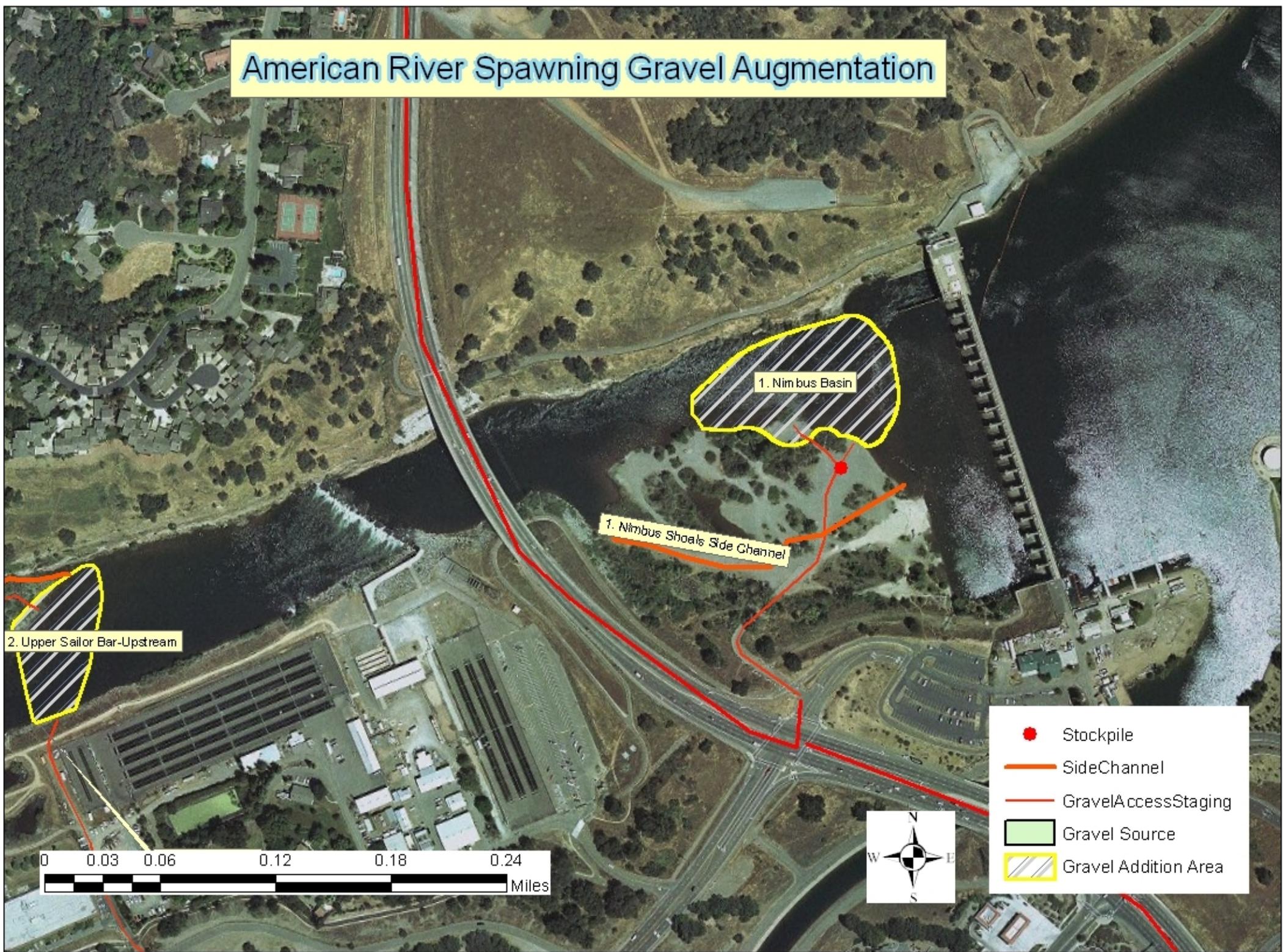


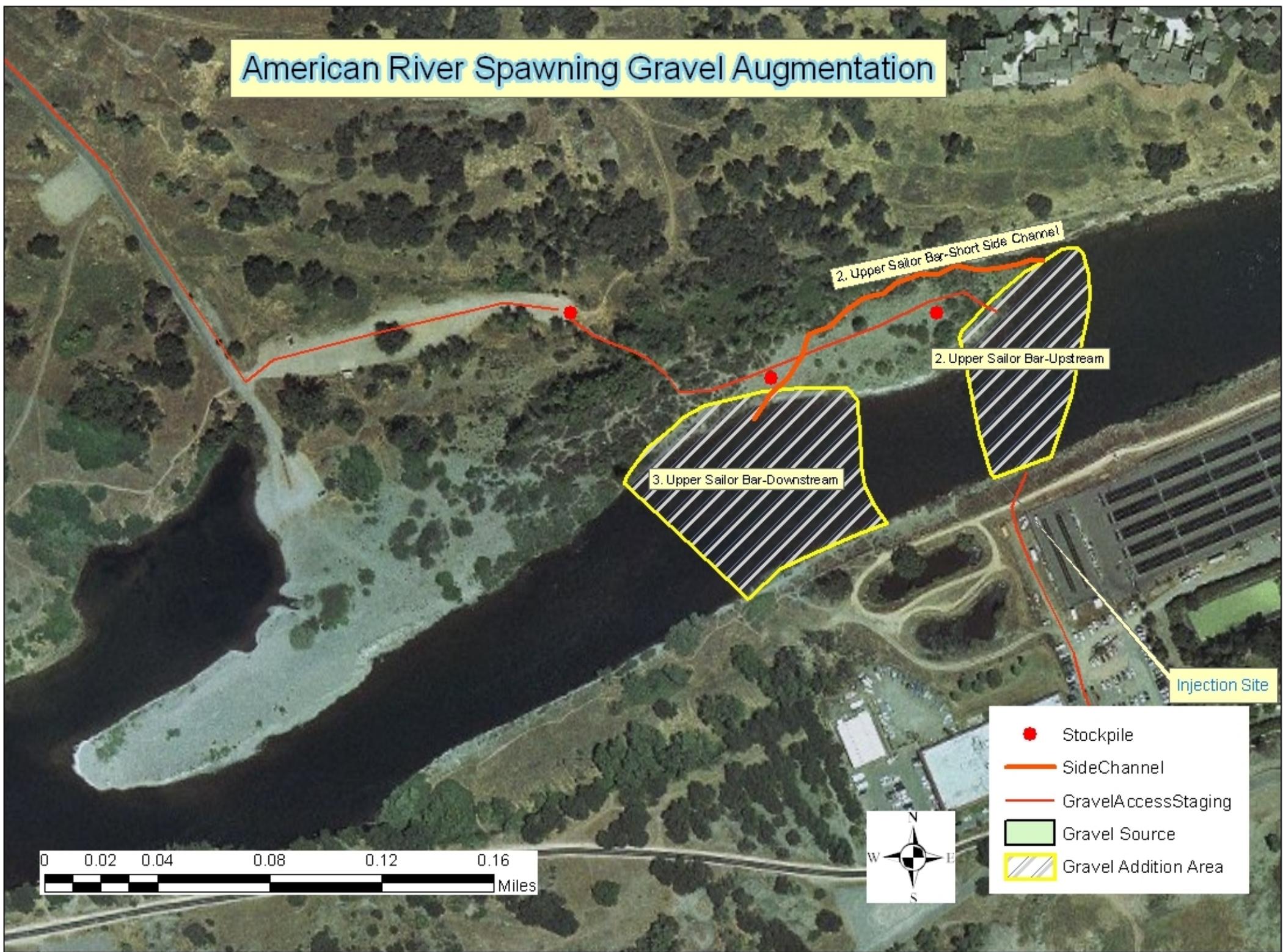
American River Spawning Gravel Augmentation



American River Spawning Gravel Augmentation



American River Spawning Gravel Augmentation



2. Upper Sailor Bar-Short Side Channel

2. Upper Sailor Bar-Upstream

3. Upper Sailor Bar-Downstream

Injection Site



- Stockpile
- SideChannel
- GravelAccessStaging
- Gravel Source
- ▨ Gravel Addition Area

