

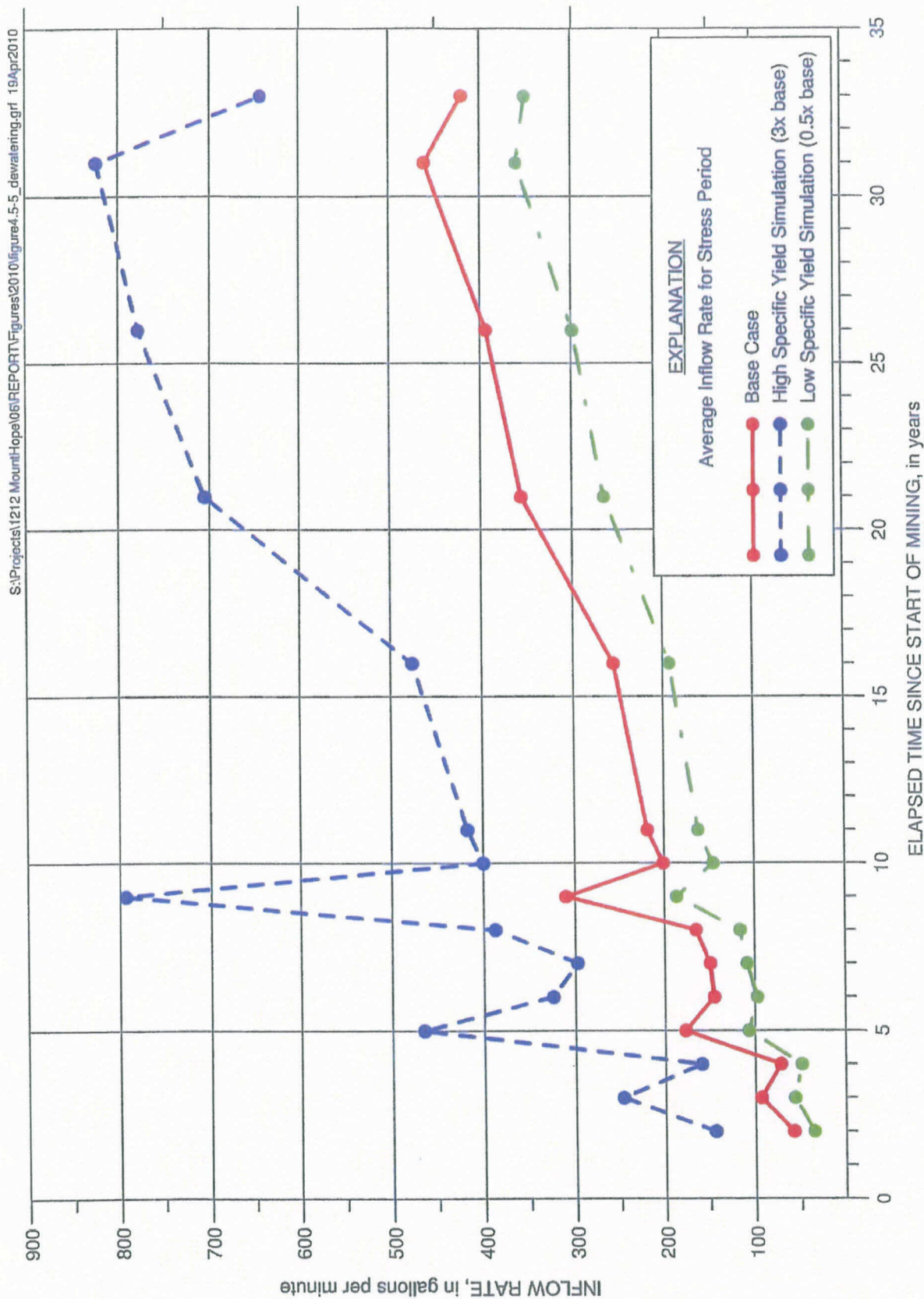


Figure 4.5-5. Groundwater Inflow to Pit During Mining as Predicted by Local Model

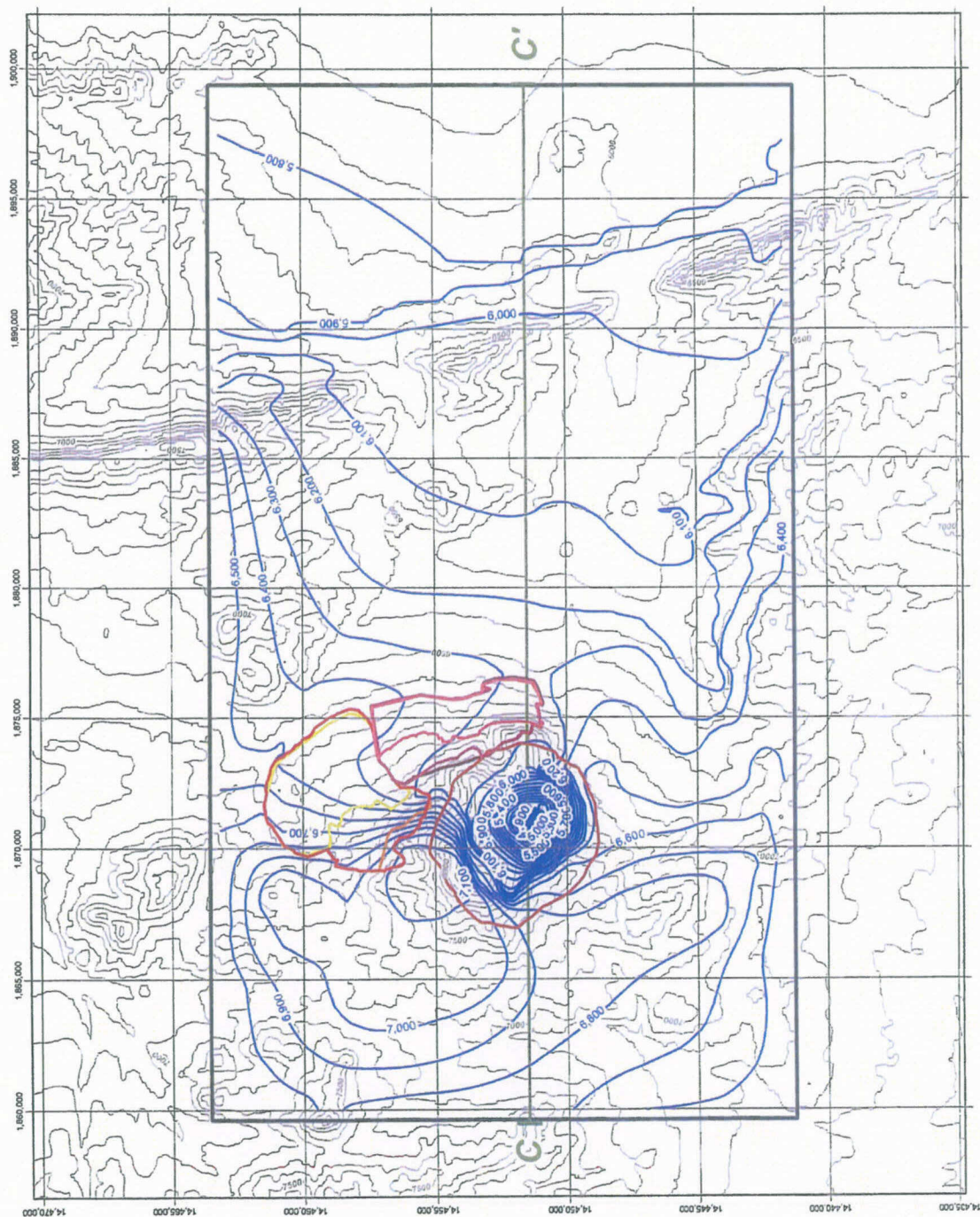


Figure 4.5-6. Projected Groundwater Levels Resulting from Cumulative Action at End of Open Pit Mining

Date: 04/17/2010 Filename: GIS-Tutorial\12\BSP\BSP01_GW_Inv.mxd UTM NAD83, Zone 11

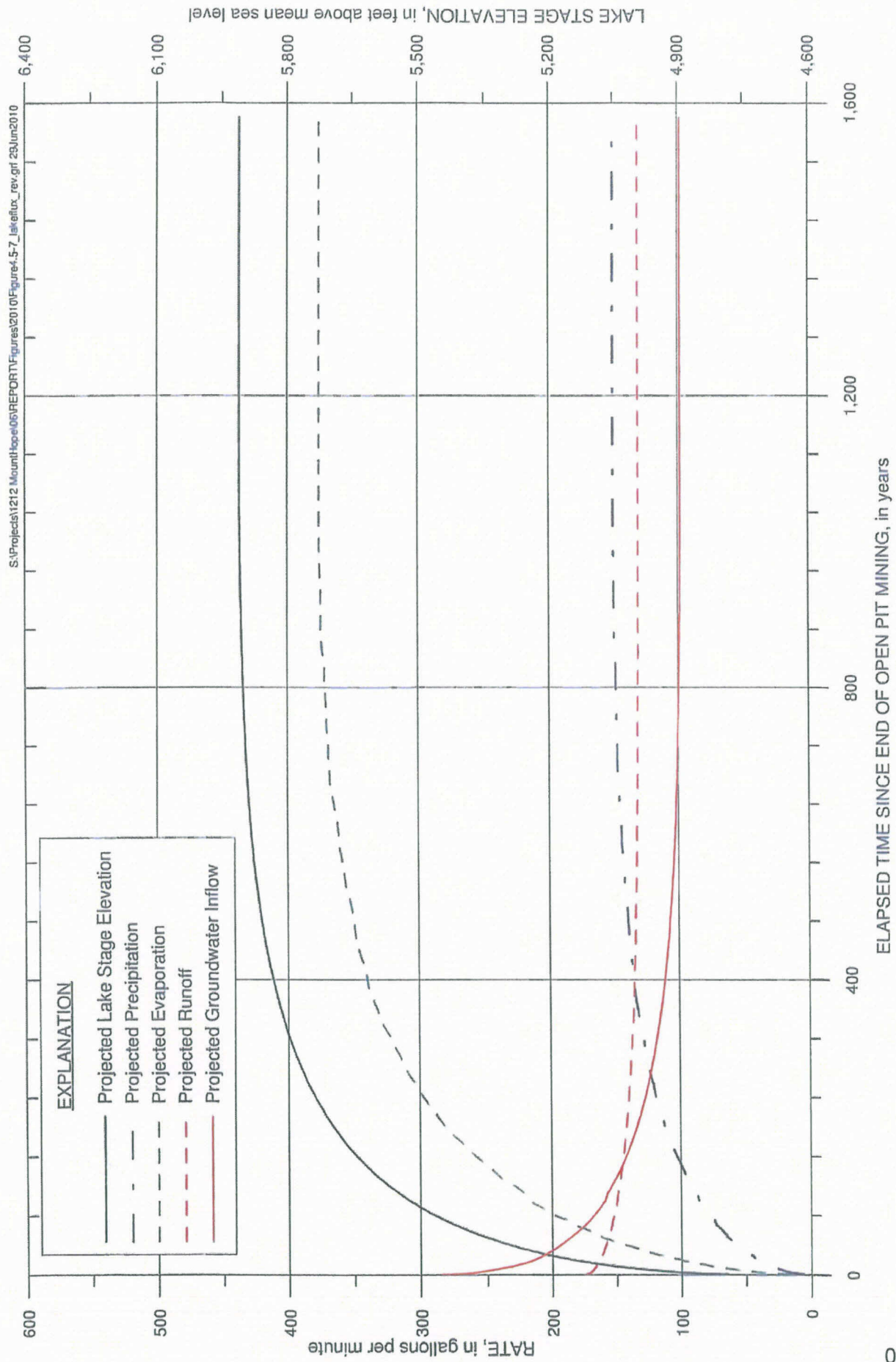


Figure 4.5-7. Projected Pit-Lake Fluxes and Pit-Lake Stage Elevation After End of Open Pit Mining

