	2347	Cottonwood	10	Fair		
IM	2348	Ponderosa Pine	8	Good		
IM	2349	Madrone	12	Poor		
IM	2350	Cottonwood	12	Good		
IM	2351	Ponderosa Pine	12	Fair		
IM	2352	Ponderosa Pine	10	Good		
IM	2353	Ponderosa Pine	16	Excellent		
IM	2354	Ponderosa Pine	18	Good		
IM	2355	Madrone	10	Good		
IM	2356	Cottonwood	12	Poor		
IM	2357	Ponderosa Pine	12	Good		
IM	2358	Madrone	10	Excellent		
IM	2359	Cottonwood	24	Good		
IM	2360	Cottonwood	16	Good		
IM	2361	Cottonwood	20	Good		

APPENDIX 1 Tree Inventory Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	2362	Madrone	8	Good		
IM	2363	Ponderosa Pine	14	Fair		
IM	2364	Ponderosa Pine	8	Fair		
IM	2365	Ponderosa Pine	26	Good		
IM	2366	Ponderosa Pine	14	Good		
IM	2367	Cottonwood	12	Poor		
IM	2368	Cottonwood	12	Fair		
IM	2369	Cottonwood	26	Poor		
IM	2370	Cottonwood	12	Fair		
IM	2371	Incense Cedar	10	Good		
IM	2372	Ponderosa Pine	16	Good		
IM	2373	Ponderosa Pine	14	Good		
IM	2374	Ponderosa Pine	18	Good		
IM	2375	Cottonwood	28	Poor		
IM	2376	Madrone	12	Good	Twin trunk	
IM	2378	Ponderosa Pine	12	Good		
IM	2379	Ponderosa Pine	20	Good		
IM	2380	Ponderosa Pine	12	Good		
IM	2381	Cottonwood	20	Good		
IM	2382	Cottonwood	20	Poor		
IM	2383	Cottonwood	14	Good		
IM	2384	Cottonwood	8	Poor		
IM	2385	Cottonwood	8	Fair		
IM	2386	Cottonwood	18	Good		
IM	2387	Cottonwood	14	Good		
IM	2388	Madrone	10	Good		
IM	2389	Ponderosa Pine	20	Good		
IM	2390	Ponderosa Pine	8	Poor		
IM	2391	Ponderosa Pine	12	Fair		
IM	2392	Madrone	14	Good		
IM	2393	Madrone	8	Good		
IM	2394	Madrone	14	Good		
IM	2395	Ponderosa Pine	28	Excellent		
IM	2396	Grey Pine	12	Good		
IM	2397	Ponderosa Pine	28	Fair		
IM	2398	Grey Pine	16	Excellent		
IM	2399	Grey Pine	22	Good		
IM	2400	Grey Pine	18	Good		
IM	2401	Cottonwood	18	Poor		
IM	2402	Ponderosa Pine	24	Poor		
IM	2403	Ponderosa Pine	10	Good		
IM	2404	Ponderosa Pine	8	Excellent		
IM	2405	Incense Cedar	22	Excellent		
IM	2406	Ponderosa Pine	10	Good		
IM	2407	Cottonwood	8	Fair		
IM	2408	***To be inventoried				***To be inventoried
IM	2409	Ponderosa Pine	10	Good		
IM	2410	Ponderosa Pine	14	Good		

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Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	2411	Ponderosa Pine	12	Good		
IM	2412	Ponderosa Pine	22	Good		
IM	2413	Madrone	18	Excellent		
IM	2414	Madrone	8	Good		
IM	2415	Madrone	12	Good		
IM	2416	Ponderosa Pine	16	Good		
IM	2417	Cottonwood	16	Poor		
IM	2418	Cottonwood	16	Poor		
IM	2419	Madrone	12	Good		
IM	2420	Ponderosa Pine	14	Fair		
IM	2421	Ponderosa Pine	18	Fair		
IM	2422	Cottonwood	14	Poor		
IM	2423	Ponderosa Pine	14	Fair		
IM	2424	Grey Pine	14	Good		
IM	2425	Grey Pine	22	Good		
IM	2426	Grey Pine	24	Good		
IM	2427	Cottonwood	24	Fair		
IM	2428	Cottonwood	18	Poor		
IM	2429	Ponderosa Pine	14	Fair		
IM	2430	Ponderosa Pine	16	Good		
IM	2431	Ponderosa Pine	14	Good		
IM	2432	Grey Pine	20	Good		
IM	2433	Grey Pine	10	Good		
IM	2434	Grey Pine	10	Good		
IM	2435	Grey Pine	20	Fair		
IM	2436	LiveOak	8	Good		
IM	2437	LiveOak	8	Fair		
IM	2438	Grey Pine	26	Fair		
IM	2439	Grey Pine	28	Fair		
IM	2440	Grey Pine	16	Fair		
IM	2441	Grey Pine	18	Good		
IM	2442	Grey Pine	10	Good		
IM	2443	Grey Pine	32	Poor		
IM	2444	Cottonwood	14	Fair		
IM	2445	Cottonwood	8	Fair		
IM	2446	Cottonwood	10	Poor		
IM	2447	Cottonwood	10	Fair		
IM	2448	Cottonwood	8	Poor		
IM	2449	Cottonwood	12	Fair		
IM	2450	Cottonwood	10	Poor		
IM	2451	Cottonwood	10	Poor		
IM	2452	Cottonwood	10	Poor		
IM	2453	Cottonwood	16	VeryPoor		
IM	2454	Cottonwood	8	Poor		
IM	2455	Cottonwood	8	Poor		
IM	2456	Cottonwood	14	Fair		
IM	2457	Ponderosa Pine	16	Fair		
IM	2458	Cottonwood	26	VeryPoor		

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Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	2459	Cottonwood	8	Fair	Mistletoe	
IM	2460	Ponderosa Pine	18	Good		
IM	2461	Cottonwood	26	VeryPoor		
IM	2462	Ponderosa Pine	14	Good		
IM	2463	Madrone	14	Excellent		
IM	2464	Cottonwood	40	Poor		
IM	2465	Madrone	12	Good		
IM	2466	Ponderosa Pine	18	Fair		
IM	2467	Ponderosa Pine	16	Fair		
IM	2468	Grey Pine	10	Good		
IM	2469	Grey Pine	16	Good		
IM	2470	Cottonwood	20	VeryPoor		
IM	2471	Incense Cedar	14	Fair	Trunk wound	
IM	2472	Grey Pine	12	Good		
IM	2473	Madrone	10	Good		
IM	2474	Cottonwood	36	Fair		
IM	2475	Ponderosa Pine	12	Good		
IM	2476	Madrone	12	Good		
IM	2477	Cottonwood	16	Fair		
IM	2478	Madrone	10	Good		
IM	2479	Cottonwood	34	Poor	Trunk wound	
IM	2480	Cottonwood	8	Good		
IM	2481	Cottonwood	10	Fair		
IM	2482	Cottonwood	12	Fair		
IM	2483	Ponderosa Pine	8	Good		
IM	2484	Cottonwood	8	Good		
IM	2485	Cottonwood	8	Good		
IM	2486	Grey Pine	8	Poor	Branch Disease	
IM	2487	Ponderosa Pine	12	Good		
IM	2490	Grey Pine	10	Good		
IM	2491	Ponderosa Pine	20	Good		
IM	2492	Cottonwood	18	Fair		
IM	2493	Cottonwood	18	Good		
IM	2494	Madrone	8	Good		Added tag
IM	2495	Grey Pine	40	Fair		
IM	2496	Cottonwood	28	Poor		
IM	2497	Ponderosa Pine	14	Good		
IM	2498	Ponderosa Pine	14	Good		
IM	2499	Grey Pine	10	Good		
IM	2500	Cottonwood	20	Good		
IM	2501	Ponderosa Pine	16	Fair		
IM	2502	Ponderosa Pine	18	Fair		
IM	2503	Grey Pine	24	Fair		
IM	2504	Grey Pine	16	Fair		
IM	2505	Grey Pine	24	Poor		
IM	2506	Grey Pine	22	VeryPoor	Cavities/Decay	

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Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	2507	Ponderosa Pine	38	Excellent		
IM	2508	Ponderosa Pine	12	Excellent		
IM	2509	Ponderosa Pine	12	Good		
IM	2510	Ponderosa Pine	14	Excellent		
IM	2511	Ponderosa Pine	12	Excellent		
IM	2512	Ponderosa Pine	10	Fair	Branch Disease	
IM	2513	Ponderosa Pine	36	Fair	Branch Disease	
IM	2514	Grey Pine	14	Excellent		
IM	2515	Ponderosa Pine	8	Excellent		
IM	2516	Grey Pine	12	Fair	Branch Disease	
IM	2517	Ponderosa Pine	12	Fair		
IM	2518	Grey Pine	8	Fair	Branch Disease	
IM	2519	Ponderosa Pine	12	Good		
IM	2520	Ponderosa Pine	10	Fair	Branch Disease	
IM	2521	Grey Pine	14	Poor		
IM	2522	Grey Pine	14	Good		
IM	2523	Grey Pine	10	Excellent		
IM	2524	Grey Pine	10	VeryPoor		
IM	2525	Grey Pine	14	Fair		
IM	2526	Cottonwood	34	VeryPoor		
IM	2527	***To be inventoried				***To be inventoried
IM	2528	Cottonwood	12	VeryPoor		
IM	2529	Grey Pine	10	Excellent		
IM	2530	Cottonwood	14	VeryPoor		
IM	2531	Cottonwood	10	VeryPoor		
IM	2532	Cottonwood	10	VeryPoor		
IM	2533	Grey Pine	20	Good		
IM	2534	Ponderosa Pine	36	Good		
IM	2535	Grey Pine	14	Fair		
IM	2536	Ponderosa Pine	14	Good	None	
IM	2537	Grey Pine	30	Poor		Forked trunk
IM	2538	Grey Pine	26	Fair		
IM	2539	Grey Pine	14	Good		
IM	2540	White Alder	20	Poor		
IM	2541	Grey Pine	22	Fair		
IM	2542	Grey Pine	10	Good		
IM	2543	Grey Pine	12	Good		
IM	2544	Grey Pine	14	Good		
IM	2545	Grey Pine	12			**Inv.to be completed
IM	2546	Grey Pine	36	Excellent		
IM	2547	Grey Pine	14	Fair	Branch Disease	

