




OREGON DEPARTMENT OF TRANSPORTATION

# AGGREGATE SITES

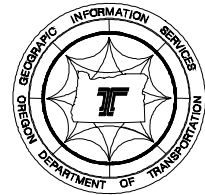
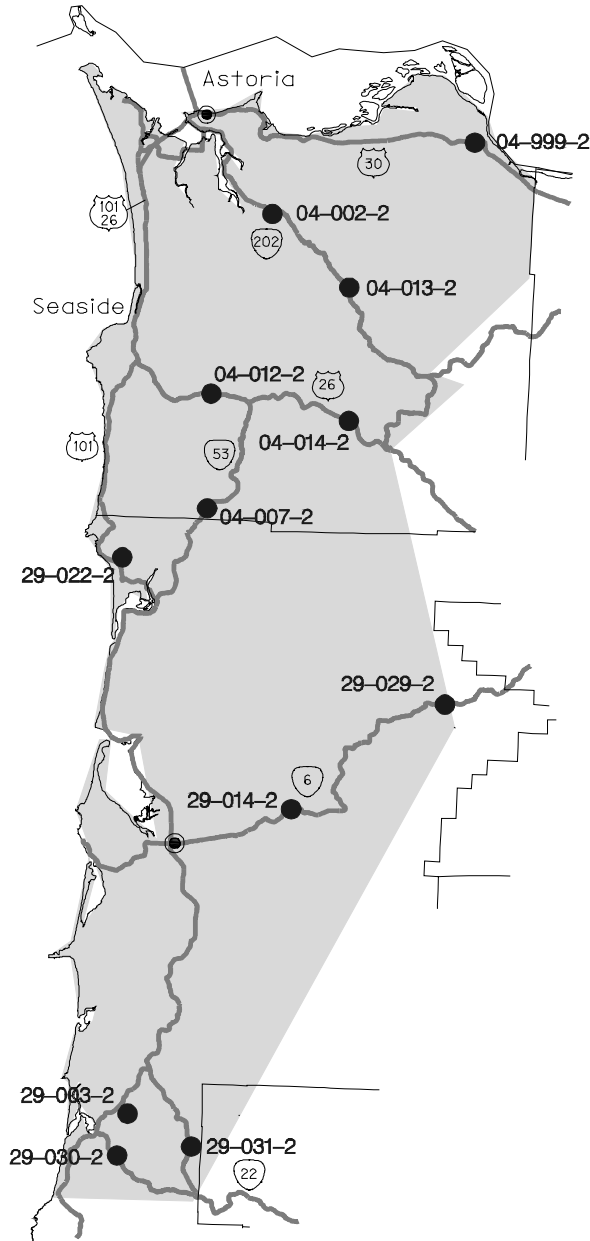
## DISTRICT 1

JUNE 2002

### LEGEND

- COUNTY BOUNDARY
- 00-000-0 SITE ID NUMBER
- SITE LOCATION SYMBOL
-  INTERSTATE
-  U.S. ROUTE
-  OREGON ROUTE

SCALE  
0 1 2 3 4 5 10 MILES  
1 inch = 15 MILES



# List of Sites in District 1

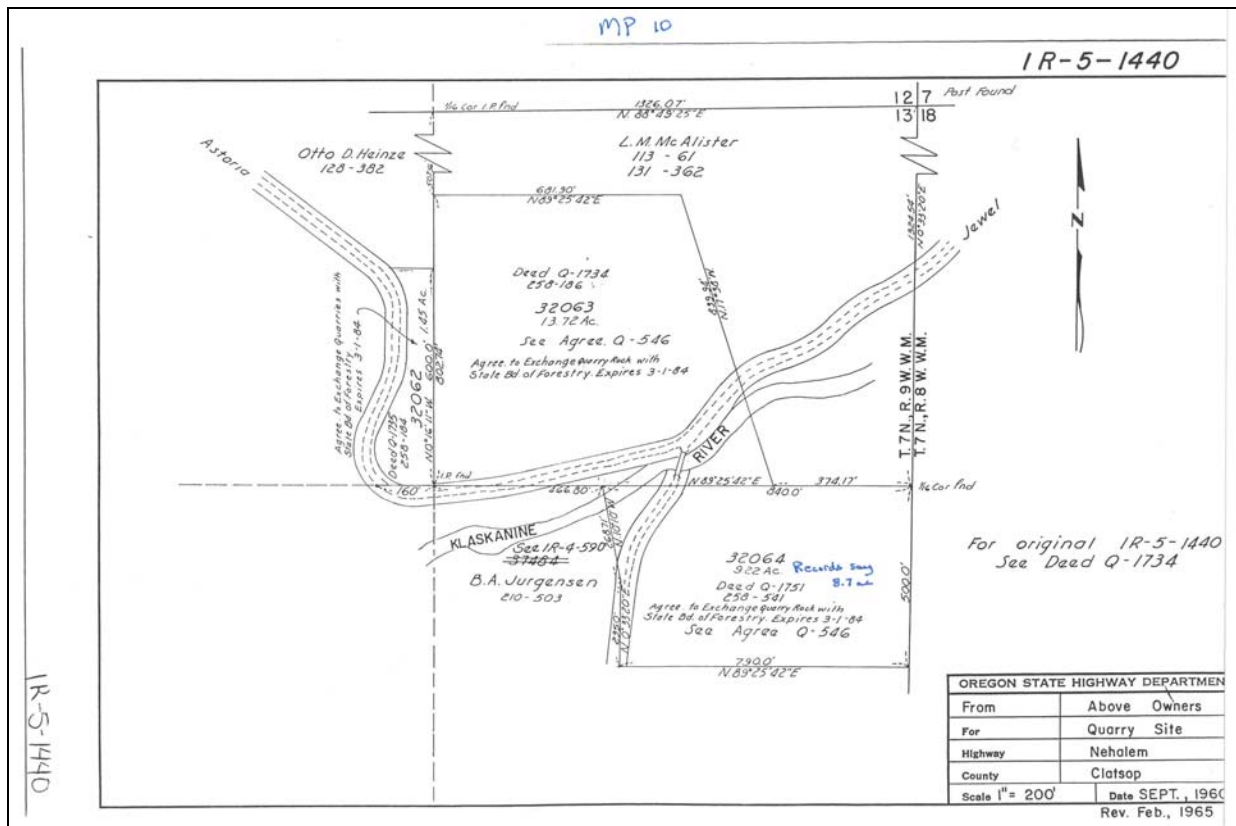
## Source Numbers

04-002-2 .....	2
04-007-2 .....	4
04-012-2 .....	6
04-013-2 .....	8
04-014-2 .....	10
04-999-2 .....	12
29-003-2 .....	14
29-014-2 .....	16
29-022-2 .....	18
29-029-2 .....	20
29-030-2 .....	22
29-031-2 .....	24

County	Site Name			Dist	Hwy	Mile Pt	TWP	RGE	Sect
Clatsop	Olney Quarry			01	0102	10.4	07N	09.0W	13
File ID		Source #	Date Visited	Map #		Type of Site			
32063, 32062, 32064		04-002-2	2/17/1999	1R-5-1440		Quarry			
Latitude	Longitude	Elev. (m)	Acreage	Pit Size	DOGAMI Permit #				
46 05'34.66140"	123 44'21.31449"	7.037	24.39	<1	04-0081				
Comments									
GPS acquired at the access point and the county road south of the Clatskanie River.									
Rock Type	Unit	Color		Weathering		Jointing			
Basalt	Tim	Medium Dark Grey (N4)		Fresh to Slight		Massive to Highly Fractured			
Quality			Hardness	lbs./cu ft.	Reserve (cy)	Reserve (Tons)			
Good to Very Good			R4+	169	300,000	684,450			
Potentially Significant Site	Why			Open/Closed	Direction				
Yes	This site has good quality rock and is at a good location along the highway.			Closed	North Fork Clatskanie River bisects the property.				
Adjacent Land Use									
Farming and rural residences on the west and eastside of the northern quarry site, private quarries adjacent to the north and south of the site.									
Remarks									
The rock here is a fine-grain basalt that is large, blocky, and very angular. You will need to drill and blast the rock. There is no screening from any vantage point and very limited room to work. The property is bisected by Highway 202 and the North Fork of the Clatskanie River. This site has had limited work in the past and would need to be developed to make room for future production. There are two private quarries at each end of our property that could provide room to work or a staging area. The southern quarry appears to use our access road for there easement. The terrain is steep and heavily forested on the northern portion of the ground. The southern portion is not very steep and would pose little problems. There has been some public conflict in the past and could be an issue. You would need to move the access road to the private quarry on the southern portion of our ground. There is a good amount of timber on the northern portion. The northern portion also has steep terrain with a few widow makers hanging									
202B	203B	211	206 Fine	206 Coarse	208 F	208 F Ht.	208 C	208 C Ht.	
		11.9			10.7	0.8	11.9	0.9	
Material Use									



View to the north of the quarry site along Highway 202. The basalt exposure (arrow) to the right center is the area of the close-up image.



Close-up view of the fracture pattern with the hammer for scale.

