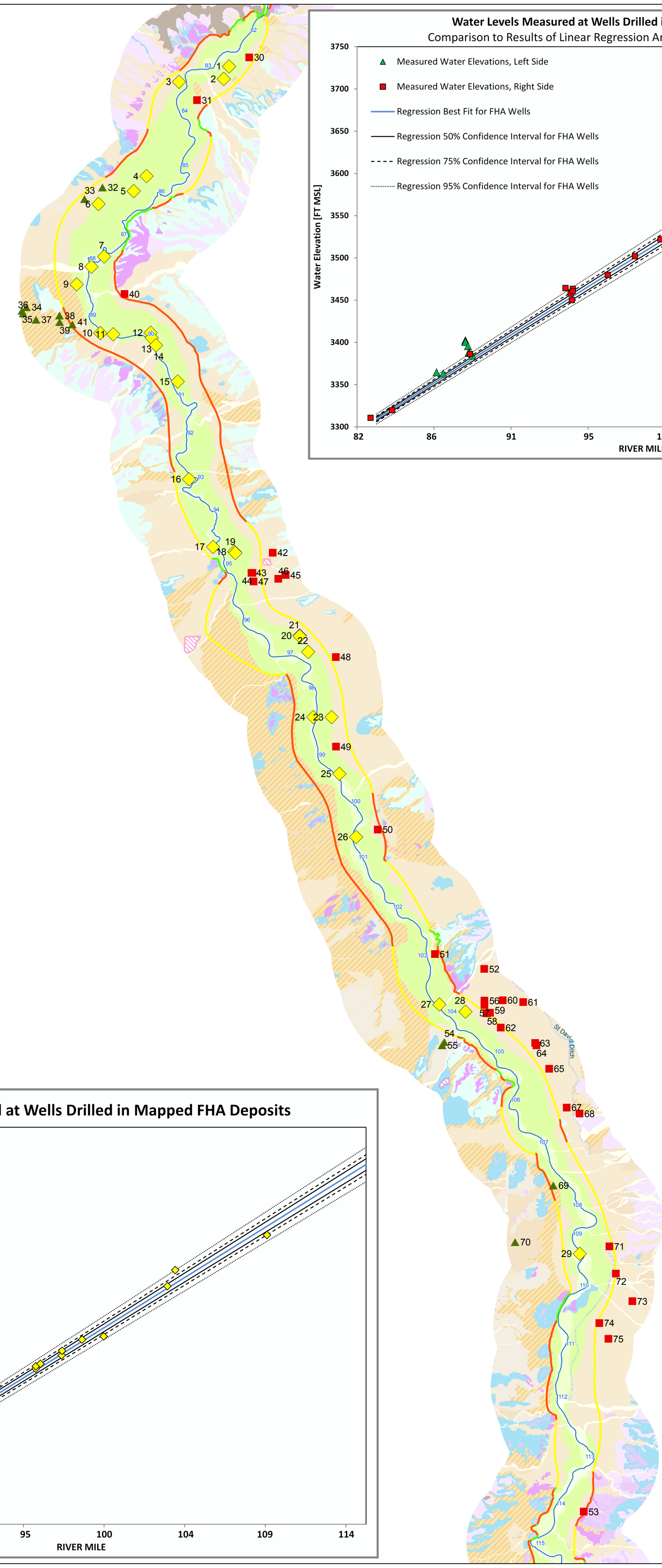
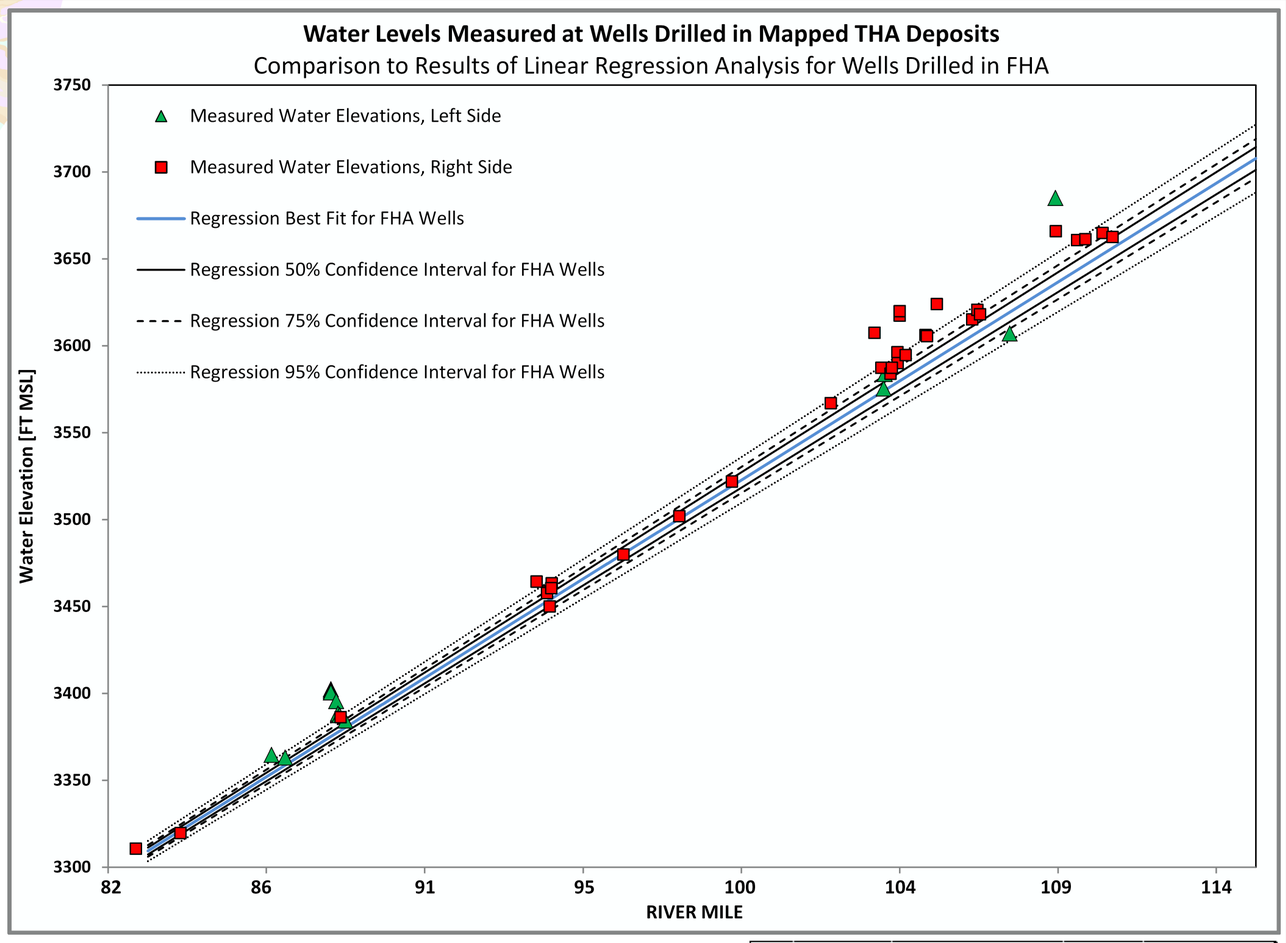
APPENDIX E:
WATER LEVEL MAPS



