

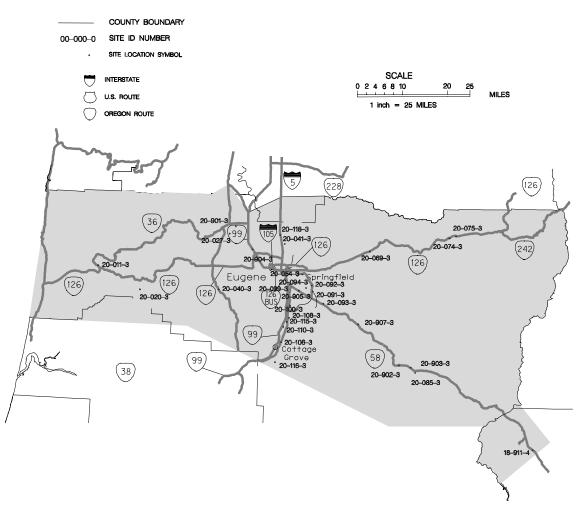
OREGON DEPARTMENT OF TRANSPORTATION

AGGREGATE SITES

DISTRICT 5

JUNE 2002

LEGEND



List of Sites in District 5

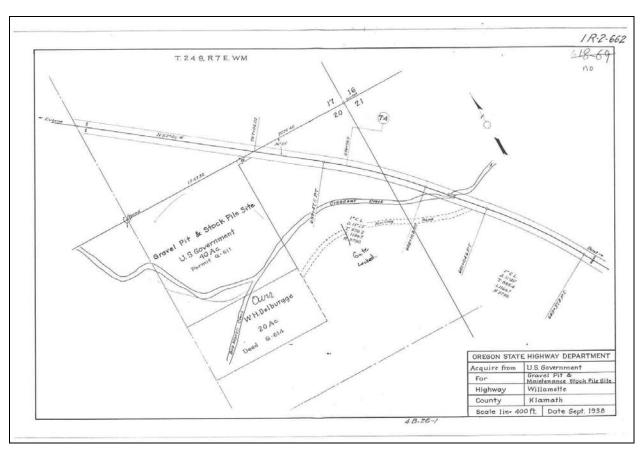
Source Numbers	
18-991-4	2
20-011-3	
20-020-3	
20-027-3	
20-040-3	-
20-041-3	
20-054-3	
20-069-3	
20-074-3	
20-075-3	
20-085-3	
20-091-3	
20-092-3	
20-093-3	
20-094-3	
20-099-3	
20-100-3	
20-106-3	
20-108-3	
20-110-3	
20-110-5	
20-116-3	
20-118-3	
20-901-3	
20-902-3	
20-903-3	
20-904-3	
20-905-3	-
20-905-3	

County			Si	te Name				Dist	Hwy	Mi	le Pt	TWP	RGE	Sect
Klamath								05	0018		0	24S	07.0E	20
	File I	D		Source #	Da	te Visit	ed		I	Map#			Type of	f Site
	0624	1		18-991-4	0	7/11/20	00		11	R-2-662	2		Grav	/el
Latitu	de	L	ongitude	Elev. (m) .	Acreage	9	Pit	t Size		D	OGAMI	Permit #	
43°28'55.5	50000"	121°	54'31.57000"	1419		20		1	NA					
					C	ommen	ts							
Lat. and Long	g. acquired	d using T	errain Naviga	tor Software					•			•		
Rock Ty	ype	Unit		Color			V	Veatheri	ng			Join	nting	
NA		NA		NA				NA				N	VΑ	
	Quality Hardness lbs./cu ft. Reserve (cy) Reserve (Tons)													ns)
	Unknown NA 120													
	Potentially Significant Site Why Open/Closed Direction													
NA		NA						NA	N/	A				
					Adjac	ent Lan	d Use							
NA														
					I	Remark	S							
I tried to reach														
a marsh. From	m a visual	inspection	on of Crescen	t Creek this s	ite coul	d be use	d for w	etland r	nitigation	This s	site shou	ıld be asso	essed for su	ırplus.
202B	203B	211	1 200	6 Fine	206 Co	arse	20	08 F	208 F	Ht.	20	08 C	208 C	Ht.
					Ma	aterial U	Jse							

NW



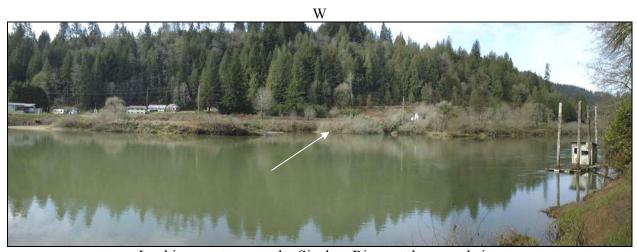
View of the terrain near the gravel site on Crescent Creek.



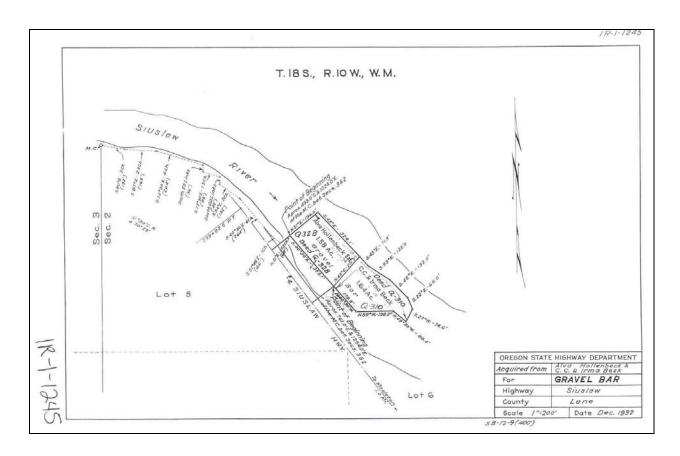


Aerial view of the raw land site along Crescent Creek and south of Highway 58.

County			Site Na	me			Dist	Hwy	Mi	ile Pt	TWP	RGE	Sect
Lane			Mapleton G	avel Bar			05	0229	0).7	18S	10.0W	02
	File II)	So	urce#	Date V	isited			Map#			Type of	Site
	00299)	20	-011-3	3/10/1	1999		1 F	2-1-124	5		Grav	el
Latitude		Loi	ngitude	Ele	ev. (m)	Acrea	age	Pit Si	ze		DOGA	MI Permit #	<u>!</u>
44°02'21.040	00"	123°51	'57.50000"		61	3.2	2	NA					
					Comn	nents							
Lat. and Long. a	cquired	using Terrain	n Navigator S	oftware									
Rock Typ	e	Unit	C	olor		V	Veather	ing			Joi	nting	
Volcanic Gra	vel	NA	1	NΑ			NA]	NA	
	Quality Hardness lbs./cu ft. Reserve (cy) Reserve (Tons)												
	NA NA 120												
Potentially	Potentially Why Open/Closed Direction												
Significant Site				•			•						
No	Too	o small, in to	wn, no eviden	ce of any				losed	Adja	acent to	the Siusl	aw River	
					Adjacent l	Land Use	e						
Residential in th	e town o	of Mapleton											
					Rema								
The property is l									silt wit	h no ev	ridence of	any gravel.	
Records point to	tidal ac	tion at this si	te. Wetland p			r a park c	or river a						
202B 20	3B	211	206 Fin	e 2	06 Coarse	20	08 F	208 F	Ht.	2	08 C	208 C	Ht.
					Materi	al Use							



Looking west across the Siuslaw River at the gravel site.



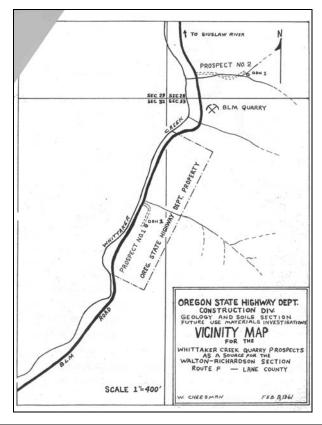


Aerial view of the gravel bar in the Siuslaw River.

County	,		Site	Name			Dist	Hw	vy M	ile Pt	TWP	RGE	Sect	
Lane Whittaker Creek Date Visited Map # Type of Site														
	27702 20-020-3 3/10/1999 Sketch Raw Land Latitude Longitude Elev. (m) Acreage Pit Size DOGAMI Permit # 43°57'58.59000" 123°40'22.67000" 123 11.7 NA Comments Lat. and Long. acquired using Terrain Navigator Software Rock Type Unit Color Weathering Jointing Andesite Ti in Tt Medium Dark Grey (N4) Slight to Fresh Massive Quality Hardness Ibs./cu ft. Reserve (cy) Reserve (Tons) Good to Very Good R4+ 120 120,000 194,400 Potentially Significant Site No Narrow property. This site has never been opened up. Closed West across the BLM road is Whittaker Creek. Adjacent Land Use Forest Remarks This site is located south of Highway 126 about 3.2 km on Whittaker Creek. The property is long and narrow and is adjacent to the creek. It is													
	2770	2		20-020-3	3/10/1	999			Sketch			Raw L	and	
Lati	itude	Lon	gitude	Ele	ev. (m)	Acre	age	Pi	it Size		DOGA	MI Permit	#	
43°57'58	8.59000"	123°40'	22.67000	"	123	11.	7		NA					
					Comn	nents								
Lat. and Lo	ng. acquire	d using Terrain	Navigato	or Software										
		0									Jo	inting		
Ande	esite	Ti in Tt	Me	edium Dark (Grey (N4)		Slight	to Fres	sh		M	assive		
					Hardness	l	bs./cu ft		Reserv	e (cy)	F	Reserve (Tor	1s)	
Potentially														
Potentially Significant Site Why Open/Closed Direction														
Significant Site														
					Adjacent l	Land Us	se							
Forest														
					Rema	arks								
raw land wi	ith no prior	disturbances. T	he site ha	as been drille	d. The rock i	s a fine-	grain and	desite v	vith massi	ve fract	ure. ODO	T would nee	d to	
adjacent to	this ground	for what appea	roads. In	Salmon Recov	ery. The BI	M road	s above a	and bel	ow our sit	e make	in-stream	t to do any w	ork at	
202B	203B	211	206]	Fine 2	06 Coarse	2	08 F	20	8 F Ht.	2	08 C	208 C	Ht.	
	2.84	15.1			1.2	_				_				
					Materi	al Use						1		
					Base, Top a	nd Oil ro	ock							



Looking southwest along the BLM road.
Whittaker Creek is just to the right and the quarry site is on the left side of the road.





Aerial view of the property in relation to the two BLM roads.