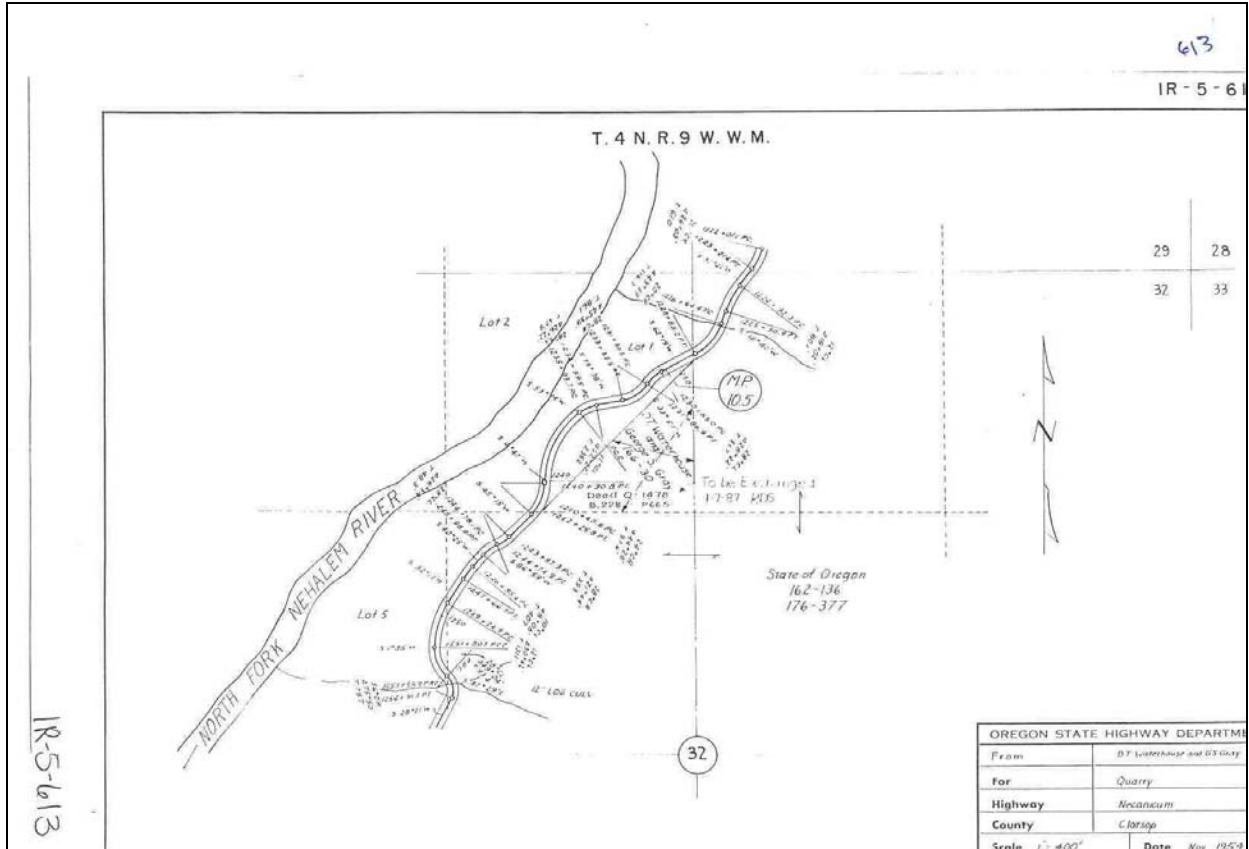
<b>County</b>	<b>Site Name</b>				<b>Dist</b>	<b>Hwy</b>	<b>Mile Pt</b>	<b>TWP</b>	<b>RGE</b>	<b>Sect</b>
Clatsop	Gray Quarry				01	0046	10.6	04N	09.0W	32
<b>File ID</b>		<b>Source #</b>	<b>Date Visited</b>	<b>Map #</b>		<b>Type of Site</b>				
22563		04-007-2	2/18/1999	1R-5-613		Quarry				
<b>Latitude</b>	<b>Longitude</b>	<b>Elev. (m)</b>	<b>Acreage</b>	<b>Pit Size</b>	<b>DOGAMI Permit #</b>					
45 47'41.81919"	123 48'54.66105"	53.074	10.8	<1	04-0082					
<b>Comments</b>										
GPS acquired in the pit.										
<b>Rock Type</b>	<b>Unit</b>	<b>Color</b>		<b>Weathering</b>			<b>Jointing</b>			
Basalt	Tim	Medium Dark Grey (N4)		Very Slight to Fresh			Massive to Moderately Fractured			
<b>Quality</b>			<b>Hardness</b>	<b>lbs./cu ft.</b>	<b>Reserve (cy)</b>	<b>Reserve (Tons)</b>				
Good			R4	182	200,000	491,400				
<b>Potentially Significant Site</b>	<b>Why</b>			<b>Open/Closed</b>	<b>Direction</b>					
No	Steep ground, no room to work, narrow roadway, no screening			Closed	West across Highway 53 about 300 meters is the North Fork of the Nehalem River.					
<b>Adjacent Land Use</b>										
Forest, part-time residence to the north and across the road										
<b>Remarks</b>										
This site is located adjacent to and east of Highway 53. The rock is a fine-grain basalt that has some platy fractures but can be very massive/blocky. There is no room to work here along Highway 53 but no screening from the road. This site is on the inside of the highway radius and the road is very narrow at this location. There is a small pit that is overgrown with vegetation. This would be a difficult site to develop due to the steep terrain and the proximity to the highway. It looks like the adjacent property owners cut down some of the trees along our common property line.										
<b>202B</b>	<b>203B</b>	<b>211</b>	<b>206 Fine</b>	<b>206 Coarse</b>	<b>208 F</b>	<b>208 F Ht.</b>	<b>208 C</b>	<b>208 C Ht.</b>		
	2.55	15.60	17.65	3.09	17.9	3.0	26.4	3.0		
<b>Material Use</b>										
CTB, Base, AC (1975)										

NE

E



View to the northeast of the old quarry site. Pit face is back behind the trees.



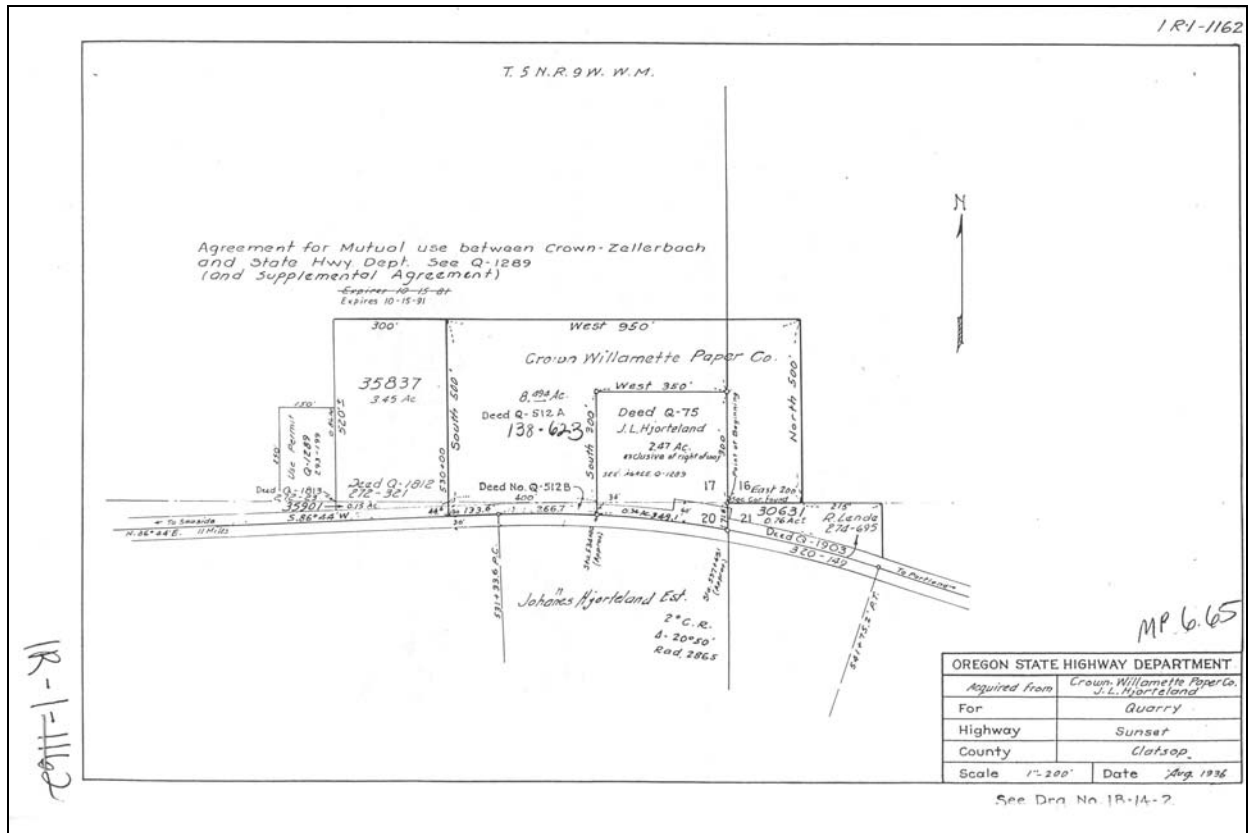
Close-up view along Highway 53 of the jointing pattern.