001697

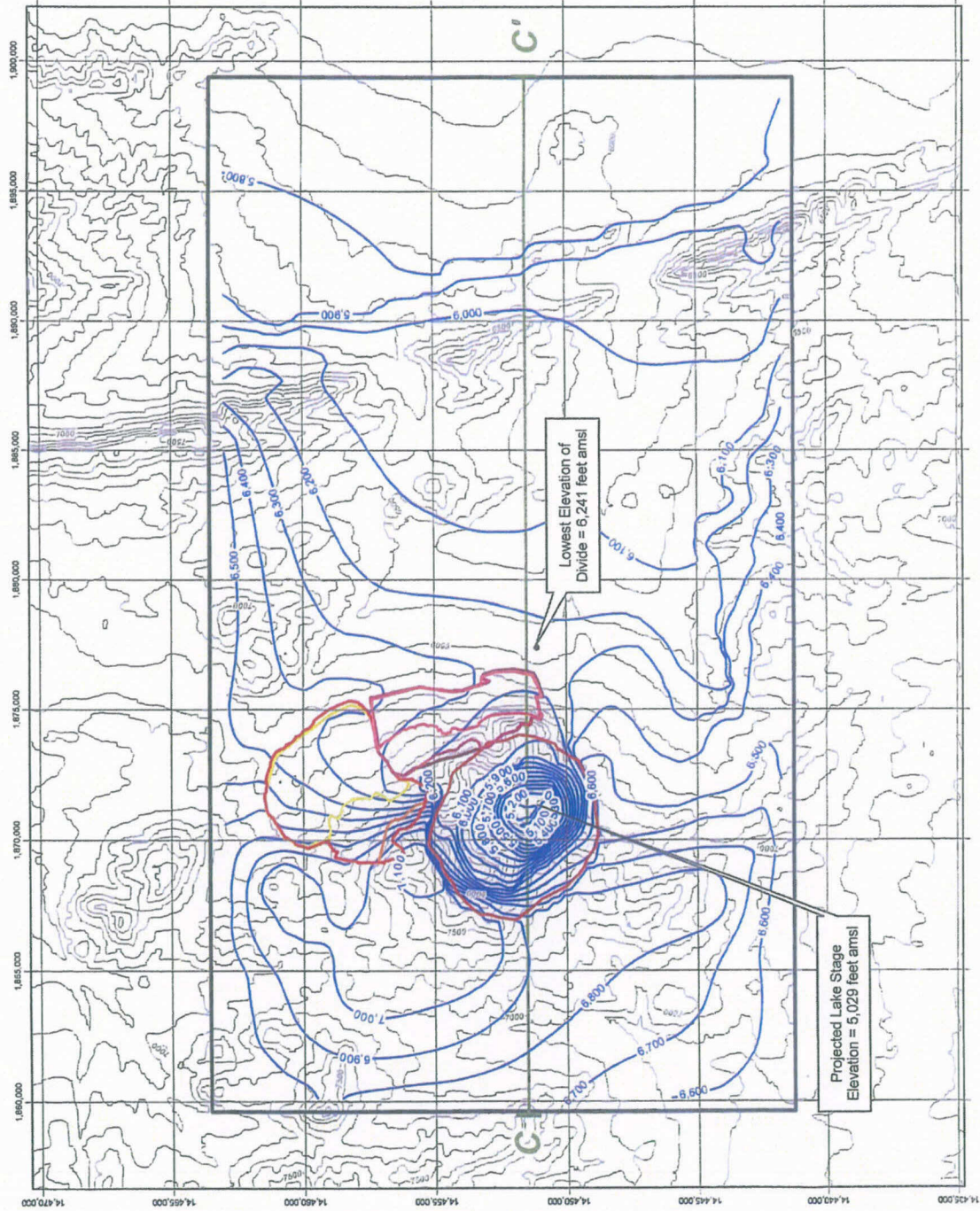


Figure 4.5-8. Projected Groundwater Levels and Lake Stage Resulting from Cumulative Action 10 Years After End of Open Pit Mining

Date: 04/22/2010 Filename: GIS-Tu121206Report10_GW_level_UTM_14Q33_Zone 11

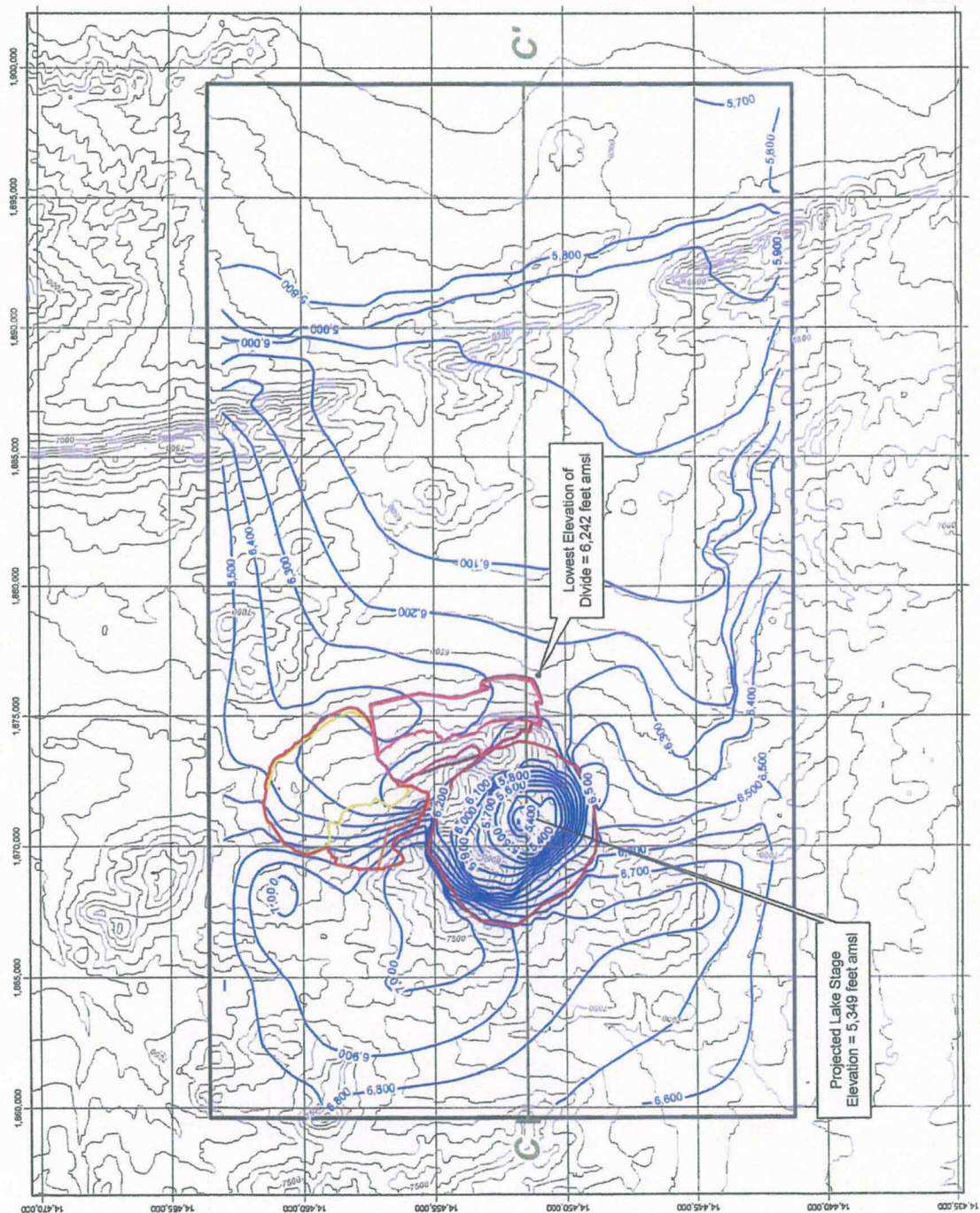
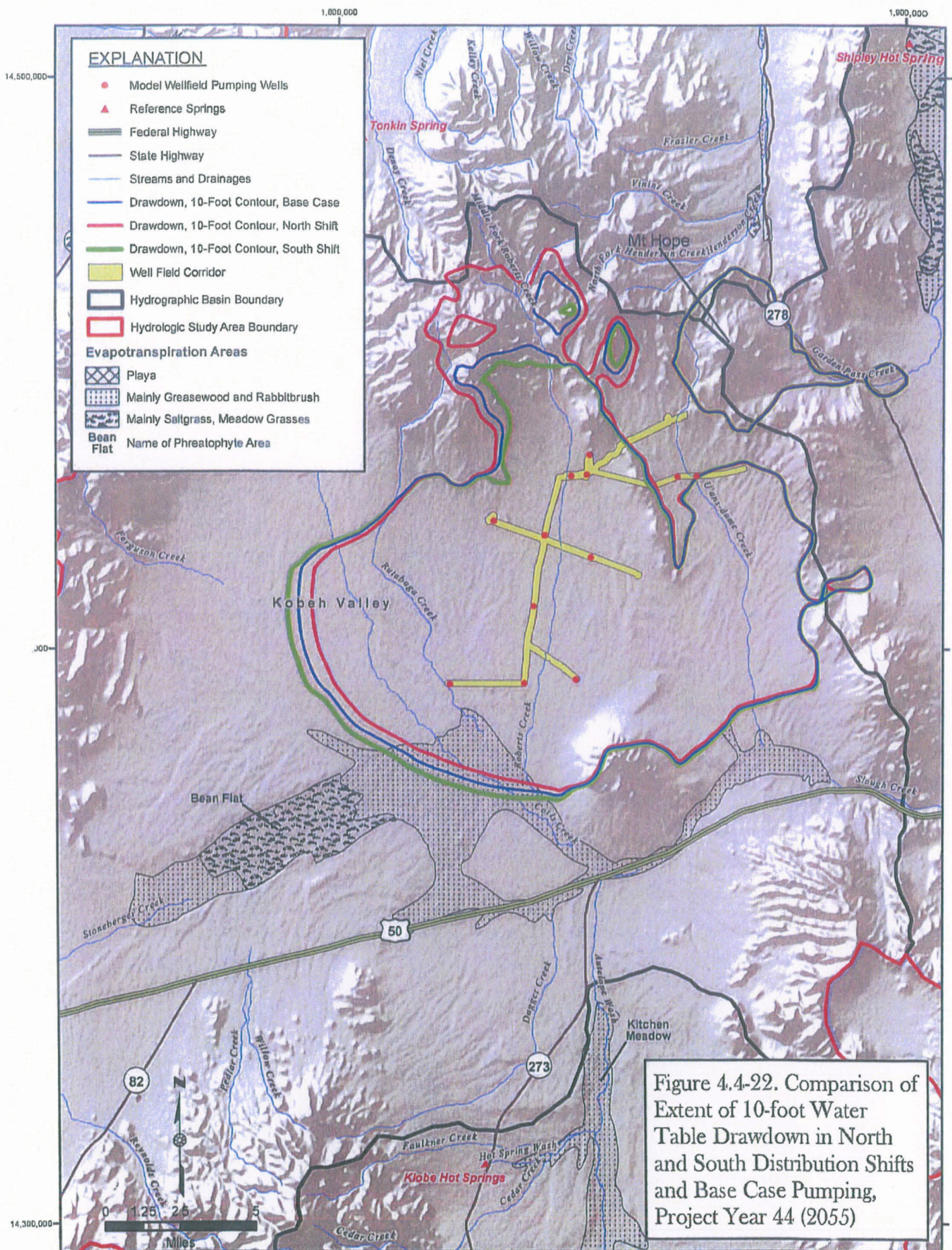