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Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	2548	Grey Pine	34	Good		
IM	2549	Grey Pine	8	Good		
IM	2550	***To be inventoried				***To be inventoried
IM	2551	Grey Pine	14	Fair		
IM	2552	Grey Pine	12	Good		
IM	2553	Grey Pine	8	Poor	Branch Disease	
IM	2554	Grey Pine	10	Good		
IM	2555	Grey Pine	12	Good		
IM	2556	Ponderosa Pine	14	Excellent		
IM	2557	Ponderosa Pine	40	Excellent		
IM	2558	Ponderosa Pine	10	Excellent		
IM	2559	Grey Pine	14	Excellent		
IM	2560	Ponderosa Pine	10	Excellent		
IM	2561	Ponderosa Pine	36	Excellent		
IM	2562	Grey Pine	10	Good		
IM	2563	Grey Pine	14	Fair		
IM	2564	White Alder	8	Good		
IM	2565	Grey Pine	34	Good		
IM	2566	Incense Cedar	10	Good		
IM	2567	Grey Pine	34	Good		
IM	2568	Ponderosa Pine	38	Excellent		
IM	2569	Grey Pine	34	Excellent		
IM	2570	Incense Cedar	12	Good		
IM	2571	Grey Pine	22	Good		
IM	2572	Grey Pine	48	VeryPoor		62 dbh
IM	2573	Grey Pine	38	Fair		
IM	2574	Ponderosa Pine	16	Excellent		
IM	2575	Grey Pine	10	Good		
IM	2576	Grey Pine	36	Good		
IM	2577	Ponderosa Pine	20	Good		
IM	2578	Grey Pine	38	Excellent		
IM	2579	Grey Pine	14	VeryPoor		Forked trunk
IM	2580	Ponderosa Pine	12	Good		
IM	2581	Ponderosa Pine	12	Excellent		
IM	2582	Ponderosa Pine	14	Excellent		
IM	2583	Ponderosa Pine	14	Good		
IM	2584	Grey Pine	10	Good		
IM	2585	Ponderosa Pine	38	Excellent		
IM	2586	Ponderosa Pine	36	Excellent		
IM	2587	Ponderosa Pine	38	Good		
IM	2588	Ponderosa Pine	8	Excellent		
IM	2589	Grey Pine	22	Fair		
IM	2590	Grey Pine	20	Fair		
IM	2591	Ponderosa Pine	10	Good		
IM	2592	Ponderosa Pine	8	Fair		
IM	2593	Ponderosa Pine	8	Excellent		
IM	2594	Ponderosa Pine	34	Excellent		

APPENDIX 1 Tree Inventory Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	2595	Madrone	12	Excellent		
IM	2596	Ponderosa Pine	12	Excellent		
IM	2597	Grey Pine	32	Poor		
IM	2944	***To be inventoried				***To be inventoried
IM	22271	***To be inventoried				***To be inventoried
IM	23267	***To be inventoried				***To be inventoried
RH	1	Ponderosa Pine	22	Excellent		
RH	2	Pine grey	20	Poor		
RH	3	Pine grey	10	VeryPoor		
RH	4	Ponderosa Pine	24	Excellent		
RH	5	Ponderosa Pine	20	Good		
RH	6	Incense Cedar	12	Fair		
RH	7	Ponderosa Pine	12	Good		
RH	8	Incense Cedar	12	Good		
RH	9	Ponderosa Pine	18	Fair		
RH	10	Black Oak	8	Good		
RH	11	Ponderosa Pine	18	Good		
RH	12	Cottonwood	12	VeryPoor		
RH	13	Black Oak	12	Good		
RH	14	Ponderosa Pine	12	Good		
RH	15	Incense Cedar	10	Good		
RH	16	Incense Cedar	16	Good		
RH	17	Madrone	10	Excellent		
RH	18	Locust	14	Fair		
RH	19	Ponderosa Pine	13	Excellent		
RH	20	Madrone	13	VeryPoor	Dead or Dying	Twin trunks
RH	21	Black Oak	15	Fair		
RH	22	Black Oak	10	Good		
RH	23	Ponderosa Pine	22	Good		
RH	24	Ponderosa Pine	18	Good		
RH	25	Black Oak	14	Fair		
RH	26	Ponderosa Pine	18	Good		
RH	27	Ponderosa Pine	20	Good		
RH	28	Ponderosa Pine	32	Good		
RH	29	Black Oak	28	Fair	PoorAttachmts	
RH	30	Ponderosa Pine	16	Good		
RH	31	Black Oak	15	Poor		
RH	32	Incense Cedar	22	Good		
RH	33	Incense Cedar	12	Good		
RH	34	Ponderosa Pine	22	Poor	Twin trunk	
RH	35	Ponderosa Pine	28	Good		
RH	36	Ponderosa Pine	30	Fair		
RH	37	Incense Cedar	12	Poor		
RH	38	Ponderosa Pine	9	Fair		
RH	39	Ponderosa Pine	10	Poor		

APPENDIX 1 Tree Inventory Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
RH	40	Incense Cedar	18	Excellent		
RH	41	Ponderosa Pine	20	Good		
RH	42	Incense Cedar	12	Poor	Dwarf Mistletoe	
RH	43	Ponderosa Pine	15	Fair		
RH	44	Incense Cedar	8	Fair		
RH	45	Ponderosa Pine	27	Excellent		
RH	46	Ponderosa Pine	26	Good		
RH	47	Ponderosa Pine	22	Fair		
RH	48	Ponderosa Pine	20	Fair		
RH	49	***To be inventoried				***To be inventoried
RH	50	Incense Cedar	10	Good		
RH	51	Ponderosa Pine	9	Fair		
RH	52	Black Oak	11	Fair		
RH	53	Ponderosa Pine	18	Good		
RH	54	Black Oak	10	Fair		
RH	55	Ponderosa Pine	9	Good		
RH	56	Black Oak	10	Good		
RH	57	Ponderosa Pine	30	Fair		
RH	58	Black Oak	10	Poor		
RH	59	Black Oak	36	Poor		
RH	60	Ponderosa Pine	34	Poor	Hip Canker	
RH	61	Ponderosa Pine	11	Excellent		
RH	62	Ponderosa Pine	36	Poor	BranchDisease	
RH	63	Ponderosa Pine	14	Good		
RH	64	Ponderosa Pine	11	Good		
RH	65	***To be inventoried				***To be inventoried
RH	66	***To be inventoried				***To be inventoried
RH	67	Incense Cedar	19	Excellent		
RH	68	Ponderosa Pine	9	Excellent		
RH	69	Locust	9	Fair		
RH	70	Black Oak	13	Good		
RH	71	Ponderosa Pine	25	Good		
RH	72	Ponderosa Pine	24	Good		
RH	73	Black Oak	12	Good		
RH	74	Ponderosa Pine	14	Good		
RH	75	Black Oak	10	Fair		
RH	76	Ponderosa Pine	15	Good		
RH	77	Ponderosa Pine	16	Good		
RH	78	Incense Cedar	12	Fair		
RH	79	Ponderosa Pine	28	Good		
RH	80	Black Oak	15	Good		
RH	81	Ponderosa Pine	18	Good		
RH	82	Black Oak	10	Good		
RH	83	Black Oak	9	Good		
RH	84	Black Oak	10	Good		
RH	85	Black Oak	11	Good		
RH	86	Black Oak	14	Poor		
RH	87	Black Oak	15	Good		

APPENDIX 1 Tree Inventory Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
RH	88	Ponderosa Pine	21	Good		
RH	89	Black Oak	9	Good		
RH	90	Ponderosa Pine	18	Good		
RH	91	Incense Cedar	11	Good		
RH	92	Ponderosa Pine	31	Excellent		
RH	93	Black Oak	9	Fair		
RH	94	Sugar Pine	24	Good		
RH	95	Black Oak	12	Good		
RH	96	Black Oak	12	Good		
RH	97	Black Oak	11	Fair		
RH	98	Black Oak	11	Good		
RH	99	Ponderosa Pine	10	Good		
RH	100	Black Oak	9	Fair		
RH	101	Ponderosa Pine	31	Good		
RH	102	Ponderosa Pine	11	VeryPoor	Dead	
RH	103	Ponderosa Pine	11	Poor		
RH	104	Ponderosa Pine	32	Poor		Fork Top
RH	105	Ponderosa Pine	28	Good		
RH	106	Ponderosa Pine	15	Good	Slight fire scar	
RH	107	Ponderosa Pine	26	Good	Slight fire scar	
RH	108	Ponderosa Pine	25	Good		
RH	109	Sugar Pine	18	Fair	Hip Wound	
RH	110	Ponderosa Pine	22	Fair		
RH	111	Ponderosa Pine	18	Good		
RH	112	Ponderosa Pine	15	Good		
RH	113	Ponderosa Pine	16	Good		
RH	114	Ponderosa Pine	22	Good		
RH	115	Incense Cedar	24	Good	Mistletoe	
RH	116	Ponderosa Pine	15	Fair		Pistol Butt
RH	117	Incense Cedar	12	Good	BranchDisease	
RH	118	Black Oak	12	Poor		**
RH	119	Ponderosa Pine	8	Good		**
RH	120	Locust	9	Fair	Other	
RH	121	Locust	10	Fair		
RH	122	Locust	12	Fair		
RH	123	Incense Cedar	8	Excellent		
RH	124	Ponderosa Pine	17	Good		
RH	125	Ponderosa Pine	14	Good		
RH	126	Ponderosa Pine	24	Good		
RH	127	Ponderosa Pine	18	Good		
RH	128	Ponderosa Pine	32	Good		
RH	129	Incense Cedar	30	Good		
RH	130	Ponderosa Pine	32	Good		
RH	131	Madrone	9	Excellent		
RH	132	Black Oak	10	Good		
RH	133	Ponderosa Pine	26	Good		
RH	134	Incense Cedar	29	Excellent		
RH	135	Ponderosa Pine	17	Excellent		

APPENDIX 1 Tree Inventory Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
RH	136	Madrone	14	Excellent		
RH	137	Black Oak	16	Good		
RH	138	Black Oak	17	Good		
RH	139	Ponderosa Pine	10	Good		
NB	140	Cottonwood	12	VeryPoor		
NB	141	Cottonwood	16	Good		
NB	142	Madrone	14	Good		
NB	143	Ponderosa Pine	38	Fair		
NB	144	Madrone	16	Good		
NB	145	Walnut	9	VeryPoor		
NB	146	Incense Cedar	24	Excellent		
NB	147	Black Oak	10	Good		
NB	148	Incense Cedar	20	Good		
NB	149	Incense Cedar	40	Good		
NB	150	Ponderosa Pine	38	Good		
NB	151	Incense Cedar	16	Good		
NB	152	Black Oak	14	Good		
NB	153	Incense Cedar	20	Good		
NB	154	Black Oak	9	Good		
NB	155	Black Oak	18	Good		
NB	156	Incense Cedar	9	Good		
NB	157	Incense Cedar	9	Good		
NB	158	Incense Cedar	24	Good		
NB	159	Walnut	24	VeryPoor		
NB	160	Walnut	30	VeryPoor		
NB	161	Walnut	28	VeryPoor		
NB	162	Black Oak	10	Poor		
NB	163	Walnut	28	VeryPoor		
NB	164	Ponderosa Pine	28	Excellent		
NB	165	Ponderosa Pine	30	Excellent		
NB	166	Ponderosa Pine	18	Good		
NB	167	Walnut	30	VeryPoor		
NB	168	Walnut	28	VeryPoor		
NB	169	Walnut	26	VeryPoor		
NB	170	Black Oak	16	Good		
NB	171	Incense Cedar	11	Good		
NB	172	Black Oak	22	Good		
NB	173	Black Oak	8	Good		
NB	174	Incense Cedar	8	Good		
NB	175	Ponderosa Pine	23	Good		
NB	176	Ponderosa Pine	15	Good		
NB	177	Black Oak	20	Good		
NB	178	Incense Cedar	12	Good		
NB	179	Incense Cedar	15	Good		
NB	180	Madrone	10	Good		
NB	181	Madrone	8	Good		
NB	182	Incense Cedar	28	Excellent		
NB	183	Ponderosa Pine	36	Good		