County	Site Name			Dist	Hwy	Mile Pt	TWP	RGE	Sect
Clatsop	Hjortland Quarry			01	0047	6.5	05N	09.0W	17, 20, 21
File ID				Source #	Date Visited	Map #		Type of Site	
04183, 30631, 16391, 02749, 35837, 35901, Q0075.				04-012-2	2/18/1999	1R-1-1162		Quarry	
Latitude	Longitude	Elev. (m)	Acreage	Pit Size		DOGAMI Permit #			
45 54'36.85484"	123 48'57.94892"	82.147	15.17	<2		04-0014			
Comments									
GPS acquired in the pit.									
Rock Type	Unit	Color		Weathering			Jointing		
Basalt	Tim	Medium Dark Grey (N4)		Very Slight to Fresh			Massive to Moderately Fractured		
Quality				Hardness	lbs./cu ft.	Reserve (cy)	Reserve (Tons)		
Good				R4	186	150,000	376,650		
Potentially Significant Site	Why				Open/Closed	Direction			
Maybe	Small acreage, but the quantity and quality are good enough.				Closed	South across Highway 26 is the Necanicum River			
Adjacent Land Use									
Forest/Residential									
Remarks									
This site is now the Maintenance Yard along Highway 26 west of the intersection with Highway 53. This is a fine-grain basalt in very steep terrain. There is limited aggregate left do to the fact that the terrain is steep and the property boundary has almost been reached. Maintenance is removing the material from the top of the hill and pushing it down a chute to the pit floor below. There is plenty of room to work here, but no screening from the highway. The height of the pit wall is of concern and a development plan should take into consideration benching it for safety reasons. There has been some site development for this piece of property. Because of the steepness of the ground I suggest a new survey to locate the corners. A bench mark with X, Y, and Z coordinates should be installed for future referencing of this property.									
202B	203B	211	206 Fine	206 Coarse	208 F	208 F Ht.	208 C	208 C Ht.	
		11.2	6.0	0.0	15	1.8	18	17.9	
Material Use									
Quarry Sample (2002)									

NE



View to the northeast of the Maintenance yard and the quarry site in the center of the image.



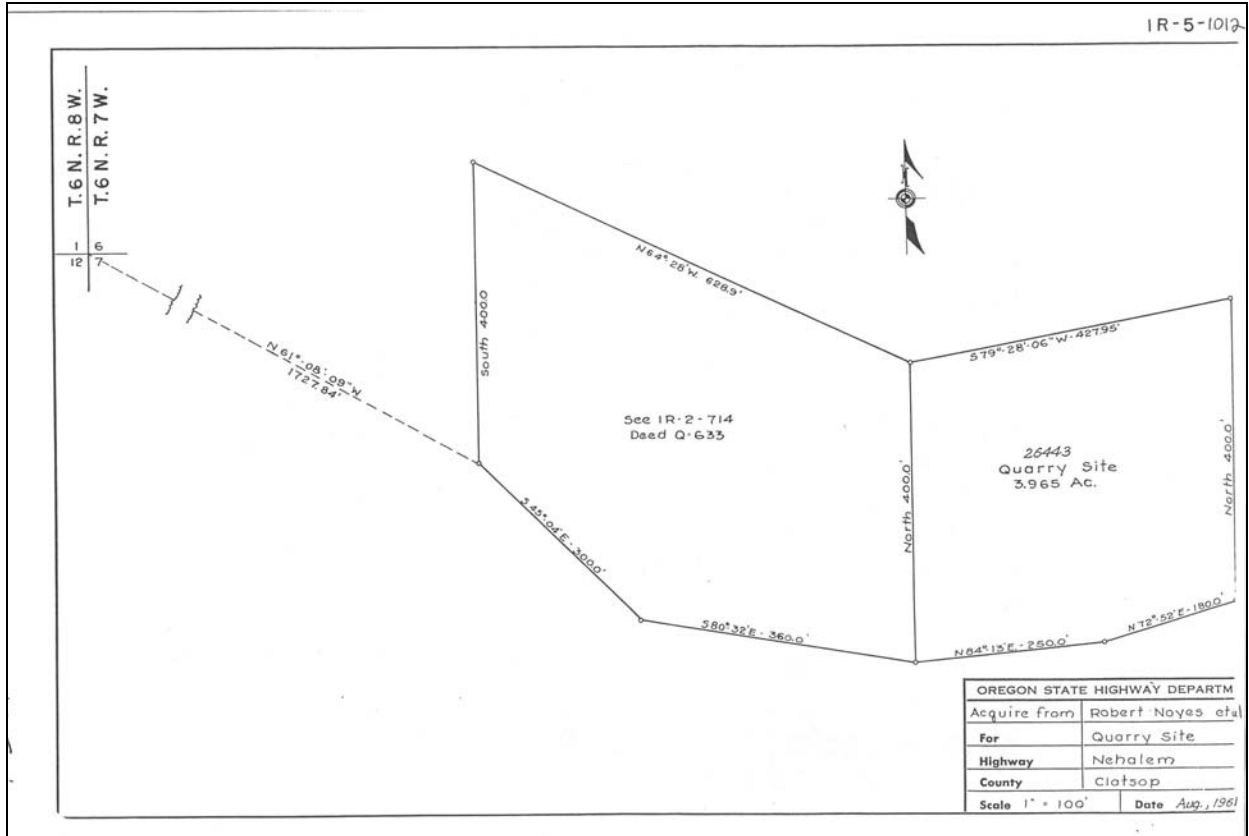
Close-up view of the fracture pattern within the quarry.



County	Site Name			Dist	Hwy	Mile Pt	TWP	RGE	Sect
Clatsop	Cooperage Quarry			01	0102	19.2	06N	07.0W, 08.0W	07,12
File ID		Source #	Date Visited	Map #		Type of Site			
06370		04-013-2	2/17/1999	1R-5-1012, 1R-2-714		Quarry			
Latitude	Longitude	Elev. (m)	Acreage	Pit Size	DOGAMI Permit #				
46 01'19.92421"	123 37'32.52219"	216.669	5.93	<1	04-0080				
Comments									
GPS acquired at the locked gate to this site.									
Rock Type	Unit	Color		Weathering			Jointing		
Basalt	Tc	Medium Dark Grey (N4)		Fresh to Very Slight			Moderate to Highly Fractured		
Quality			Hardness	lbs./cu ft.	Reserve (cy)	Reserve (Tons)			
Good to Very Good			R4	177	120,000	286,740			
Potentially Significant Site	Why			Open/Closed	Direction				
Yes	Good Rock, good size stockpile site along access road			Closed	South across gravel road about 15 meters is the South Fork of the Clatskanie River.				
Adjacent Land Use									
Forest, Private quarry adjacent to the east									
Remarks									
This site is located east of Highway 202 about 600 meters. The rock is a fine-grain basalt with strong parting along mineral boundaries to produce the dominant vertical joints. The jointing pattern has weakened the rock to the point of spalling off the cliff. This has created a good size talus slope for pit run material. Otherwise we would need to drill and shoot the rock. There is great screening from Highway 202 but very limited room to work at the quarry site. This property is adjacent to the South Fork of the Clatskanie River and special care would need to be taken if we open this site back up. The long easement road has a very good location for a stockpile site. A private quarry is adjacent to our ground on the eastern boundary. The high wall is vertical and too tall for safety reasons. If we are to use this ground I recommend that we develop a site plan and mine from the top down. Long easement road, nice grove of 2nd growth trees, unique basalt.									
202B	203B	211	206 Fine	206 Coarse	208 F	208 F Ht.	208 C	208 C Ht.	
		12.6	5.0	1.0	15	12.2	21	15.4	
Material Use									
Quarry Sample (2002)									



View to the north of the pit face and the talus pile at the base of the cliff.  
The pit face is approximately 70 feet tall.



Close-up view of the jointing pattern with the hammer for scale.