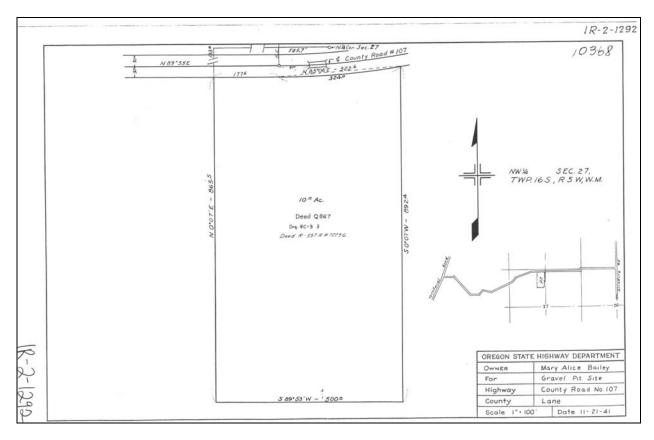
County			Si	te Name				Dist	Hwy	Mile P	t TWP	RGE	Sect
Lane			Е	Baily Pit				05	0200	11.9	16S	05.0W	27
	File II)		Source #	Da	ite Visi	ited		M	[ap #		Type of	Site
	10368	3		20-027-	3	3/09/19	999		1R-	2-1292		Borro	w
Latitud	le	L	ongitude		Elev. (m	1)	Acre	eage	Pit S	ize	DOGA	AMI Permit	#
44°09'24.74	4362"	123°	16'50.2166	7"	108.038	3	1	0	<3 ac	res		20-0153	
					(Comme	ents						
GPS acquired a	along Frai	nklin Road	,										
Rock Typ	pe	Unit		Color			V	Veatherii	ng		Jo	inting	
Volcanic Gr	ravel	NA		NA				NA				NA	
		Quality			Har	dness	L	bs./cu ft.	R	eserve (cy	R	Reserve (Ton	s)
		Unknown			N	IA		120		150,000		243,000	
Potentiall Significant S			W	hy			Open/C	Closed			Direction		
No		Small site,	limited qua	antity.			Clos	sed	West ab	out one m	ile is the To	m River.	
					Adja	cent La	and Use						
Farming													
						Remar	·ks						
This site is loca	ated adjac	ent to and	south of Fi	ranklin Roac	. The pro	perty h	nas had	past prod	uction at t	ne front of	the site up b	ov the county	road.
The pit has fill													
to work and ac													
202B 2	203B	211	200	6 Fine	206 Co	arse	20	08 F	208 F I	Ht.	208 C	208 C	Ht.
					M	aterial	Use						

S



Looking south from Franklin Road at the borrow site.

The pond is from the last removal of gravel.





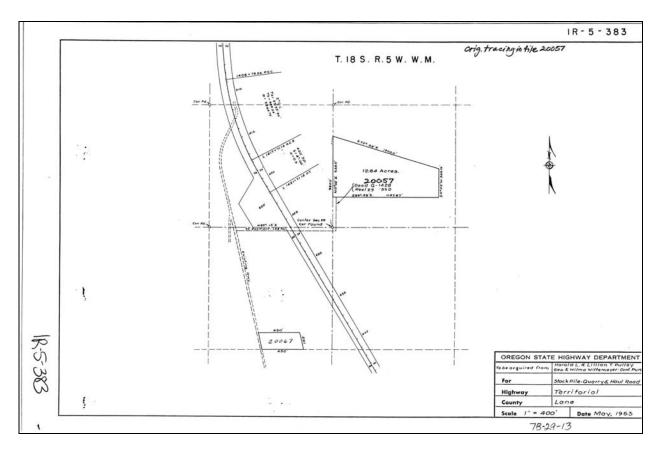
Aerial view of the borrow site along Franklin Road. It appears the water has evaporated when this photo was taken.

County			Site	e Name				Dist	Hw	у	Mile Pt	TWP	RGE	Sect
Lane			Witteme	yer Prospe	ct			05	020	0	25.5	18S	05.0W	29
	File ID			Source #		Date Visit	ted			Map	#		Type of	f Site
	20057			20-040-3	3	3/08/199	99			1R-5-	383		Raw I	and
Latitude		Longitu	ıde	Elev. (n	1)	Acreage	e	Pi	t Size		Γ	OGAMI	Permit #	
43°58'31.6000	0"	123°19'16.0	06000"	139		12.64]	NA			20-0	154	
						Commen	ts							
Lat. and Long. acc	quired 1	using Terrain	Navigat	or Software	;									
Rock Type		Un	-		oloı	r		Weatheri					nting	
Basalt		Ti in	Tt		NA			light to F					Fractured	
Quality Hardness lbs./cu ft. Reserve (cy) Reserve (Tons) Good to Fair R4 178 190,000 456,570 Potentially Open/Closed Direction														
Potentially Why Open/Closed Direction														
Potentially Significant Site Why Open/Closed Direction														
wnv Open/Closed Direction														
					A	djacent Lar	nd Use	,						
Farming														
						Remark	S							
This site is located	d east o	f Territorial H	Iighway	about 200	mete	ers. The rock	here	s a very	fine-gra	ained b	asalt that l	nas platy f	racture and	
breaks into very sl cut half way up th														
The adjacent prop								evident w	ith all	of the n	ew cross i	fencing in	this area. C	Good
timber, would nee														
202B 203		211	206	Fine	20	6 Coarse	2	08 F	208	3 F Ht.		08 C	208 C	
2.89)	13.1				0.4					1	1.73	0.5	<u> </u>
						Material l	Use							

Е



Looking east at the quarry site, across the field.



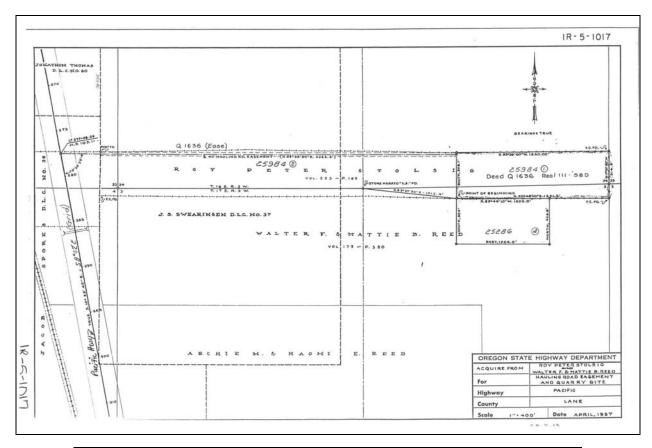


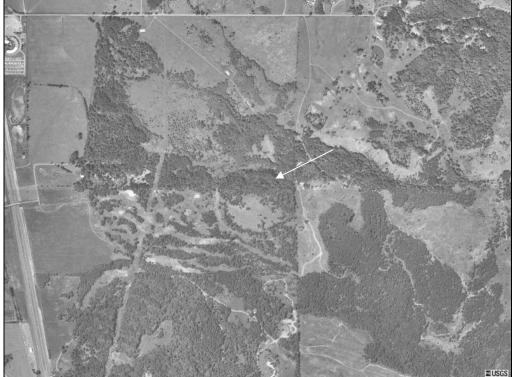
Aerial view of the site along Territorial Highway.

County			Site	e Name				Dist	Hwy	Mile Pt	TWP	RGE	Sect
Lane			Stols	ig Quarry				05	0001	198.4	16S	03.0W	34
	File I	D		Source #	¥	Date Visit	ted		Ma	ıp #		Type of	f Site
	2598	4		20-041	-3	3/22/199	99		1R-5	-1017		Raw I	and
Latit	tude	Longit	ude	Elev. ((m)	Acreage	e	Pit	t Size	D	OGAMI	Permit #	
44°07'43	3.31155"	123°01'59.	.63685"	191.8	77	19.4		1	NA				
						Commen	ts						
GPS acquire	ed along the	fence line on	the north	side of th	ne pro	perty.							
Rock T	Type	U	nit		Cole	or	V	Veatheri	ng		Joi	nting	
Basa	alt	Tib ii	n Tfee		NA	1	Slig	ht to Moo	derate		Undet	ermined	
		Quality				Hardness	IJ	bs./cu ft.	Res	serve (cy)	R	eserve (To	ns)
Unknown R3 120													
Potentially Significant Site Why Ground is flat plus the easement would have to be developed. Rock Open/Closed Direction													
No)	Ground is flat not proven.	plus the	easement	wou	ld have to be	develo	ped. Roc	ck	Closed	N.	A	
		•			A	Adjacent Lar	ıd Use						
Forest/Farm	ning					· ·							
						Remark	s						
property. The bottom flat s value at this	here is no ac site. I see no s site. Easem	evaluate the rocecess to this sit to value in the great was from the hill that w	e from ar ground he I-5 and is	ny road ex ere. Prope s no longe	cept rty is r evic	I-5. The ground landlocked. Addent. The pro	nd wit Adjace perty i	th the rocent proper s flat wit	k on it has b rty sold for t	een sold, an imber value	d we are. There is	left with the some timb	e er
202B	203B	211		Fine		06 Coarse		08 F	208 F H	t. 20	08 C	208 C	Ht.
	2.74	15.1				1.3							
,						Material l	Use						



Looking northwest at the potential quarry site adjacent to the hillside.





Aerial view of the site in relation to the surrounding property.

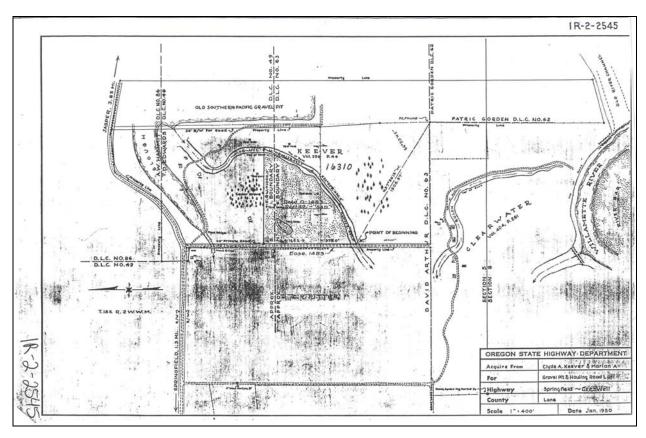
County			Si	te Name			Dist	Hwy	Mile Pt	TWP	RGE	Sect	
Lane			K	eever Pit			05	0222	1.4	18S	02.0W	05	
	File ID			Source #	Date Vi	sited		I	Лар #		Type of	f Site	
16	310, Q14	453		20-054-3	3/22/1	.999		1R	-2-2545		Borre	ow	
Latitude		L	ongitude	Elev. (m)	Acrea	ige	Pi	t Size		DOGAMI	Permit #		
44°01'55.999	24"	122°:	57'01.16914"	153.471	15]	NA		20-0	077		
					Comm	ents							
GPS acquired at	the north	ıwest c	orner of the p	roperty.									
Rock Type		Unit		Color		,	Weatheri	ing		Joi	nting		
Volcanic Gravel Qs NA													
Quality Hardness lbs./cu ft. Reserve (cy) Reserve (Tons)													
	Quality Hardness lbs./cu ft. Reserve (cy) Reserve (Tons) Good NA 120 160,000 259,200												
Potentially				Why				Open/	Closed]	Direction		
Significant Sit													
No	S	mall or	ne time remov	al, adjacent to				Clo	sed	NA			
					Adjacent L	and Use	e						
Residential/Farm	ning												
					Rema	rks							
This site is locate and less. The gro to 90% gravel. T the home owners want to use this s	ound has here is li adjacen	been w	orked in the proom to work	past by the evic and no screeni	lence of the ng at this lo	hummo cation.	cky terrai Γhe acces	n. It appea s to this si	rs that there e is on a priv	are about 1 vate drive t	0% sand/or hat is share	rganics d by	





Looking south at the site within the trees.