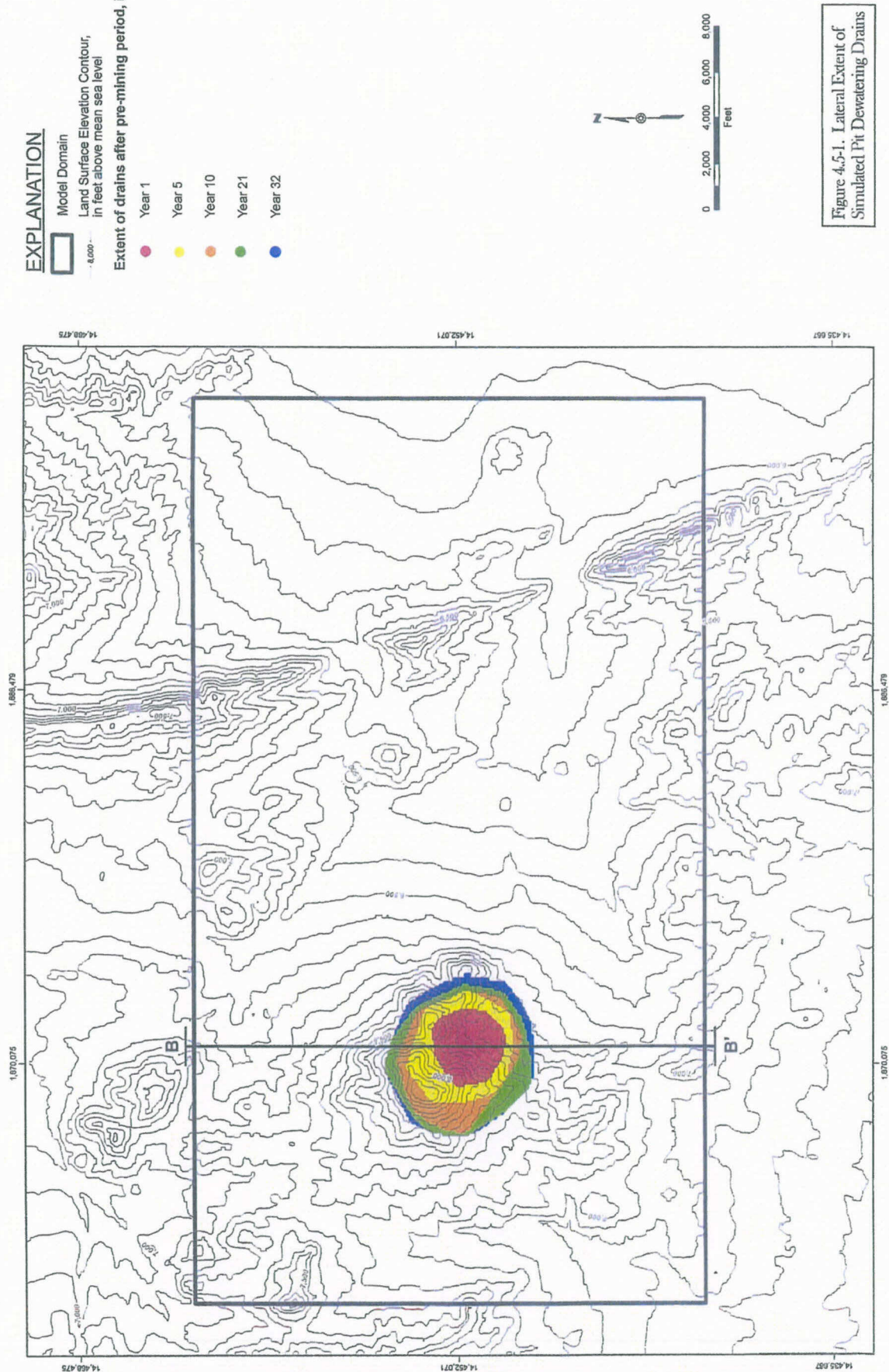
Figure 4.5-9. Projected Groundwater Levels and Lake Stage Resulting from Cumulative Action 50 Years After End of Open Pit Mining

Data: 04/22/2010 File name: GIS-116121268Report05_GW_level_normal UTM Model Zone 11



Date: 7/02/10 File Name: \\Z:\Mount Hope_GIS_Project\Revised\Figures_June2010\ComparisonNorthSouthBase_DD_Layer1_MineYear44MA_Rev.mxd UTM NAD83, Zone 11

001690



Date: 04/07/2010 Filename: GIS-Tue1212106Report/LateralDrainExtent_00_Rev.mxd NA03SUTM Zone 11

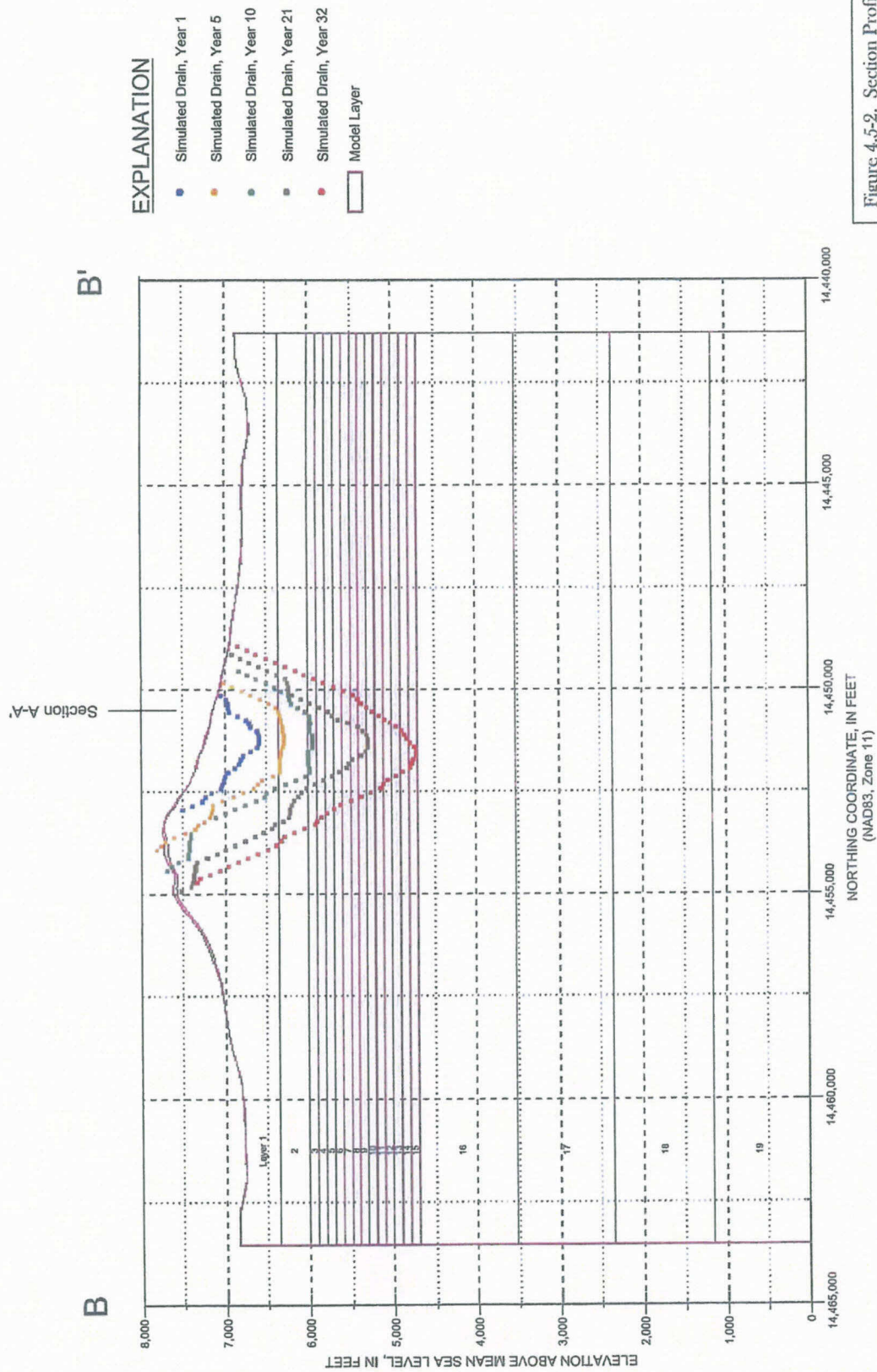
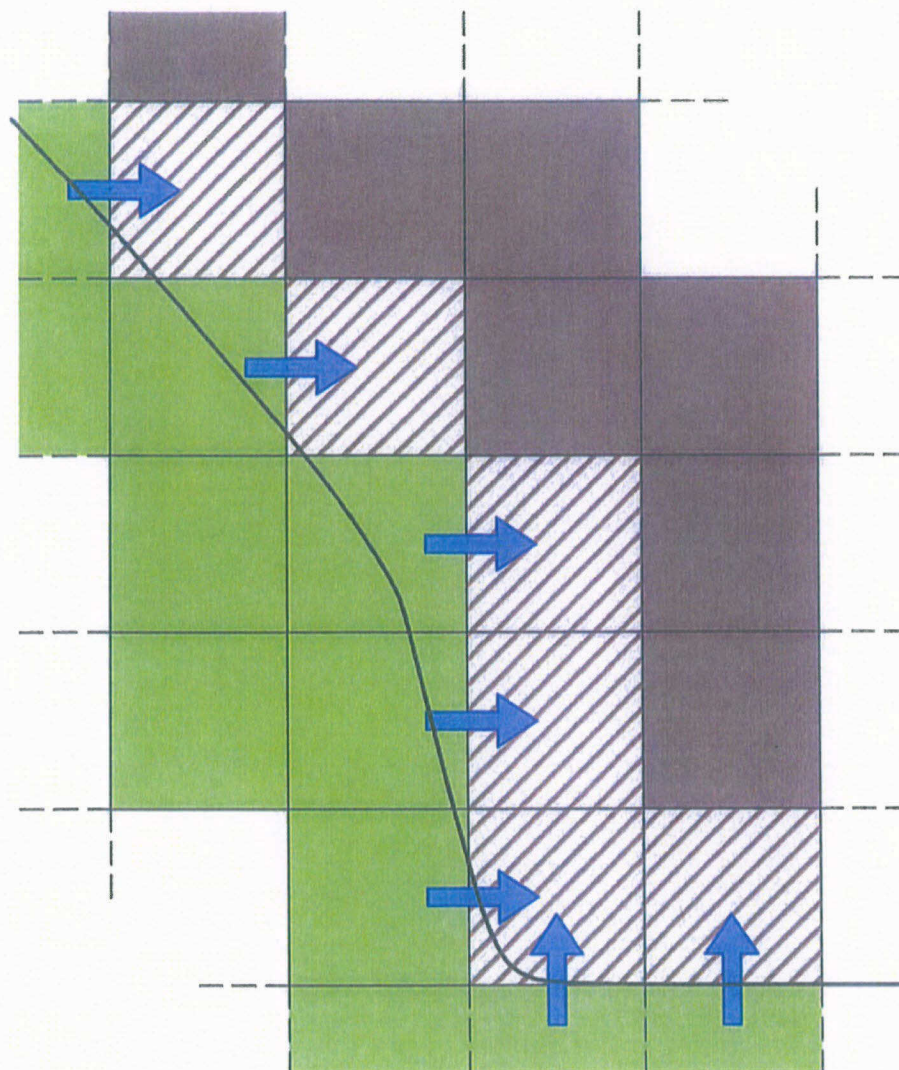
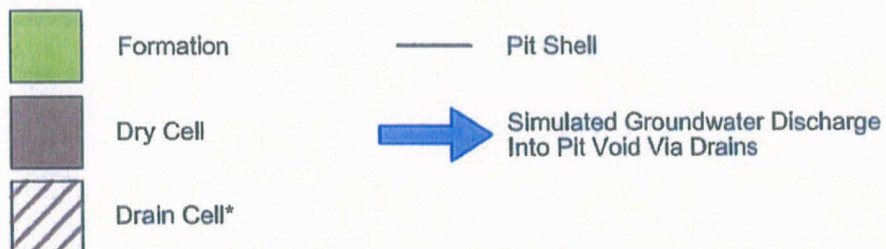