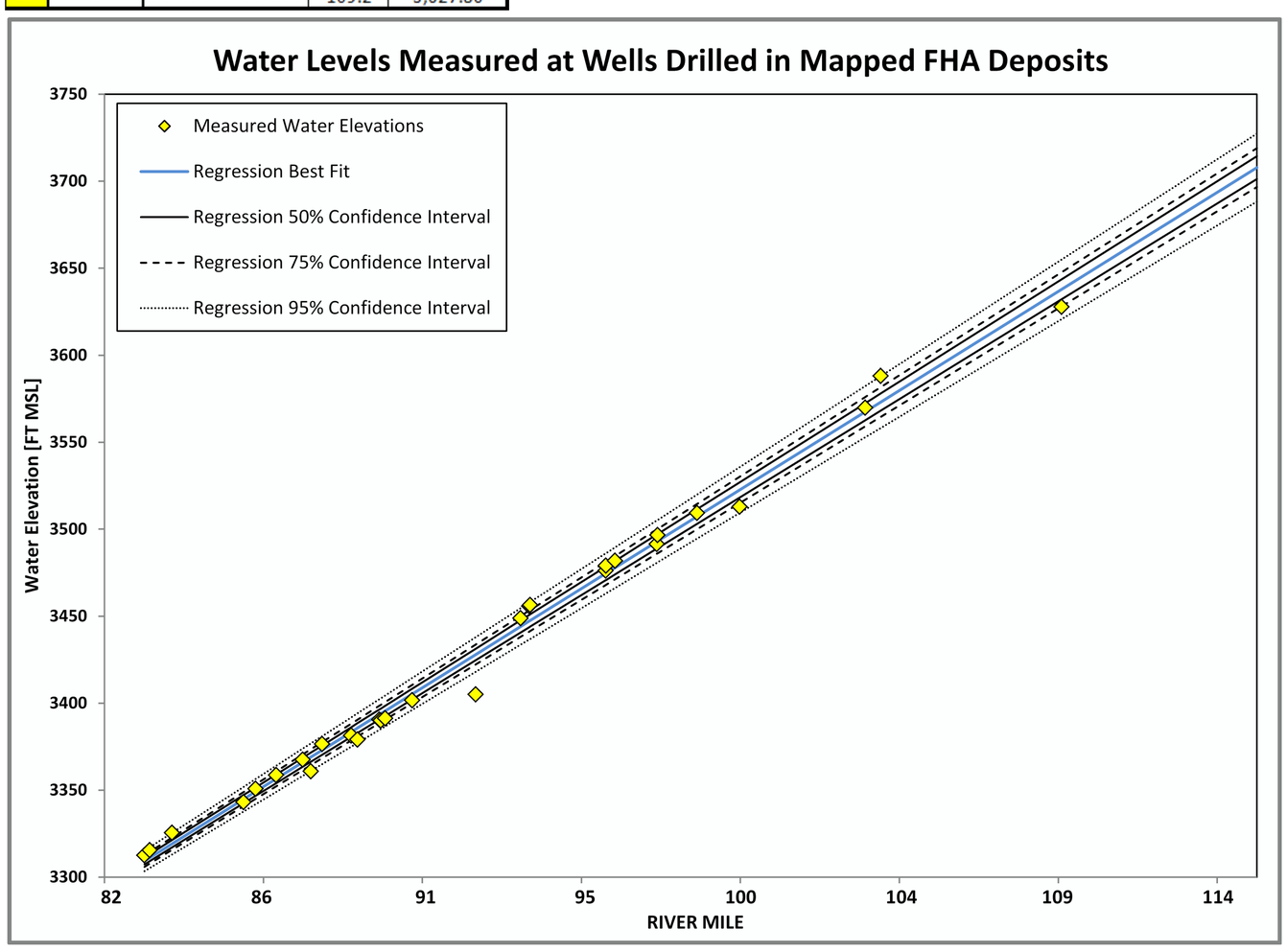


FHA Water Level Measurements (1990)

Site No.	Registry ID	GWSI Site ID	Approx. River Mile	Water Level Measurments Elev [ft MSL]
1	642077	320654110175801	82.7	3,312.55
2	602906	320644110180301	82.8	3,315.55
3	607762	320639110184601	83.3	3,325.60
4	607252	320527110191601	85.9	3,343.10
5	607253	320515110192801	86.4	3,350.80
6	NA	320502110200401	86.7	3,358.70
7	623741	320429110195201	87.6	3,367.50
8	801843	320411110200801	88.1	3,360.85
9	623748	320357110201601	88.4	3,376.60
10	605293	320316110200001	89.2	3,381.40
11	613520	320321110194801	89.4	3,379.15
12	NA	320320110191201	90.0	3,390.55
13	613524	320318110190701	90.0	3,390.00
14	613523	320312110190801	90.1	3,391.25
15	505818	320243110184801	90.8	3,401.65
16	623751	320125110183801	92.8	3,405.03
17	619435	320025110182001	94.6	3,448.80
18	87276	320027110175601	94.8	3,455.80
19	646776	320026110175501	94.8	3,456.40
20	NA	315922110165601	97.1	3,476.18
21	530046	315918110165501	97.1	3,479.10
22	NA	315905110164701	97.2	3,481.87
23	611197	315816110162501	98.3	3,496.60
24	NA	315817110163901	98.4	3,491.50
25	NA	315733110161801	99.4	3,509.30
26	628288	315639110160201	100.5	3,512.98
27	631796	315423110144401	103.8	3,569.90
28	631273	315419110142301	104.1	3,588.10
29	NA	315155110124101	109.2	3,627.80