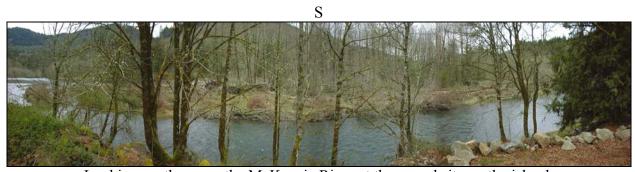
Close-up view of the gravel with the hammer for scale.



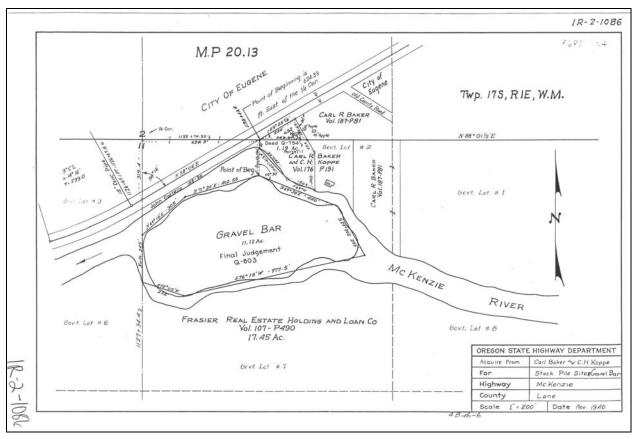


Aerial view of the site and the access road (upper arrow).

County	7		Sit	e Name				Dist	Hwy	y	Mile Pt	TWP	RGE	Sect
Lane			Ва	ker Bar				05	0013	5	21	17S	01.0E	11
	File I	D		Source #		Date Visit	ed			Map	#		Type of	f Site
"086	682, 08683, 0	08684 Q803"		20-069-3	3	3/22/199	99			1R-2-1	086		Grav	el
Lati	itude	Longi	tude	Elev. (m	1)	Acreage	9	Pit	t Size		D	OGAMI	Permit #	
44°06'4′	7.03719"	122°39'08	3.98135"	215.571		11.12]	NA					
						Commen	ts							
GPS acquir	red at the acc	ess road to th	e stock pi	ile site.										
Rock	Type	Unit		Color			,	Weatheri	ng			Joi	nting	
Volcanio	c Gravel	Qal		NA				NA				Ŋ	ĪΑ	
Quality Hardness lbs./cu ft. Reserve (cy) Reserve (Tons) Good NA 120 48 000 77 760														ıs)
Good NA 120 48,000 77,760														
Potentially Significant Site Why Open/Closed Direction														
No	0	Would need	to constru	ct an easem	ent to	the island		NA		In the	middle of	the McKe	nzie River.	
					Adj	jacent Lar	nd Use	e						
Residential	l/Forest													
						Remark	s							
screening a		nd in the mide m to work at igation.												lmon
202B	203B	211	206	Fine	206	Coarse	2	208 F	208	F Ht.	2	08 C	208 C	Ht.
]	Material U	Jse							



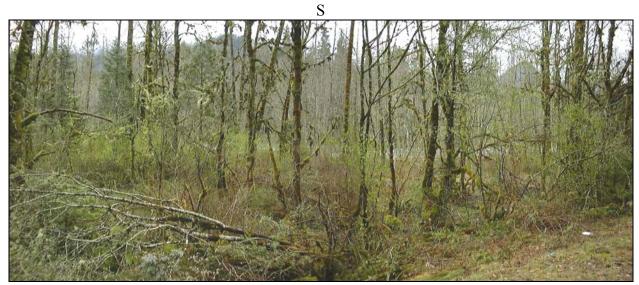
Looking south across the McKenzie River at the gravel site on the island.



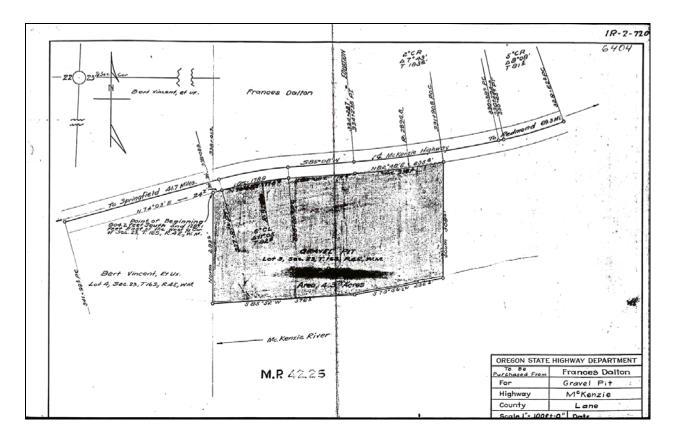


Aerial view of the island in the McKenzie River.

County			Si	te Name				Dist	Hw	/y	Mile Pt	TWP	RGE	Sect
Lane			Da	ılton Bar				05	001	5	43.3	16S	04.0E	23
	File ID)		Source #	Da	te Visite	ed			Map	#		Type of	f Site
	06404			20-074-3	3	3/23/199	9			1R-2-	720		Grav	/el
Latitude		L	ongitude	Elev. (m)	ı A	Acreage		Pit	t Size		Ι	OGAMI	Permit #	
44°09'38.730	"000	122°1	17'47.82000"	365		4.37		1	NA					
					C	omment	S							
Lat. and Long. a	cquired i	using Te	errain Naviga	tor Software										
Rock Type	•	Unit	_	Color			7	Veatheri	ng			Joi	nting	
Volcanic Grav	vel	Qal		NA				NA				1	NΑ	
Quality Hardness lbs./cu ft. Reserve (cy) Reserve (Tons) NA NA 120 25 000 40 500														ns)
NA NA 120 25,000 40,500														
Potentially Significant Site Why Open/Closed Direction														
No	S	Small ac	reage.					Closed		McKe	nzie River	is adjace	nt.	
					Adjac	ent Lan	d Use							
Residential														
					R	Remarks	;							
This site is adjact around the ground would need to lo	nd is all r	natural v	with no visibl	e disturbance	It is ab	out 5 fee	t abo	ve the Mo	cKenz	ie River	, and 5 fe	et below I	Highway 12	
202B 20	3B	211	200	Fine	206 Co	arse	20	08 F	20	8 F Ht.	2	08 C	208 C	Ht.
					Ma	terial U	se							



View of the area between the river and the highway.





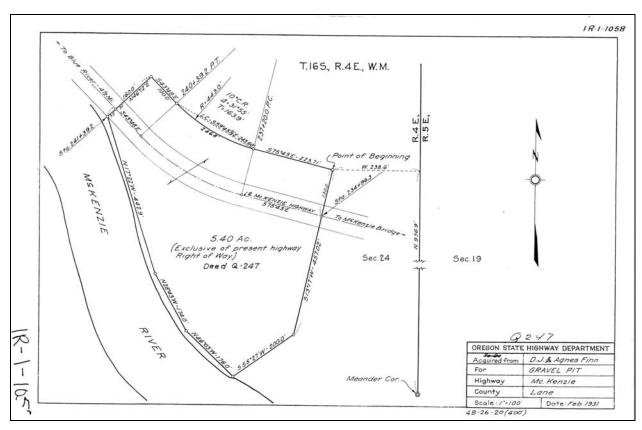
Aerial view of the area between the McKenzie River and Highway 126.

