

Figure 1. Horseshoe Pond Restoration Site.



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Figure 2. Aerial photoraph of Horseshoe Pond taken in Month 1943.



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Figure 3. Newly completed road and dam at southern end of Horseshoe Pond.
June 6, 1952.



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Figure 4. Spillway crossing and road to east pastures while still active. October 1990.
Photo courtesy of Don Gunn.



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Figure 5. Photo of cows grazing within Horseshoe Pond. October 1990.
Photo courtesy of Don Gunn.



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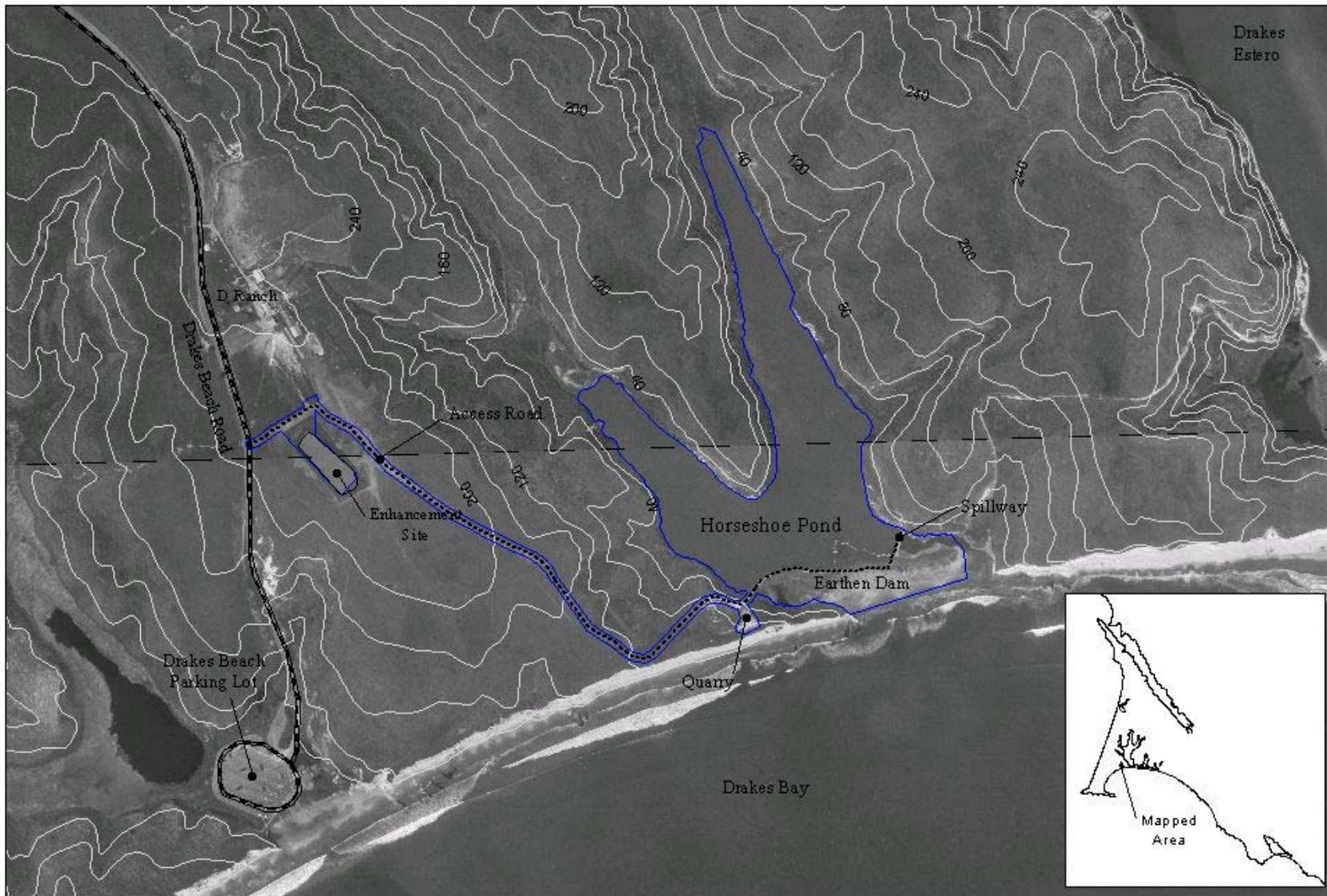


Figure 6. Horseshoe Pond Restoration Project Area.

Project Area



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Figure 7. Photo of spillway facility with approximate location of access road and components slated for removal outlined.