THA Water Level Measurements (1990)

Site No.	Registry ID	GWSI Site ID	Approx. River Mile	Water Level Measurments Elev [ft MSL]
30	626283	320701110173901	82.3	3,310.65
31	514942	320627110182801	83.5	3,319.60
32	607254	320524110200701	86.7	3,364.60
33	600471	320509110201201	86.7	3,363.10
34	605076	320341110210901	88.5	3,402.39
35	608336	320337110211301	88.9	3,401.50
36	608335	320338110211201	88.9	3,400.59
37	627744	320332110210101	88.9	3,395.50
38	NA	320336110204001	88.9	3,388.30
39	623747	320331110203801	88.9	3,387.50
40	NA	320348110194001	88.7	3,386.35
41	623742	320329110202901	89.0	3,384.40
42	613388	320030110172001	95.2	3,464.25
43	611198	320010110173901	95.2	3,458.65
44	611199	320011110173901	95.2	3,457.75
45	606711	320007110171101	95.3	3,450.00
46	611018	320005110170901	95.3	3,460.60
47	629258	320003110174001	95.3	3,463.25
48	610353	315902110162301	97.4	3,479.80
49	NA	315752110162401	98.9	3,501.90
50	NA	315646110153801	100.2	3,521.82
51	503601	315505110145101	102.9	3,566.90
52	606514	315453110140501	103.1	3,607.40
53	631276	315416110142101	104.1	3,587.20
54	649691	315355110144501	104.2	3,575.40
55	806011	315354110144601	104.2	3,583.80
56	607860	315427110140601	104.5	3,583.90
57	NA	315423110140601	104.5	3,587.30
58	607856	315417110140001	104.5	3,596.20
59	631775	315418110140001	104.5	3,589.90
60	641700	315428110134801	104.5	3,617.30
61	NA	315425110132901	104.6	3,619.90
62	607625	315406110135001	104.6	3,594.60
63	608438	315355110132101	105.4	3,606.20
64	632942	315352110311701	105.4	3,605.50
65	NA	315333110130501	105.5	3,624.00
66	618812	315243110132101	106.7	3,615.10
67	612032	315302110124900	106.8	3,620.70
68	804651	315257110123701	106.9	3,618.10
69	806838	315200110130201	107.5	3,607.10
70	626724	315110110134301	109.0	3,685.00
71	NA	315111110121001	108.5	3,665.90
72	628863	315050110120201	109.8	3,660.80
73	623431	315032110114901	109.9	3,661.20
74	629255	315005110122001	110.9	3,664.80
75	609171	314959110121301	110.9	3,662.50



Legend

- THA Well Left Side
- THA Well Right Side
- FHA Well
- FHA Delineation Step 1
- FHA Delineation Step 2
- FHA Delineation Step 3
- River

Holocene River Alluvium
- Active river channel deposits
- Flood channel & low terrace deposits
- Historical river terrace deposits
- Latest Holocene to historical river terrace deposits
- Late to early Holocene river terrace deposits

Holocene Tributary Stream Alluvium
- Modern stream channel deposits
- Latest Holocene Alluvium
- Late Holocene alluvium
- Older Holocene alluvium

Holocene Piedmont Alluvium

Disturbed Lands
- Disturbed
- Ditch
- Mining related

Pleistocene River Alluvium
- Late Pleistocene river terrace deposits
- Middle to late Plesitocene river terrace deposits
- Early to middle Pleistocene river terrace deposits
- Pleistocene river deposits
- Early Pleistocene river channel alluvium
- Quaternary hillslope talus & colluvium