Fine Fine Fine Bar Source # Date Visite Map # Type of Site	County			Si	te Name			Dist	Hwy	Mile Pt	TWP	RGE	Sect		
Q0247 Q1-075-3 3/28/1999 1R-1-1058 Gravel	Lane			F	inn Bar			05	0015	45.2	16S	04.0E	24		
Latitude Longitude Elev. (m) Acreage Pit Size DOGAMI Permit #		File I	D		Source #	Dat	te Visited		M	ap #		Type o	f Site		
Adv 10'01.70882" 122°16'03.94359" 357.944 5.4		Q024	7		20-075-3	3	/28/1999		1R-1	-1058		Grav	/el		
GPS acquired at the western part of the property. Rock Type	Lati	itude	Lo	ngitude	Elev. (m) A	Acreage	Pit	t Size	I	OOGAMI	Permit #			
GPS acquired at the western part of the property. Rock Type	44°10'01	1.70882"	122°10	6'03.94359"	357.944	ļ	5.4]	NA						
Rock Type						Co	omments								
Volcanic Gravel Qal NA NA NA NA Quality Hardness Ibs./cu ft. Reserve (cy) Reserve (Tons) Good to Fair NA 120 30,000 48,600 Potentially Significant Site No Small narrow property. Closed Adjacent to the McKenzie River. Adjacent Land Use Forest Remarks This property is the eastern most site (Region 2) on Highway 58. It is situated on the old highway alignment adjacent to the McKenzie River. The material is composed of very large boulder size and less gravel. There is less than 5% sand here. This site is situated next to a high energy environment along the river. The ground is on the outside of the river radius. That means that the river will continue to remove our ground and move towards the highway. There is no screening and little room to work. The gravel would be difficult to crush due to the size. There is no room for Maintenance to use this site due to the narrow nature of the ground. This site would be good to hold on to for river protection/slope stability. There is a small stand of cedars and firs on the property. 202B 203B 211 206 Fine 206 Coarse 208 F 208 F Ht. 208 C 208 C Ht.	GPS acquir	ed at the we	stern part	of the proper	rty.										
Potentially Significant Site Why Open/Closed Direction	Rock '	Type	Unit		Color			Weatheri	ing		Joi	nting			
Good to Fair NA 120 30,000 48,600 Potentially Significant Site No Small narrow property. Closed Adjacent to the McKenzie River. Adjacent Land Use Forest Remarks This property is the eastern most site (Region 2) on Highway 58. It is situated on the old highway alignment adjacent to the McKenzie River. The material is composed of very large boulder size and less gravel. There is less than 5% sand here. This site is situated enerty on the outside of the river radius. That means that the river will continue to remove our ground and move towards the highway. There is no screening and little room to work. The gravel would be difficult to crush due to the size. There is no room for Maintenance to use this site due to the narrow nature of the ground. This site would be good to hold on to for river protection/slope stability. There is a small stand of cedars and firs on the property. 202B 203B 211 206 Fine 206 Coarse 208 F 208 F Ht. 208 C 208 C Ht.	Volcanic	: Gravel	Qal		NA			NA			1	NΑ			
Potentially Significant Site No Small narrow property. Closed Adjacent to the McKenzie River. Adjacent Land Use Forest Remarks This property is the eastern most site (Region 2) on Highway 58. It is situated on the old highway alignment adjacent to the McKenzie River. The material is composed of very large boulder size and less gravel. There is less than 5% sand here. This site is situated next to a high energy environment along the river. The ground is on the outside of the river radius. That means that the river will continue to remove our ground and move towards the highway. There is no screening and little room to work. The gravel would be difficult to crush due to the size. There is no room for Maintenance to use this site due to the narrow nature of the ground. This site would be good to hold on to for river protection/slope stability. There is a small stand of cedars and firs on the property. 202B 203B 211 206 Fine 206 Coarse 208 F 208 F Ht. 208 C 208 C Ht.			Quality			Hard	lness	lbs./cu ft.	Re	serve (cy)	R	eserve (To	ns)		
Significant Site No Small narrow property. Closed Adjacent to the McKenzie River. Adjacent Land Use Forest Remarks This property is the eastern most site (Region 2) on Highway 58. It is situated on the old highway alignment adjacent to the McKenzie River. The material is composed of very large boulder size and less gravel. There is less than 5% sand here. This site is situated next to a high energy environment along the river. The ground is on the outside of the river radius. That means that the river will continue to remove our ground and move towards the highway. There is no screening and little room to work. The gravel would be difficult to crush due to the size. There is no room for Maintenance to use this site due to the narrow nature of the ground. This site would be good to hold on to for river protection/slope stability. There is a small stand of cedars and firs on the property. 202B 203B 211 206 Fine 206 Coarse 208 F 208 F Ht. 208 C 208 C Ht.	Potentially														
Forest Remarks This property is the eastern most site (Region 2) on Highway 58. It is situated on the old highway alignment adjacent to the McKenzie River. The material is composed of very large boulder size and less gravel. There is less than 5% sand here. This site is situated next to a high energy environment along the river. The ground is on the outside of the river radius. That means that the river will continue to remove our ground and move towards the highway. There is no screening and little room to work. The gravel would be difficult to crush due to the size. There is no room for Maintenance to use this site due to the narrow nature of the ground. This site would be good to hold on to for river protection/slope stability. There is a small stand of cedars and firs on the property. 202B 203B 211 206 Fine 206 Coarse 208 F 208 F Ht. 208 C 208 C Ht.	Potentially Significant Site Why Open/Closed Direction														
Forest Remarks This property is the eastern most site (Region 2) on Highway 58. It is situated on the old highway alignment adjacent to the McKenzie River. The material is composed of very large boulder size and less gravel. There is less than 5% sand here. This site is situated next to a high energy environment along the river. The ground is on the outside of the river radius. That means that the river will continue to remove our ground and move towards the highway. There is no screening and little room to work. The gravel would be difficult to crush due to the size. There is no room for Maintenance to use this site due to the narrow nature of the ground. This site would be good to hold on to for river protection/slope stability. There is a small stand of cedars and firs on the property. 202B 203B 211 206 Fine 206 Coarse 208 F 208 F Ht. 208 C 208 C Ht.	Significant Site 2														
This property is the eastern most site (Region 2) on Highway 58. It is situated on the old highway alignment adjacent to the McKenzie River. The material is composed of very large boulder size and less gravel. There is less than 5% sand here. This site is situated next to a high energy environment along the river. The ground is on the outside of the river radius. That means that the river will continue to remove our ground and move towards the highway. There is no screening and little room to work. The gravel would be difficult to crush due to the size. There is no room for Maintenance to use this site due to the narrow nature of the ground. This site would be good to hold on to for river protection/slope stability. There is a small stand of cedars and firs on the property. 202B 203B 211 206 Fine 206 Coarse 208 F 208 F Ht. 208 C 208 C Ht.		a a a a a popular y													
This property is the eastern most site (Region 2) on Highway 58. It is situated on the old highway alignment adjacent to the McKenzie River. The material is composed of very large boulder size and less gravel. There is less than 5% sand here. This site is situated next to a high energy environment along the river. The ground is on the outside of the river radius. That means that the river will continue to remove our ground and move towards the highway. There is no screening and little room to work. The gravel would be difficult to crush due to the size. There is no room for Maintenance to use this site due to the narrow nature of the ground. This site would be good to hold on to for river protection/slope stability. There is a small stand of cedars and firs on the property. 202B 203B 211 206 Fine 206 Coarse 208 F 208 F Ht. 208 C 208 C Ht.	•														
The material is composed of very large boulder size and less gravel. There is less than 5% sand here. This site is situated next to a high energy environment along the river. The ground is on the outside of the river radius. That means that the river will continue to remove our ground and move towards the highway. There is no screening and little room to work. The gravel would be difficult to crush due to the size. There is no room for Maintenance to use this site due to the narrow nature of the ground. This site would be good to hold on to for river protection/slope stability. There is a small stand of cedars and firs on the property. 202B 203B 211 206 Fine 206 Coarse 208 F 208 F Ht. 208 C 208 C Ht.						R	emarks								
protection/slope stability. There is a small stand of cedars and firs on the property. 202B 203B 211 206 Fine 206 Coarse 208 F 208 F Ht. 208 C 208 C Ht.	The materia energy envi ground and	al is compos ironment alo move towar	ed of very ng the rive ds the hig	large boulder. The ground hway. There	er size and le nd is on the o is no screen	ess gravel outside of ing and li	. There is lest the river ractitle room to	s than 5% lius. That work. The	sand here. means that e gravel wo	This site is a the river will ald be diffic	situated ne Il continue ult to crus	ext to a high to remove h due to the	our e size.		
202B 203B 211 206 Fine 206 Coarse 208 F 208 F Ht. 208 C 208 C Ht.									Tills site we	uiu oc good	i to noid o	11 10 101 1110	,1		
Material Use	_							_	208 F H	It. 2	208 C	208 C	Ht.		
Material Use															
				•		Ma	terial Use					•			

SE



Looking southeast along the access road, with the McKenzie River adjacent to the right.





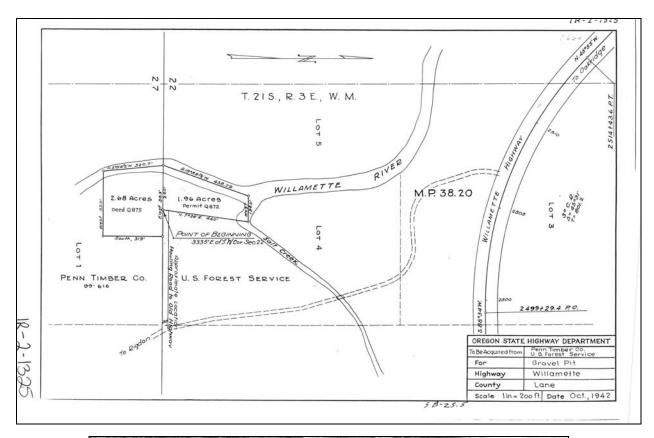
Aerial view of the property between Highway 126 and the McKenzie River.

County			Sit	e Name				Dist	Hv	yy :	Mile Pt	TWP	RGE	Sect	
Lane			Penn 7	Timber Baı				05	00	18	37.2	21S	03.0W	27,22	
	File I	D		Source #		Date Visit	ed			Map	#		Type o	of Site	
	1074	4		20-085-	3	4/08/199	99			1R-2-1	325		Gra	vel	
Latitude	,	Lo	ngitude	Elev. (1	n)	Acreage	9	Pit	t Size			DOGAM	I Permit #		
43°43'28.280	000"	122°26	5'09.89000"	420		2.68		1	NA						
						Commen	ts								
Lat. and Long. a	cquire	d using Ter	rrain Navigat	or Softwar	e										
Rock Type	e	Unit		Color			V	Veatheri	ing			Jo	inting		
Volcanic Gra	vel	Qal		NA				NA					NA		
		Quality]	Hardness]]	bs./cu ft.		Res	erve (cy)	I	Reserve (To		
	Fair to Good NA 120 30,000 48,600 Potentially Why Open/Closed Direction														
•	Significant Site Wny Open/Closed Direction														
No	No Small acreage. Closed Adjacent to the Willamette River.														
	Adjacent Land Use														
Forest/Private q	Forest/Private quarry adjacent east.														
						Remark									
This small site i ground is border dominant size is highway with plopen to the publisher property.	red by to around lenty of	he Willam I 10 centim room to w	ette River on neters. There ork. This site	the west s would be a e is flat and	ide anabout	nd a county and a county and 40 % of sand ld be used by	road oi d/orga y Main	n the east nics by v tenance t	t side. volume for var	From to here. ' ious re	he gravel There is r asons. Th	that is exp no screening nis site is r	posed it app ng from the not fenced a	nears the	
202B 20	3B	211	206	Fine	200	6 Coarse	20	08 F	20	8 F Ht		208 C	208	C Ht.	
2.	.73	28.2													
						Material U									
						Oiling aggre	egate								

W



Looking west at the property in the foreground.



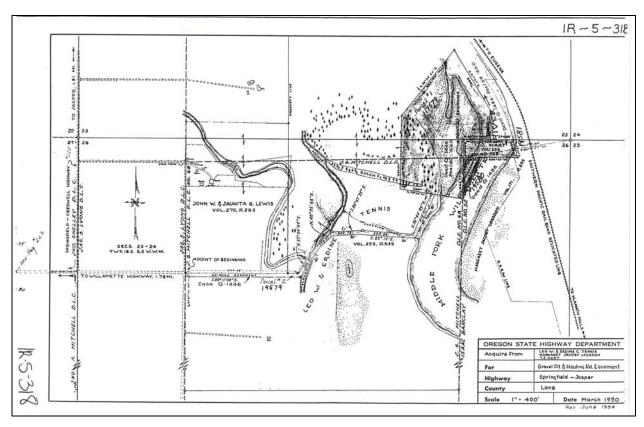


Aerial view of the site and the surrounding ground, adjacent to the Willamette River.

County			S	ite Name				Dist	H	wy	Mile Pt	TWP	RGE	Sect	
Lane			T	ennis Bar				05	02	22	6.9	18S	02.0W	23	
	File I	D		Source #	ŧ .	Date	Visited	1		Map	#		Type of	f Site	
	1957	9		20-091-	-3	3/2	23/1999			1R-5-3	Gravel Gravel				
Latitude	9	L	ongitude	Elev. (m)	Ac	creage	I	it Size		DOGAMI Permit #				
43°58'41.39	82"	122°5	54'07.13687'	171.27	77	1	23.5		NA						
Comments															
GPS acquired at easement and Wheeler Road.															
Rock Type Unit Color								Weathe	ring			Joi	nting		
Volcanic Gra	olcanic Gravel Qal NA							NA					NΑ		
Quality Hardness								lbs./cu f	t.		ve (cy)	eserve (Tor			
	Good							120		10	50,000		259,200		
Potentially Significant S				Why				Open/Cl	osed		Direction				
No			ound but the tte Valley class.					Close	d		Adjacent to the Middle Fork of the Willamette River.				
					A	Adjacen	nt Land	Use							
Farming															
						Re	marks								
There is no dist about 40% orga is some screening	This site is located southeast of Springfield on the Middle Fork of the Willamette River. The property is within the floodplain of the river. There is no disturbance at this location. The gravel exposed here is cobble size and less with the dominant size about 10 centimeters. There is about 40% organics/sand size particles at the site. The property is all overgrown in vegetation. The easement is through a private farm. There is some screening and room to work at this site. This site has potential as a wetland/salmon mitigation site. This site is quite large, with potential for rock removal. The adjacent property owner has expressed interest in purchasing the ground for expansion of his Christmas tree														
)3B	211	. 20	6 Fine	20	06 Coar	rse	208 F	20	08 F Ht.	2	08 C	208 C	Ht.	
2	.82	17.4					18.8		0.5						
						Mate	erial Us	e							



Looking northwest at the gravel bar along the Middle Fork of the Willamette River.





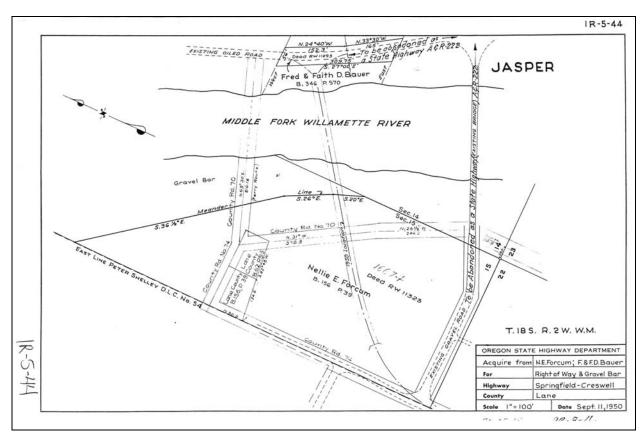
Aerial view of the gravel site along the Middle Fork of the Willamette River.