 Access Road  Earthen Berm  Concrete Spillway



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Figure 8. Photo of historic channel site with approximate area of earthen berm to be removed and channel to be established outlined in blue.



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Figure 9. Photo of quarry and anch road marked for restoration under Alternative B.



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12/19/2001



1/2/2002



Figures 10 and 11. Photos before and after partial failure of spillway facility showing dramatic loss of water capacity in Horseshoe Pond.



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Figure 12. Photo of spillway failure as water continues to drain out of Horseshoe Pond.
January 3, 2002.



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Figure 13. Photo of Horseshoe Pond shortly before drying out completely in the fall of 2002. September 30, 2002. Photo courtesy of Kenneth Adelman (www.californiacoastline.org).



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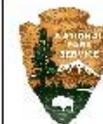
Figure 14. Red tide event in outflow channel between the concrete spillway and Drakes Beach.
May 31, 2001.



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Figure 15. Photo of dead three-spine stickleback floating at surface of Horseshoe Pond during period of low dissolved oxygen concentrations. June 27, 2001.



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Figure 16. Soil types in the vicinity of the Horseshoe Restoration Project Study Area (SCS 1985).

Study Area
 Soil Types



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0 250 500 750 1000 Feet





Figure 17. Photo of fill material currently blocking the historic outflow of Horseshoe Pond.



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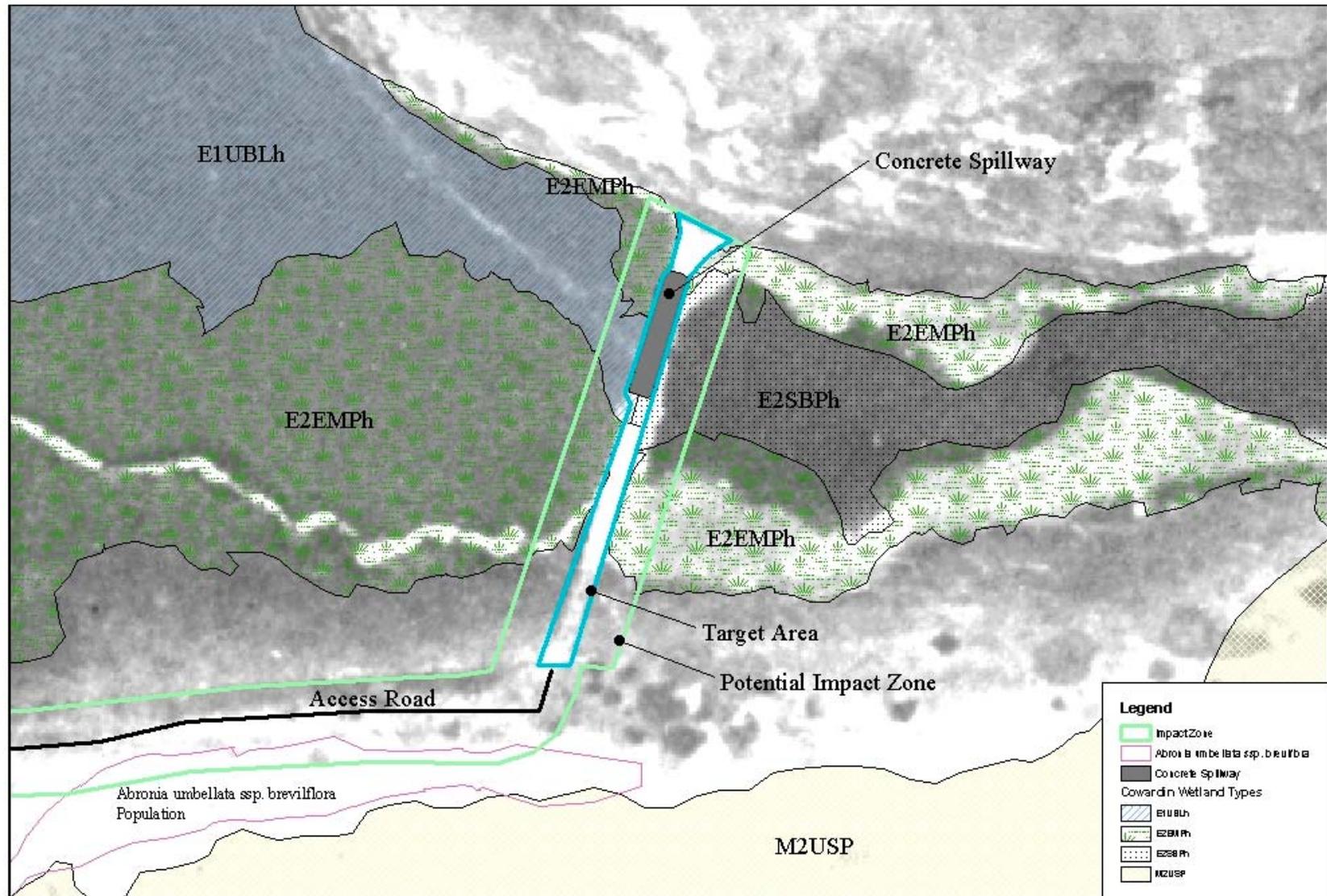