Pleistocene Piedmont Alluvium

Pleistocene Alluvium

Tertiary Piedmont Alluvium

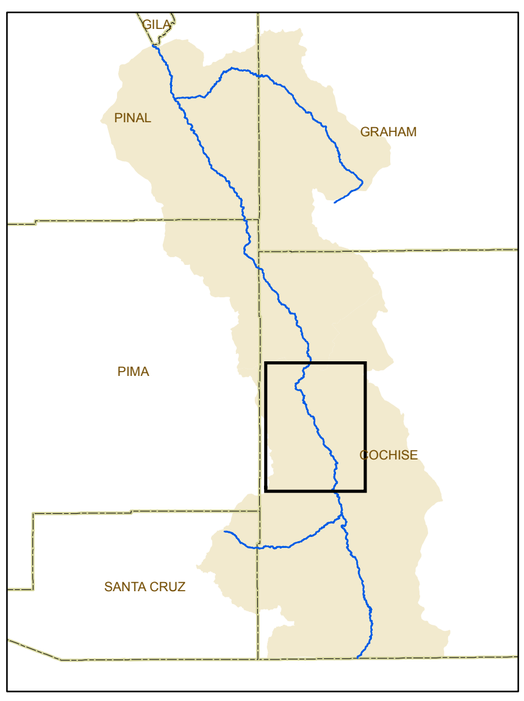
Tertiary Basin Fill Allivuium

Bedrock Units

Scale: 1:55,000

N

0 11,000 22,000 33,000 Feet



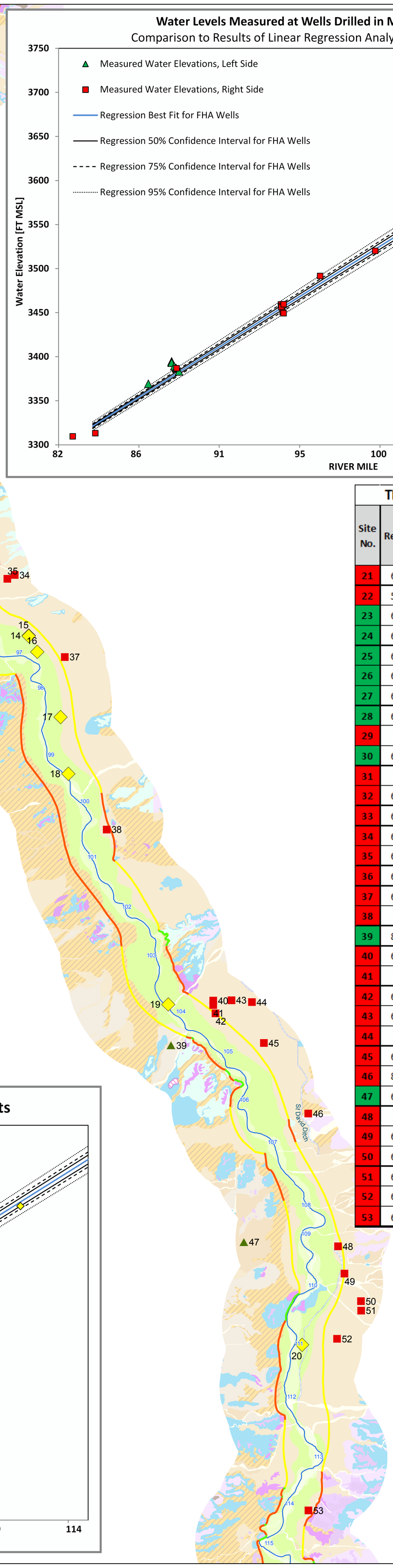
Appendix E
Water Level Measurements

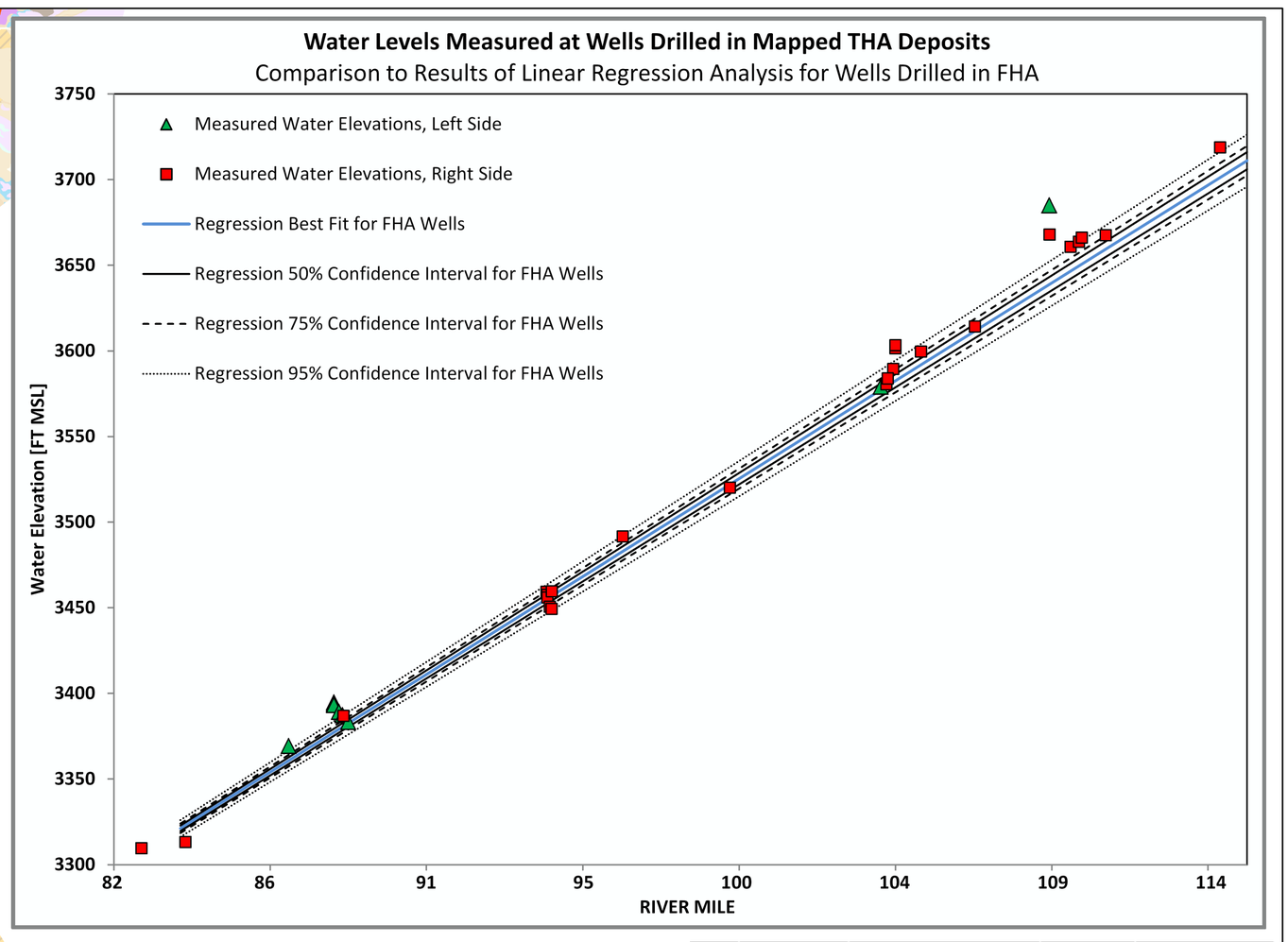
San Pedro River: RM 114-82

1990

2015 Supplemental
Sublflow Report

February 2015



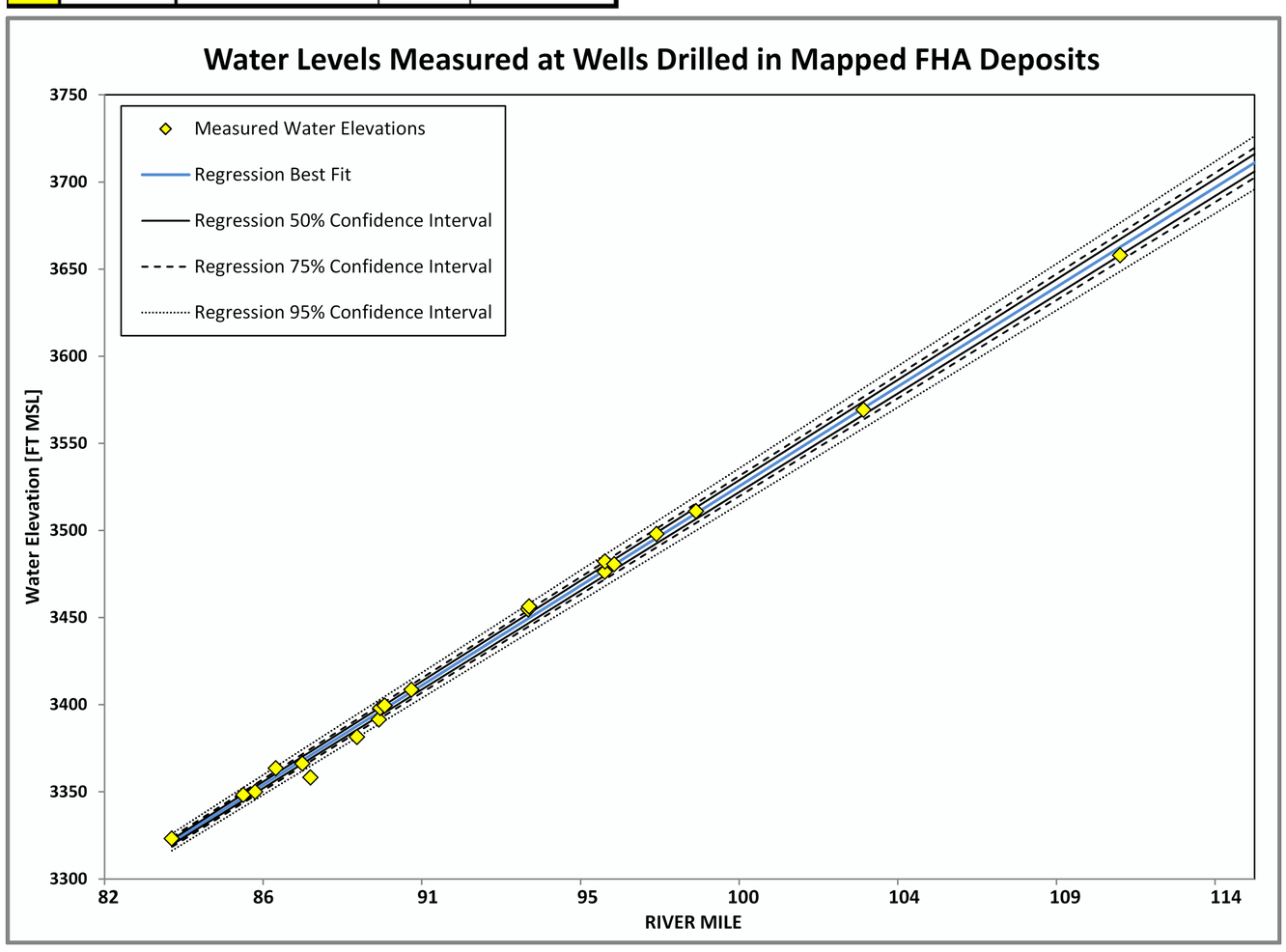


THA Water Level Measurements (2006)

Site No.	Registry ID	GWSI Site ID	Approx. River Mile	Water Level Measurments Elev [ft MSL]
21	626283	320701110173901	82.3	3,309.50
22	514942	320627110182801	83.5	3,313.16
23	600471	320509110201201	86.7	3,369.20
24	605076	320341110210901	88.5	3,394.70
25	608336	320337110211301	88.9	3,393.80
26	608335	320338110211201	88.9	3,393.20
27	627744	320332110210101	88.9	3,389.12
28	623747	320331110203801	88.9	3,387.20
29	NA	320348110194001	88.7	3,386.80
30	623742	320329110202901	89.0	3,383.30
31	NA	320008110174101	95.2	3,459.39
32	611198	320010110173901	95.2	3,457.47
33	611199	320011110173901	95.2	3,456.03
34	606711	320007110171101	95.3	3,450.58
35	611018	320005110170901	95.3	3,449.30
36	629258	320003110174001	95.3	3,459.57
37	610353	315902110162301	97.4	3,491.58
38	NA	315646110153801	100.2	3,520.11
39	806011	315354110144601	104.2	3,579.10
40	607860	315427110140601	104.5	3,580.50
41	NA	315423110140601	104.5	3,583.80