The access point is in the lower left hand corner of the image.

Coun	ty		Si	ite Name				Dist	Hwy	I	Mile Pt	TWP	RGE	Sect	
Lane	2		Jaspe	r Bridge Bar				05	0222		5.3	18S	02.0W	15	
	File	ID		Source #	Dat	e Visi	ted			Map:	#		Type of	f Site	
	1667	74		20-092-3	3.	/22/19	99			1R-5-4	14		Gravel		
La	ntitude	Lo	ongitude	Elev. (m)	A	creag	e	Pi	t Size		D	OGAMI	Permit #		
43°59'	'50.03000"	122°5	4'27.26000"	161		5.21		NA							
	Comments														
Lat. and I	Lat. and Long. acquired using Terrain Navigator Software														
Roc	Rock Type Unit Color						V	Veather	ing			Joi	nting		
Volcar	nic Gravel	Gravel Qal NA						NA				N	NA		
		Hard	ness	11	bs./cu ft.		Reser	ve (cy)	R	Reserve (Tons)					
NA NA								120		3	30,000 48,600				
	entially Why Open/C							osed				rection			
1	No	Small acı	reage, bridge	e bisects the pr	operty.		Closed	d Adjacent to the Middle Fork of the Willamette River.						te	
					Adjace	nt Lai	nd Use								
Residenti	al														
					R	emark	S								
very high developm mitigation	This site is located on the west side of the Middle Fork of the Willamette River. A new bridge at this location bisects the ground. There is a very high percentage (80%) of sand and organics here. Most of the property is over grown with vegetation. There is a new residential development adjacent to the south and the entrance to the County park is adjacent to the north. This site might have wetland mitigation/salmon recovery potential. This site is open and used by the public under the bridge. There is no screening and limited to no room to work. The results for the Liquid Limit test was 23%.														
202B	203B	211	20	6 Fine	206 Coa	rse	20	08 F	208 1	F Ht.	2	08 C	208 C	Ht.	
	2.78	17.2					().4							
					Mat	terial l	Use								



Looking west at the site across the Middle Fork of the Willamette River.





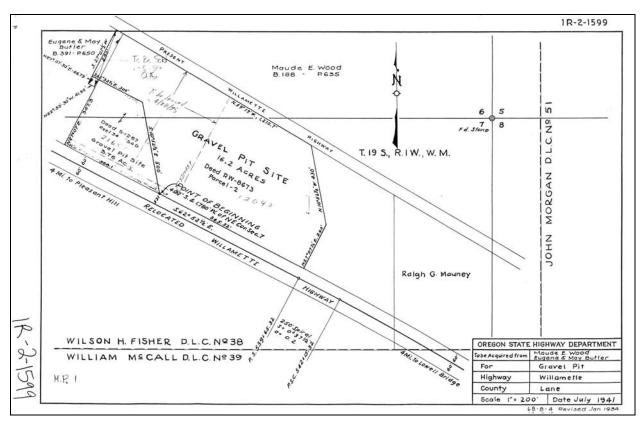
View of the gravel under the bridge at the site adjacent to the Middle Fork of the Willamette River.

County			Si	te Name			Dist	Hwy	Mile Pt	TWP	RGE	Sect	
Lane			В	utler Pit			05	0018	8.9	19S	07.0W	06	
	File II	D		Source #	Date Vis	ited		N	lap#		Type o	f Site	
	12042	2		20-093-3	3/24/1	999		1R-2-1599 Borro					
Latitude		Lo	ongitude	Elev. (m)	Acrea	ge	Pit	t Size		DOGAMI	I Permit #		
43°56'22.510	43°56'22.51684" 122°51'10.9723" 193						<7	acres		20-0	155		
Comments													
GPS acquired along the county road.													
Rock Typ		Unit		Color		1	Weatheri	ing		Jointing			
Volcanic Gra	vel	Qs		NA			NA			1	VΑ		
Quality Hardness							bs./cu ft. 120	R	eserve (cy)	R	eserve (Tons)		
	Unknown NA								165,000		267,300		
Potentially Significant S				Why		C	pen/Clo	sed		Directio	n		
No		Limited g	ground, wetla	nd potential.			Closed	NA					
					Adjacent La	nd Use	e						
Residential													
					Remar	ks							
This site is local of gravel adjacent to the e	nt to the	m. This s	site is all over	grown with v	egetation. Th	ere is a	park acro	ss the road	to the north	and a resi	dential area		
percentage (60% for Plastic Limi	6) of org	ganics her	re. It might be	e possible to r	emove 10 acr							sults	
	3B	211					08 F	208 F	At	208 C	208 C	Ht	
	.74	11.8			200 Course	_	UU 1	2001		_03 0	200 C	-14	
					Material	Use							

NW SE



180 degree view of the site and the ponds from past work.



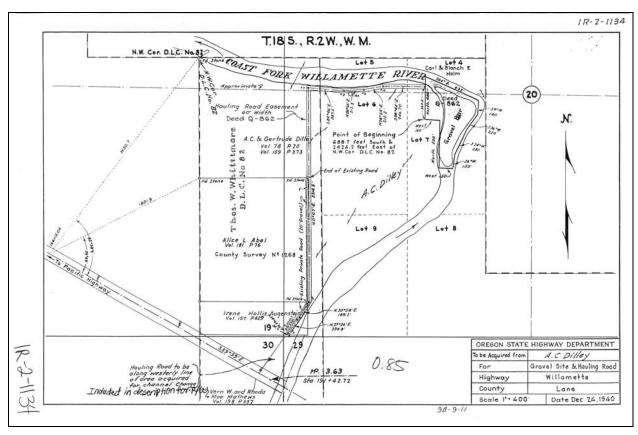


Aerial view of the site in relation to the surrounding area. Highway 58 traverses the middle of the image.

Count	ty		Sit	te Name				Dist	Hwy	M	lile Pt	TWP	RGE	Sect	
Lane			Di	lley Bar				05	0018		2.4	18S	02.0W	20	
	File l	D		Source #	Da	te Visite	ed		ľ	Лар #			Type of	f Site	
	0900	18		20-094-3	3	3/24/199	9		1R	-2-113	34		Grav	/el	
La	titude	L	ongitude	Elev. (m) 1	Acreage		Pit	t Size		Γ	OGAMI	Permit #		
43°59'	'19.4025"	151.033		10.4		1	NA			20-0	156				
Comments															
GPS acquired at easement gate on Dilley Lane. Rock Type Unit Color Weathering Jointing															
	к Туре	Unit				V	Veatheri	ng				nting			
Volcan	ic Gravel	Qal					NA				NA				
Quality Hardness								<u>bs./cu ft.</u> 120	F	Reserve (cy)			Reserve (Tons)		
	Good NA									25	,000		40,500		
	ntially cant Site		Why		Ope	en/Close	d	Direction							
N	lo	Small gro	ound, no roon	n to work.	(Closed		Adjace	ent to the C	Coast I	ork of	the Willar	nette River		
					Adjac	ent Lan	d Use								
Residentia	al														
					F	Remarks									
This site is located on the inside radius of the Coast Fork of the Willamette River. The property is partially in the river. We would need a new survey to determine accurate boundary locations. There is a large clean gravel bar there now. The dominant size is cobble and less, with virtually no sand. There is good screening but no room to work at this location. The property is bordered by residential homes. The ground that the easement is through is on the market to be sold. This site has mitigation potential. Bedrock is very close to the surface here. The results for the Sand Equivalent was 90.															
202B	203B	211	206	Fine	206 Co	arse	20	208 F 208 I		Ht.	2	08 C	208 C	Ht.	
		19.0					1	1.7	1.2						
					Ma	aterial U	se								



Looking to the northeast at the gravel bar in the Coast Fork of the Willamette River.



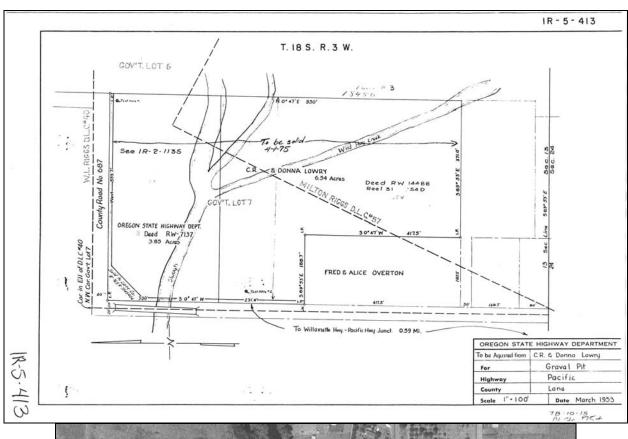


Aerial view of the gravel bar and the access point.

County			Si	te Name				Dist	Hw	/y	Mile Pt	TWP	RGE	Sect		
Lane			L	owry Pit				05	000)1	188.5	18S	03.0W	13		
	File ID)		Source #	Da	te Visit	ed			Map	#		Type of	f Site		
	18450			20-099-3	3	3/24/199	9			1R-5-	-413 Gravel					
Latitude		L	ongitude	Elev. (m)	F	Acreage		Pit	t Size		Ι	OGAMI	Permit #			
43°59'59.690	43°59'59.69000" 123°00'14.57000" 1					6.54]	NA							
Comments																
Lat. and Long. a	cquired 1	using To	errain Naviga	tor Software												
Rock Type Unit Color							V	Veatheri	ing	Map # Type of Sit						
Alluvium	Alluvium Qal NA							NA			188.5 18S 03.0W 13 App# Type of Site 5-413 Gravel DOGAMI Permit # Jointing NA Serve (cy) Reserve (Tons) Direction Hog Creek bisects property. Point of the Plasticity By the property of the Plasticity of the Plasticity					
	Haro	dness	1)	lbs./cu ft. Reserve (cy)				Reserve (Tons)								
		NA			N	A		120								
Potentially Significant Si				Why			О	pen/Clo	sed	Direction						
No	Ι	Depleted	d					Closed		Wild Hog Creek bisects property.						
					Adjac	ent Lan	d Use									
Residential																
					R	Remarks	S									
This site is locat	ted just n	orth of	Highway 58 a	and the I-5 jur	ction. It	t is surro	ounde	d by resid	lential	homes,	and appea	ars to be d	lepleted. W	ild		
				grown with v	egetatio	n. This i	is a cla	assic exa	mple o	f a wetl	and site.	The result	for the Plas	sticity		
Index was 11%	and Liqu	id Limi	t was 35%.													
	3B	211		Fine	206 Co	arse	20	08 F	20	8 F Ht.	2	08 C	208 C	Ht.		
2.	.71	20.9)													
					Ma	terial U	se									



Looking southeast at the gravel site around Wild Hog Creek.