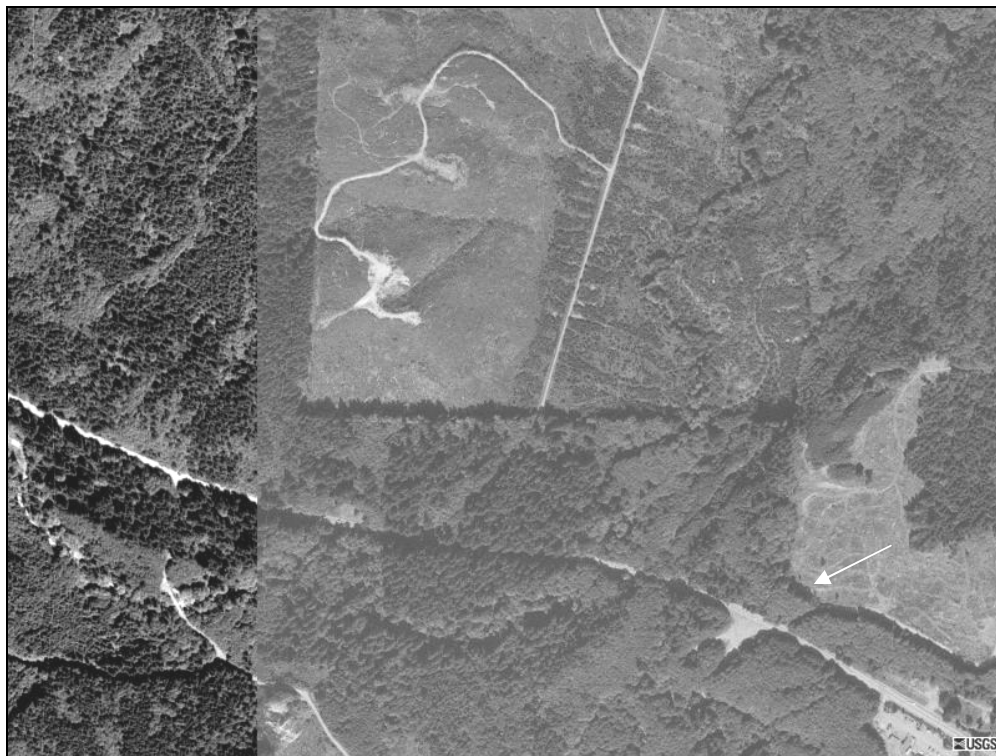
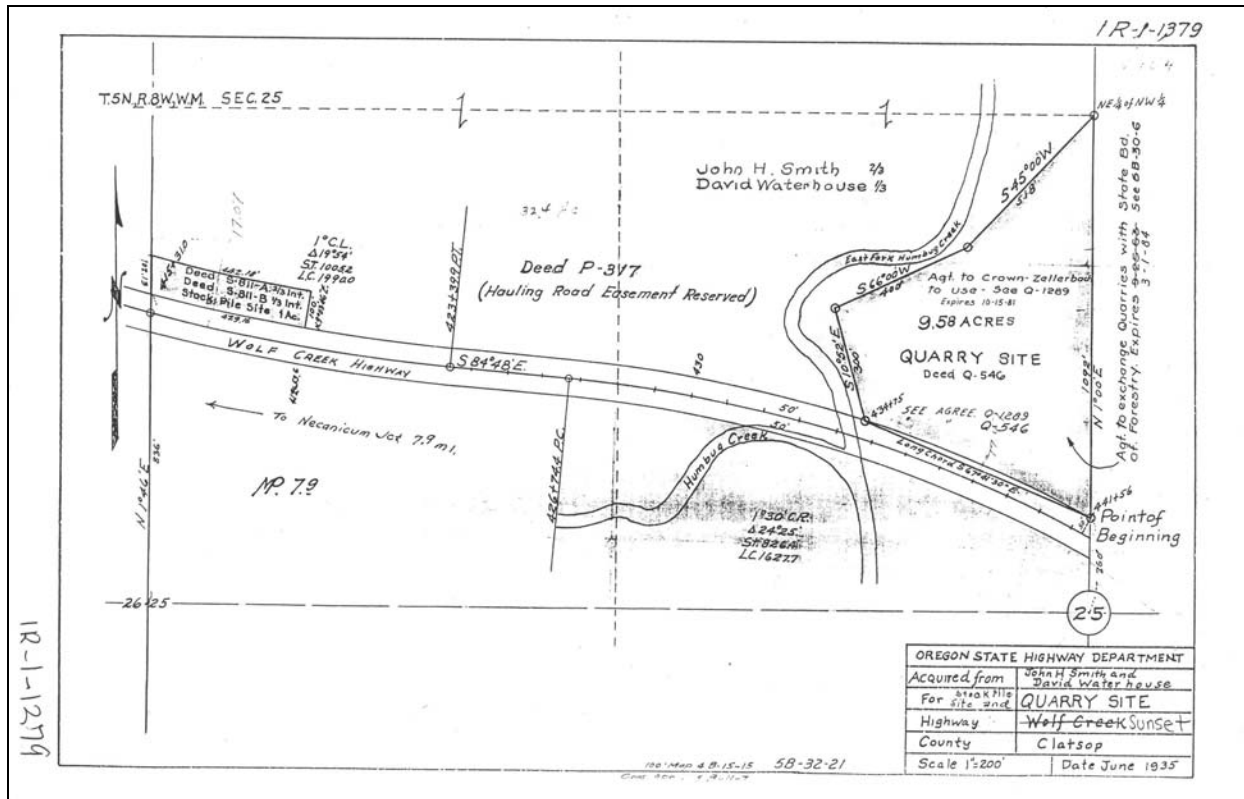
County	Site Name			Dist	Hwy	Mile Pt	TWP	RGE	Sect
Clatsop	East Humbug Quarry			01	0047	17.3	05N	08.0W	25
File ID		Source #	Date Visited	Map #			Type of Site		
01666, 06454		04-014-2	2/16/1999	1R-1-1379			Raw Land		
Latitude	Longitude	Elev. (m)	Acreage	Pit Size		DOGAMI Permit #			
45 53'17.49502"	123 37'08.46165"	157.244	10.58	NA		04-0015			
Comments									
GPS acquired on the south side of Highway 26 from the property in a turnout.									
Rock Type	Unit	Color		Weathering			Jointing		
Sandstone	Tss/Tim	NA		Decomposing			Undetermined		
Quality			Hardness	lbs./cu ft.	Reserve (cy)		Reserve (Tons)		
Poor			R0 to R2	155					
Potentially Significant Site	Why			Open/Closed	Direction				
No	Wrong lithology for road construction material.			Closed	Adjacent to the site is East Humbug Creek. West Humbug Creek is across Highway 26 to the south approximately 50 meters.				
Adjacent Land Use									
Forest									
Remarks									
The lithology at this site is composed of sandstone with some basalt float that was found on the southwest side of the property. The rock here would be of no value for aggregate use, but could be used as a fill material source. The basalt float is from an igneous dike that is exposed to the south across the highway approximately 150 meters. There is little to no room to work at this site along Highway 26 and no screening from the road. This quarry site (9.58ac) was part of a larger tract of land that totaled 63 acres. The lions share of the property has been turned over to the State Forest or Parks for a corridor along the highway. A small stock pile site adjacent to Highway 26 is located about 1000 meters west of the quarry. There is a better location away from the public view and a safer working environment that Maintenance could use.									
202B	203B	211	206 Fine	206 Coarse	208 F	208 F Ht.	208 C	208 C Ht.	
Material Use									

NW

NE



View to the north of the site along Highway 26.

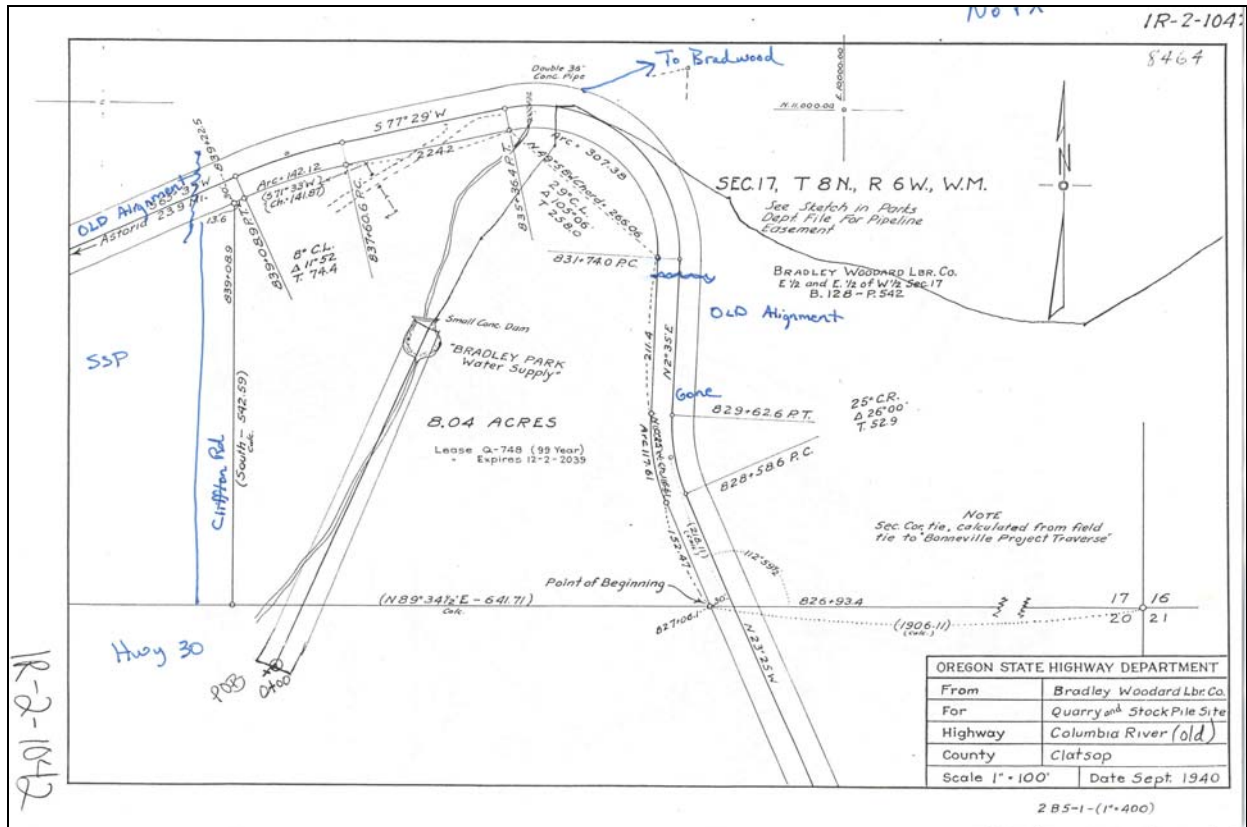


Aerial view of the site and the surrounding area along Highway 26.