APPENDIX 1 Tree Inventory Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
NB	184	Ponderosa Pine	21	Fair	Hip sore	
NB	185	Madrone	18	Good		
NB	186	Ponderosa Pine	34	Good		
NB	187	Ponderosa Pine	14	Fair		
NB	188	Madrone	16	Good		
NB	189	Cottonwood	12	Good		
NB	190	Big Leaf Maple	40	Good		Multiple Trunks
NB	191	Incense Cedar	40	Excellent		
NB	192	Ponderosa Pine	20	Good	Hip sore	
NB	193	Ponderosa Pine	23	Fair	Hip sore	
NB	194	Incense Cedar	28	Excellent		
NB	195	Black Oak	9	Fair		
NB	197	Madrone	10	Good		
NB	198	Madrone	12	Good		
NB	199	Madrone	8	Good		
NB	200	Madrone	8	Good		
NB	201	Madrone	12	Good	PoorAttachmts	
NB	202	Madrone	8	Poor		
NB	203	Madrone	12	Poor		Pistol butt
NB	204	Madrone	20	Fair	Hip Canker	
NB	205	Madrone	10	Poor	Cracks	
NB	206	Madrone	13	Good		
NB	207	Madrone	15	Good		
NB	208	Madrone	9	Good		
NB	209	Black Oak	8	Good		
NB	210	Black Oak	9	Good		
NB	211	Black Oak	10	Good		
NB	212	Incense Cedar	40	Excellent		
NB	213	Big Leaf Maple	10	Good		
NB	214	Black Oak	20	Good		
NB	215	Madrone	24	Good		
NB	216	Madrone	8	Poor	Hip sore	
NB	217	Black Oak	9	VeryPoor		
NB	218	Ponderosa Pine	35	Good		
NB	219	Black Oak	14	Excellent		
NB	220	Black Oak	12	Fair		
NB	221	Ponderosa Pine	40	VeryPoor	Hip Canker	
NB	222	Madrone	18	Good		
NB	223	Madrone	36	Good		
NB	224	Black Oak	12	Poor		
NB	225	Ponderosa Pine	30	VeryPoor	Hip Canker	
NB	226	Black Oak	18	Good		
NB	227	Madrone	13	Poor		
NB	228	Ponderosa Pine	40	Excellent		
NB	229	Black Oak	10	Good		
NB	230	Black Oak	12	Good		
NB	231	Ponderosa Pine	40	Excellent		
NB	232	Madrone	8	Excellent		

APPENDIX 1 Tree Inventory Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
NB	233	Ponderosa Pine	14	Excellent		
NB	234	Ponderosa Pine	12	Good		
NB	235	Big Leaf Maple	40	Fair		
NB	236	Incense Cedar	40	Excellent		
NB	237	Black Oak	9	Good		
NB	238	Incense Cedar	35	Good		
NB	239	Black Oak	13	Good		
NB	240	Ponderosa Pine	20	Good		
NB	241	Ponderosa Pine	26	Excellent		
NB	242	Madrone	10	Good		
NB	243	Madrone	13	Good		
NB	244	Incense Cedar	25	Good		
NB	245	Black Oak	16	Good		
NB	246	Ponderosa Pine	20	Fair		
NB	247	Ponderosa Pine	16	VeryPoor		
NB	248	Ponderosa Pine	30	Fair	Trunk wound	
NB	249	Ponderosa Pine	32	Good		Twin Trunks
NB	250	Incense Cedar	38	Excellent		
NB	251	Ponderosa Pine	34	VeryPoor	Hip Canker	
NB	252	Big Leaf Maple	40	Fair		Multiple Trunks
NB	253	Ponderosa Pine	28	VeryPoor	Hip Canker	
NB	254	Ponderosa Pine	36	Good		
NB	255	Ponderosa Pine	30	Good		
NB	256	Incense Cedar	40	Fair		
NB	257	Walnut	30	VeryPoor		
NB	258	Walnut	28	VeryPoor		
NB	259	Walnut	30	VeryPoor		
NB	260	Walnut	28	VeryPoor		
NB	261	Cottonwood	9	Good		
NB	262	Cottonwood	10	Fair	Mistletoe	
NB	263	Cottonwood	16	Fair	Mistletoe	
NB	264	Cottonwood	16	Good		
NB	265	Cottonwood	18	Good		
NB	266	Cottonwood	8	Good		
NB	267	Cottonwood	10	Poor		
NB	268	Cottonwood	14	Fair		
NB	269	Incense Cedar	10	Good		
NB	270	Cottonwood	8	Fair		
NB	271	Cottonwood	14	VeryPoor	Dead	
NB	272	Cottonwood	12	Fair		
NB	273	Cottonwood	12	Poor		
NB	274	Cottonwood	10	Fair		
NB	275	Cottonwood	12	Poor		
NB	276	Cottonwood	9	Poor		
NB	277	Walnut	12	Poor		
NB	278	Willow	24	Fair		
NB	279	Cottonwood	36	Good		
NB	280	Cottonwood	20	Fair	Mistletoe	

APPENDIX 1

Tree Inventory

Idaho Maryland Mining Corporation

Area	Tag	Species	Diameter	Condition	Defects	Notes
NB	281	Ponderosa Pine	14	Poor	Mistletoe	
NB	282	Cottonwood	9	Good		
NB	283	Madrone	8	Good		

APPENDIX 2 Summary of Tree Species per Site Location

Species	New Brunswick	Idaho Maryland	Round Hole	Total
Ponderosa Pine	31	716	70	817
Cottonwood	21	457	1	479
Grey Pine		215	2	217
Madrone	27	74	4	105
Cedar	22	48	19	89
Black Oak	24	16	33	73
Alder		42		42
Walnut	13	1		14
Maple	4	7		11
Locust		4	5	9
Willow	1	7		8
Live Oak		3		3
Cypress		2		2
Sugar Pine			2	2
Douglas Fir		1		1
To be inventoried		9	3	12
Duplicate tag		1		1
other		1		1
Total	143	1604	139	1886

APPENDIX 3

Trees Recommended for Removal

Idaho Maryland Mine Project

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	27	Douglas Fir	8	Poor		
IM	28	Cottonwood	8	Poor		
IM	29	Cottonwood	8	Poor		
IM	30	Cottonwood	8	VeryPoor		
IM	31	Cottonwood	10	VeryPoor		
IM	32	Cottonwood	8	VeryPoor		
IM	33	Cottonwood	8	Poor		
IM	34	Cottonwood	12	Fair		
IM	36	Ponderosa Pine	12	Fair		
IM	37	Ponderosa Pine	12	VeryPoor	Cavities/ Decay	
IM	38	Ponderosa Pine	24	Fair		
IM	39	Ponderosa Pine	26	Fair		
IM	40	Ponderosa Pine	14	Good		
IM	41	Ponderosa Pine	30	Excellent		
IM	42	Ponderosa Pine	24	Good		
IM	43	Ponderosa Pine	22	Fair		
IM	44	Ponderosa Pine	16	Fair		
IM	45	Ponderosa Pine	12	Poor		
IM	46	Ponderosa Pine	28	Good		
IM	47	Ponderosa Pine	22	Good		
IM	48	Ponderosa Pine	30	Good		
IM	49	Cottonwood	10	Fair		
IM	50	Cottonwood	14	VeryPoor		
IM	51	Cottonwood	8	Poor		
IM	52	Ponderosa Pine	26	Excellent		
IM	61	Ponderosa Pine	28	Excellent		
IM	62	Madrone	12	Fair		
IM	63	Maple	14	VeryPoor	Dead	
IM	64	Cottonwood	16	VeryPoor		
IM	65	Cottonwood	20	VeryPoor		
IM	66	Ponderosa Pine	8	Good		
IM	67	Locust	12	VeryPoor		Multiple trunks
IM	68	Cottonwood	10	Poor		
IM	78	Cottonwood	10	Poor		Multiple trunks
IM	79	Cottonwood	8	Poor		Multiple trunks
IM	80	Madrone	14	Good		
IM	81	Ponderosa Pine	26	Fair		
IM	82	Ponderosa Pine	18	Good		
IM	83	Madrone	12	Excellent		
IM	84	Madrone	12	Excellent		
IM	85	Ponderosa Pine	30	Good		
IM	86	Ponderosa Pine	8	Excellent		
IM	87	Ponderosa Pine	12	Good		
IM	88	Ponderosa Pine	10	Good		

APPENDIX 3

Trees Recommended for Removal

Idaho Maryland Mine Project

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	89	Ponderosa Pine	10	Good		
IM	90	Ponderosa Pine	8	Fair		
IM	91	Ponderosa Pine	8	Good		
IM	92	Ponderosa Pine	10	Fair		
IM	93	Ponderosa Pine	14	Fair		
IM	94	Ponderosa Pine	16	Poor		
IM	95	Ponderosa Pine	12	Good		
IM	96	Ponderosa Pine	14	Fair		
IM	97	Ponderosa Pine	12	Good		
IM	98	Ponderosa Pine	18	Good		
IM	99	Ponderosa Pine	10	Fair		
IM	100	Ponderosa Pine	12	Fair		
IM	101	Ponderosa Pine	14	Good		
IM	102	Ponderosa Pine	10	Fair		
IM	103	Ponderosa Pine	12	Good		
IM	104	Ponderosa Pine	16	Fair	Branch Disease	
IM	105	Ponderosa Pine	12	Good		
IM	106	Cottonwood	8	Poor		
IM	107	Cottonwood	10	Poor		
IM	156	Cottonwood	18	Fair		
IM	157	Cottonwood	32	Excellent		
IM	158	Cottonwood	10	Fair		
IM	159	Cottonwood	34	Fair		
IM	160	Ponderosa Pine	10	Good		
IM	161	Ponderosa Pine	8	Good		
IM	162	Grey Pine	8	Good		
IM	163	Ponderosa Pine	8	Good		
IM	164	Grey Pine	12	Good		
IM	165	Grey Pine	8	Poor	Branch Disease	
IM	166	Grey Pine	8	Good		
IM	167	Grey Pine	12	Poor	Branch Disease	
IM	168	Ponderosa Pine	10	Excellent		
IM	169	Grey Pine	8	Poor		
IM	170	Grey Pine	10	Good		
IM	171	Grey Pine	8	Excellent		
IM	172	Grey Pine	26	Good		
IM	173	Grey Pine	32	Poor		
IM	174	Grey Pine	20	Good		
IM	175	Grey Pine	26	Poor		
IM	176	Ponderosa Pine	32	Fair		40 ft fork top
IM	177	Grey Pine	10	Good		
IM	178	Grey Pine	18	Good		