42	607856	315417110140001	104.5	3,589.30
43	641700	315428110134801	104.5	3,601.40
44	NA	315425110132901	104.6	3,603.20
45	608438	315355110132101	105.4	3,599.50
46	804651	315257110123701	106.9	3,614.20
47	626724	315110110134301	109.0	3,685.00
48	NA	315111110121001	108.5	3,667.80
49	628863	315050110120201	109.8	3,660.60
50	623431	315032110114901	109.9	3,663.60
51	612550	315019110115001	109.9	3,666.00
52	609171	314959110121301	110.9	3,667.50
53	623655	314740110123801	113.9	3,718.80

FHA Water Level Measurements (2006)

Site No.	Registry ID	GWSI Site ID	Approx. River Mile	Water Level Measurments Elev [ft MSL]
1	607762	320639110184601	83.3	3,323.17
2	607252	320527110191601	85.9	3,348.20
3	607253	320515110192801	86.4	3,349.93
4	NA	320502110200401	86.7	3,363.50
5	623741	320429110195201	87.6	3,366.20
6	801843	320411110200801	88.1	3,358.22
7	613520	320321110194801	89.4	3,381.47
8	NA	320320110191201	90.0	3,391.54
9	613524	320318110190701	90.0	3,398.00
10	613523	320312110190801	90.1	3,399.50
11	505818	320243110184801	90.8	3,408.60
12	87276	320027110175601	94.8	3,454.67
13	646776	320026110175501	94.8	3,456.32
14	NA	315922110165601	97.1	3,476.30
15	530046	315918110165501	97.1	3,482.10
16	NA	315905110164701	97.2	3,480.67
17	611197	315816110162501	98.3	3,498.00
18	NA	315733110161801	99.4	3,511.00
19	631796	315423110144401	103.8	3,569.30
20	506553	314952110124401	111.0	3,657.90