Figure 4.5-2. Section Profile
of Simulated Drains in
Groundwater Flow Model Cells



EXPLANATION



* Drain elevation is specified 10 feet below the cell bottom.

Figure 4.5-3. Conceptual Vertical Section Diagram of Model Drain Cells

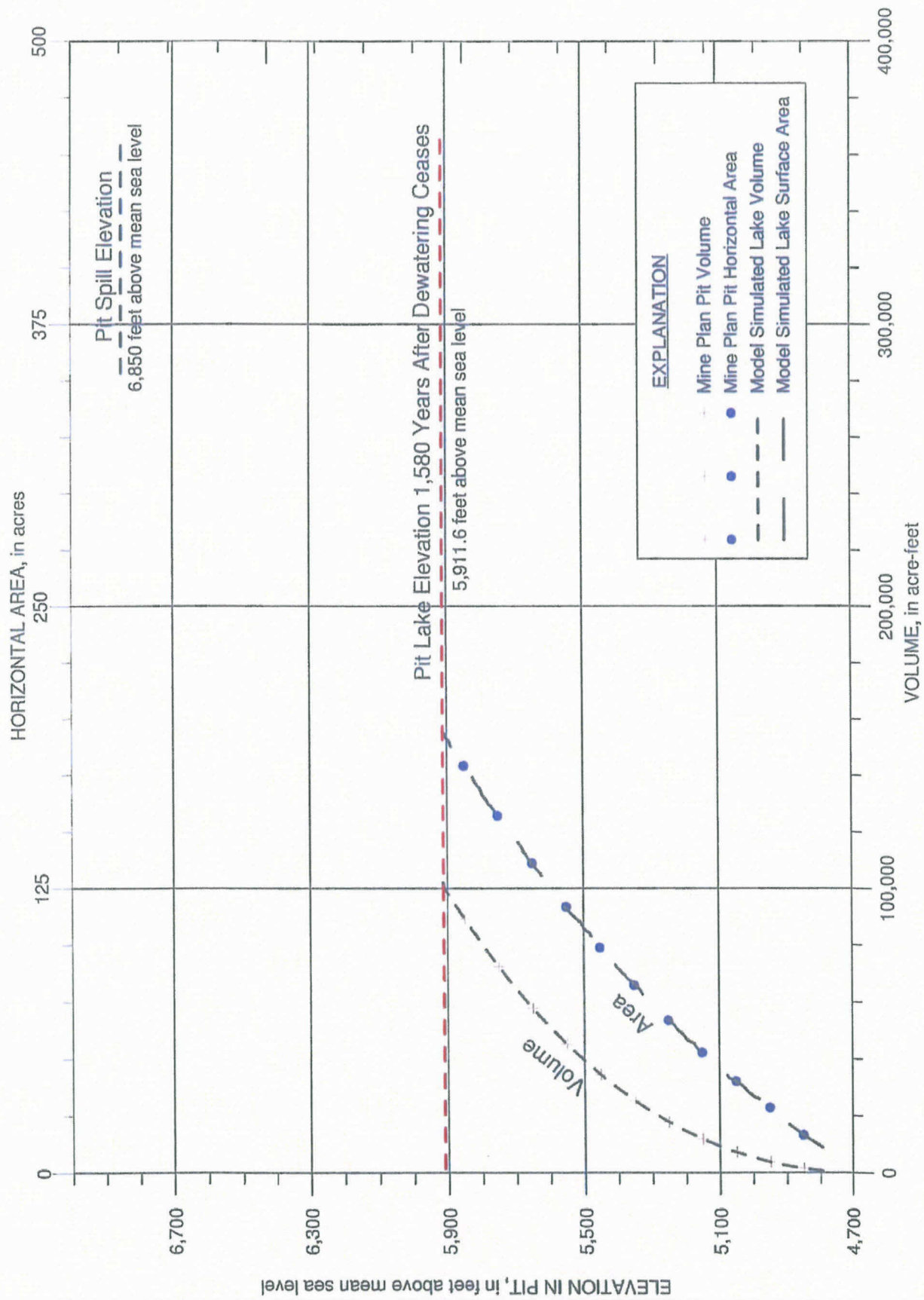