APPENDIX 3

Trees Recommended for Removal

Idaho Maryland Mine Project

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	179	Incense Cedar	18	Good		
IM	180	Grey Pine	28	Poor		
IM	181	Grey Pine	36	VeryPoor		
IM	182	Grey Pine	12	Fair		
IM	183	Grey Pine	24	Fair		
IM	184	Grey Pine	24	Fair		
IM	186	Grey Pine	10	Good		
IM	187	Grey Pine	8	Good		
IM	188	Ponderosa Pine	10	Good		
IM	189	Ponderosa Pine	34	Good		
IM	190	Ponderosa Pine	8	Good		
IM	191	Ponderosa Pine	34	Excellent		
IM	192	Grey Pine	8	Good		
IM	193	Ponderosa Pine	10	Excellent		
IM	196	Incense Cedar	14	Excellent		
IM	206	Ponderosa Pine	10	Good		
IM	207	Ponderosa Pine	34	Excellent		
IM	208	Ponderosa Pine	34	Excellent		
IM	209	Ponderosa Pine	36	Excellent		
IM	210	Ponderosa Pine	36	Excellent		
IM	211	Grey Pine	36	Good		
IM	401	Ponderosa Pine	28	Poor		
IM	404	Ponderosa Pine	14	Good		
IM	405	Ponderosa Pine	10	Excellent		
IM	406	Ponderosa Pine	12	Good		
IM	407	Ponderosa Pine	8	Good		
IM	408	Ponderosa Pine	10	Good		
IM	411	Cottonwood	28	Poor		
IM	412	Grey Pine	16	Good		
IM	413	Grey Pine	36	Excellent		
IM	414	Ponderosa Pine	12	Good		
IM	868	Cottonwood	8	Poor		
IM	869	Cottonwood	8	Fair		
IM	870	Cottonwood	8	Poor		
IM	871	Ponderosa Pine	20	Good		
IM	872	Ponderosa Pine	10	Good		
IM	873	Ponderosa Pine	16	Excellent		
IM	874	Ponderosa Pine	12	Good		
IM	875	Ponderosa Pine	8	Good		
IM	876	Grey Pine	10	Poor	Branch Disease	
IM	877	Ponderosa Pine	10	Good		
IM	878	Ponderosa Pine	10	Good		
IM	879	Ponderosa Pine	8	Excellent		
IM	880	Black Oak	32	Good		

APPENDIX 3

Trees Recommended for Removal

Idaho Maryland Mine Project

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	881	Ponderosa Pine	8	Poor		
IM	882	Black Oak	12	Good		
IM	883	Madrone	20	Poor	Trunk wound	Leaning
IM	884	Ponderosa Pine	10	Fair		
IM	885	Ponderosa Pine	10	Poor		
IM	886	Ponderosa Pine	14	Good		
IM	887	Black Oak	8	Good		
IM	888	Ponderosa Pine	12	Good		
IM	889	Ponderosa Pine	18	Fair	Branch Disease	
IM	890	Ponderosa Pine	8	Good		
IM	891	Ponderosa Pine	10	Good		
IM	892	Ponderosa Pine	14	Good		
IM	893	Ponderosa Pine	14	Good		
IM	894	Ponderosa Pine	14	Good		
IM	895	Ponderosa Pine	14	Good		
IM	896	Ponderosa Pine	12	Good		
IM	897	Ponderosa Pine	14	Poor	Trunk wound	
IM	898	Ponderosa Pine	12	Fair		
IM	899	Ponderosa Pine	10	Fair		
IM	900	Ponderosa Pine	14	Good		
IM	901	Ponderosa Pine	12	Good		
IM	902	Ponderosa Pine	10	Good		
IM	903	Ponderosa Pine	16	Good		
IM	904	Ponderosa Pine	12	Fair		
IM	905	Ponderosa Pine	10	Fair	Branch Disease	
IM	906	Ponderosa Pine	14	Good		
IM	907	Ponderosa Pine	14	Good		
IM	908	Ponderosa Pine	12	Good		
IM	909	Ponderosa Pine	12	Fair		
IM	910	Cottonwood	10	VeryPoor		
IM	911	Cottonwood	12	Fair		
IM	912	Cottonwood	10	VeryPoor		
IM	913	Cottonwood	10	VeryPoor		
IM	914	Ponderosa Pine	16	Fair	Branch Disease	
IM	915	Ponderosa Pine	12	Good		
IM	916	Ponderosa Pine	16	Good		
IM	917	Cottonwood	10	Poor		
IM	918	Cottonwood	12	Poor		
IM	919	Ponderosa Pine	10	Fair		
IM	920	Ponderosa Pine	18	Fair		
IM	921	Ponderosa Pine	12	Good		
IM	922	Ponderosa Pine	12	Fair		

APPENDIX 3

Trees Recommended for Removal

Idaho Maryland Mine Project

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	923	Cottonwood	28	Fair		
IM	924	Ponderosa Pine	10	Fair		
IM	925	Cottonwood	20	Poor		
IM	926	Cottonwood	10	Poor		
IM	927	Ponderosa Pine	12	Good		
IM	928	Ponderosa Pine	12	Fair		
IM	929	Grey Pine	18	Good		
IM	930	Madrone	8	Excellent		
IM	931	Cottonwood	16	VeryPoor		
IM	933	Ponderosa Pine	24	Good		
IM	934	Ponderosa Pine	14	Good		
IM	935	Ponderosa Pine	28	Poor	Trunk wound	
IM	936	Ponderosa Pine	16	Poor		
IM	937	Ponderosa Pine	20	Fair	Branch Disease	
IM	938	Ponderosa Pine	14	Fair	Branch Disease	
IM	939	Ponderosa Pine	10	Good		
IM	940	Ponderosa Pine	26	Good		
IM	941	Ponderosa Pine	22	Good		
IM	942	Ponderosa Pine	26	Good		
IM	943	Ponderosa Pine	24	Good		
IM	945	Ponderosa Pine	12	Good		
IM	946	Madrone	10	Excellent		
IM	947	Cottonwood	8	Fair		
IM	948	Ponderosa Pine	14	Good		
IM	949	Ponderosa Pine	8	Good		
IM	950	Madrone	8	Excellent		
IM	951	Ponderosa Pine	18	Good		
IM	952	Madrone	8	Excellent		
IM	953	Cottonwood	10	Fair		
IM	954	Cottonwood	20	Fair		
IM	955	Cottonwood	10	Poor		
IM	956	Cottonwood	10	VeryPoor		
IM	957	Cottonwood	10	Fair		
IM	958	Cottonwood	22	Good		
IM	961	Cottonwood	10	Poor		
IM	962	Ponderosa Pine	12	Good		
IM	963	Ponderosa Pine	10	Excellent		
IM	964	Cottonwood	32	VeryPoor		
IM	965	Cottonwood	20	Fair		
IM	966	Cottonwood	30	Fair		
IM	967	Cottonwood	18	Poor		
IM	969	Cottonwood	12	Fair		
IM	970	Cottonwood	20	Good		

APPENDIX 3

Trees Recommended for Removal

Idaho Maryland Mine Project

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	971	Cottonwood	12	Good		
IM	972	Cottonwood	8	Fair		
IM	973	Cottonwood	10	Fair		
IM	974	Cottonwood	10	Poor		
IM	975	Cottonwood	12	Fair		
IM	976	Cottonwood	8	Poor		
IM	978	Cottonwood	14	VeryPoor		
IM	980	Ponderosa Pine	18	Good		
IM	981	Madrone	12	Good		
IM	982	Cottonwood	12	VeryPoor		
IM	983	Cottonwood	16	Fair		
IM	984	Ponderosa Pine	20	Fair		
IM	985	Ponderosa Pine	18	Good		
IM	986	Cottonwood	12	Fair		
IM	987	Ponderosa Pine	24	Good		
IM	988	Madrone	10	Good		
IM	989	Cottonwood	10	Poor		
IM	990	Cottonwood	12	Poor		
IM	991	Cottonwood	8	Fair		
IM	992	Cottonwood	12	Poor		
IM	993	Cottonwood	16	Poor		
IM	994	Madrone	10	Excellent		
IM	995	Ponderosa Pine	14	Good		
IM	996	Madrone	8	Excellent		
IM	997	Cottonwood	14	Poor		
IM	998	Madrone	8	Good		
IM	999	Ponderosa Pine	12	Poor		
IM	1000	Madrone	10	Excellent		
IM	1001	Ponderosa Pine	14	Fair	Branch Disease	
IM	1002	Madrone	8	Excellent		
IM	1003	Ponderosa Pine	26	Fair		
IM	1004	Madrone	8	Fair		
IM	1005	Cottonwood	10	Poor		
IM	1006	Cottonwood	12	Poor		
IM	1008	Cottonwood	8	Poor		Turn-up off uproot
IM	1009	Ponderosa Pine	24	Fair	Branch Disease	
IM	1010	Ponderosa Pine	24	Good		
IM	1011	Ponderosa Pine	14	Fair	Branch Disease	
IM	1012	Ponderosa Pine	40	Fair	Branch Disease	
IM	1013	Cottonwood	8	Poor		Turn-up off uproot
IM	1014	Cottonwood	18	Poor		

APPENDIX 3

Trees Recommended for Removal

Idaho Maryland Mine Project

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	1015	Cottonwood	10	Poor		
IM	1016	Cottonwood	10	Poor		
IM	1017	Cottonwood	12	Poor		
IM	1018	Cottonwood	20	Fair		
IM	1019	Madrone	8	Excellent		
IM	1020	Madrone	10	Excellent		
IM	1021	Ponderosa Pine	12	Good		
IM	1022	Ponderosa Pine	16	Good		
IM	1023	Ponderosa Pine	14	Good		
IM	1024	Madrone	10	Good		
IM	1025	Cottonwood	8	VeryPoor		
IM	1026	Cottonwood	18	VeryPoor		
IM	1027	Cottonwood	10	VeryPoor		
IM	1028	Ponderosa Pine	8	Good		
IM	1029	Incense Cedar	12	Excellent		
IM	1030	Cottonwood	18	Poor		
IM	1031	Ponderosa Pine	8	Fair		
IM	1032	Cottonwood	10	Poor		
IM	1033	Ponderosa Pine	26	Good		
IM	1034	Ponderosa Pine	24	Good		
IM	1035	Ponderosa Pine	20	Good		
IM	1036	Ponderosa Pine	24	Fair	Branch Disease	
IM	1037	Ponderosa Pine	18	Fair	Branch Disease	
IM	1038	Ponderosa Pine	28	Fair	Branch Disease	
IM	1039	Grey Pine	14	Fair		
IM	1040	Ponderosa Pine	36	Good		
IM	1045	Cottonwood	8	VeryPoor		
IM	1046	Cottonwood	12	Poor		
IM	1047	Cottonwood	10	VeryPoor		
IM	1048	Grey Pine	24	Good		
IM	1049	Cottonwood	12	VeryPoor		
IM	1050	Cottonwood	8	Poor		
IM	1051	Ponderosa Pine	10	Good		
IM	1052	Ponderosa Pine	10	Good		
IM	1053	Ponderosa Pine	20	Good		
IM	1054	Ponderosa Pine	14	Good		
IM	1055	Cottonwood	14	Fair		
IM	1056	Cottonwood	14	Fair		
IM	1057	Madrone	8	Excellent		
IM	1058	Grey Pine	18	Poor		
IM	1059	Ponderosa Pine	8	Fair		
IM	1060	Grey Pine	22	VeryPoor		