County	Site Name				Dist	Hwy	Mile Pt	TWP	RGE	Sect
Clatsop					01	0002	76	08N	06.0W	17
File ID		Source #	Date Visited	Map #			Type of Site			
08464		04-999-2	2/17/1999	1R-2-1042			Raw Land			
Latitude	Longitude	Elev. (m)	Acreage	Pit Size	DOGAMI Permit #					
46 10'19.88000"	123 27'15.33000"	160	8.04	NA						
Comments										
Lat. and Long. acquired using Terrain Navigator Software										
Rock Type	Unit	Color		Weathering			Jointing			
Basalt	Tcw	NA		NA			NA			
Quality			Hardness	lbs./cu ft.	Reserve (cy)	Reserve (Tons)				
NA			NA	120						
Potentially Significant Site	Why			Open/Closed	Direction					
No	Leased ground			Closed	Hunt Creek bisects property.					
Adjacent Land Use										
Forest/Residences next to property.										
Remarks										
This location is flat ground with no rock exposed to evaluate. The property is a long term lease with a private party. We have a stockpile site to the west about 200 meters. This property is of no aggregate value to this organization. It is flat ground with Hunt Creek bisecting the ground.										
202B	203B	211	206 Fine	206 Coarse	208 F	208 F Ht.	208 C	208 C Ht.		
Material Use										

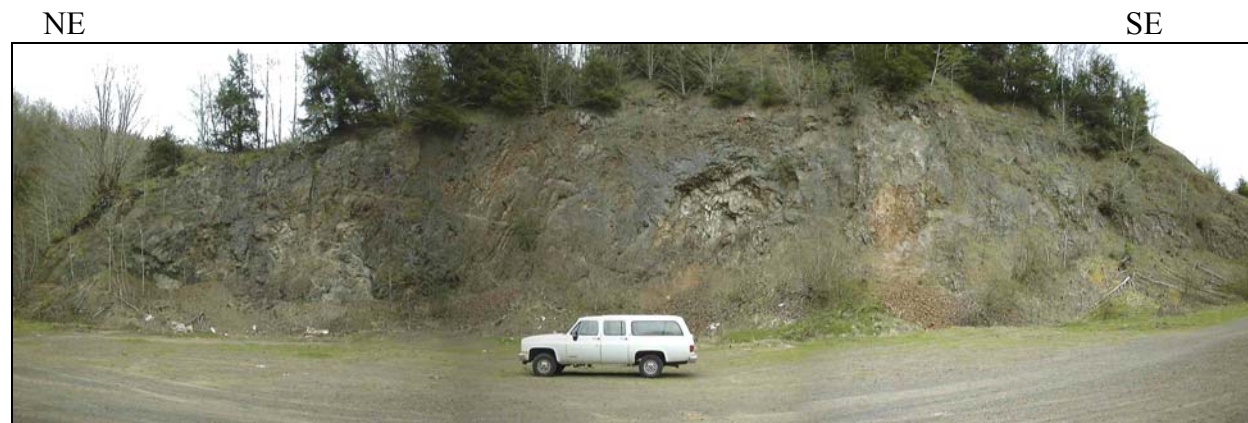


View to the southwest of the site along the old highway alignment.

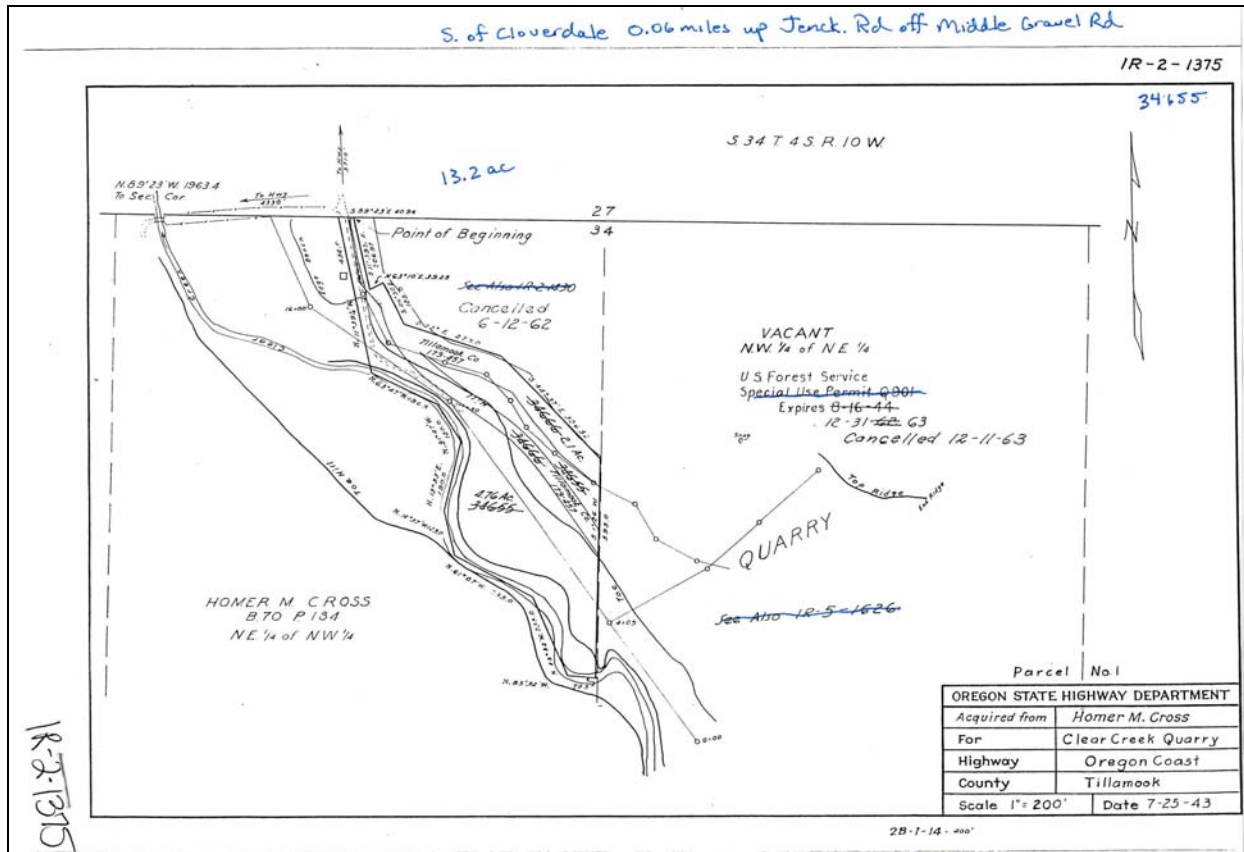


Aerial view of the property and surrounding area. Arrow points to the location of the image on the previous page.

County	Site Name				Dist	Hwy	Mile Pt	TWP	RGE	Sect
Tillamook	Clear Creek Quarry				01	0009	89.4	04S	10.0W	34
File ID		Source #	Date Visited	Map #		Type of Site				
34655		29-003-2	4/19/1999	1R-2-1375		Quarry				
Latitude	Longitude	Elev. (m)	Acreage	Pit Size	DOGAMI Permit #					
45 11'02.3241"	123 53'32.22296"	75.282	13.2	<3						
Comments										
GPS acquired between the upper and middle pits on the forest service access road.										
Rock Type	Unit	Color		Weathering		Jointing				
Basalt	Ty	Medium Dark Grey (N4)		Fresh to Slight		Moderate to Highly Fractured				
Quality			Hardness	lbs./cu ft.	Reserve (cy)	Reserve (Tons)				
Good			R3+ to R4	155	250,000	523,125				
Potentially Significant Site	Why				Open/Closed	Direction				
No	Good rock but the Forest Service owns the lions share of the property.				Closed	Adjacent to south Clear Creek.				
Adjacent Land Use										
Forest/Residences to the west approximately 500 meters.										
Remarks										
This site is located south of Cloverdale off of Highway 101. You turn up Jenck Road and go a very short distance to the Forest Service Road. The rock is a slightly weathered fine-grain basalt. The terrain is moderate to very steep. You can rip some of the material but most of the rock would need to be drilled and blasted. There is minor secondary alteration along fracture boundaries that could degrade the lab results. There is good screening from the highway and plenty of room to work here. There is some concern about the amount of property we have at our disposal. We control 13.2 acres and the Forest Service controls the rest. This site should be researched thoroughly for any future work. The Forest Service road bisects the property and could pose problems if any work is to be done at that location.										
202B	203B	211	206 Fine	206 Coarse	208 F	208 F Ht.	208 C	208 C Ht.		
2.56	2.81	15.52	4.43	1.23	15.8	0.8	19.9	1.0		
Material Use										
Base (1976)										



View to the east of the upper pit along the access road.