Figure 4.5-4. Lake Surface Elevation Versus Lake Surface Area and Lake Volume

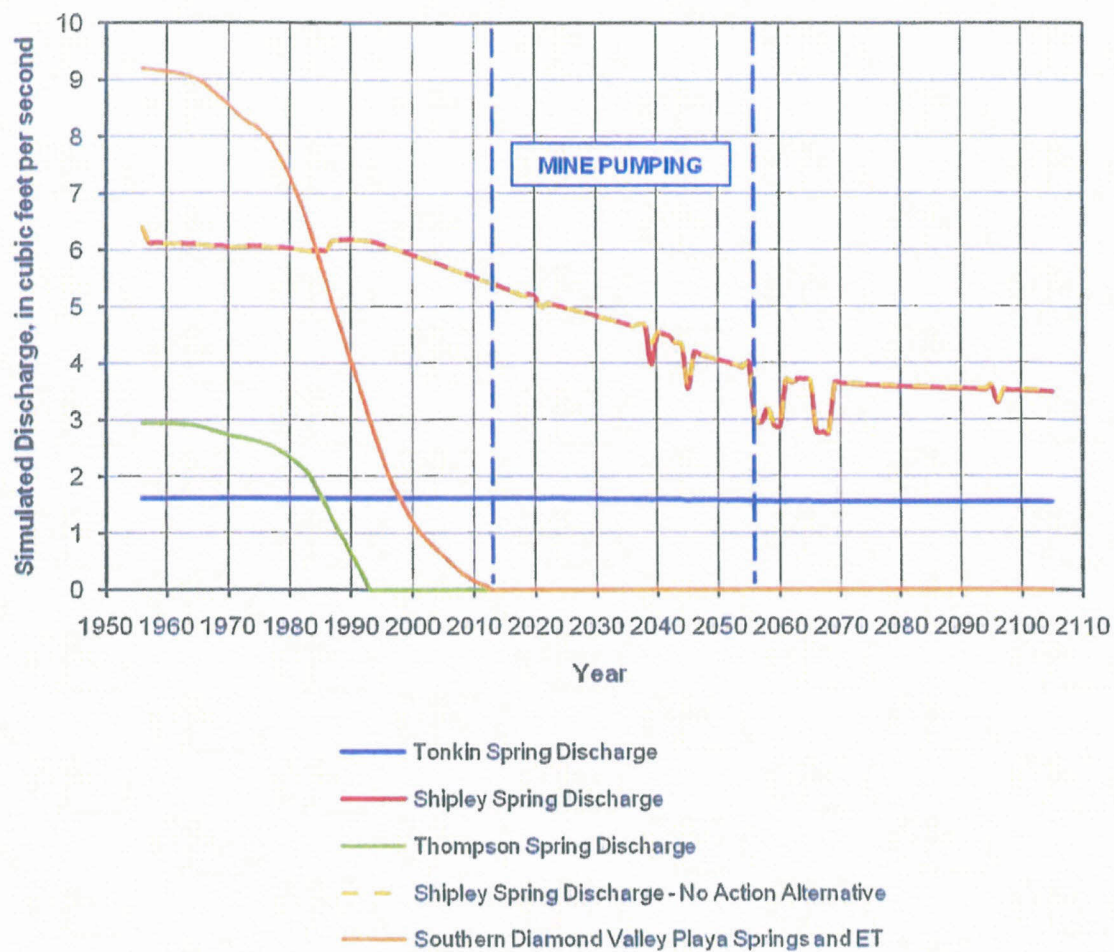
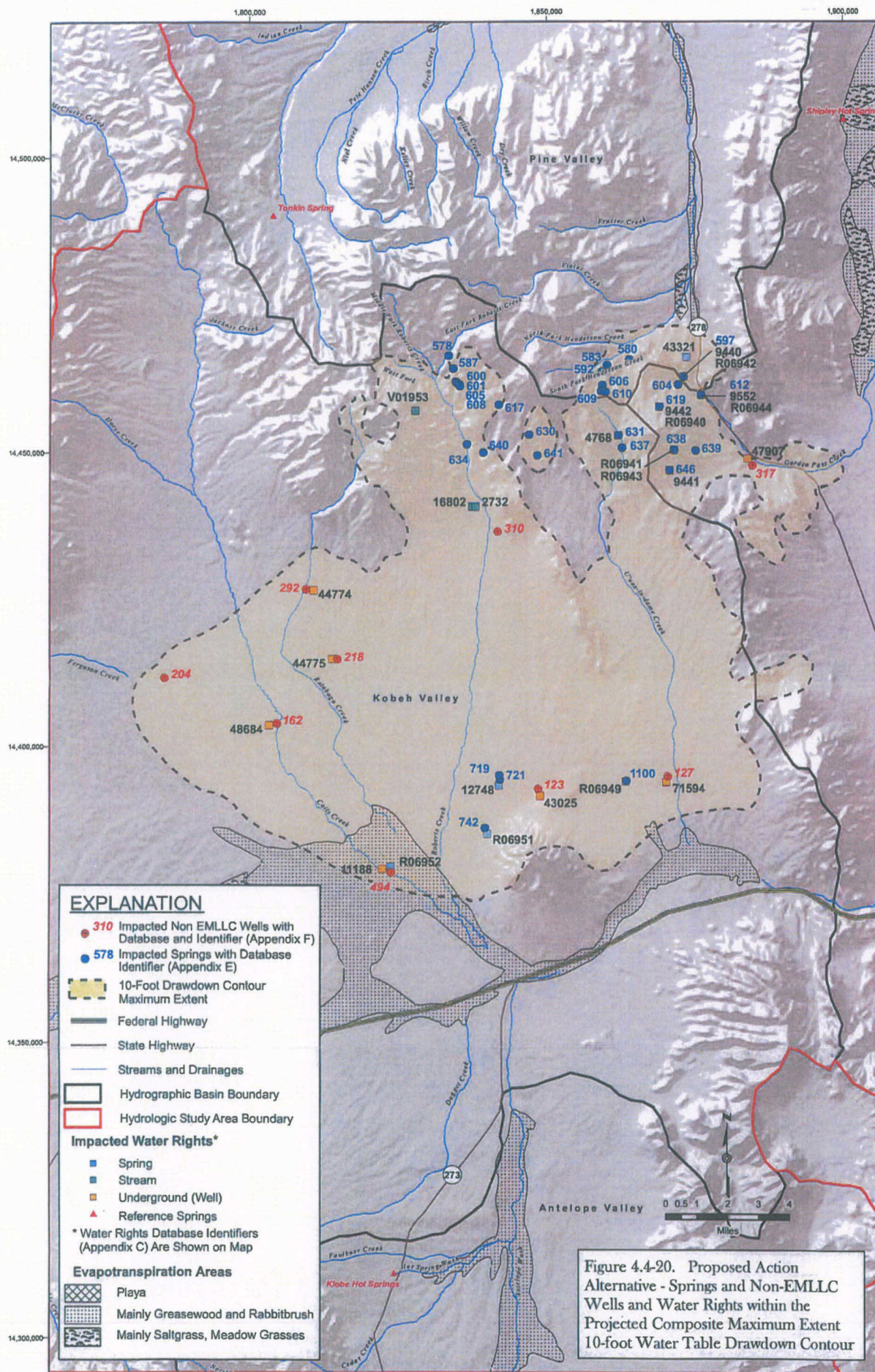
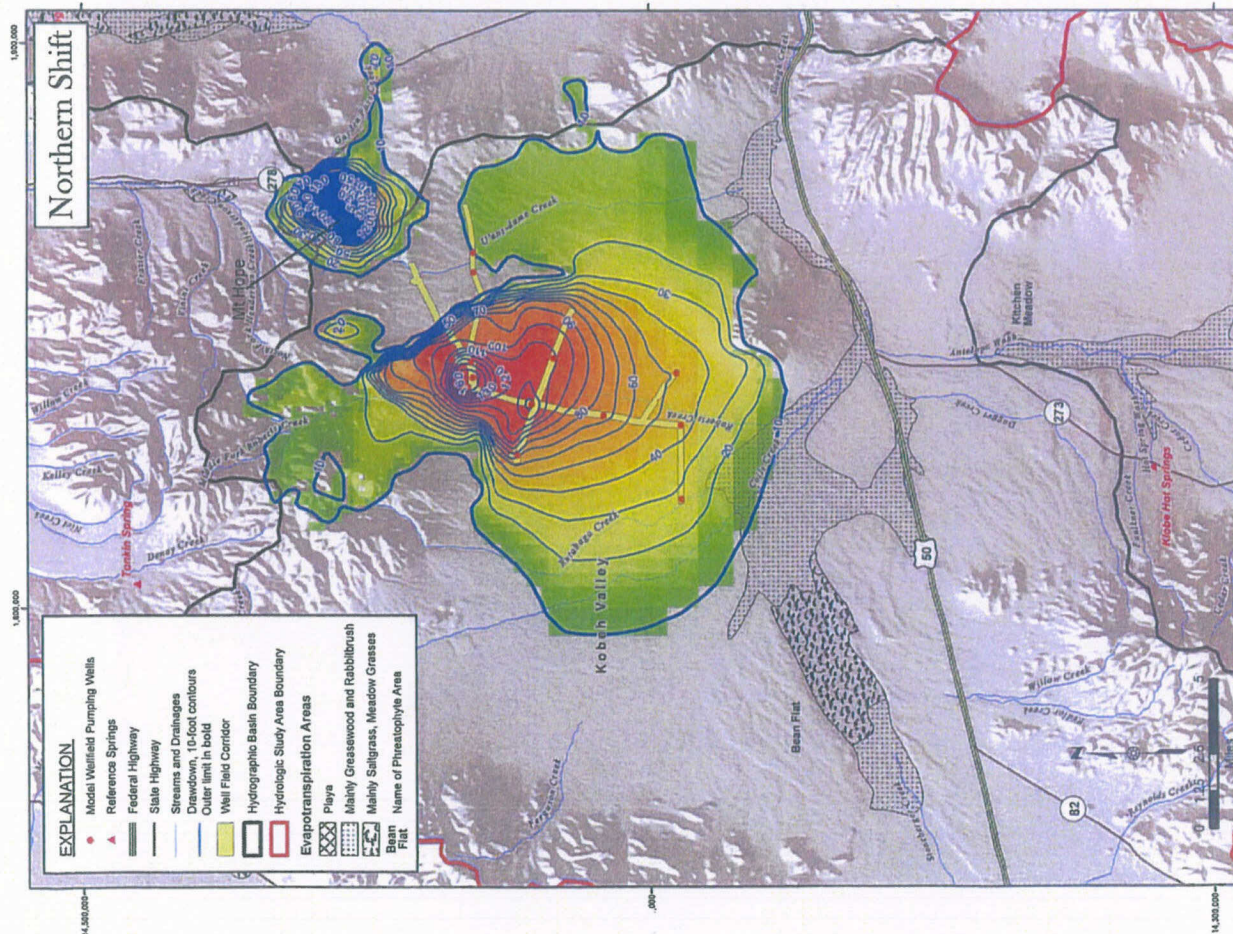
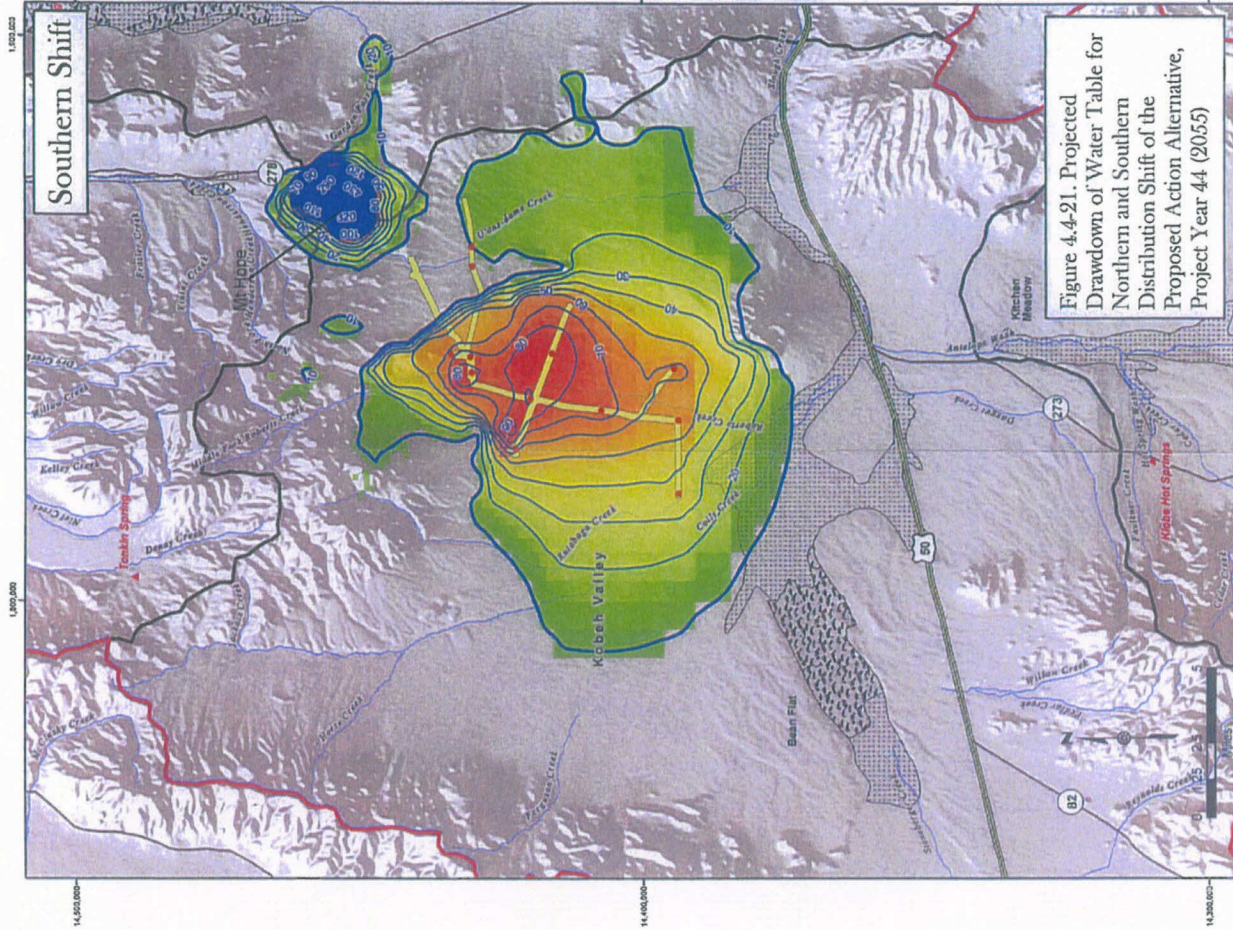