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Trees Recommended for Removal

Idaho Maryland Mine Project

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	1061	Grey Pine	10	Good		
IM	1062	Grey Pine	10	Good		
IM	1063	Cottonwood	20	Poor		
IM	1064	Grey Pine	10	Fair		
IM	1065	Cottonwood	10	Poor		
IM	1066	Ponderosa Pine	12	Good		
IM	1067	Cottonwood	10	Poor		
IM	1068	Cottonwood	16	Fair		
IM	1069	Ponderosa Pine	20	Good		
IM	1070	Grey Pine	16	Good		
IM	1071	Ponderosa Pine	30	Fair	Branch Disease	
IM	1073	Ponderosa Pine	10	Excellent		
IM	1074	Grey Pine	10	Excellent		
IM	1075	Ponderosa Pine	16	Poor	Branch Disease	
IM	1076	Ponderosa Pine	20	Good		
IM	1077	Grey Pine	20	Fair		
IM	1078	Black Oak	10	Good	Twin trunk	
IM	1079	Cottonwood	12	Poor		
IM	1080	Cottonwood	14	Poor		
IM	1081	Cottonwood	16	Poor		
IM	1082	Ponderosa Pine	8	Poor		
IM	1083	Ponderosa Pine	10	Poor	Trunk wound	
IM	1084	Ponderosa Pine	8	Good		
IM	1085	Cottonwood	32	Poor		
IM	1086	Incense Cedar	16	Good		
IM	1087	Ponderosa Pine	10	Fair		
IM	1088	Cottonwood	16	Fair		
IM	1089	Madrone	10	Good		
IM	1090	Madrone	8	Fair		
IM	1091	Ponderosa Pine	16	Good		
IM	1092	Ponderosa Pine	10	Good		
IM	1093	Ponderosa Pine	16	Good		
IM	1094	Ponderosa Pine	10	Good		
IM	1095	Ponderosa Pine	14	Good		
IM	1096	Ponderosa Pine	8	Good		
IM	1097	Cottonwood	10	Poor	Twin trunk	
IM	1098	Ponderosa Pine	14	Good		
IM	1099	Cottonwood	8	Poor		
IM	1100	Willow	10	Fair		
IM	1101	Grey Pine	10	Excellent		
IM	1102	Grey Pine	16	Good		
IM	1103	Grey Pine	8	Good		
IM	1104	Incense Cedar	10	Excellent		

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Trees Recommended for Removal

Idaho Maryland Mine Project

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	1105	Ponderosa Pine	12	Good		
IM	1106	Ponderosa Pine	10	Fair		
IM	1107	Ponderosa Pine	10	Fair	Twin trunk	
IM	1108	Ponderosa Pine	18	Good		
IM	1109	Cottonwood	12	Poor		
IM	1110	Grey Pine	14	Good		
IM	1111	Cottonwood	14	Fair		
IM	1112	Grey Pine	14	Fair		
IM	1113	Ponderosa Pine	16	Good		
IM	1114	Ponderosa Pine	24	Good		
IM	1115	Ponderosa Pine	18	Good		
IM	1116	Ponderosa Pine	12	Good		
IM	1117	Ponderosa Pine	14	Good		
IM	1118	Cottonwood	28	Good		
IM	1119	Ponderosa Pine	10	Good		
IM	1120	Ponderosa Pine	10	Fair		
IM	1121	Ponderosa Pine	10	Good		
IM	1122	Ponderosa Pine	10	Good		
IM	1123	Grey Pine	24	Poor		
IM	1124	Ponderosa Pine	26	Good		
IM	1125	Ponderosa Pine	28	Good		
IM	1126	Ponderosa Pine	20	Fair		
IM	1127	Ponderosa Pine	20	Good		
IM	1128	Ponderosa Pine	24	Excellent		
IM	1129	Ponderosa Pine	16	Good		
IM	1130	Ponderosa Pine	20	Good		
IM	1131	Ponderosa Pine	20	Fair		
IM	1132	Ponderosa Pine	34	VeryPoor		Multiple trunks
IM	1133	Ponderosa Pine	16	Good		
IM	1134	Ponderosa Pine	16	Good		
IM	1135	Ponderosa Pine	8	Excellent		
IM	1136	Ponderosa Pine	20	Good		
IM	1137	Ponderosa Pine	10	Good		
IM	1138	Ponderosa Pine	24	Good		
IM	1139	Ponderosa Pine	14	Good		
IM	1140	Ponderosa Pine	18	Good		
IM	1141	Ponderosa Pine	14	Good		
IM	1142	Grey Pine	12	Good		
IM	1143	Ponderosa Pine	8	Good		
IM	1144	Ponderosa Pine	14	Good		
IM	1145	Ponderosa Pine	12	Good		
IM	1146	Ponderosa Pine	10	Good		
IM	1147	Ponderosa Pine	14	Good		
IM	1148	Ponderosa Pine	8	Good		
IM	1149	Cottonwood	10	Poor		

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Trees Recommended for Removal

Idaho Maryland Mine Project

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	1159	Cottonwood	8	Poor		
IM	1151	Cottonwood	12	Poor		
IM	1152	Cottonwood	8	Poor		
IM	1153	Cottonwood	14	Fair		
IM	1154	Cottonwood	12	Fair		
IM	1155	Cottonwood	8	Poor		
IM	1156	Cottonwood	12	Poor		
IM	1157	Cottonwood	8	Fair		
IM	1158	Cottonwood	12	Poor		
IM	1159	Cottonwood	14	Poor		
IM	1160	Grey Pine	18	Good		
IM	1161	Cottonwood	12	Fair		
IM	1162	Grey Pine	10	Poor	Branch Disease	
IM	1163	Incense Cedar	10	Excellent		
IM	1164	Ponderosa Pine	8	Fair		
IM	1165	Ponderosa Pine	14	Good		
IM	1166	Cottonwood	8	Poor		
IM	1167	Cottonwood	14	Poor		
IM	1168	Ponderosa Pine	10	Good		
IM	1169	Ponderosa Pine	14	Excellent		
IM	1170	Ponderosa Pine	14	Good		
IM	1171	Grey Pine	12	Good		
IM	1176	Grey Pine	12	Good		
IM	1177	Grey Pine	8	Good		
IM	1178	Ponderosa Pine	12	Good		
IM	1179	Ponderosa Pine	10	Good		
IM	1180	Cottonwood	14	Fair		
IM	1181	Cottonwood	14	Poor		
IM	1182	Cottonwood	16	Good		
IM	1183	Cottonwood	18	Good		
IM	1184	Cottonwood	14	Fair		
IM	1185	Cottonwood	10	Fair		
IM	1186	Cottonwood	14	Fair		
IM	1187	Cottonwood	16	Fair		
IM	1188	Cottonwood	12	Fair		
IM	1189	Cottonwood	12	Fair		
IM	1190	Cottonwood	8	Good		
IM	1191	Cottonwood	10	Poor		
IM	1192	Cottonwood	10	VeryPoor		
IM	1194	Cottonwood	8	VeryPoor		
IM	1197	Grey Pine	18	Poor	Trunk wound	
IM	1235	Cottonwood	14	Good		
IM	1236	Cottonwood	12	Poor		
IM	1237	Cottonwood	8	Fair		

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Trees Recommended for Removal

Idaho Maryland Mine Project

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	1238	Cottonwood	8	Fair		
IM	1239	Cottonwood	14	Good	Twin Trunk	
IM	1240	Cottonwood	8	Poor		
IM	1241	Cottonwood	12	Fair		
IM	1242	Cottonwood	10	Poor		
IM	1243	Cottonwood	14	Fair		
IM	1244	Cottonwood	14	Poor		
IM	1245	Ponderosa Pine	12	Good		
IM	1246	Madrone	8	Excellent		
IM	1247	Cottonwood	10	Fair		
IM	1248	Ponderosa Pine	10	Good		
IM	1249	Ponderosa Pine	14	Good		
IM	1250	Ponderosa Pine	22	Good		
IM	1251	Cottonwood	12	VeryPoor		
IM	1252	Cottonwood	16	Good		
IM	1253	Cottonwood	12	Poor		
IM	1254	Cottonwood	12	Poor		
IM	1255	Ponderosa Pine	14	Fair	Branch Disease	
IM	1265	Ponderosa Pine	14	Good		
IM	1266	Incense Cedar	10	Good		
IM	1267	Ponderosa Pine	12	Good		
IM	1268	Ponderosa Pine	12	Good		
IM	1269	Ponderosa Pine	10	Fair		
IM	1270	Ponderosa Pine	12	Good		
IM	1271	Cottonwood	16	Good		
IM	1272	Cottonwood	14	Good		
IM	1273	Madrone	10	Good		
IM	1274	Ponderosa Pine	8	Fair		
IM	1275	Ponderosa Pine	10	Good		
IM	1277	Ponderosa Pine	10	Good		
IM	1278	Incense Cedar	12	Good		
IM	1279	Ponderosa Pine	10	Good		
IM	1280	Ponderosa Pine	12	Good		
IM	1281	Ponderosa Pine	10	Good		
IM	1282	Ponderosa Pine	10	Good		
IM	1283	Cottonwood	14	Good		
IM	1284	Cottonwood	12	Good		
IM	1285	Ponderosa Pine	10	Good		
IM	1286	Ponderosa Pine	10	Good		
IM	1287	Ponderosa Pine	12	Good		
IM	1288	Ponderosa Pine	18	Good		
IM	1289	Ponderosa Pine	12	Good		
IM	1290	Ponderosa Pine	10	Fair	Branch Disease	