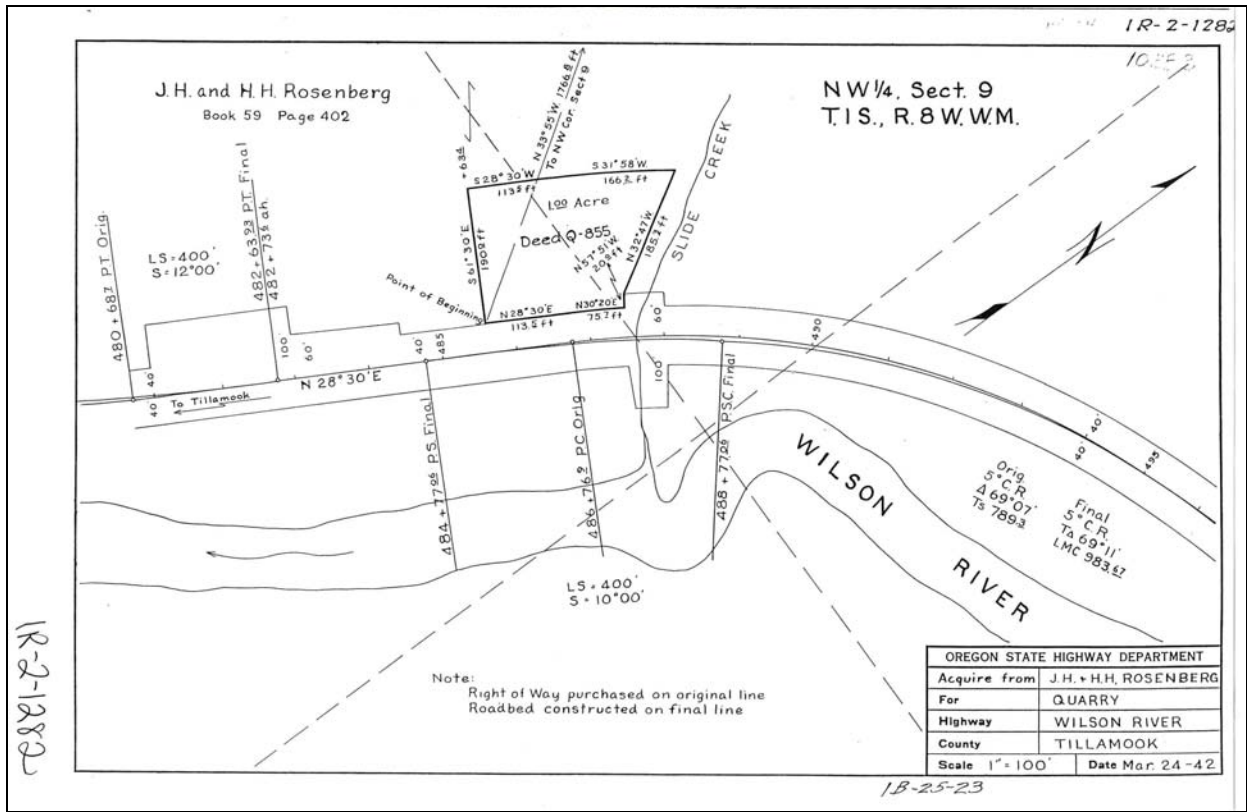
Close-up view of the fracture pattern along the face. Note the hammer for scale.



County	Site Name			Dist	Hwy	Mile Pt	TWP	RGE	Sect
Tillamook	Slide Creek Quarry			01	0037	9.4	01S	08.0W	09
File ID		Source #	Date Visited	Map #			Type of Site		
10282		29-014-2	4/19/1999	1R-2-1282			Quarry		
Latitude	Longitude	Elev. (m)	Acreage	Pit Size		DOGAMI Permit #			
45 29'46.77000"	123 40'44.79000"	93	1	NA		29-0097			
Comments									
Lat. and Long. acquired using Terrain Navigator Software									
Rock Type	Unit	Color		Weathering			Jointing		
Basalt	Ti	NA		NA			NA		
Quality			Hardness	lbs./cu ft.	Reserve (cy)	Reserve (Tons)			
NA			NA	155					
Potentially Significant Site	Why	Open/Closed	Direction						
No	Too small.	Closed	Adjacent to Slide Creek. The Wilson River is across Highway 6 to the east approximately 300 meters.						
Adjacent Land Use									
Residences across the highway.									
Remarks									
This site is located adjacent to the Wilson River Highway. There is no quarry only a small exposure approximately 20 feet wide by 25 feet tall to evaluate the rock and its lithology. The property is in very steep terrain with little room to pull off of Highway 6. This ground is more right of way than a quarry site. Residential homes are located across the highway.									
202B	203B	211	206 Fine	206 Coarse	208 F	208 F Ht.	208 C	208 C Ht.	
		46.92		63.5	31.4	4.1			
Material Use									
BASE, A/C (1972)									



View to the northwest along Highway 6 of the small pit at Slide Creek. The pit is behind the vehicle.



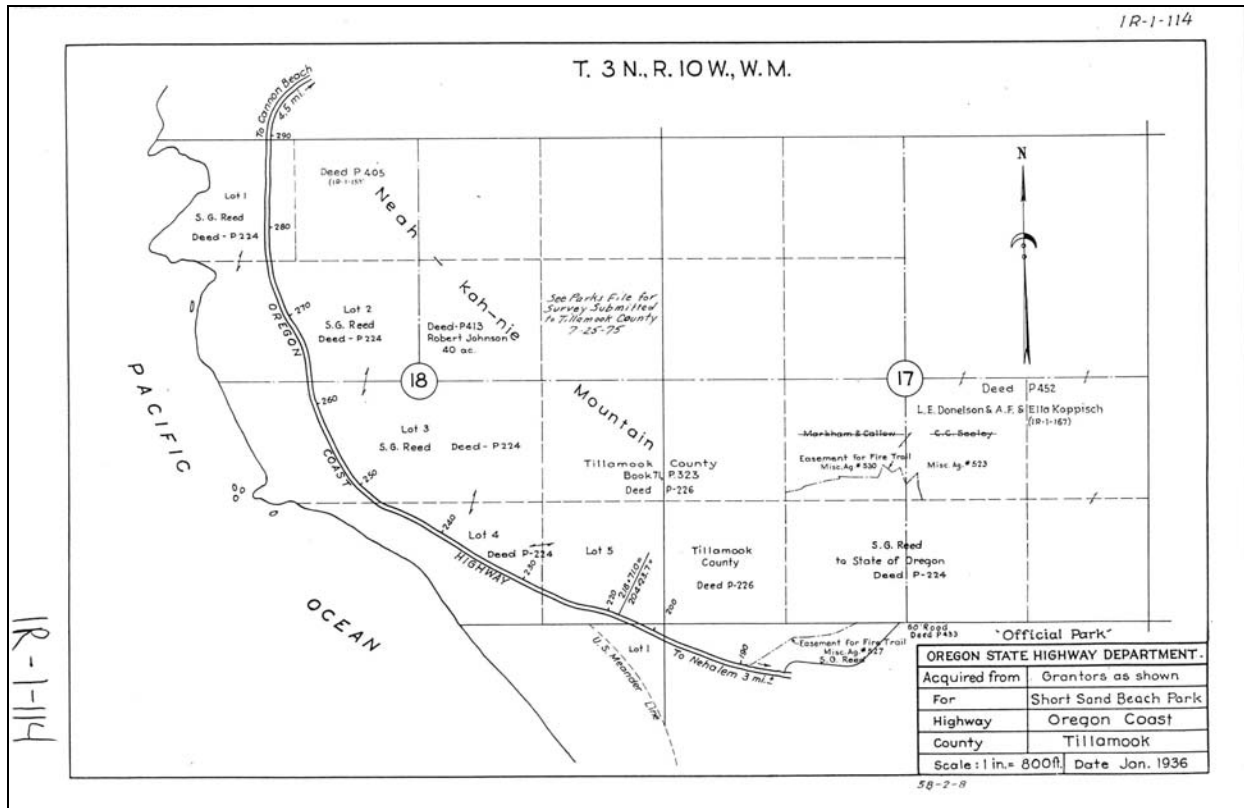
Aerial view of the small quarry site located adjacent to Highway 6.