Figure 4.4-19. Simulated Tonkin, Shipley, and Thompson Spring and Southern Diamond Valley Playa Springs and Evapotranspiration Discharges for Cumulative Action Scenario and Simulated Shipley Spring Discharge for No Action Alternative



Date: 08/02/10 Filename: Z:\interflowshare\projectfiles\MountHapi_GIS_Project\revisedFigures_June2010\ProposedAction_SpringsWellsWaterRights_within_Extent_Rev.mod UTM NAD83, Zone 11

001688



Data: 7/22/10 Filename: Z:\waterflow\sharproject\mountainhope_GIS_Project\RevisedFigures_June2010\NorthSouthSHR_DO_Layer1\Map\Map44_Revised_UTM NAD83_Zone 11

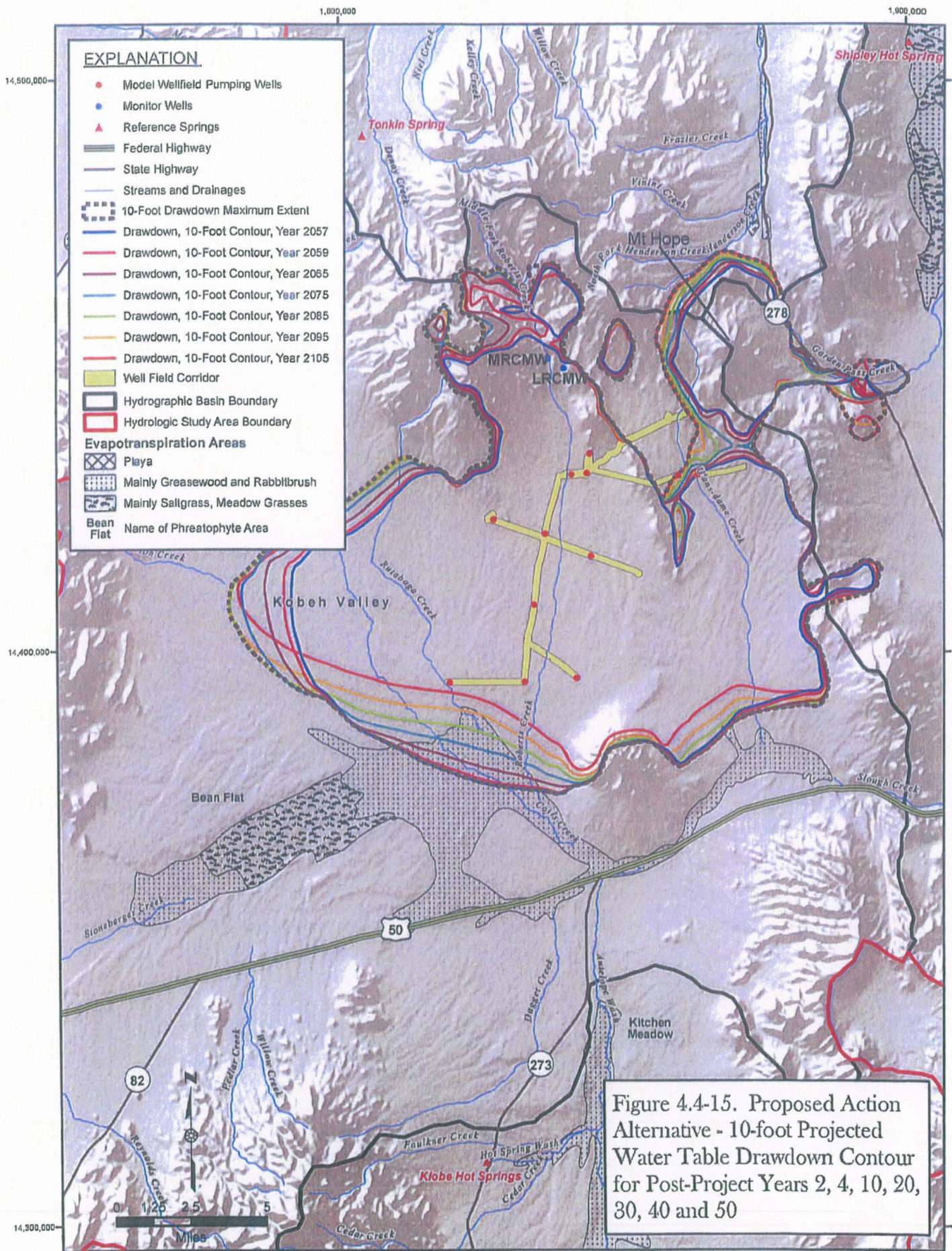


Figure 4.4-15. Proposed Action Alternative - 10-foot Projected Water Table Drawdown Contour for Post-Project Years 2, 4, 10, 20, 30, 40 and 50

Data: 07/07/10 Filename: Z:\nriar\files\main\hans GIS Project\Transient Model\Cumulative\Work\in\Draw MA\Final\Drawdown Post\Years 2 4 10 20 30 40 50 Rev.mxd 10/14/2010 Zone 11 001683

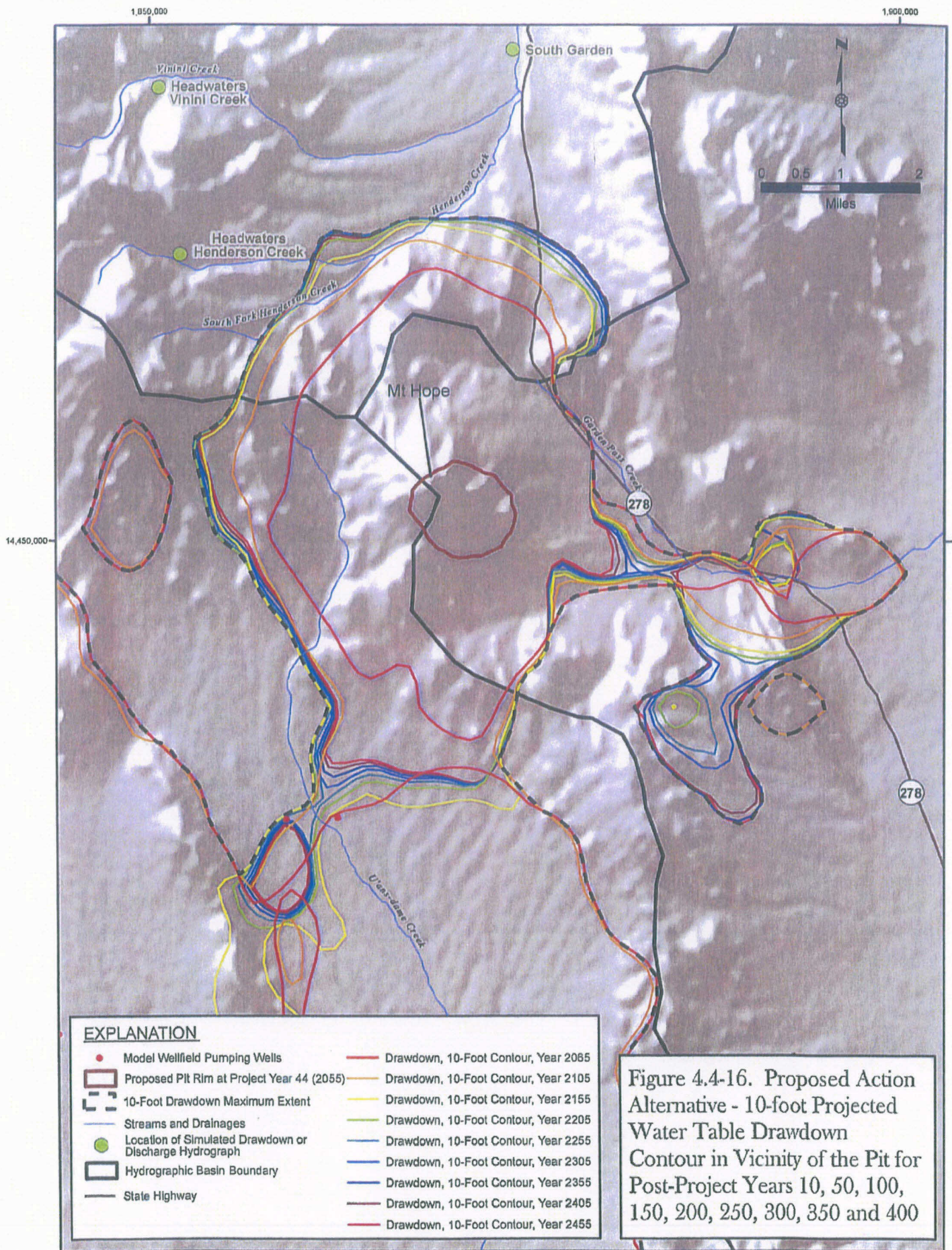


Figure 4.4-16. Proposed Action Alternative - 10-foot Projected Water Table Drawdown Contour in Vicinity of the Pit for Post-Project Years 10, 50, 100, 150, 200, 250, 300, 350 and 400