APPENDIX 3

Trees Recommended for Removal

Idaho Maryland Mine Project

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	1291	Ponderosa Pine	12	Good		
IM	1292	Ponderosa Pine	16	Good		
IM	1293	Ponderosa Pine	10	Good		
IM	1294	Cottonwood	10	Poor		
IM	1295	Ponderosa Pine	12	Good		
IM	1296	Ponderosa Pine	12	Good		
IM	1297	Ponderosa Pine	22	Good		
IM	1298	Cottonwood	10	Poor		
IM	1299	Cottonwood	10	VeryPoor		
IM	1300	Ponderosa Pine	8	Poor		
IM	1301	Ponderosa Pine	12	Fair		
IM	1302	Ponderosa Pine	14	Good		
IM	1303	Cottonwood	14	Poor		
IM	1305	Ponderosa Pine	14	Good		
IM	1306	Cottonwood	12	Poor		
IM	1307	Cottonwood	10	Poor		
IM	1308	Cottonwood	10	Poor		
IM	1311	Cottonwood	8	Fair		
IM	1312	Cottonwood	10	Fair		
IM	1315	Incense Cedar	8	Excellent		
IM	1316	Cottonwood	8	Poor		
IM	1317	Cottonwood	12	Poor		
IM	1318	Cottonwood	8	Poor		
IM	1321	Madrone	14	Good		
IM	1322	Ponderosa Pine	8	Good		
IM	1323	Ponderosa Pine	28	Good		
IM	1324	Incense Cedar	10	Good		
IM	1325	Incense Cedar	10	Good		
IM	1326	Cottonwood	8	VeryPoor		
IM	1327	Cottonwood	8	Poor		
IM	1329	Ponderosa Pine	10	Fair		
IM	1330	Ponderosa Pine	8	Fair		
IM	1331	Cottonwood	10	Poor		
IM	1332	Cottonwood	8	Poor		
IM	1333	Cottonwood	10	Poor		
IM	1334	Cottonwood	8	Poor		
IM	1335	Cottonwood	20	Poor		
IM	1336	Cottonwood	10	Poor		
IM	1337	Cottonwood	8	Poor		
IM	1338	Cottonwood	30	Good		
IM	1339	Ponderosa Pine	8	Poor		
IM	1342	Ponderosa Pine	12	Good		
IM	1345	Cottonwood	12	Fair		
IM	1346	Cottonwood	12	Poor		
IM	1347	Cottonwood	12	Fair		

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Trees Recommended for Removal

Idaho Maryland Mine Project

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	1348	Cottonwood	10	Poor		
IM	1349	Cottonwood	8	VeryPoor		
IM	1350	Cottonwood	10	VeryPoor	Mistletoe	
IM	1351	Cottonwood	8	Fair		
IM	1352	Cottonwood	8	Fair		
IM	1353	Cottonwood	10	Fair		
IM	1354	Cottonwood	10	VeryPoor		
IM	1355	Cottonwood	10	Poor		
IM	1356	Cottonwood	10	Poor		
IM	1357	Cottonwood	10	Fair		
IM	1358	Cottonwood	10	Good		
IM	1359	Cottonwood	8	VeryPoor		
IM	1360	Cottonwood	20	Good		
IM	1361	Cottonwood	8	Fair		
IM	1362	Cottonwood	8	Poor		
IM	1363	Cottonwood	8	Poor		
IM	1364	Cottonwood	8	Poor		
IM	1365	Cottonwood	14	Poor		
IM	1366	Cottonwood	10	Fair		
IM	1367	Cottonwood	12	Good		
IM	1368	Cottonwood	8	VeryPoor		
IM	1369	Cottonwood	8	VeryPoor		
IM	1370	Cottonwood	10	Poor		
IM	1371	Cottonwood	8	VeryPoor		
IM	1372	Cottonwood	12	Good		
IM	1373	Ponderosa Pine	18	Fair	Branch Disease, Blistering	
IM	1374	Ponderosa Pine	10	Good		
IM	1375	Ponderosa Pine	14	Good		
IM	1376	Ponderosa Pine	14	Good		
IM	1377	Ponderosa Pine	16	Excellent		
IM	1378	Ponderosa Pine	18	Excellent		
IM	1379	Ponderosa Pine	12	Excellent		
IM	1380	Ponderosa Pine	10	Good		
IM	1381	Ponderosa Pine	14	Good		
IM	1382	Ponderosa Pine	12	Good		
IM	1383	Ponderosa Pine	16	Excellent		
IM	1386	Ponderosa Pine	12	Good		
IM	1389	Ponderosa Pine	10	Good		
IM	1390	Cottonwood	10	Fair		
IM	1391	Ponderosa Pine	10	Good		
IM	1392	Ponderosa Pine	16	Good		
IM	1393	Cottonwood	10	Poor		
IM	1394	Cottonwood	10	Good		

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Trees Recommended for Removal

Idaho Maryland Mine Project

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	1395	Cottonwood	10	Fair		
IM	1396	Ponderosa Pine	10	Good		
IM	1397	Cottonwood	8	Fair		
IM	1398	Cottonwood	10	Poor		
IM	1399	Ponderosa Pine	8	Good		
IM	1400	Ponderosa Pine	12	Good		
IM	1401	Ponderosa Pine	12	Good		
IM	1406	Cottonwood	10	Fair		
IM	1407	Cottonwood	10	Good		
IM	1408	Cottonwood	8	Fair		
IM	1409	Cottonwood	18	Poor		
IM	1413	Cottonwood	10	Poor		
IM	1414	Cottonwood	12	Fair		
IM	1415	Cottonwood	10	Good		
IM	1416	Cottonwood	10	Poor		
IM	1417	Cottonwood	12	Good		
IM	1425	Cottonwood	14	Good		
IM	1426	Cottonwood	8	Fair		
IM	1427	Ponderosa Pine	14	Good		
IM	1428	Ponderosa Pine	8	Good		
IM	1429	Cottonwood	8	Good		
IM	1430	Cottonwood	10	Fair		
IM	1431	Cottonwood	10	Good		
IM	1432	Ponderosa Pine	8	Good		
IM	1433	Cottonwood	12	Good		
IM	1434	Cottonwood	12	Good		
IM	1435	Cottonwood	18	Good		
IM	1436	Cottonwood	14	Good		
IM	1437	Cottonwood	12	Good		
IM	1438	Cottonwood	16	Good		
IM	1439	Cottonwood	14	Good		
IM	1440	Cottonwood	8	Good		
IM	1441	Ponderosa Pine	8	Good		
IM	1442	Ponderosa Pine	10	Good		
IM	1443	Ponderosa Pine	12	Good		
IM	1444	Ponderosa Pine	10	Good		
IM	1445	Cottonwood	10	Fair		
IM	1447	Cottonwood	20	Poor		
IM	1448	Cottonwood	10	VeryPoor		
IM	1449	Cottonwood	12	Poor		
IM	1450	Cottonwood	10	Poor		
IM	1451	Cottonwood	8	Poor		
IM	1452	Ponderosa Pine	10	Excellent		
IM	1453	Ponderosa Pine	8	Good		
IM	1454	Ponderosa Pine	10	Good		

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Trees Recommended for Removal

Idaho Maryland Mine Project

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	1455	Ponderosa Pine	18	Excellent		
IM	1456	Ponderosa Pine	12	Good		
IM	1457	Ponderosa Pine	16	Good		
IM	1458	Cottonwood	8	VeryPoor		
IM	1459	Ponderosa Pine	32	Good		
IM	1460	Cottonwood	8	VeryPoor		
IM	1461	Madrone	8	Good		
IM	1462	Ponderosa Pine	18	Good		
IM	1463	Black Oak	8	Poor		
IM	1464	Black Oak	14	Good		Multiple trunks
IM	1465	Ponderosa Pine	12	Good		
IM	1466	Incense Cedar	20	Good		
IM	1467	Ponderosa Pine	28	VeryPoor	Hip Canker	
IM	1468	Ponderosa Pine	12	Good		
IM	1470	Ponderosa Pine	28	Good		
IM	1472	Ponderosa Pine	22	Good		
IM	1473	Cottonwood	8	Poor		
IM	1474	Ponderosa Pine	8	Excellent		
IM	1475	Ponderosa Pine	10	Excellent		
IM	1476	Cottonwood	8	Poor		
IM	1477	Ponderosa Pine	10	Excellent		
IM	1478	Cottonwood	10	Fair		
IM	1479	Ponderosa Pine	8	Excellent		
IM	1480	Cottonwood	10	Poor		
IM	1481	Cottonwood	12	VeryPoor		
IM	1482	Cottonwood	14	Fair		
IM	1483	Cottonwood	12	Poor		
IM	1484	Cottonwood	16	Poor		
IM	1485	Cottonwood	10	Poor		
IM	1486	Cottonwood	12	Fair		
IM	1487	Ponderosa Pine	8	Excellent		
IM	2001	Cottonwood	40	Poor		
IM	2002	Cottonwood	18	VeryPoor		
IM	2003	Cottonwood	24	Poor		
IM	2004	Cottonwood	24	Poor		
IM	2005	Cottonwood	36	VeryPoor		
IM	2006	Ponderosa Pine	26	Good		
IM	2007	Ponderosa Pine	18	Good		
IM	2008	Cottonwood	12	Poor		
IM	2009	Grey Pine	14	Good		
IM	2010	Grey Pine	16	Good		
IM	2011	Grey Pine	12	Good		
IM	2012	Grey Pine	34	Fair		
IM	2013	Ponderosa Pine	26	Poor		
IM	2014	Grey Pine	16	Excellent		

APPENDIX 3

Trees Recommended for Removal

Idaho Maryland Mine Project

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	2015	Grey Pine	12	Good		
IM	2016	Black Oak	34	Fair	Cavities/Decay	
IM	2017	***To be inventoried				***To be inventoried
IM	2018	Ponderosa Pine	8	Excellent		
IM	2076	Grey Pine	10	VeryPoor		
IM	2077	Grey Pine	14	VeryPoor		
IM	2078	Grey Pine	18	Poor	Dwarf Mistletoe	
IM	2079	Ponderosa Pine	18	Good		
IM	2080	Ponderosa Pine	18	Good		
IM	2081	Ponderosa Pine	20	Good		
IM	2082	Ponderosa Pine	10	Fair		
IM	2089	Ponderosa Pine	22	Good		
IM	2090	Ponderosa Pine	26	Good		
IM	2091	Ponderosa Pine	20	Fair		
IM	2092	Ponderosa Pine	24	Good		
IM	2093	Grey Pine	22	VeryPoor		
IM	2094	Grey Pine	10	Fair		
IM	2130	Ponderosa Pine	32	VeryPoor	Dwarf Mistletoe	
IM	2131	Ponderosa Pine	24	Good		
IM	2132	Ponderosa Pine	26	Good		
IM	2133	Ponderosa Pine	28	Poor	Trunk wound	
IM	2144	Ponderosa Pine	8	Good		
IM	2145	Grey Pine	10	Good		
IM	2147	Ponderosa Pine	10	Fair	Branch Disease	
IM	2148	Ponderosa Pine	10	Fair	Branch Disease	
IM	2157	Grey Pine	32	VeryPoor		
IM	2176	Grey Pine	16	Fair		
IM	2177	Grey Pine	12	Excellent		
IM	2178	Ponderosa Pine	40	Poor	Branch Disease	
IM	2179	Ponderosa Pine	12	Excellent		
IM	2193	Ponderosa Pine	26	Good		
IM	2194	Ponderosa Pine	16	Good		
IM	2195	Incense Cedar	22	Good		
IM	2196	Ponderosa Pine	24	Fair		
IM	2197	Black Oak	34	Good		
IM	2198	Incense Cedar	20	Poor	Branch Disease, Incense Cedar rust	