Figure 18. Detailed view of impact zone required to remove concrete spillway and earthen berm currently impeding pond outflow.

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0 12.5 25 50 75 100
Feet

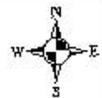
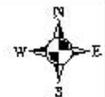




Figure 19. Detailed view of affected area required for development of Enhancement Site.

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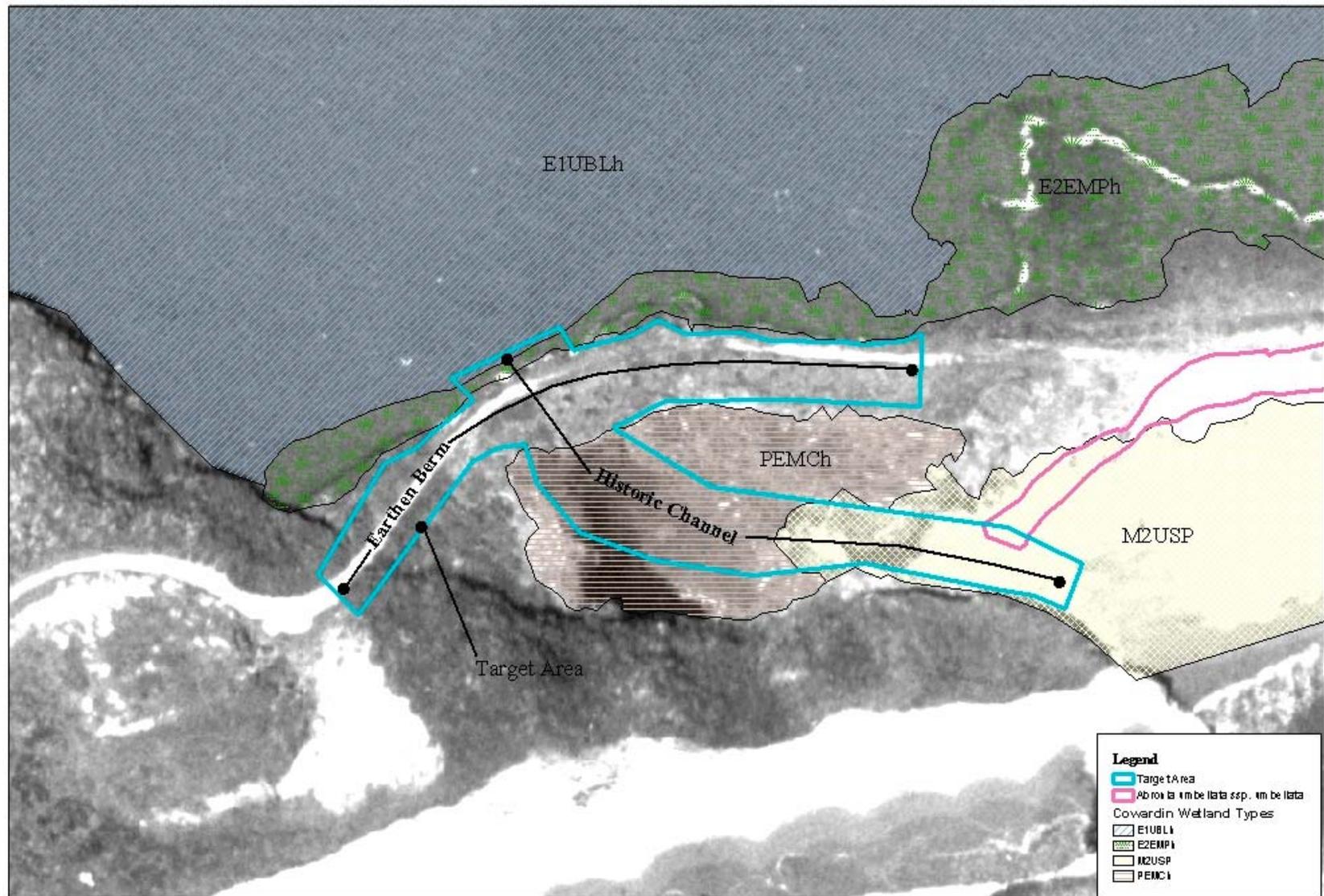
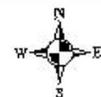


Figure 20. Detail of area to be affected by restoration of historic channel to Drakes Beach.