Legend

- THA Well Left Side
- THA Well Right Side
- FHA Well
- FHA Delineation Step 1
- FHA Delineation Step 2
- FHA Delineation Step 2
- River

Holocene River Alluvium
- Active river channel deposits
- Flood channel & low terrace deposits
- Historical river terrace deposits
- Latest Holocene to historical river terrace deposits
- Late to early Holocene river terrace deposits

Holocene Tributary Stream Alluvium
- Modern stream channel deposits
- Latest Holocene Alluvium
- Late Holocene alluvium
- Older Holocene alluvium

Holocene Piedmont Alluvium

Disturbed Lands
- Disturbed
- Ditch
- Mining related

Pleistocene River Alluvium
- Late Pleistocene river terrace deposits
- Middle to late Plesitocene river terrace deposits
- Early to middle Pleistocene river terrace deposits
- Pleistocene river deposits
- Early Pleistocene river channel alluvium
- Quaternary hillslope talus & colluvium

Pleistocene Piedmont Alluvium

Pleistocene Alluvium

Tertiary Piedmont Alluvium

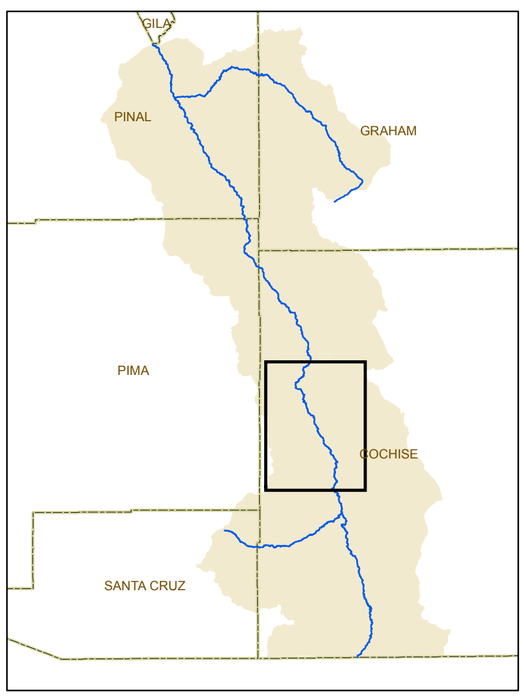
Tertiary Basin Fill Allivuium

Bedrock Units

N

Scale: 1:55,000

0 11,000 22,000 33,000 Feet



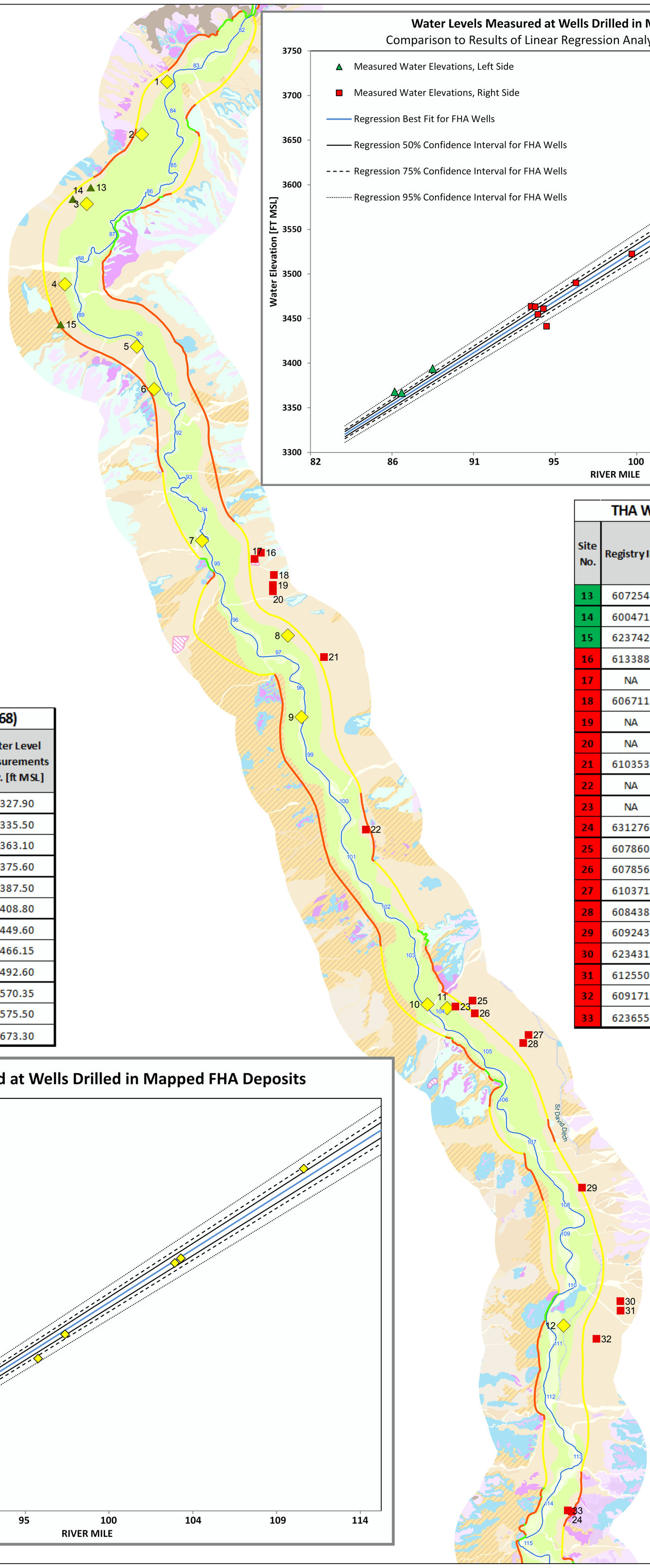
Appendix E
Water Level Measurements

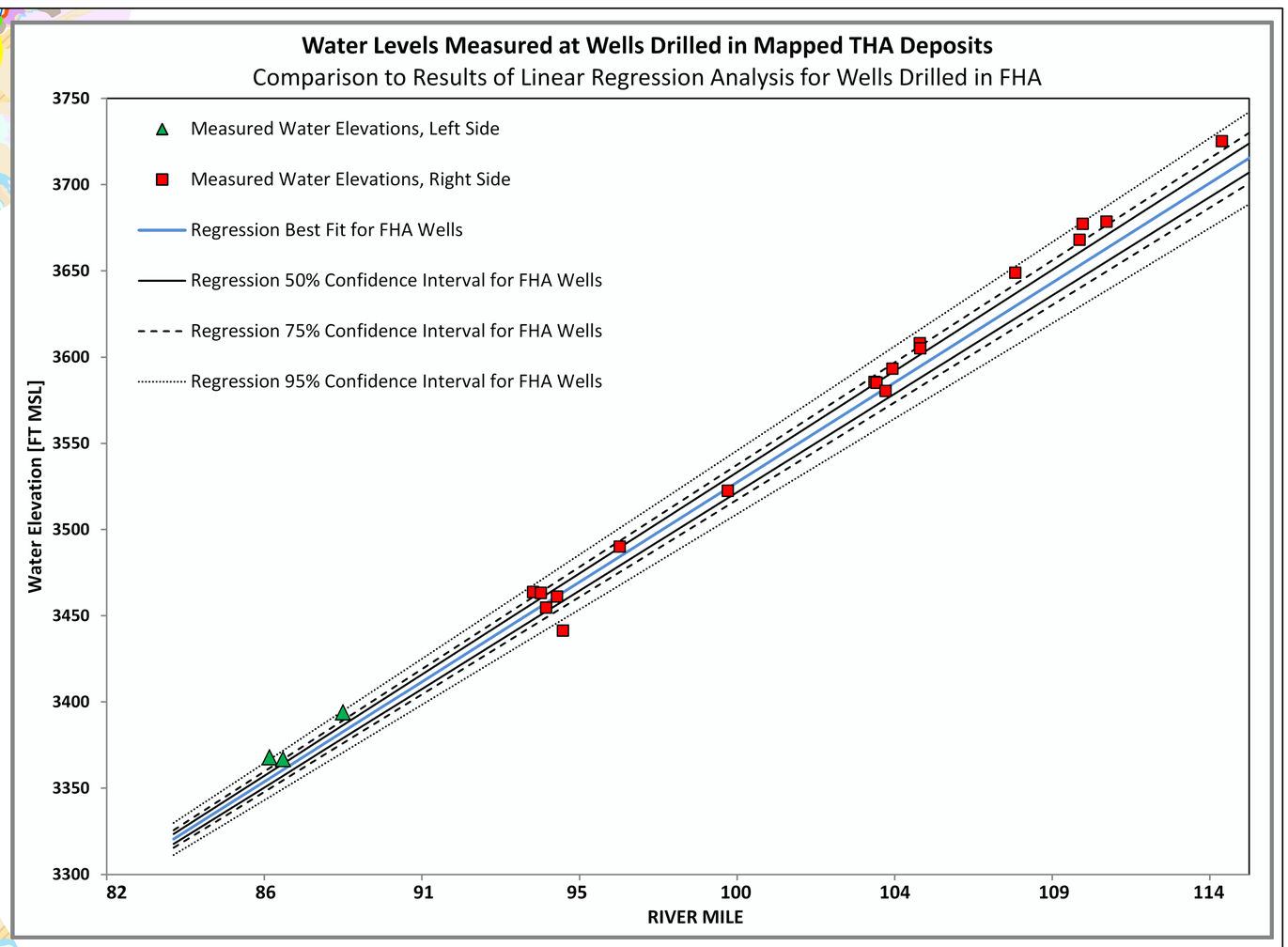
San Pedro River: RM 114-82

2006

2015 Supplemental
Sublflow Report

February 2015



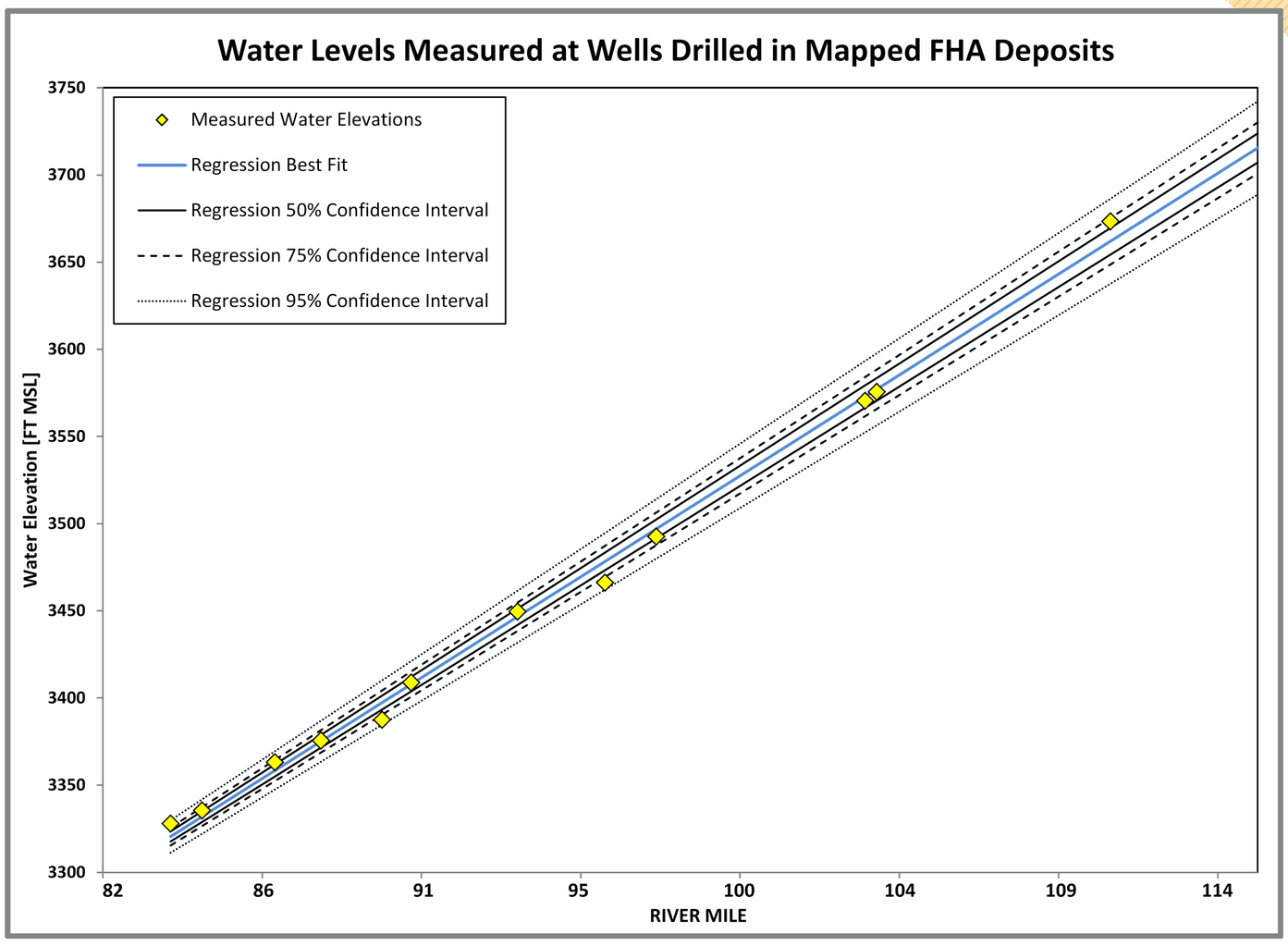