APPENDIX 3

Trees Recommended for Removal

Idaho Maryland Mine Project

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	2204	Ponderosa Pine	20	Good	Trunk wound	
IM	2206	Ponderosa Pine	34	Good		
IM	2209	Ponderosa Pine	12	Good		
IM	2210	Ponderosa Pine	12	Fair		
IM	2211	Cottonwood	28	Poor		
IM	2212	Ponderosa Pine	12	Fair		
IM	2213	Cottonwood	12	Fair		
IM	2214	Cottonwood	14	Poor		
IM	2215	Ponderosa Pine	14	Good		
IM	2216	Cottonwood	10	Poor		
IM	2217	Cottonwood	20	Poor		
IM	2218	Cottonwood	16	Poor		
IM	2219	Cottonwood	16	Poor		
IM	2220	Cottonwood	20	Fair		
IM	2221	Cottonwood	22	Poor		
IM	2222	Cottonwood	12	Poor		
IM	2223	Cottonwood	32	VeryPoor		
IM	2224	Cottonwood	10	Poor		
IM	2225	Cottonwood	14	Poor		
IM	2226	Cottonwood	24	Poor	Twin trunk	
IM	2227	Cottonwood	10	Poor		
IM	2228	Cottonwood	26	Fair		
IM	2229	Ponderosa Pine	14	Good		
IM	2230	Grey Pine	34	Good		
IM	2231	Ponderosa Pine	10	Excellent		
IM	2232	Incense Cedar	12	Good		
IM	2233	***To be inventoried				***To be inventoried
IM	2234	Cottonwood	8	VeryPoor		
IM	2235	Grey Pine	10	Good		
IM	2236	Cottonwood	12	Fair		
IM	2237	Cottonwood	8	Poor		
IM	2238	Cottonwood	8	VeryPoor		
IM	2239	Ponderosa Pine	40	Fair		
IM	2240	Cottonwood	10	VeryPoor		
IM	2241	Ponderosa Pine	8	Good		
IM	2242	Grey Pine	34	Good		
IM	2243	Cottonwood	32	VeryPoor	Twin trunk	
IM	2244	Incense Cedar	38	Good		
IM	2245	Ponderosa Pine	16	VeryPoor		
IM	2246	Ponderosa Pine	36	Fair	Bark Beetles	
IM	2247	Ponderosa Pine	32	VeryPoor		
IM	2248	Grey Pine	30	Fair		
IM	2249	Grey Pine	10	Good		
IM	2250	Grey Pine	8	VeryPoor	Dead or dying	
IM	2251	Grey Pine	8	VeryPoor	Dead or dying	

APPENDIX 3

Trees Recommended for Removal

Idaho Maryland Mine Project

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	2252	Grey Pine	16	Poor		
IM	2253	Grey Pine	10	Fair		
IM	2254	Grey Pine	10	Good		
IM	2255	Grey Pine	21	Poor		
IM	2256	Grey Pine	32	Fair		
IM	2257	Grey Pine	40	Fair		
IM	2258	Grey Pine	16	Fair		
IM	2259	Ponderosa Pine	20	Excellent		
IM	2260	Grey Pine	20	Poor		
IM	2262	Ponderosa Pine	14	Good		
IM	2263	Ponderosa Pine	20	Excellent		
IM	2264	Cottonwood	14	Poor		
IM	2265	Ponderosa Pine	10	Good		
IM	2266	Ponderosa Pine	8	Fair		
IM	2268	Cottonwood	8	VeryPoor		
IM	2269	Ponderosa Pine	10	Good		
IM	2270	Cottonwood	14	Fair		
IM	2271	Cottonwood	14	Fair		Tag added to inv
IM	2272	Cottonwood	14	Fair		
IM	2273	Madrone	12	Excellent		
IM	2274	Cottonwood	14	Fair		
IM	2275	Cottonwood	14	Fair		
IM	2276	***To be inventoried				***To be inventoried
IM	2277	Grey Pine	18	Fair		
IM	2278	Madrone	8	Excellent		
IM	2279	Grey Pine	24	Good		
IM	2280	Ponderosa Pine	8	Good		
IM	2281	Incense Cedar	12	Excellent		
IM	2282	Grey Pine	20	Poor		
IM	2283	Grey Pine	16	Fair		
IM	2284	Grey Pine	24	Fair		
IM	2285	Grey Pine	34	Good		
IM	2286	Grey Pine	14	Good		
IM	2287	Grey Pine	14	Fair		
IM	2288	Grey Pine	38	Poor		
IM	2289	Grey Pine	24	Fair		
IM	2290	Grey Pine	18	Good		
IM	2292	Grey Pine	22	Fair		
IM	2293	Grey Pine	16	Fair		
IM	2294	Grey Pine	12	Fair		
IM	2295	Cottonwood	16	Fair		
IM	2296	Cottonwood	10	Poor		
IM	2297	Cottonwood	14	Fair		
IM	2298	Ponderosa Pine	14	Good		
IM	2299	Cottonwood	14	Poor		

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Trees Recommended for Removal

Idaho Maryland Mine Project

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	2300	Cottonwood	12	Poor		
IM	2301	Cottonwood	8	Fair		
IM	2302	Cottonwood	12	Fair		
IM	2303	Cottonwood	12	Fair		
IM	2304	Cottonwood	14	Fair		
IM	2305	Cottonwood	12	Fair		
IM	2306	Cottonwood	10	Fair		
IM	2307	Cottonwood	30	Poor	Twin trunk	
IM	2308	Cottonwood	10	Fair		
IM	2309	Cottonwood	12	Fair		
IM	2310	Cottonwood	10	Poor		
IM	2311	Cottonwood	10	Poor		
IM	2312	Cottonwood	22	Fair		
IM	2313	Incense Cedar	12	Good		
IM	2314	Ponderosa Pine	10	Good		
IM	2315	Grey Pine	10	Good		
IM	2316	Grey Pine	18	Good		
IM	2317	Grey Pine	10	Poor	Branch Disease	
IM	2318	Ponderosa Pine	24	Good		
IM	2319	Ponderosa Pine	14	Good		
IM	2320	Madrone	10	Good		
IM	2321	Cottonwood	16	Fair		
IM	2322	Cottonwood	12	Poor		
IM	2323	Cottonwood	12	Fair		
IM	2324	Cottonwood	12	Fair		
IM	2325	Cottonwood	16	Poor		
IM	2326	Madrone	24	Excellent		
IM	2327	Cottonwood	16	Good		
IM	2328	Cottonwood	14	Poor		
IM	2329	Ponderosa Pine	14	Excellent		
IM	2330	Ponderosa Pine	10	Good		
IM	2331	Ponderosa Pine	12	Good		
IM	2332	Madrone	8	Good		
IM	2333	Ponderosa Pine	10	Good		
IM	2334	Madrone	8	Good		
IM	2335	Madrone	8	Good		
IM	2336	Madrone	10	Excellent		
IM	2337	Ponderosa Pine	16	Fair		
IM	2338	Ponderosa Pine	12	Fair		
IM	2339	Cottonwood	12	VeryPoor		Multiple trunks
IM	2340	Grey Pine	12	Poor		
IM	2341	Madrone	10	Good		
IM	2342	Madrone	18	Good		
IM	2343	Cottonwood	12	Fair		

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Trees Recommended for Removal

Idaho Maryland Mine Project

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	2344	Ponderosa Pine	10	Fair		
IM	2345	Madrone	12	Excellent		
IM	2346	Cottonwood	14	Good		
IM	2348	Ponderosa Pine	8	Good		
IM	2349	Madrone	12	Poor		
IM	2350	Cottonwood	12	Good		
IM	2351	Ponderosa Pine	12	Fair		
IM	2352	Ponderosa Pine	10	Good		
IM	2353	Ponderosa Pine	16	Excellent		
IM	2354	Ponderosa Pine	18	Good		
IM	2355	Madrone	10	Good		
IM	2356	Cottonwood	12	Poor		
IM	2357	Ponderosa Pine	12	Good		
IM	2359	Cottonwood	24	Good		
IM	2360	Cottonwood	16	Good		
IM	2361	Cottonwood	20	Good		
IM	2362	Madrone	8	Good		
IM	2363	Ponderosa Pine	14	Fair		
IM	2364	Ponderosa Pine	8	Fair		
IM	2365	Ponderosa Pine	26	Good		
IM	2366	Ponderosa Pine	14	Good		
IM	2367	Cottonwood	12	Poor		
IM	2368	Cottonwood	12	Fair		
IM	2369	Cottonwood	26	Poor		
IM	2370	Cottonwood	12	Fair		
IM	2371	Incense Cedar	10	Good		
IM	2372	Ponderosa Pine	16	Good		
IM	2373	Ponderosa Pine	14	Good		
IM	2374	Ponderosa Pine	18	Good		
IM	2375	Cottonwood	28	Poor		
IM	2376	Madrone	12	Good	Twin trunk	
IM	2378	Ponderosa Pine	12	Good		
IM	2379	Ponderosa Pine	20	Good		
IM	2380	Ponderosa Pine	12	Good		
IM	2381	Cottonwood	20	Good		
IM	2382	Cottonwood	20	Poor		
IM	2384	Cottonwood	8	Poor		
IM	2385	Cottonwood	8	Fair		
IM	2386	Cottonwood	18	Good		
IM	2387	Cottonwood	14	Good		
IM	2388	Madrone	10	Good		
IM	2389	Ponderosa Pine	20	Good		
IM	2390	Ponderosa Pine	8	Poor		
IM	2391	Ponderosa Pine	12	Fair		
IM	2392	Madrone	14	Good		

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Trees Recommended for Removal