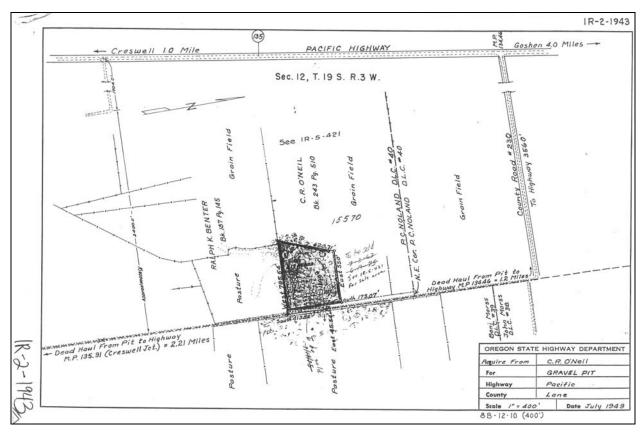
Aerial view of the site and surrounding area.

Interstate 5 and Highway 58 intersect in the lower left corner of the image.

Count	y		Sit	e Name				Dist	Hw	y	Mile Pt	TWP	RGE	Sect		
Lane			At Cres	well Airpor	t			05	000)1	183.8	19S	03.0W	12		
	File I	D		Source #	Da	te Visit	ed			Map	#		Type of	f Site		
	1557	0		20-100-3	3 4	4/21/199	9		1R-5	5-421, 1	R-2-1943		Borre	ow		
La	titude	Lo	ngitude	Elev. (m	1)	Acreage	,	Pit	t Size		I	OGAMI	Permit #			
43°55':	50.97153"	0'03.43409"	162.652	!	9.19]	NA								
Comments																
GPS acquired at the access point along the county road.																
Rock	к Туре	Unit		Color			V	Veatheri	ing			Joi	nting			
Volcan	ic Gravel	Qs		NA				NA				1	NA			
	Har	dness	1)	bs./cu ft.		Rese	rve (cy)	R	eserve (Tons)							
		120														
	ntially	Why							sed			Directio	n			
	ant Site			,,,			Ů	•				2110000	•			
N	lo	Depleted	gravel					Closed		NA						
F : //	~ 11 .·				Adjac	ent Lan	d Use	!								
Farming/C	Creswell Airp	ort			_											
						Remark	~									
	s located adja															
	tation. There															
	vaste site to re															
	nis site in the									n 5,000	feet of a r	non-contro	ol tower and	i		
	et from a cont											***				
202B	203B	211	206	Fine	206 Co	arse	20	08 F	203	8 F Ht.	2	08 C	208 C	Ht.		
		L					*									
					Ma	aterial U	Jse									



Looking northwest at the borrow site from the County road.



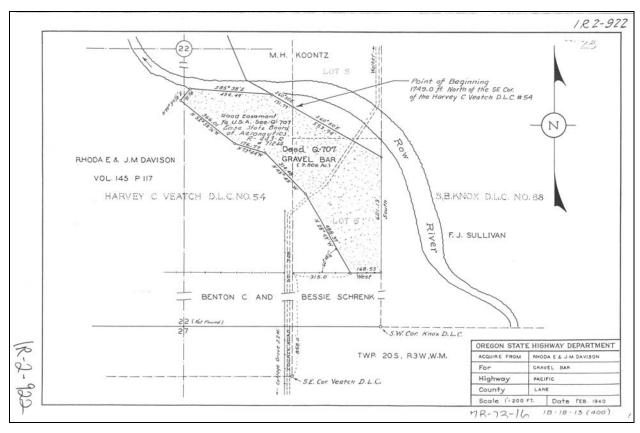


Aerial view of the borrow site in relation to the Creswell Airport.

County	y		Sit	e Name			Dist	Hw	y	Mile Pt	TWP	RGE	Sect
Lane			Dav	idson Bar			05	000	1	175.4	20S	03.0W	22
	File 1	D		Source #	Date V	visited			Map	#		Type of	Site
	0772	28		20-106-3	3/25	/1999			1R-2-9	922		Grav	el
Lat	titude	L	ongitude	Elev. (m)	Acr	eage	Pi	t Size		D	OGAMI	Permit #	
43°48'4	1.85000"	123°0	02'07.83000"	183	9	8]	NA					
					Comi								
GPS not ac	equired at the	is location	n. The access i	s through the	Airport, no	xt to the	runway.						
	Туре	Unit		Color			Weatheri	ing				nting	
Volcani	c Gravel	Qal		NA			NA				_	NΑ	
		Quality	у		Hardne	S	lbs./cu ft.			rve (cy)	R	eserve (Tor	
		NA			NA		120		7	75,000		121,500	
Potent Significa				Why			Open/Clo	sed			Directio	n	
No	o	Small ac residenti	reage, proxim al area.	ity to golf co	urse and		Closed		Adjace	nt to the I	Row Rive	r	
					Adjacent	Land Us	e						
Golf Cours	se/Retiremer	t Develop	ment										
					Rem	arks							
was limited no screenir residential	d exposures ng and no ro	to evaluat om to won t in this a	cent to I-5 on e the gravel d rk at this site. rea. This site	ue to the veg This site sho	etation cove ald have a r	r. The gr ew surve	avel that vey done to	was exp	posed is nine the	around co	obble size es with the	and less. To golf cours	here is a and
202B	203B	211		Fine	206 Coarso	2	208 F	208	8 F Ht.	2	08 C	208 C	Ht.
	2.76	15.4:	5		1.5								
			•		Mater	al Use							



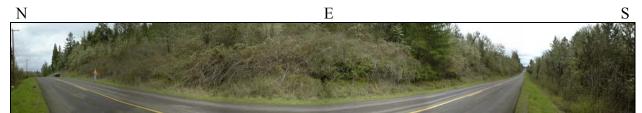
Looking northwest at the ground adjacent to the Row River.



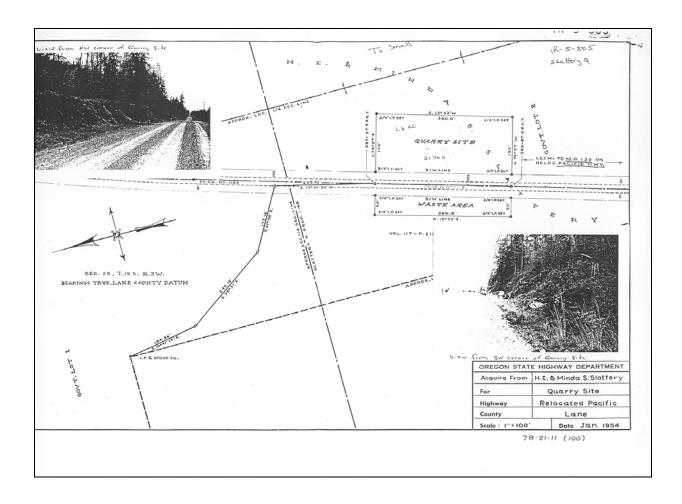


Aerial view of the gravel site along the Row River. Interstate 5 is along the middle portion of the image.

County			Sit	e Name				Dist	Hv	vy	Mile Pt	TWP	RGE	Sect
Lane								05	00	01	0	19S	03.0W	25
	File II	D		Source #	Da	te Visited				Maj	p #		Type of	f Site
	21700)		20-108-3	0	3/28/2001				1R-5	-505		Raw I	and
Latitud	e	Long	gitude	Elev. (m)) A	Acreage		Pit	Size			DOGAMI	Permit #	
43°53'27.28	000"	123°00'	10.75000"	175		1.6		1	NA					
					C	omments								
Lat. and Long.	acquired	using Terra	ain Navigat	or Software										
Rock Typ	e	Unit		Color			W	/eatheri	ng			Joi	nting	
Basalt		Tfe	Medium 1	Dark Grey (1	N4)			NA				1	NΑ	
		Quality			Hard	lness	lb	s./cu ft.		Res	erve (cy)	R	eserve (Toi	ıs)
		Good			N	A		150			8,000		16,200	
Potentially Significant S				Why			Ol	pen/Clos	sed			Direction	n	
No		Too small						Closed		West	approxim	ately 200 f	eet	
					Adjac	ent Land l	Use							
Rural Resident	ial													
					F	Remarks								
Raw land, adja- overburden. N (approximately	o screeni													t of
202B 2	03B	211	206	Fine	206 Co	arse	20	8 F	2()8 F Ht		208 C	208 C	Ht.
					Ma	terial Use	:							



View of the raw land site located adjacent to Sears County Road.

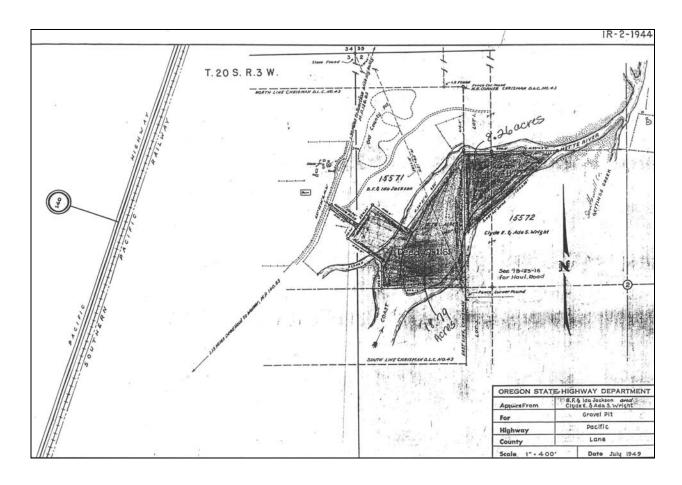


County			Sit	e Name				Dist	Hv	vy	Mile Pt	TWP	RGE	Sect
Lane			Jac	kson Bar				05	000	01	178.8	20S	03.0W	02
	File I	D		Source #	Da	te Visit	ed			Maj	p #		Type of	f Site
1.	5571, 13	5572		20-110-3	3	3/25/199	99			1R-2-	1944		Grav	el
Latitude	!	Longi	itude	Elev. (m)	A	Acreage	,	Pit	Size		I	OOGAMI	Permit #	
43°51'41.450	000"	123°01'40	0.17000"	176		27.05		1	NA					
Lat. and Long. a	cquired	using Terrai	n Navigat	or Software										
Rock Type		Unit		Color			V	Veatheri	ng			Joi	nting	
Volcanic Gra	vel	Qal		NA				NA				1	NΑ	
		Quality				lness	l	bs./cu ft.			erve (cy)	R	eserve (To	
		NA			N.	Α		120			80,000		129,600	
Potentially Significant Si				Why			0	pen/Clo	sed			Directio	n	
No		Island in the	river.					NA		In the	Coast For	k of the W	/illamette R	liver.
					Adjace	ent Lan	d Use							
State Park/Farm	ing													
					R	Remark	s							
This site is locat	ted east	of Davison C	County Ro	ad in the mid	ldle of th	ne Coas	t Fork	Willame	tte Ri	ver. The	e majority	of the pro	perty is wit	hin the
boundaries of th														
property and conground is not the														
	3B	211			206 Coa			08 F		8 F Ht		208 C	208 C	Ht
2325			200		_30 00				20	V 1 11t			200 €	
	l				Ma	terial U	Jse						<u> </u>	



Aerial view of the gravel site within the Coast Fork of the Willamette River.

Interstate 5 is shown in the lower right corner.