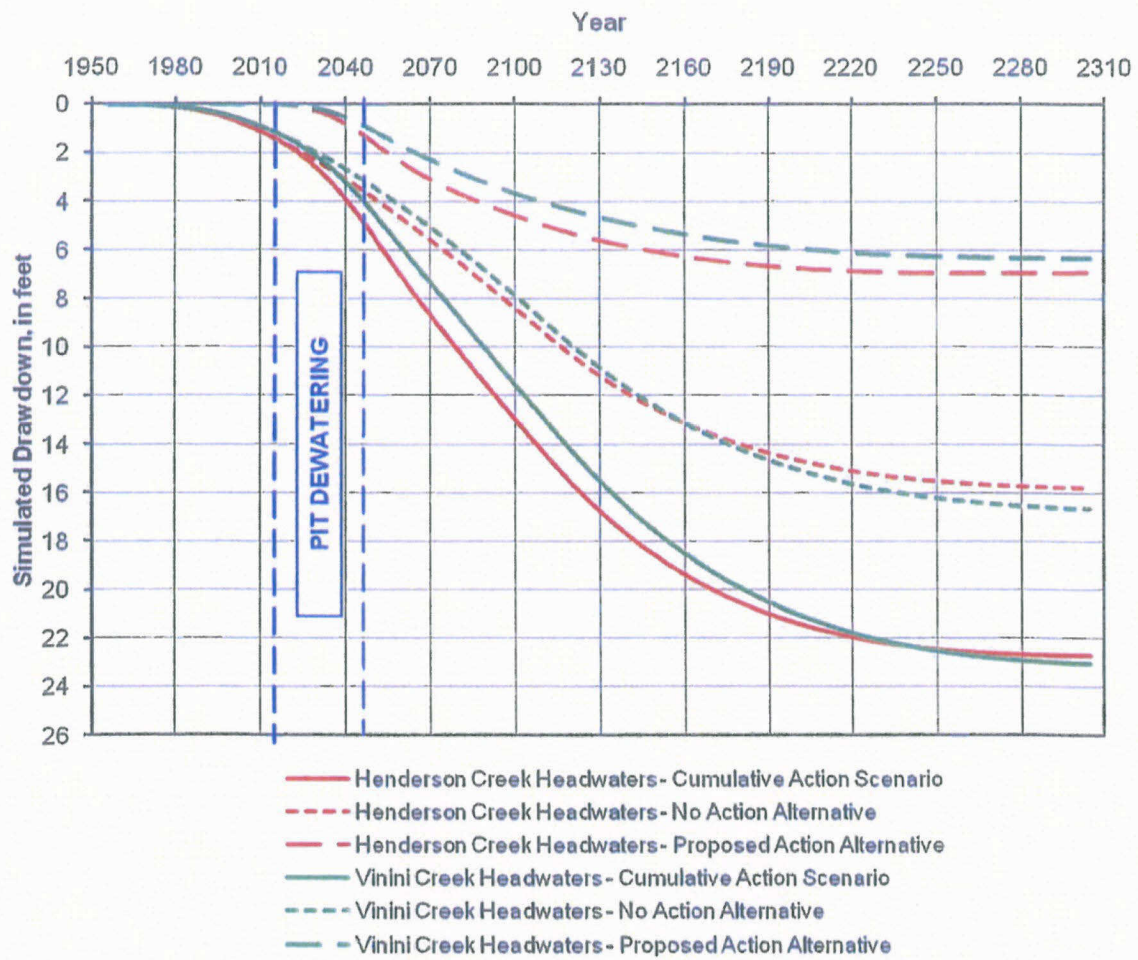


Figure 4.4-17. Simulated Water Table Drawdown in Upper Henderson Creek and Upper Vinini Creek (Drawdown Calculated from 1955)

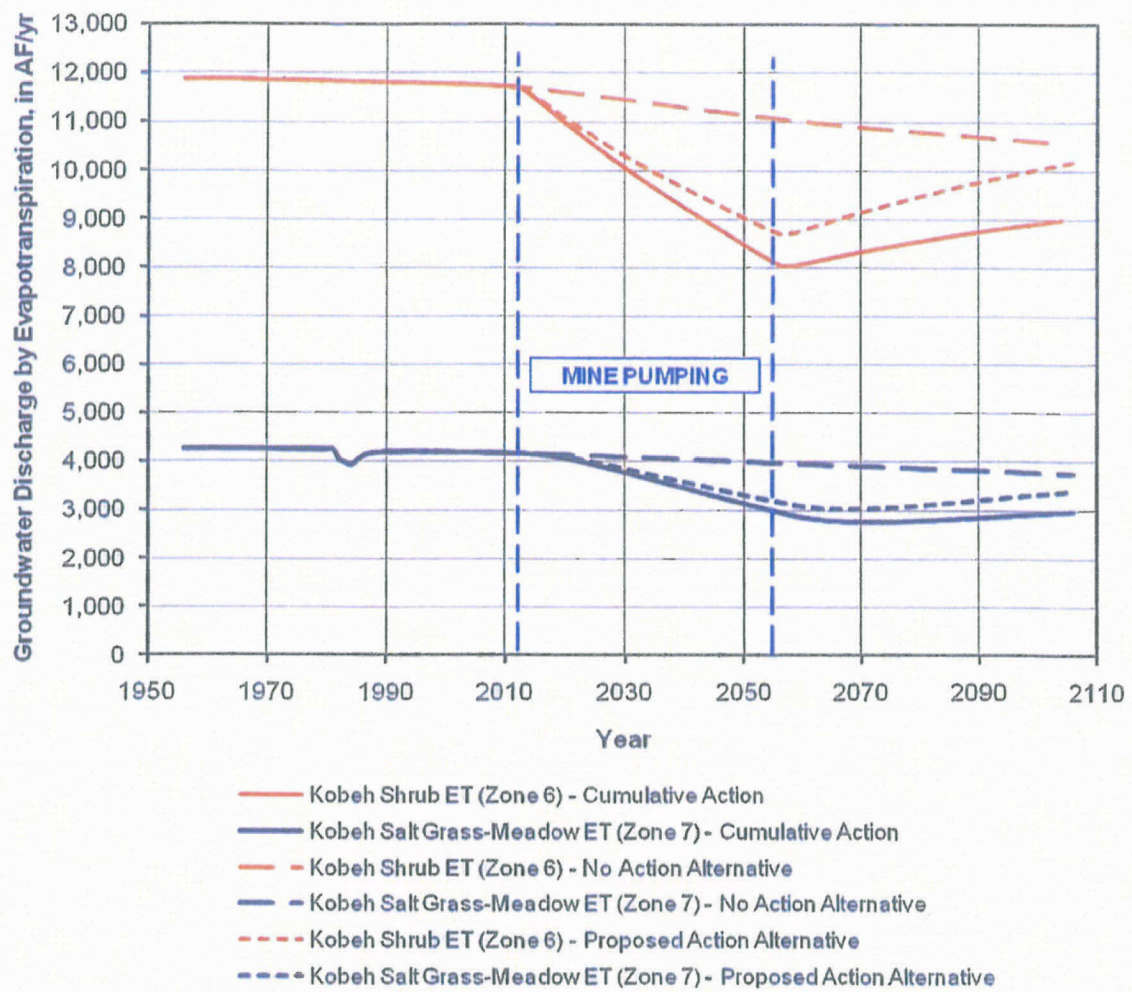
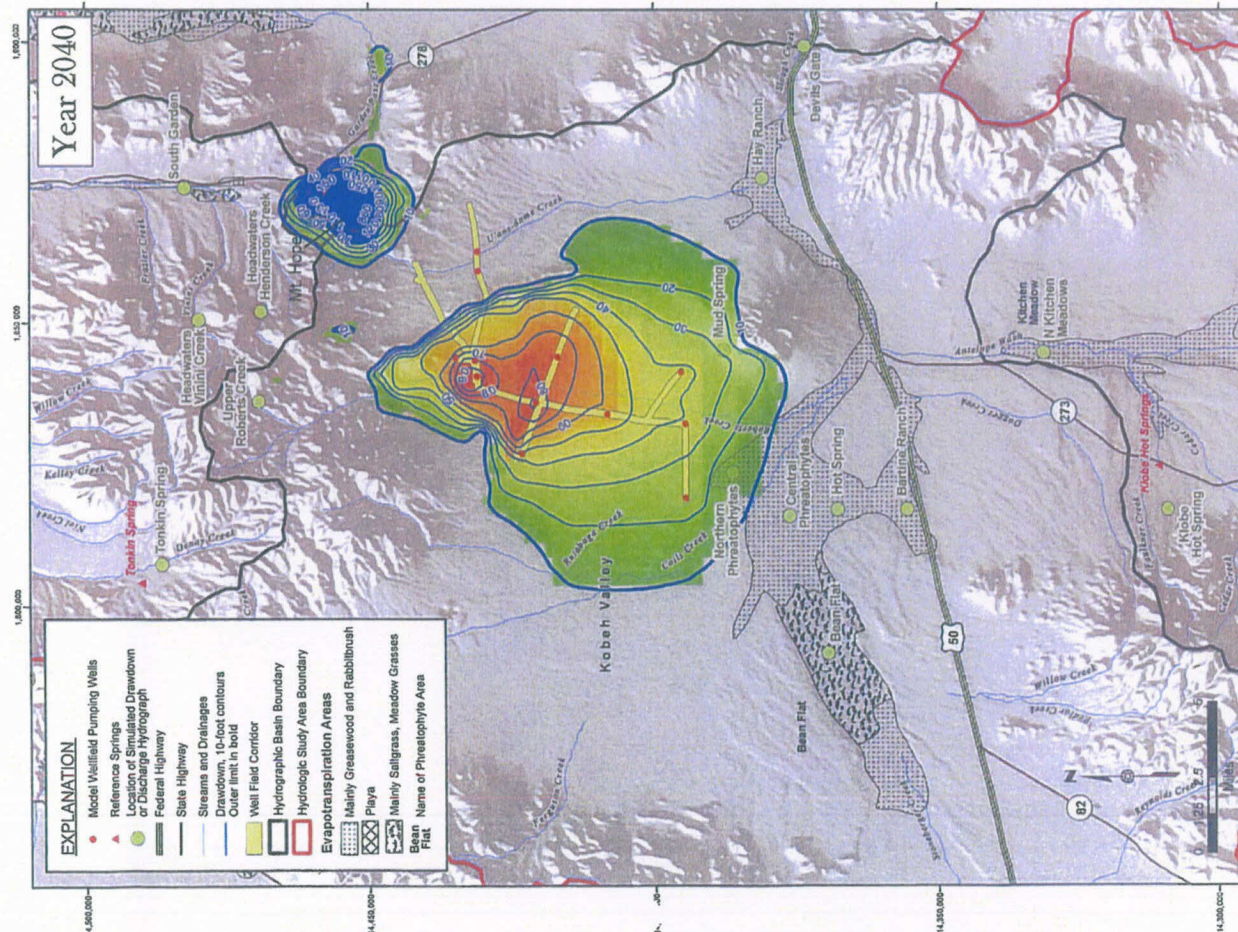
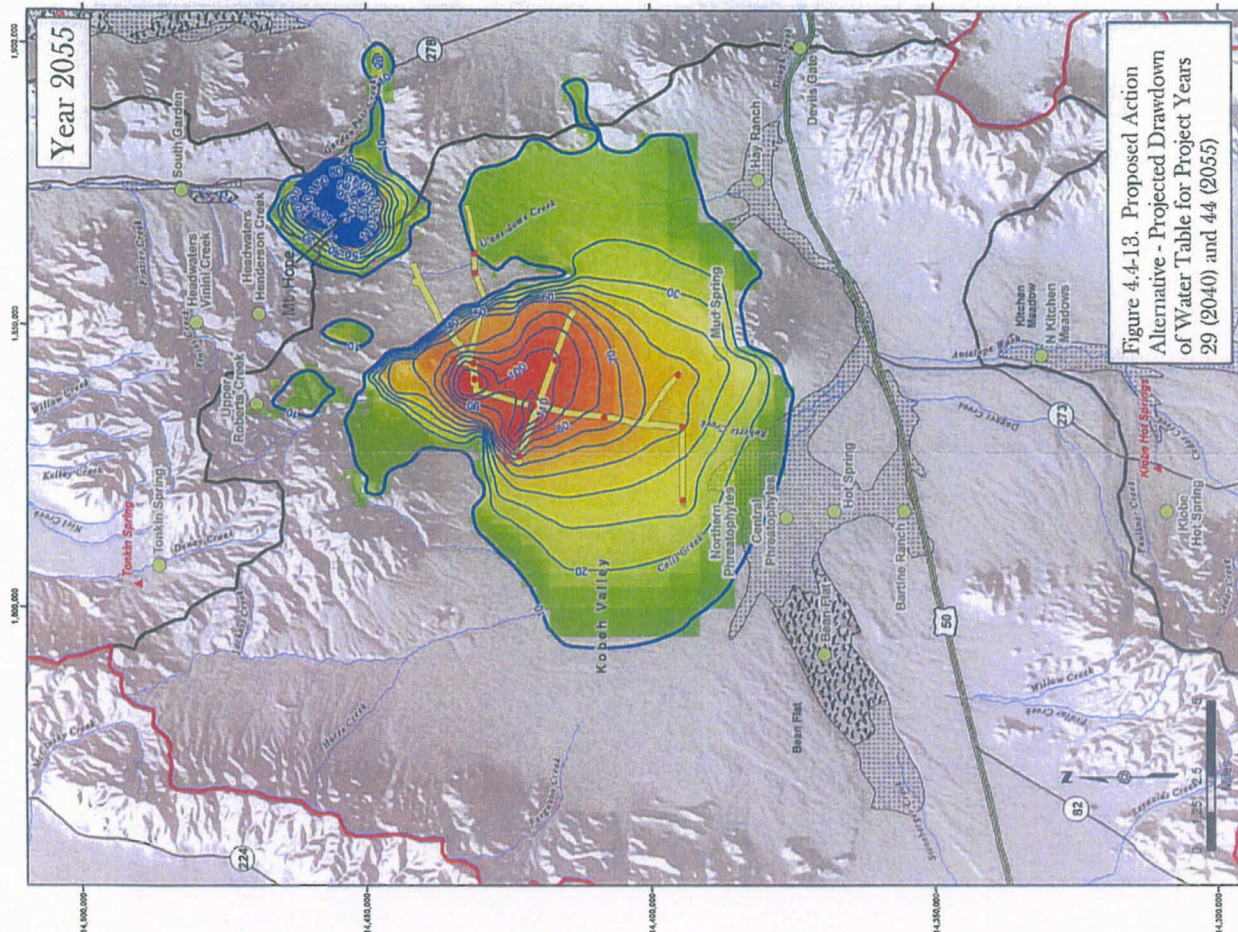