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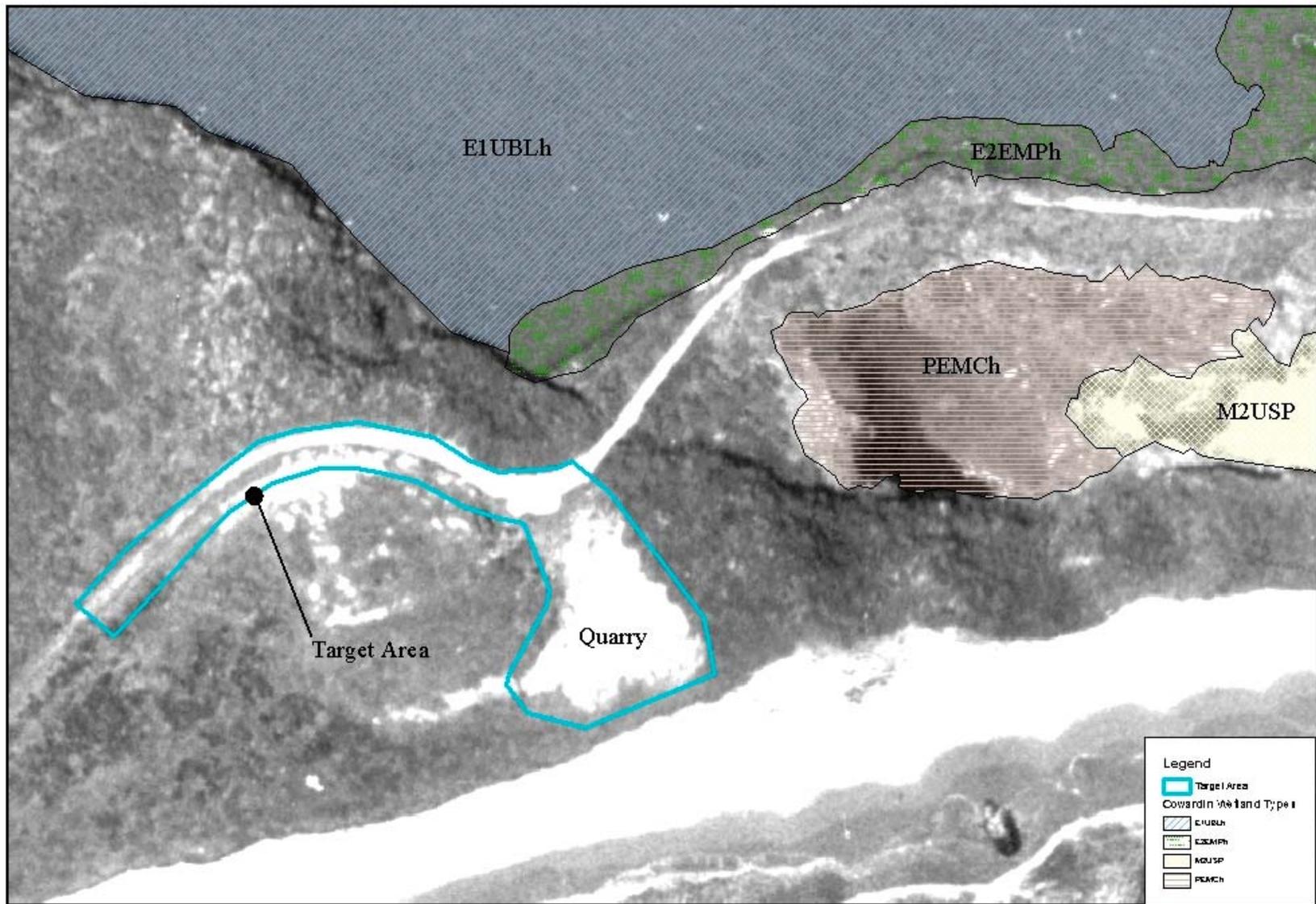


Figure 21. Detailed view of area to be affected by quarry restoration and close-out of the road leading to Horseshoe Pond.

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