American River Spawning Gravel Augmentation

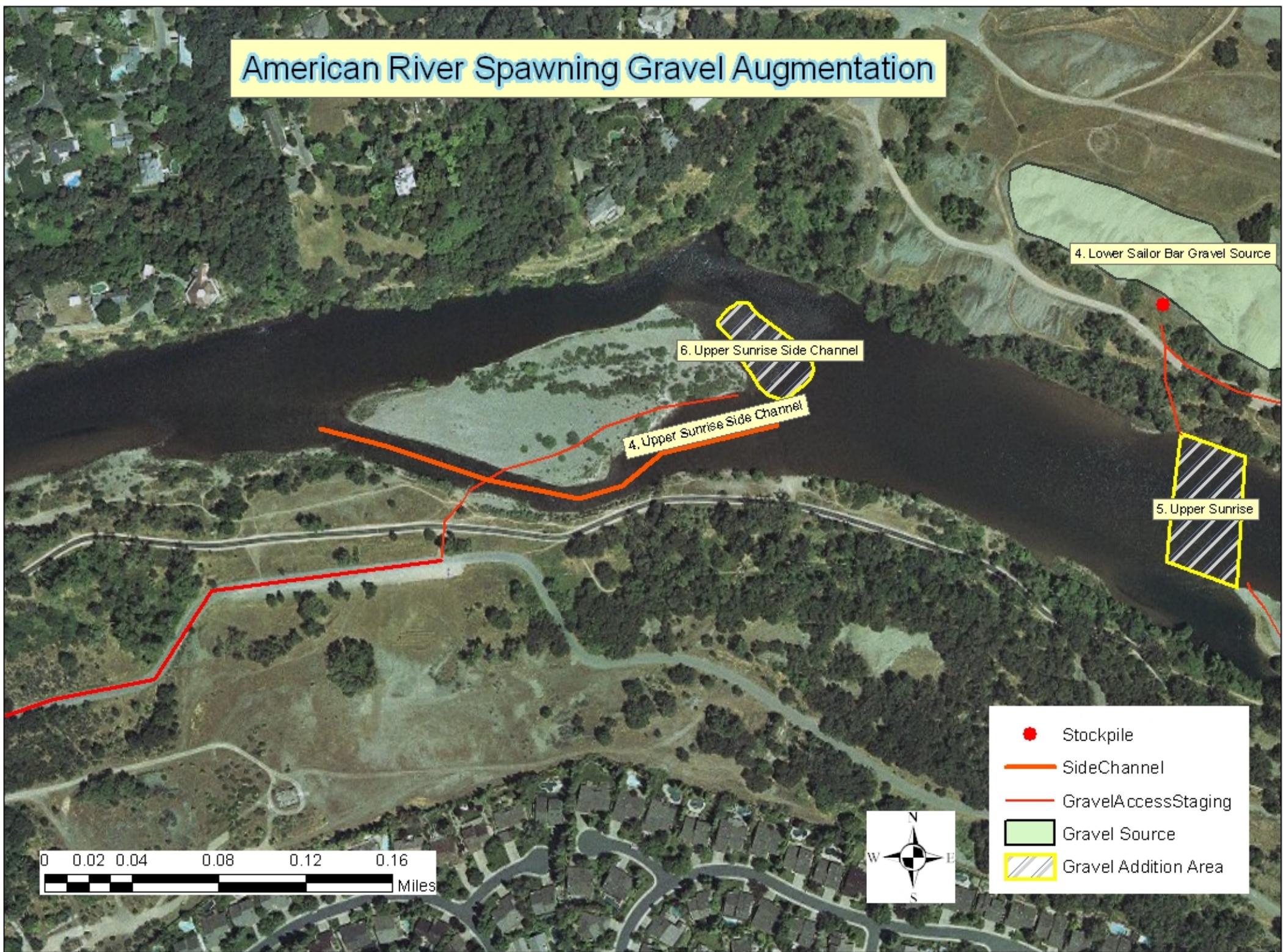
5. Upper Sunrise

4. Lower Sailor Bar

- Stockpile
- SideChannel
- GravelAccessStaging
- Gravel Source
- ▨ Gravel Addition Area