Figure 4.4-18. Simulated Discharge of Groundwater to Evapotranspiration in Kobeh Valley for No Action and Proposed Action Alternatives and Cumulative Action Scenario

Electronically Filed
Dec 27 2012 09:46 a.m.
Tracie K. Lindeman
Clerk of Supreme Court





Date: 07/20/10 Filename: WaterShortageProj\Drawdown\figs_018_ProposedAction\Drawdown_2040_2055_UTM_Maps_11

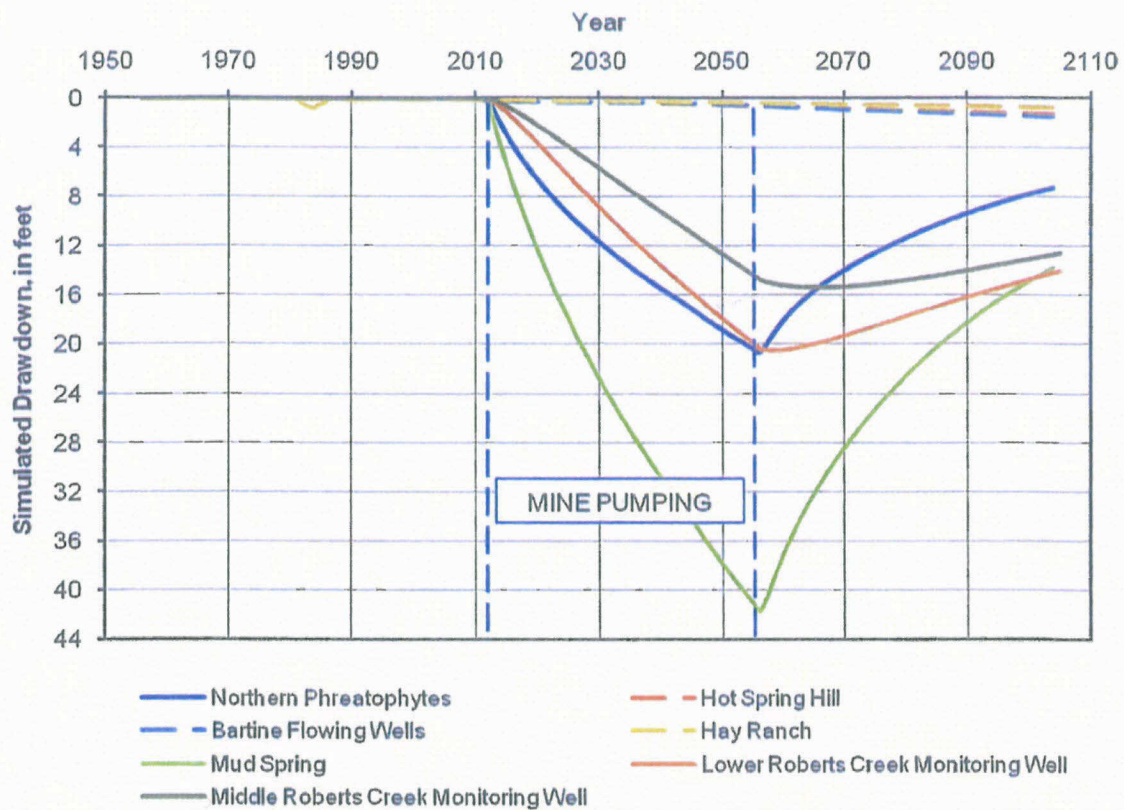


Figure 4.4-14a. Projected Water Table Drawdown for North-Central Kobeh Valley, Proposed Action Alternative

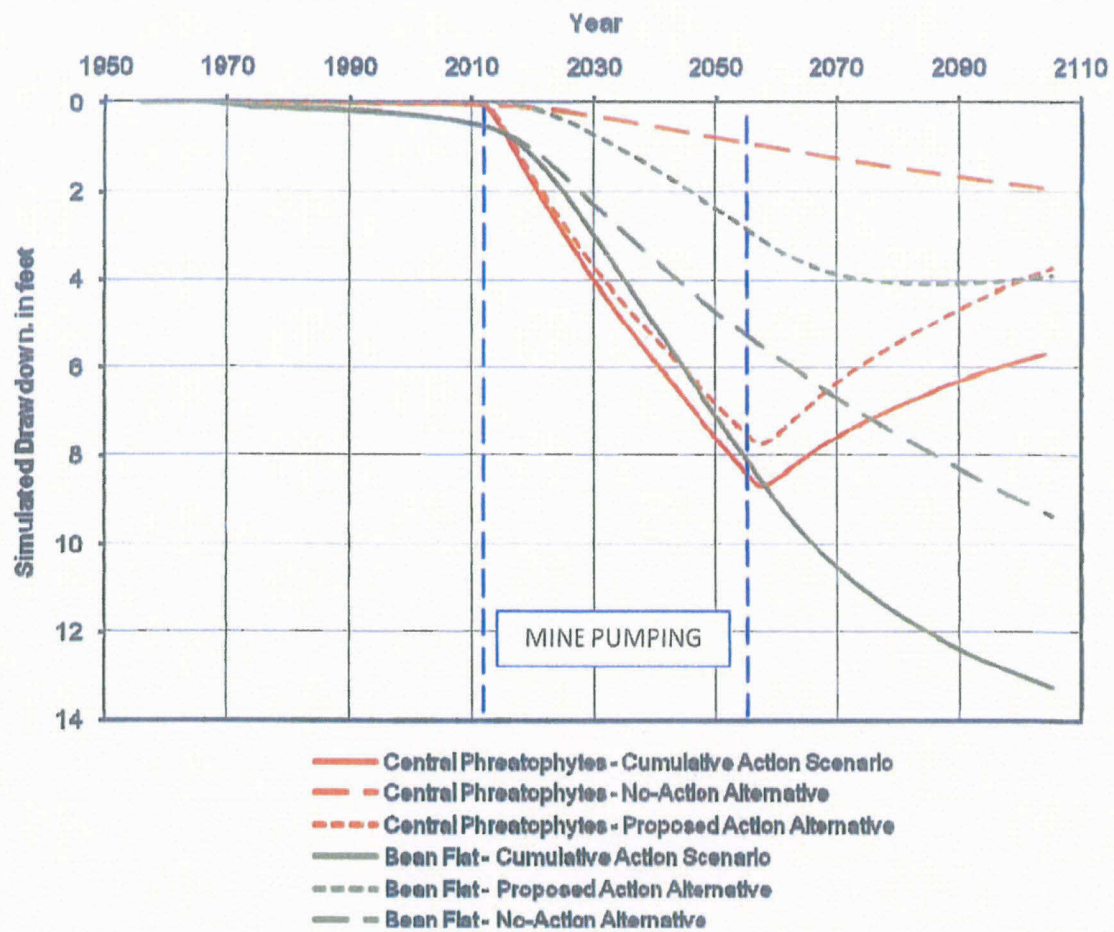


Figure 4.4-14b. Simulated Water Table Drawdown for North-Central Kobeh Valley (Drawdown Calculated from 1955)