THA Water Level Measurements (1968)

Site No.	Registry ID	GWSI Site ID	Approx. River Mile	Water Level Measurements Elev. [ft MSL]
13	607254	320524110200701	86.7	3,367.90
14	600471	320509110201201	86.7	3,366.80
15	623742	320329110202901	89.0	3,393.95
16	613388	320030110172001	95.2	3,463.70
17	NA	320021110172601	95.2	3,463.20
18	606711	320007110171101	95.3	3,454.65
19	NA	320000110170901	95.3	3,461.15
20	NA	315955110170901	95.8	3,441.30
21	610353	315902110162301	97.4	3,490.00
22	NA	315646110153801	100.2	3,522.40
23	NA	315423110142101	104.1	3,585.50
24	631276	315416110142101	104.1	3,585.15
25	607860	315427110140601	104.5	3,580.40
26	607856	315417110140001	104.5	3,593.25
27	610371	315400110131301	105.4	3,607.95
28	608438	315355110132101	105.4	3,605.05
29	609243	315156110122601	107.8	3,648.90
30	623431	315032110114901	109.9	3,668.05
31	612550	315019110115001	109.9	3,677.30
32	609171	314959110121301	110.9	3,678.50
33	623655	314740110123801	113.9	3,725.20

FHA Water Level Measurements (1968)

Site No.	Registry ID	GWSI Site ID	Approx. River Mile	Water Level Measurements Elev. [ft MSL]
1	607762	320639110184601	83.3	3,327.90
2	NA	320600110190901	84.0	3,335.50
3	NA	320502110200401	86.7	3,363.10
4	623748	320357110201601	88.4	3,375.60
5	NA	320311110191501	90.1	3,387.50
6	626282	320237110185901	90.8	3,408.80