County	Site Name			Dist	Hwy	Mile Pt	TWP	RGE	Sect
Tillamook	Neahakanie Mountain Pit			01	0009	41.8	03N	10.0W	17
File ID		Source #	Date Visited	Map #			Type of Site		
02746		29-022-2	4/19/1999	1R-1-114			Road Cut		
Latitude	Longitude	Elev. (m)	Acreage	Pit Size	DOGAMI Permit #				
45 44'32.6837"	123 55'56.93741"	253.201	1	<1					
Comments									
GPS acquired at the pit and waste site on the east flank of Neahkahnne Mountain.									
Rock Type	Unit	Color		Weathering			Jointing		
Basalt	Tim	Medium Dark Grey (N4)		Slight to Fresh			Highly to Moderately Fractured		
Quality			Hardness	lbs./cu ft.	Reserve (cy)	Reserve (Tons)			
Good			R3+ to R4	120					
Potentially Significant Site	Why			Open/Closed	Direction				
No	This site belongs to State Parks and is used for a waste site now.			Closed	NA				
Adjacent Land Use									
Forest/State Park, Residences along the access road to the site.									
Remarks									
The site that was evaluated is part of Oswald West State Park. It is along the access road that traverses the east flank of Neahkahnne Mountain. It appears someone uses this ground for a waste rock site. The site with the source number 29-22-2 was part of the road cut improvement along Highway 101 at Neahkahnne Mountain. The road cut is in an area of vertical cliffs with limited, to no room to work and no screening. If this site would ever be used for a quarry then the access road would need to be developed.									
202B	203B	211	206 Fine	206 Coarse	208 F	208 F Ht.	208 C	208 C Ht.	
Material Use									

S



View to the south of a small pit on the eastside access road of Neahkahnne Mountain. Arrow points to a small pit face for the close-up image.

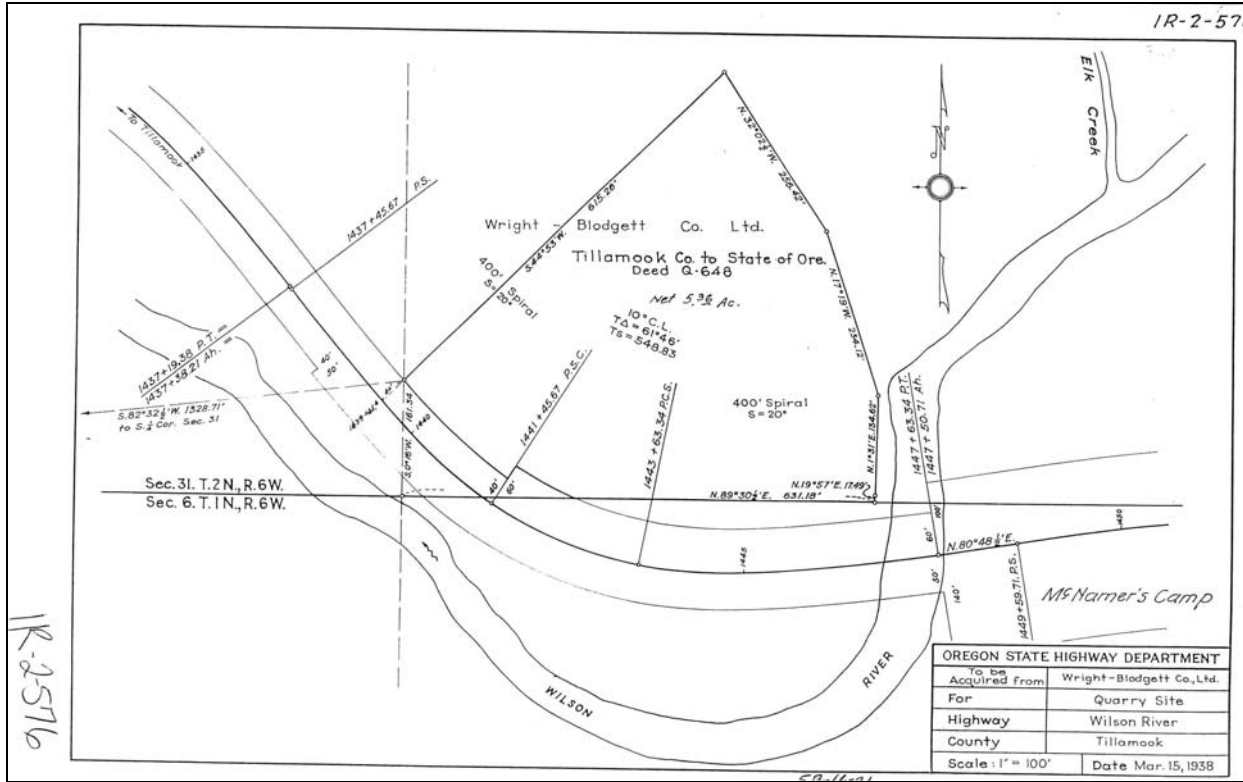


Close-up view of the jointing pattern along the pit face.

County	Site Name			Dist	Hwy	Mile Pt	TWP	RGE	Sect
Tillamook	Mcnamer's Pit Quarry			01	0037	27.3	02N	06.0W	31
File ID		Source #	Date Visited	Map #			Type of Site		
Q0648		29-029-2	2/19/1999	1R-2-575, 1R-2-576			Road Cut		
Latitude	Longitude	Elev. (m)	Acreage	Pit Size		DOGAMI Permit #			
45 36'25.01045"	123 28'03.35179"	256.016	7.56	NA		29-0095			
Comments									
GPS acquired at the stockpile site along Highway 6.									
Rock Type	Unit	Color		Weathering			Jointing		
Basalt	Ttv	Variable		Slight to Moderate			Highly Fractured		
Quality			Hardness	lbs./cu ft.	Reserve (cy)	Reserve (Tons)			
Poor			R3	120	120,000	194,400			
Potentially Significant Site	Why			Open/Closed	Direction				
No	No room to work with limited quantity. If the alignment of Highway 6 were to change you could develop this site.			Closed	Adjacent to the Wilson River and Elk Creek.				
Adjacent Land Use									
Forest/State Park.									
Remarks									
This site located adjacent north to Highway 6. The ground is divided up into a stock pile site and a road cut. The stockpile site is almost filled in and now has a limited life span. The quarry is in steep terrain with no screening and limited room to work. The property is at the confluence of Elk Creek and the Wilson River. The basalt is weathered enough to get a poor quality classification.									
202B	203B	211	206 Fine	206 Coarse	208 F	208 F Ht.	208 C	208 C Ht.	
Material Use									



View to the north of the roadcut along Highway 6.  
The image was acquired from the stockpile site

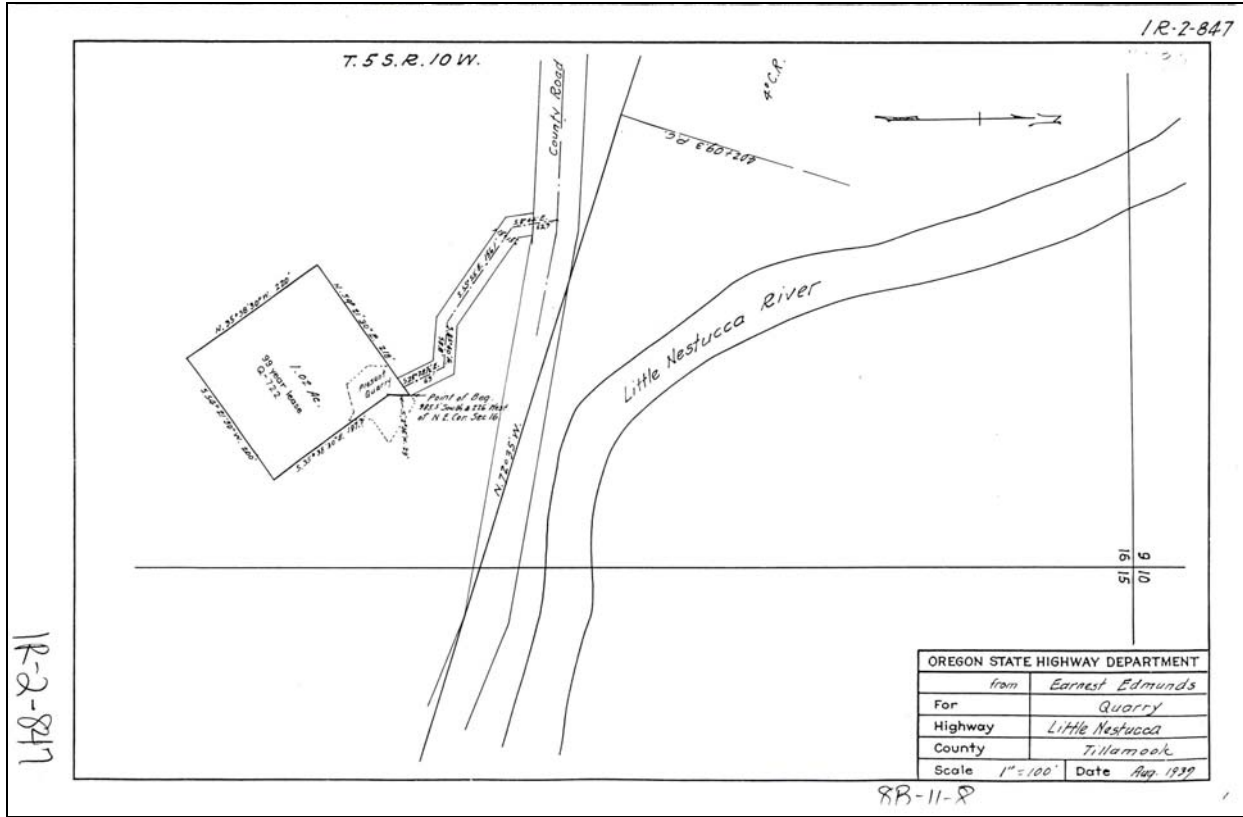


Close-up view of the fracture pattern along the highway.