American River Spawning Gravel Augmentation

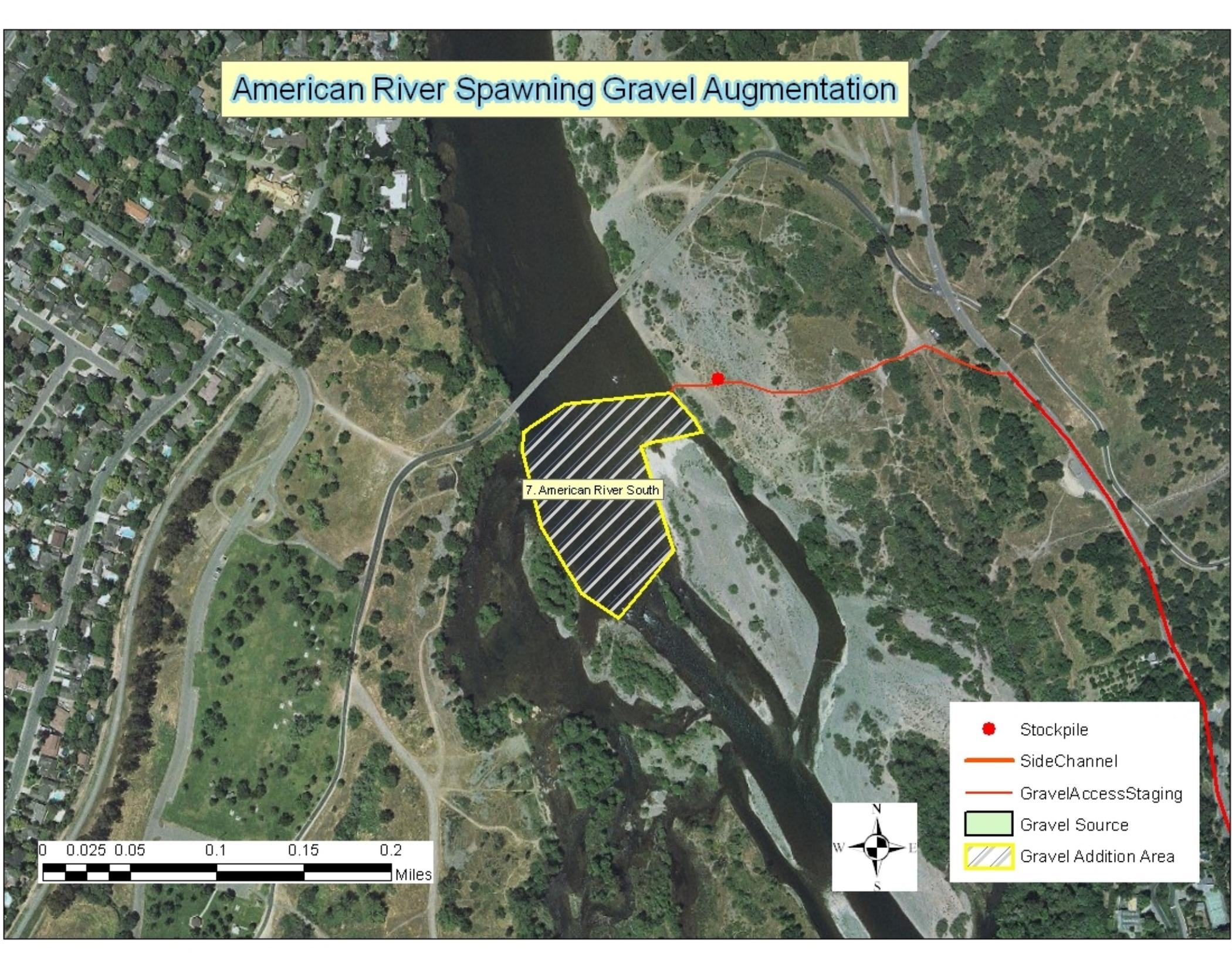


American River Spawning Gravel Augmentation

7. American River South

- Stockpile
- SideChannel
- GravelAccessStaging
- Gravel Source
- ▨ Gravel Addition Area