7	619436	320036110181501	94.5	3,449.60
8	NA	315922110165601	97.1	3,466.15
9	NA	315817110163901	98.4	3,492.60
10	631796	315423110144401	103.8	3,570.35
11	NA	315422110142901	104.0	3,575.50
12	NA	315005110124301	110.9	3,673.30



Legend

- THA Well Left Side
- THA Well Right Side
- FHA Well
- FHA Delineation Step 1
- FHA Delineation Step 2
- FHA Delineation Step 3
- River

Holocene River Alluvium
- Active river channel deposits
- Flood channel & low terrace deposits
- Historical river terrace deposits
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- Late to early Holocene river terrace deposits

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- Modern stream channel deposits
- Latest Holocene Alluvium
- Late Holocene alluvium
- Older Holocene alluvium

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- Disturbed
- Ditch
- Mining related

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- Pleistocene river deposits
- Early Pleistocene river channel alluvium
- Quaternary hillslope talus & colluvium

Pleistocene Piedmont Alluvium

Pleistocene Alluvium

Tertiary Piedmont Alluvium

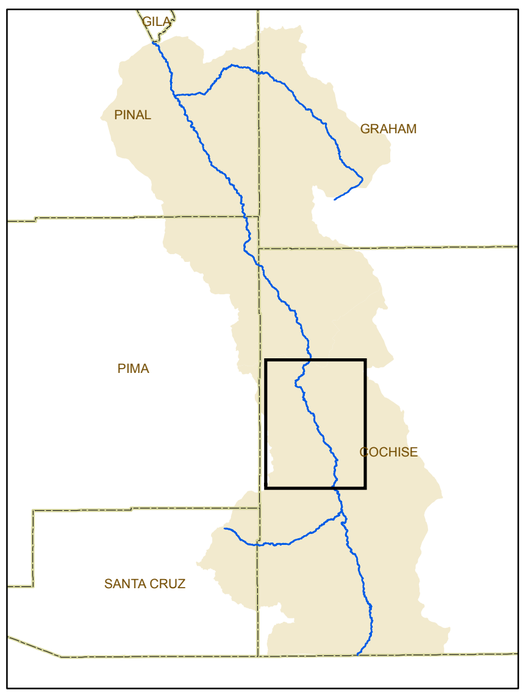
Tertiary Basin Fill Allivuium

Bedrock Units

Scale: 1:55,000

N

0 11,000 22,000 33,000
Feet



Appendix E
Water Level Measurements

San Pedro River: RM 114-82

1968

2015 Supplemental
Sublflow Report

February 2015