Idaho Maryland Mine Project

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	2393	Madrone	8	Good		
IM	2394	Madrone	14	Good		
IM	2395	Ponderosa Pine	28	Excellent		
IM	2396	Grey Pine	12	Good		
IM	2397	Ponderosa Pine	28	Fair		
IM	2398	Grey Pine	16	Excellent		
IM	2399	Grey Pine	22	Good		
IM	2400	Grey Pine	18	Good		
IM	2401	Cottonwood	18	Poor		
IM	2402	Ponderosa Pine	24	Poor		
IM	2403	Ponderosa Pine	10	Good		
IM	2404	Ponderosa Pine	8	Excellent		
IM	2405	Incense Cedar	22	Excellent		
IM	2406	Ponderosa Pine	10	Good		
IM	2407	Cottonwood	8	Fair		
IM	2408	***To be inventoried				***To be inventoried
IM	2409	Ponderosa Pine	10	Good		
IM	2410	Ponderosa Pine	14	Good		
IM	2411	Ponderosa Pine	12	Good		
IM	2412	Ponderosa Pine	22	Good		
IM	2413	Madrone	18	Excellent		
IM	2414	Madrone	8	Good		
IM	2415	Madrone	12	Good		
IM	2416	Ponderosa Pine	16	Good		
IM	2417	Cottonwood	16	Poor		
IM	2418	Cottonwood	16	Poor		
IM	2419	Madrone	12	Good		
IM	2420	Ponderosa Pine	14	Fair		
IM	2421	Ponderosa Pine	18	Fair		
IM	2422	Cottonwood	14	Poor		
IM	2423	Ponderosa Pine	14	Fair		
IM	2424	Grey Pine	14	Good		
IM	2425	Grey Pine	22	Good		
IM	2426	Grey Pine	24	Good		
IM	2427	Cottonwood	24	Fair		
IM	2428	Cottonwood	18	Poor		
IM	2429	Ponderosa Pine	14	Fair		
IM	2430	Ponderosa Pine	16	Good		
IM	2431	Ponderosa Pine	14	Good		
IM	2432	Grey Pine	20	Good		
IM	2433	Grey Pine	10	Good		
IM	2434	Grey Pine	10	Good		
IM	2435	Grey Pine	20	Fair		
IM	2436	LiveOak	8	Good		
IM	2437	LiveOak	8	Fair		

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Trees Recommended for Removal

Idaho Maryland Mine Project

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	2438	Grey Pine	26	Fair		
IM	2439	Grey Pine	28	Fair		
IM	2440	Grey Pine	16	Fair		
IM	2441	Grey Pine	18	Good		
IM	2442	Grey Pine	10	Good		
IM	2443	Grey Pine	32	Poor		
IM	2444	Cottonwood	14	Fair		
IM	2445	Cottonwood	8	Fair		
IM	2446	Cottonwood	10	Poor		
IM	2447	Cottonwood	10	Fair		
IM	2448	Cottonwood	8	Poor		
IM	2449	Cottonwood	12	Fair		
IM	2450	Cottonwood	10	Poor		
IM	2451	Cottonwood	10	Poor		
IM	2452	Cottonwood	10	Poor		
IM	2453	Cottonwood	16	VeryPoor		
IM	2456	Cottonwood	14	Fair		
IM	2457	Ponderosa Pine	16	Fair		
IM	2458	Cottonwood	26	VeryPoor		
IM	2461	Cottonwood	26	VeryPoor		
IM	2462	Ponderosa Pine	14	Good		
IM	2463	Madrone	14	Excellent		
IM	2464	Cottonwood	40	Poor		
IM	2465	Madrone	12	Good		
IM	2466	Ponderosa Pine	18	Fair		
IM	2467	Ponderosa Pine	16	Fair		
IM	2468	Grey Pine	10	Good		
IM	2469	Grey Pine	16	Good		
IM	2470	Cottonwood	20	VeryPoor		
IM	2472	Grey Pine	12	Good		
IM	2473	Madrone	10	Good		
IM	2474	Cottonwood	36	Fair		
IM	2475	Ponderosa Pine	12	Good		
IM	2476	Madrone	12	Good		
IM	2477	Cottonwood	16	Fair		
IM	2478	Madrone	10	Good		
IM	2479	Cottonwood	34	Poor	Trunk wound	
IM	2480	Cottonwood	8	Good		
IM	2481	Cottonwood	10	Fair		
IM	2482	Cottonwood	12	Fair		
IM	2483	Ponderosa Pine	8	Good		
IM	2484	Cottonwood	8	Good		
IM	2485	Cottonwood	8	Good		
IM	2486	Grey Pine	8	Poor	Branch Disease	

APPENDIX 3

Trees Recommended for Removal

Idaho Maryland Mine Project

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	2487	Ponderosa Pine	12	Good		
IM	2490	Grey Pine	10	Good		
IM	2491	Ponderosa Pine	20	Good		
IM	2492	Cottonwood	18	Fair		
IM	2493	Cottonwood	18	Good		
IM	2494	Madrone	8	Good		Added tag
IM	2495	Grey Pine	40	Fair		
IM	2496	Cottonwood	28	Poor		
IM	2497	Ponderosa Pine	14	Good		
IM	2498	Ponderosa Pine	14	Good		
IM	2499	Grey Pine	10	Good		
IM	2500	Cottonwood	20	Good		
IM	2501	Ponderosa Pine	16	Fair		
IM	2502	Ponderosa Pine	18	Fair		
IM	2503	Grey Pine	24	Fair		
IM	2504	Grey Pine	16	Fair		
IM	2505	Grey Pine	24	Poor		
IM	2506	Grey Pine	22	VeryPoor	Cavities/Decay	
IM	2507	Ponderosa Pine	38	Excellent		
IM	2508	Ponderosa Pine	12	Excellent		
IM	2509	Ponderosa Pine	12	Good		
IM	2510	Ponderosa Pine	14	Excellent		
IM	2511	Ponderosa Pine	12	Excellent		
IM	2512	Ponderosa Pine	10	Fair	Branch Disease	
IM	2514	Grey Pine	14	Excellent		
IM	2515	Ponderosa Pine	8	Excellent		
IM	2516	Grey Pine	12	Fair	Branch Disease	
IM	2517	Ponderosa Pine	12	Fair		
IM	2525	Grey Pine	14	Fair		
IM	2526	Cottonwood	34	VeryPoor		
IM	2527	***To be inventoried				***To be inventoried
IM	2528	Cottonwood	12	VeryPoor		
IM	2529	Grey Pine	10	Excellent		
IM	2530	Cottonwood	14	VeryPoor		
IM	2531	Cottonwood	10	VeryPoor		
IM	2532	Cottonwood	10	VeryPoor		
IM	2533	Grey Pine	20	Good		
IM	2534	Ponderosa Pine	36	Good		
IM	2535	Grey Pine	14	Fair		
IM	2536	Ponderosa Pine	14	Good	None	
IM	2537	Grey Pine	30	Poor		Forked trunk
IM	2538	Grey Pine	26	Fair		

APPENDIX 3

Trees Recommended for Removal

Idaho Maryland Mine Project

Area	Tag	Species	Diameter	Condition	Defects	Notes
IM	2539	Grey Pine	14	Good		
IM	2552	Grey Pine	12	Good		
IM	2557	Ponderosa Pine	40	Excellent		
IM	2558	Ponderosa Pine	10	Excellent		
IM	2559	Grey Pine	14	Excellent		
IM	2560	Ponderosa Pine	10	Excellent		
IM	2561	Ponderosa Pine	36	Excellent		
IM	2562	Grey Pine	10	Good		
IM	2571	Grey Pine	22	Good		
IM	2574	Ponderosa Pine	16	Excellent		
IM	2575	Grey Pine	10	Good		
IM	2576	Grey Pine	36	Good		
IM	2577	Ponderosa Pine	20	Good		
IM	2578	Grey Pine	38	Excellent		
IM	2579	Grey Pine	14	VeryPoor		Forked trunk
IM	2580	Ponderosa Pine	12	Good		
IM	2581	Ponderosa Pine	12	Excellent		
IM	2582	Ponderosa Pine	14	Excellent		
IM	2583	Ponderosa Pine	14	Good		
IM	2584	Grey Pine	10	Good		
IM	2585	Ponderosa Pine	38	Excellent		
IM	2586	Ponderosa Pine	36	Excellent		
IM	2587	Ponderosa Pine	38	Good		
IM	2588	Ponderosa Pine	8	Excellent		
IM	2589	Grey Pine	22	Fair		
IM	2590	Grey Pine	20	Fair		
IM	2592	Ponderosa Pine	8	Fair		
IM	2593	Ponderosa Pine	8	Excellent		
IM	2594	Ponderosa Pine	34	Excellent		
IM	2595	Madrone	12	Excellent		
IM	2596	Ponderosa Pine	12	Excellent		
IM	2597	Grey Pine	32	Poor		

APPENDIX 4

**Plates 7A, 7B, and 7C in Volume II
comprise the contents thereof**

APPENDIX 5

Tree Preservation Guidelines

Grade changes and physical wounding are the most common impacts of construction during site development. Grade changes (including trenching) can cause root loss, root wounds, disruption of soil biology, and root disease. Modern construction techniques also cause a great deal of soil compaction. Compacted soils limit the availability of water and oxygen, which is vital to healthy root development.

The ***Tree Protection Zone (TPZ)*** is an area identified by the project arborist as enough undisturbed space for the trees to retain good health and vigor. Under ideal conditions, the TPZ would include all of the tree's root area and crown. Many times though, it is not possible to retain the optimum TPZ around each tree preserved. However, by using various techniques, it is often possible to protect a tree's root zone. The arborist and designer must work closely to design the optimum TPZ. .

Many immediate and future problems for trees are initiated by disturbing the roots within the TPZ zone. Do not mechanically strip soils within the TPZ; only handwork should be allowed in the TPZ.

Construction activities can injure the root crown, trunk, and branches. All wounds eventually decay, leading to energy depletion and tree hazards. Prevention of construction impacts and injuries during site development are more effective and less costly than repairing or mitigating the impacts or injuries.

Any change to an established tree's environment can cause its decline and death. These guidelines are recommended to give any tree that has been delineated for protection, the best possible chances for long-term survival.

The following Tree Protection Guidelines are provided to assist with the development of specifications for the tree preservation process.

Tree Protection Guidelines

The following additional specifications are provided for the protection of trees during the grading and construction phases of this project:

1. Include Tree Protection Guidelines on all plans.
2. Tree Protection Zones (TPZ) should be shown on plans.
3. Protection fencing should be installed around the Tree Protection Zone (TPZ) of each tree to be retained, prior to the start of any construction activity. The fence should remain in place for the duration of the project. The trees to be retained should be enclosed with a minimum four (4) foot tall fence.
4. The project arborist should inspect the fencing prior to beginning grading operations. Encroachment into the TPZ should only occur when the project arborist is on site.
5. No cutting or pruning of any branch for any purpose should occur unless specified and/or monitored by the project arborist.
6. *No* grade cuts, fills, or trenching should occur within the TPZ of a tree unless the project arborist is on site (including the landscaping phase). The project arborist may recommend the use of an air spade to locate roots. The project arborist should oversee the root pruning of one inch and larger roots.
7. Keep all uncovered roots moist and covered until root pruning is complete and the roots are covered with soil again.
8. No storage or dumping of oil, gasoline, chemicals, or other substances that may be harmful to trees should occur within the TPZ of any tree, or from any other location on site from which such substances might enter the protected perimeter.
9. No burning should occur within 50' of the TPZ at any time.
10. Parking of vehicles, equipment, or storage of materials within the TPZ should not occur at any time.
11. No signs, ropes, cables, or any other items should be attached to protected trees.