0 0.025 0.05 0.1 0.15 0.2 Miles



American River Spawning Gravel Augmentation

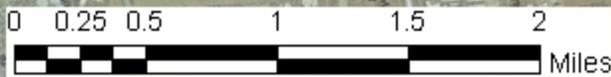


American River Spawning Gravel Augmentation Transportation Routes

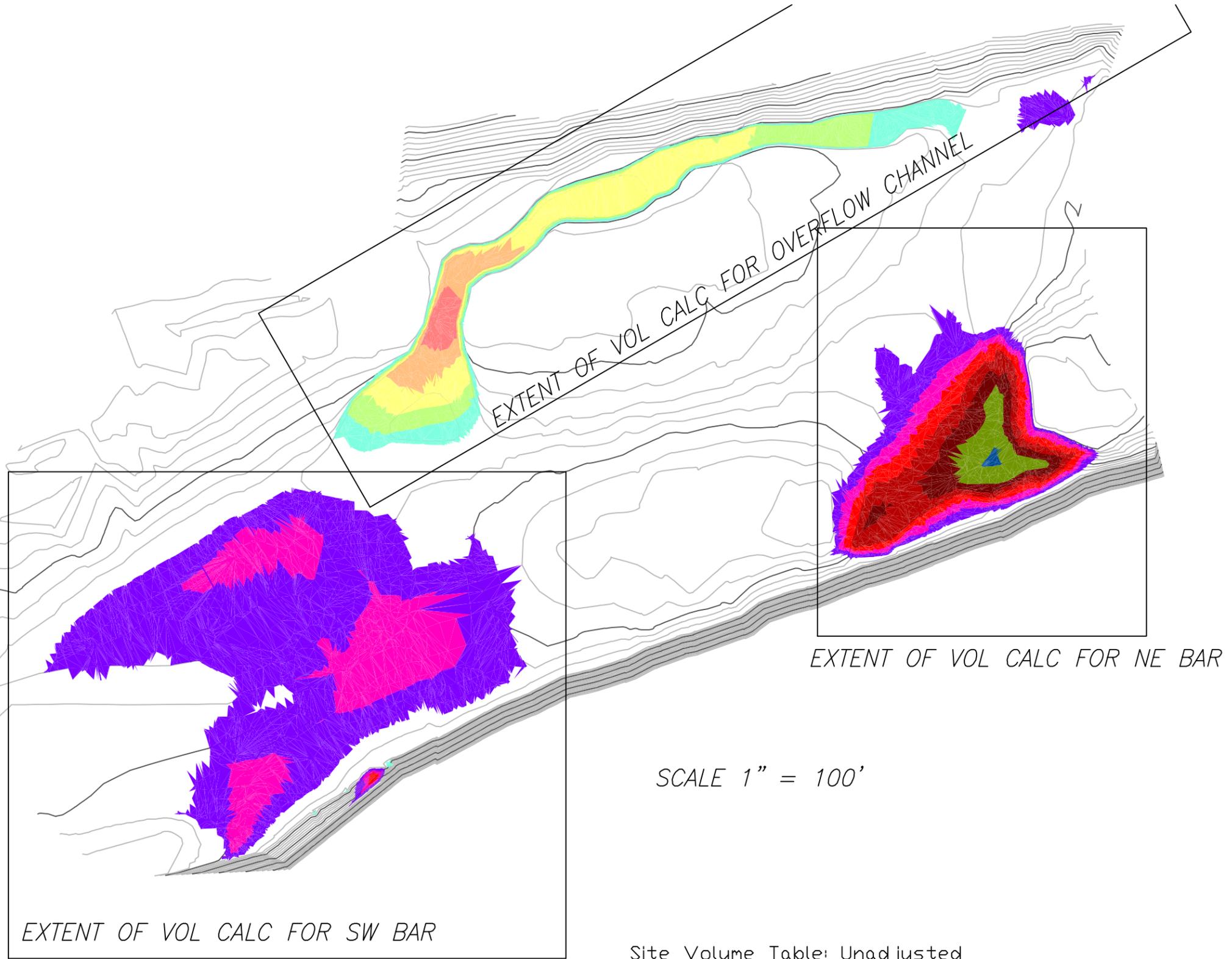


-  Gravel Source
-  Stockpile
-  Public Road Gravel Transport
-  SideChannel
-  GravelAccessStaging
-  Gravel Addition Area