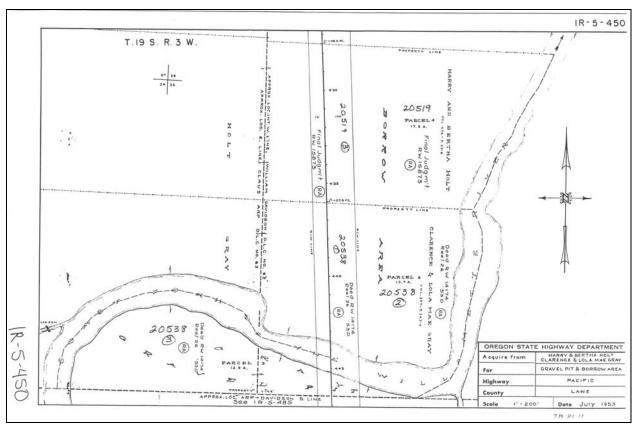


Coun	tv		Si	te Name				Dist	Hwv	Mile Pt	TWP	RGE	Sect
Lane	;		G	ray Bar				05	0001	180	19S	03.0W	35
	Fi	le ID		Source #	Dat	e Visite	d		M	ap #		Type o	f Site
	20538	8, 20519		20-115-3	3/	/25/1999)		1R-5-450	, 1R-5-485		Grav	/el
La	titude	L	ongitude	Elev. (m)	A	creage		Pit	Size	Ι	OGAMI	Permit #	
43°52'	38.47000"	123°	00'46.86000"	171		43.8		N	NΑ				
					Co	mments	S						
Lat. and I	Long. acqu	ired using T	errain Naviga	tor Software									
	k Type	Unit		Color			W	eatherii	ng			nting	
Volcar	nic Gravel	Qal		NA				NA				NA	
		Qualit	y		Hard			s./cu ft.	Re	serve (cy)	R	eserve (To	
_		NA			N/	4		120		300,000		486,000	
Potenti Significa			Wh	y		О	pen/C	losed		_	irection		
No	1	No easemen	t to property,	I-5 bisects the	property	y.	Close	ed	Adjacen River.	t to and in th	e Coast F	ork Willam	iette
					Adjace	nt Land	l Use		_				
Farming/	Minor Resi	idential											
					R	emarks							
location.	There is no Bedrock i all overgro	screening a is close to th	and no room to e surface here	cked with no a o work at this e, and would rais site might l	location estrict th	. If we we depth	vant to of grav	utilize t el. The	his propert dominant s	y we would ize gravel is	need to do	evelop a ne nd less. The	w
202B	203B	211	206	Fine	206 Coa	rse	208	8 F	208 F H	[t. 2	08 C	208 C	Ht.
	2.75	18.1			4.8								
					Mat	terial Us	se						
										-		-	

SW NW



Looking west at the gravel site across the Coast Fork of the Willamette River.



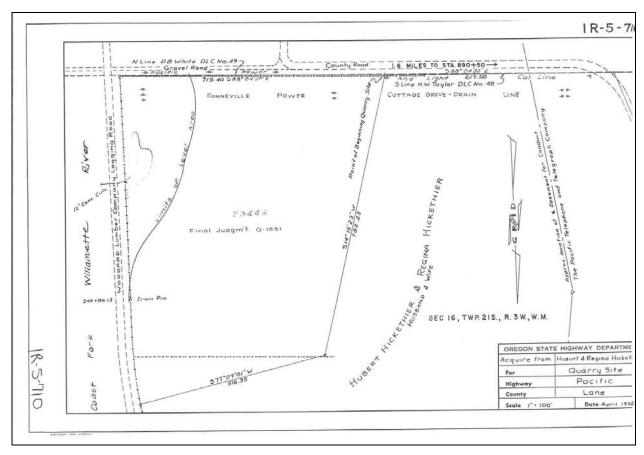


Aerial view of the gravel site adjacent to I-5 and the Coast Fork of the Willamette River.

County			Sit	te Name			Dist	Hw	y	Mile Pt	TWP	RGE	Sect
Lane			Hicket	thier Quarry			05	000	1	172.2	21S	03.0W	16
	File I	D		Source #	Dat	te Visited			Map	#		Type of	f Site
	2344	8		20-116-3	3	/23/1999			1R-5-7	710		Quar	ту
Lati	itude	L	ongitude	Elev. (m)) A	creage	Pit	t Size		Γ	OGAMI	Permit #	
43°44'49	9.26569"	123°(03'38.10632"	230.595		11.7	<1	acre					
					Co	mments							
GPS acquir	ed at access	point.											
Rock '	Type	Unit		Color			Weatheri	ng			21S 03.0W Type of Si Quarry OGAMI Permit # Jointing NA Reserve (Tons) Willamette River is to ounty road about 80 met or the Liquid Limit test		
Bas	alt	Qal		NA			NA						
		Quality	7		Hard		lbs./cu ft.		Rese	rve (cy)	R	eserve (Toi	ıs)
		NA			N.	A	155						
Potent Significa				Why			Open/Clos	sed			Direction	n	
No)	Small ac	reage, limited	room, and n	o rock.		Closed						
					Adjace	ent Land U	Jse				·		
Residential					Ť								
					R	emarks							
202B	203B	211	206	Fine	206 Coa	arse	208 F	208	8 F Ht.	2	08 C	208 C	Ht.
	2.64	16.3			1.0								
		•			Ma	terial Use							



Looking northwest at the quarry site. Note the power lines that bisect a portion of the property.





Aerial view of the site and the surrounding area.

County			Sit	te Name				Dist	Hw	/ y 1	Mile Pt	TWP	RGE	Sect
Lane								05	000)1	0	16S	03.0W	28
	File 1	D		Source #	Da	te Visit	ed			Map	#		Type of	f Site
	NA			20-118-3	0.	3/28/20	01			No m	ap		Borro	w
Lati	tude	Long	itude	Elev. (m)	A	Acreage	9	Pit	t Size		D	OGAMI	Permit #	
44°09'20	0.50838"	123°03'2	2.66961"	123.212		25.7]	NA					
					Co	ommen	ts							
GPS acquire	ed at the so	utheast corne	r of the I-5	North Bridg	ge.									
Rock '	Type	Unit		Color			V	Veatheri	ng			Joi	nting	
Volcanic	Gravel	Tfe		Qal				NA				Ŋ	VΑ	
		Quality			Hard	lness	1)	bs./cu ft.		Rese	rve (cy)	Re	eserve (Tor	ıs)
		Unknown			N	A		120		1:	50,000		243,000	
Potenti Significat	•			Why			О	pen/Clo	sed			Direction	n	
No)	Small, not p	roven.					Closed		Muddy	Creek bi	sects the p	property.	
					Adjace	ent Lar	nd Use							
Farming														
					R	Remark	S							
The borrow	site is adja	cent to I-5, a	l over gro	wn, no grave	expose	d, no so	reenin	g but roc	m to v	vork. L	aboratory	report po	ints to aggr	egate
size 1" to 2'	" approxima	ately 60%. D	atasheet ir	nforms 3.5 ' to	o 12' of	overbui	den.	-			•			-
202B	203B	211	206	Fine	206 Coa	arse	20	08 F	20	8 F Ht.	2	08 C	208 C	Ht.
					Ma	terial l	Jse							



Looking east at the borrow site adjacent to I-5.

NO SITE MAP AVAILABLE

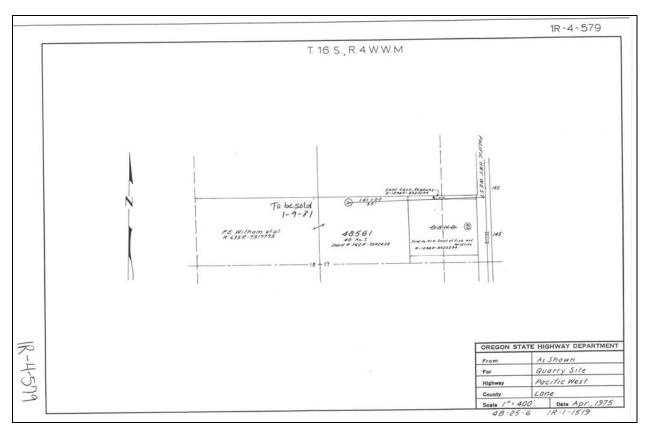
NO AERIAL PHOTO AVAILABLE

Count	ty		Sit	te Name			Dist	Hwy	Mile P	t TV	WP	RGE	Sect
Lane	:						05	0091	0	10	6S (04.0W	18,17
	File I	D		Source #	Date	Visited		N	Лар #			Type	of Site
	4856	1		20-901-3	3/1	0/1999		1 R	R-4-579			Bor	Tow
La	titude	Lon	gitude	Elev. (m)	Acı	reage	Pi	t Size		DC	OGAMI I	Permit	#
44°10'	50.05216"	123°12	16.60273"	114.46		40		NA			20-01	10	
					Com	ments							
GPS acqu	ired at the acc	cess gate to	the propert	y.									
Rocl	к Туре	Unit		Color			Weather	ing			Join	ting	
Volcan	ic Gravel	Qs		NA			NA				N	A	
		Quality			Hardne	ess	lbs./cu ft		Reserve	` " /	Re	serve (7	
		NA			NA		120		450,0	000		729,0	00
	ntially				Why					O	pen/Clos	ed I	Direction
Signific	ant Site									ر	pen, 0100	-	711 0001011
Y	es			o Highway 99				loes not r	neet the		Closed	N	NΑ
		Willamette	Valley cla	ssification of									
					Adjacent	t Land Us	e						
Farming					_	_							
						narks							
	erty is located												
	ife for a fishi							This prop	erty has h	ad no p	ast distu	rbance.	This is a
	site along Hi										. ~	***	
202B	203B	211	206	Fine	206 Coars	se 2	208 F	208 1	Ht.	208	8 C	208	B C Ht.
					37.								
					Mate	rial Use							

\mathbf{W}



Looking west at the borrow site.





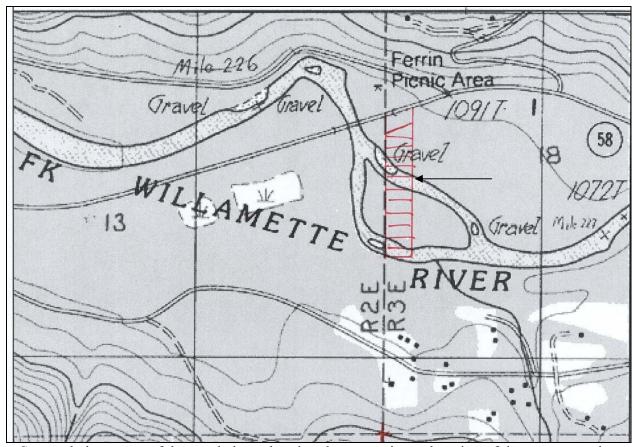
Aerial view of the borrow site along Highway 99.

The old pit site in the center of the image is now a fishing pond owned by ODFW.