County	Site Name			Dist	Hwy	Mile Pt	TWP	RGE	Sect
Tillamook	Bodyfeldt/Edmonds Quarry			01	0130	2	05S	10.0W	16
File ID		Source #	Date Visited	Map #		Type of Site			
07237		29-030-2	4/19/1999	1R-2-847		Quarry			
Latitude	Longitude	Elev. (m)	Acreage	Pit Size	DOGAMI Permit #				
45 08'29.53545"	123 54'16.97998"	23.017	1.02	<2					
Comments									
GPS was acquired in the pit.									
Rock Type	Unit	Color		Weathering		Jointing			
Basalt	Ty	Medium Dark Grey (N4)		Slight		Highly Fractured			
Quality			Hardness	lbs./cu ft.	Reserve (cy)	Reserve (Tons)			
Poor to Good			R3+	155					
Potentially Significant Site	Why			Open/Closed	Direction				
No	Small ground, leased ground, rock not of the best quality.			Open	Northwest and north across the road is the Little Nestucca River approximately 200 meters.				
Adjacent Land Use									
Farming									
Remarks									
This ground is adjacent to and south of the Little Nestucca Highway. This site has a mix of fine-grain basalt and a large baked zone of mudstone. The mudstone is of poor quality where as the basalt dike is fair to good quality rock. The rock has secondary alterations of FeS (pyrite), and (calcite) CaCO3. This site is not owned by ODOT but is leased. There is no screening from the road with some room to work. This is a leased site in Tillamook County that expires August 2038.									
202B	203B	211	206 Fine	206 Coarse	208 F	208 F Ht.	208 C	208 C Ht.	
	2.86	10.9		0.2			14.28	0.7	
Material Use									



View to the south of the leased pit area and pit face.



Close-up view of the talus rock at the base of the pit face.

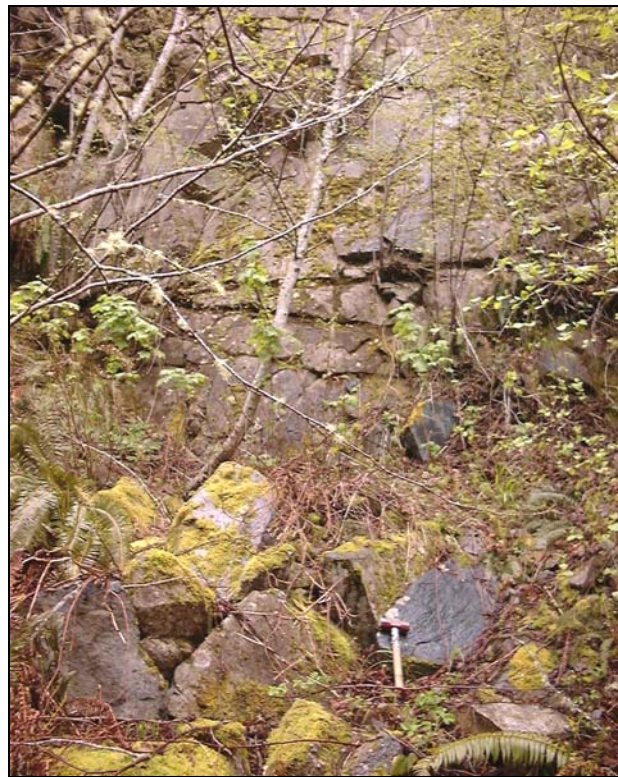
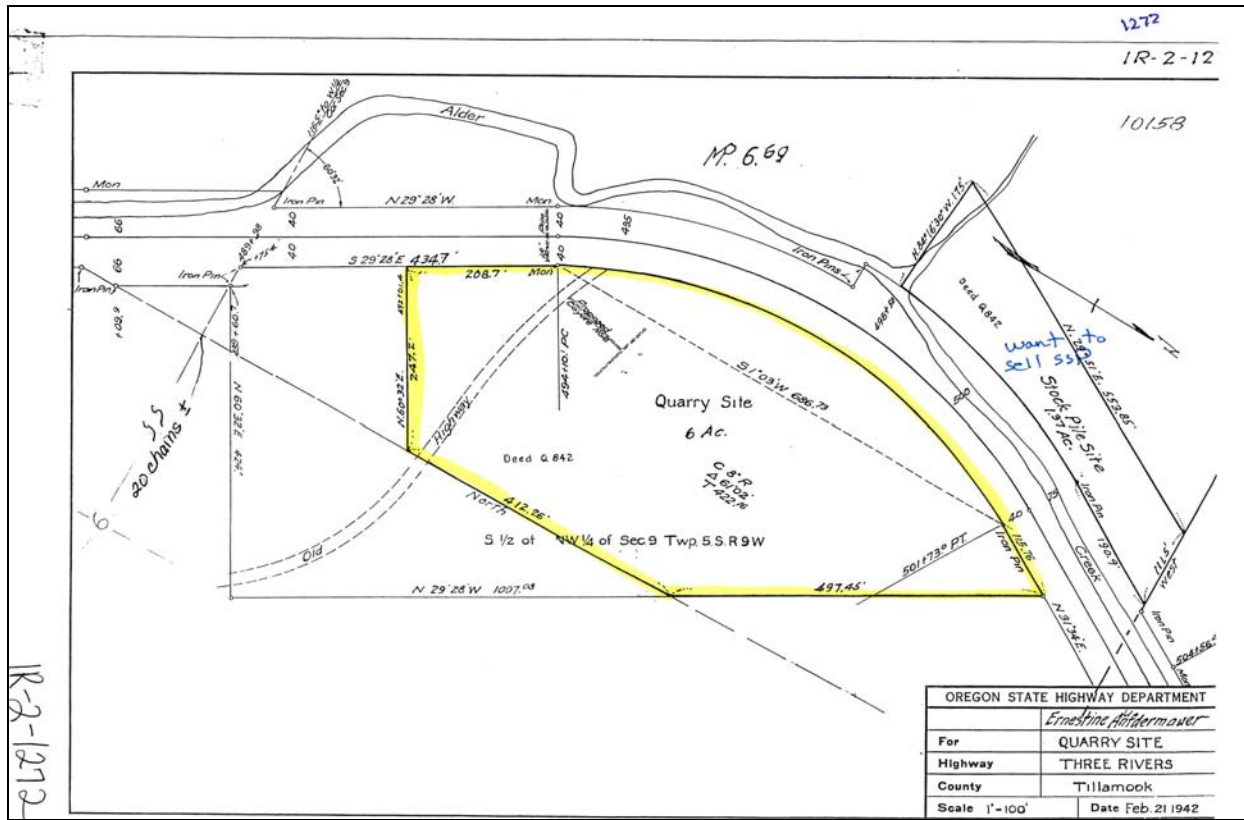


County	Site Name			Dist	Hwy	Mile Pt	TWP	RGE	Sect
Tillamook	Alder Creek Quarry			01	0032	6.7	05S	09.0W	09
File ID		Source #	Date Visited	Map #			Type of Site		
10158		29-031-2	4/19/1999	1R-2-1272			Raw Land		
Latitude	Longitude	Elev. (m)	Acreage	Pit Size	DOGAMI Permit #				
45 09'11.78533"	123 48'03.69632"	136.622	7.37	<1	29-0096				
Comments									
GPS acquired west across Highway 22 from the road cut.									
Rock Type	Unit	Color		Weathering			Jointing		
Diorite	Tim	Dark Greenish Grey (5G 4/1)		Fresh to Slight			Massive		
Quality			Hardness	lbs./cu ft.	Reserve (cy)	Reserve (Tons)			
Good			R4+	165	120,000	267,300			
Potentially Significant Site	Why			Open/Closed	Direction				
Yes	Good rock, large quantity and adjacent to Highway 22.			Closed	Across Highway 22 is Alder Creek, less than 50 meters.				
Adjacent Land Use									
Forest/Farming/ One home adjacent to the south about 450 meters.									
Remarks									
This site is located south of Hebo about 8 miles on Highway 22. The rock is a coarse-grain intrusive diorite with little to no overburden. The diorite breaks into very angular pieces and would need to be drilled and blasted. The terrain is very steep and has no screening with limited room to work. There is some timber value. The stock pile site has no access over Alder Creek. There is a small pit face on the south side of the hill. Other than that this is raw land that has never been developed. If we wish to remove material from this source all work should proceed from the top down. We could acquire some rip rap from this site.									
202B	203B	211	206 Fine	206 Coarse	208 F	208 F Ht.	208 C	208 C Ht.	
2.82	2.82	18.7	2.0	2.0	14.5	0.7	16.6	0.7	
Material Use									
Quarry Rock (1996)									

N



View to the north of the old pit face along the old alignment.



Close-up view of the very blocky diorite.