StreetMap



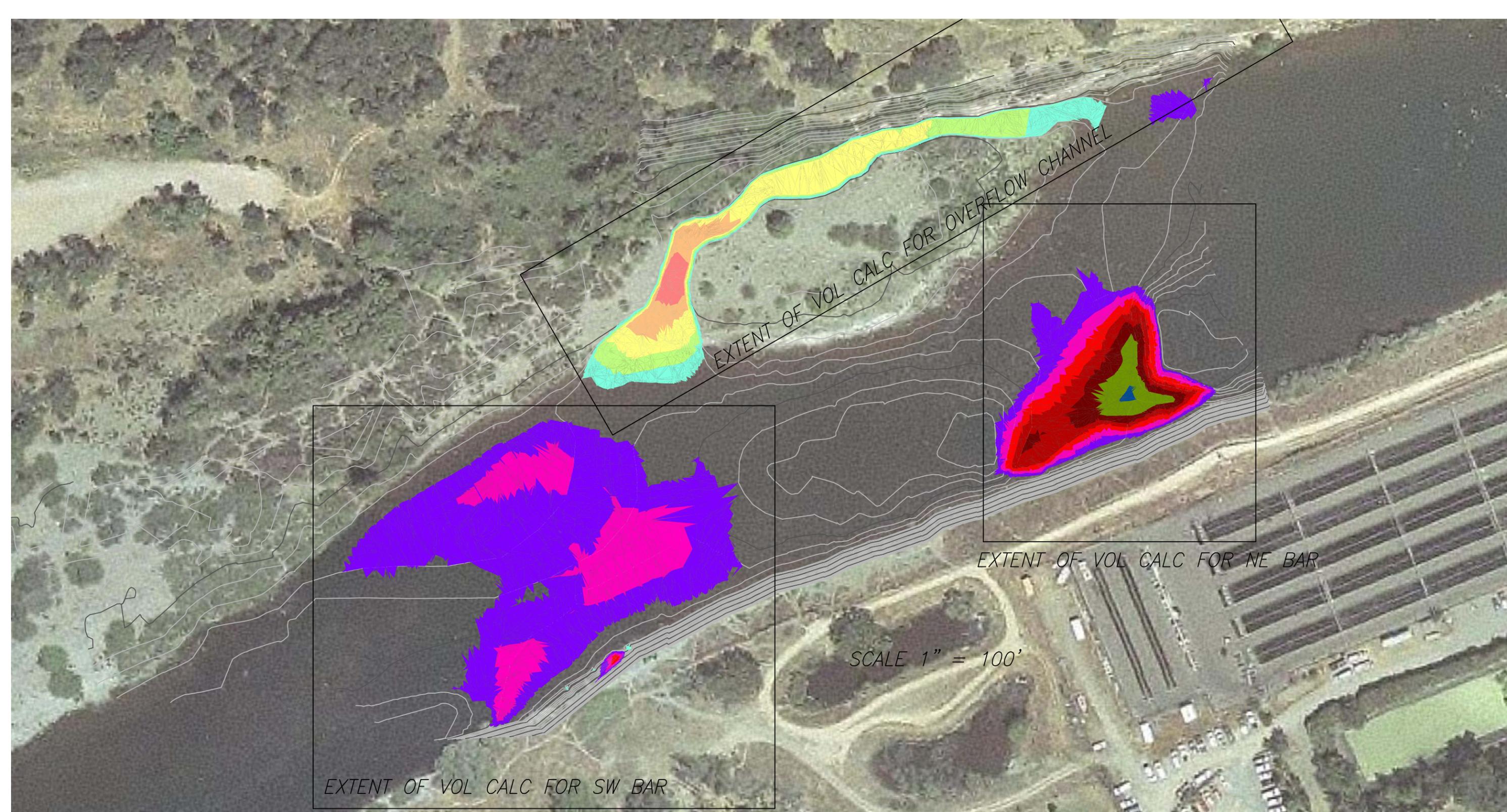
Color	Range Beg.	Range End
Red	-6.00	-5.00
Orange	-5.00	-4.00
Yellow	-4.00	-3.00
Light Green	-3.00	-2.00
Cyan	-2.00	-1.00
White	-1.00	0.00
White	0.00	1.00
Purple	1.00	2.00
Pink	2.00	3.00
Red	3.00	4.00
Dark Red	4.00	5.00
Dark Red	5.00	6.00
Dark Green	6.00	7.00
Blue	7.00	8.00



Site Volume Table: Unadjusted

Site	Stratum	Surf1	Surf2	Cut cu.m.	Fill cu.m.	Net cu.m.	Method

American River							
	total site	surface1	design	3345	9173	5827 (F)	Composite
NE-Bar	total site	surface1	design	3	4087	4084 (F)	Composite
Overflow	total site	surface1	design	3074	118	2956 (C)	Composite
SW-Bar	total site	surface1	design	102	4856	4754 (F)	Composite



Site Volume Table: Unadjusted

Site	Stratum	Surf1	Surf2	Cut cu.m.	Fill cu.m.	Net cu.m.	Method
American River							
NE-Bar	total site	surface1	design	3345	9173	5827 (F)	Composite
Overflow	total site	surface1	design	3	4087	4084 (F)	Composite
SW-Bar	total site	surface1	design	3074	118	2956 (C)	Composite
	total site	surface1	design	102	4856	4754 (F)	Composite