County			Si	te Name			D	ist	Hwy	Mile Pt	TWP	RGE	Sect
Lane							0	15	0018	0	21S	03.0E	18
	File 1	D		Source #	Da	te Visited			Ma	ւp #		Type o	f Site
	2303	0		20-902-3	4	1/08/1999			7B-3	30-10		Grav	/el
Latitı	ıde	L	ongitude	Elev. (m)) A	Acreage		Pit S	ize	I	OGAMI	Permit #	
43°44'46.	03000"	122°3	30'35.91000"	364		12.9		NA	١				
					Co	omments							
Lat. and Long	g. acquire	d using To	errain Naviga	tor Software									
Rock T	ype	Unit		Color			Weat	hering			Joi	nting	
Volcanic (Gravel	Qal		NA			1	VΑ			1	NΑ	
		Quality			Hard		lbs./c		Res	serve (cy)	R	eserve (To	
		Fair to Go	ood		N	Α	12	0		85,000		137,700	
Potentia Significan				Why			Open	/Closed	ì		Directio	n	
No		Access p	problems, lim	ited amount o	of rock.		Cl	osed		cent to the lamette Rive		ork of the	
					Adjac	ent Land U	Use						
Forest													
					R	Remarks							
property with is only a few with no visib	in the floo feet abov le disturba	od zone. The the water	ers edge. Ther	size gravel is te is no room up to 2 feet of	boulder to work overbur	r (20cm) ar here, and l den at this	nd less, imited s location	with a screening. This	very smal ng from H	l percentage lighway 58.	e of sand/o The grou	organics. Tl nd is all na	ne area tural
202B	203B	211		Fine	206 Coa		208 F		208 F H	t. 2	08 C	208 C	Ht.
					Ma	terial Use							



Aerial view of the gravel site along the Middle Fork of the Willamette River. Highway 58 is in the upper left corner of the image.



Scanned photocopy of the quad-sheet showing the approximate location of the aggregate site.

Coun	ty		Sit	te Name			Dist	Hwy	Mile I	Pt TWP	RGE	Sect
Lane	;		Ну	land Bar			05	0018	0	21S	12.0E	16
	File l	D		Source #	Dat	e Visited		I	/Iap #		Type o	f Site
	Q109	96		20-903-3	4/	08/1999		1R	-2-1497		Grav	/el
La	ntitude	Lo	ngitude	Elev. (m) A	creage	Pi	t Size		DOGAM	Permit #	
43°44'	'27.33000"	122°27	"23.99000"	364		13.6	,	NA				
					Co	mments						
Lat. and I	Long. acquired	d using Ter	rain Naviga	tor Software								
	к Туре	Unit		Color			Weather	ing		Joi	nting	
Volcan	nic Gravel	Qal		NA			NA]	NA	
		Quality			Hard	ness	lbs./cu ft.	. F	leserve (cy	/) R	eserve (To	ns)
		Fair to Goo	d		N/	A	120		130,000		210,600	
	ntially cant Site			Why			Open/Clo	sed		Directio	n	
1	No	In town, a	ccess restric	ted.			Closed	Ad	jacent to a	nd in Salmo	1 Creek.	
					Adjace	nt Land l	Use					
Industrial												
					R	emarks						
This site i	is located in tl	ne town of	Oakridge ad	jacent to Sal	lmon Cree	k. The da	ta base is ur	determine	d on the ac	creage and o	wnership in	this
area. It ap	pears there co	ould be an	easement pro	oblem due to	the abser	nce of any	access. The	e gravel at	this location	on is about 3	centimete 0	rs and
	a small (10%											
	for flood con											ment
	ed to be devel											
202B	203B	211	206	Fine	206 Coa	rse	208 F	208 F	Ht.	208 C	208 C	Ht.
					Mat	erial Use						
l												

NE W

Looking south at the general area of the gravel site along Salmon Creek.

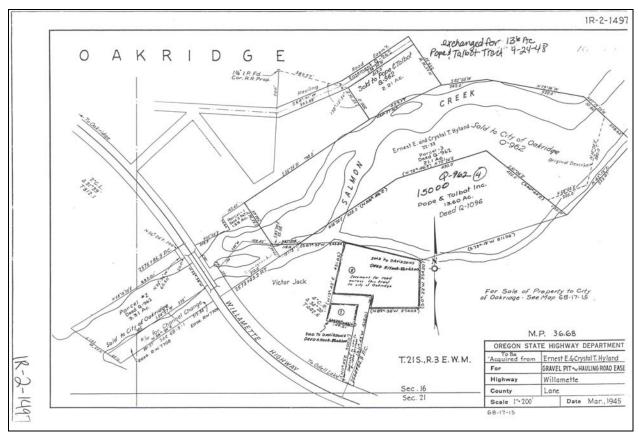


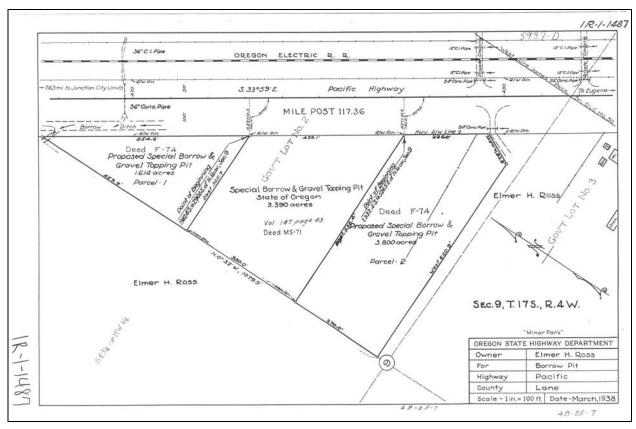


Image of the gravel at the site.

County			Sit	e Name			Dist	Hwy	Mile Pt	TWP	RGE	Sect
Lane			Rose	Filler Pit			05	0001	0	17S	04.0W	09
	File I	D		Source #	Date V	/isited		M	ap #		Type of	f Site
N	AS-71,	F74		20-904-3	3/10	/1999		1R-1	-1487		Grav	/el
Latitude		Longi	tude	Elev. (m)	Acr	eage	Pi	t Size	I	OGAMI	Permit #	
44°06'28.482	11"	123°10'36	.75518"	118.785	8	.8	<7	acres				
					Com	nents						
GPS acquired at	the acc	ess gate off o	f Highwa	y 99.								
Rock Type	;	Unit		Color			Weatheri	ing		Joi	nting	
Volcanic Grav	vel	Qs		NA			NA			1	NΑ	
		Quality			Hardne	SS	lbs./cu ft.	Re	serve (cy)	R	eserve (To	ns)
		NA			NA		120					
Potentially				Why			Open/Clo	sed		Directio	n	
Significant Si				,, 11,			•			Directio	•	
No		Depleted grav	vel				Closed	NA				
					Adjacent	Land Us	se					
Farming/Industr	ial											
					Rem							
This site is on H some ground wa										s on the p	roperty nov	v with
202B 20	3B	211	206	Fine :	206 Coars	e	208 F	208 F H	[t. 2	08 C	208 C	Ht.
					Mater	ial Use						



Looking southwest at the gravel site along Highway 99.



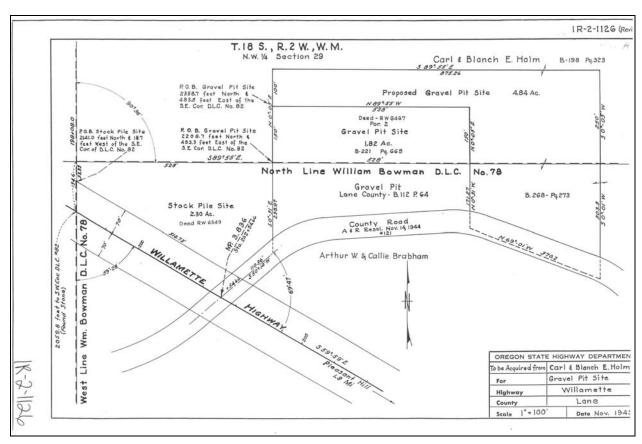


Aerial view of the gravel site located along Highway 99 with the three associated ponds.

County			Site	Name			Dist	Hwy	Mile Pt	TWP	RGE	Sect
Lane							05	0018	0	18S	02.0W	29
	File II	D		Source #	Dat	e Visited		Ma	ւp #		Type of	f Site
	08920)		20-905-3	3/	24/1999		1R-2	-1126		Stock Pi	le Site
Latitu	ıde	Long	gitude	Elev. (m)	A	creage	Pit	t Size	Ι	OGAMI	Permit #	
43°58'46.5	56000"	122°57'4	47.73000"	182		4.65	<2	acres				
					Co	mments						
Lat. and Long	g. acquired	using Terra	ain Navigato	or Software								
Rock Ty	ype	Unit		Color			Weatheri	ing		18S 02.0W Type of Si Stock Pile S DOGAMI Permit # Jointing NA) Reserve (Tons) The Willamette River. River. It appears the site is ighway 58 and part of this elp to outline our property		
Volcanic G	Gravel	Qal		NA			NA					
		Quality			Hard	ness	lbs./cu ft.	Res	serve (cy)		ıs)	
		NA			N/	1	0					
Potential Significant	•	Why		Open/Clos	ed			Di	rection			
No		Depleted gr	avel	Closed	1	West about	100 meters	s is the Coas	t Fork of th	e Willam	ette River.	
					Adjace	nt Land U	se					
Residential/Fa	arming											
					Re	emarks						
depleted of gr	ravel. Ther be lost. Th	e is a wetlandere is some	nd site here acreage tha	from the pa it has aggreg	st disturb ate poter	ance. We a tial here. A	re in the practice. A new bour	rocess of wic	lening High	way 58 a	nd part of th	nis
202B	203B	211	206	Fine	206 Coa	rse	208 F	208 F H	t. 2	08 C	208 C	Ht.
					•		•			Jointing NA NA Reserve (Tons) Type of Si Stock Pile S DOGAMI Permit #		
					Mat	erial Use						



Looking north along Highway 58 at the stockpile site and old pit on the left.





Aerial view of the stockpile site along Highway 58. Coast Fork of the Willamette River is on the left side of the image.

County			S	ite Name				Dist	Hwy	Mile Pt	TWP	RGE	Sect
Lane			Lowell	l-Black Cany	on			05	0018	0	19S	01.0E	33
	File l	D		Source #	D	ate Visit	ed		N	[ap #		Type o	f Site
	0756	59		20-907-	3	4/08/199	9		1R	-2-897		Grav	el
Latitude	;	L	ongitude	Elev. (r	n)	Acreage	;	Pi	t Size]	OOGAMI	Permit #	
43°52'34.970	000"	122°	41'41.32000	" 243		15.62			NA				
						Comment	ts						
Lat. and Long. a	cquire	d using T	errain Navig	ator Softwar	e								
Rock Type		Unit		Color			7	Veather	ing		Joi	nting	
Volcanic Gra	vel	Qal		NA				NA			1	NA	
		Qualit	y		Hai	rdness	l	bs./cu ft.	R	eserve (cy)	R	eserve (To	ıs)
		NA]	NA		120					
Potentially Significant Si				Why					Open/C	losed	1	Direction	
No		This site	is under wa	ter now with	the rese	rvoir in p	lace.		N/	L	NA		
					Adja	cent Lan	d Use						
Forest/Minor Re	esidenti	ial											
						Remarks	S						
This site is locat	ted with	nin Look	out Point Lal	ce along Higl	1way 58.	The site	was u	nder wat	ter at the tir	ne of the visi	it.		
202B 20	3B	211	1 20	6 Fine	206 C	oarse	20	08 F	208 F	Ht. 2	208 C	208 C	Ht.
					M	aterial U	Jse						



Arrow points to the approximate location of the gravel site along Highway 58.

