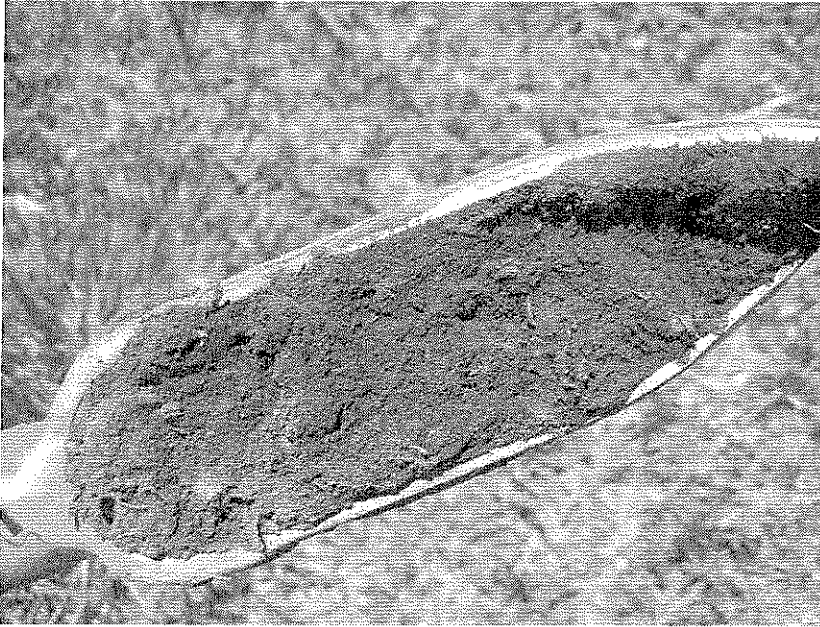


## Wetlands and Wetland Soils in the Upper Catchment of the Lower Reservoir



Soil Sample (temporary wet zone) taken in the upper hillslope seepage wetland Sehlakwane 1A.  
Note the mottling in the soil

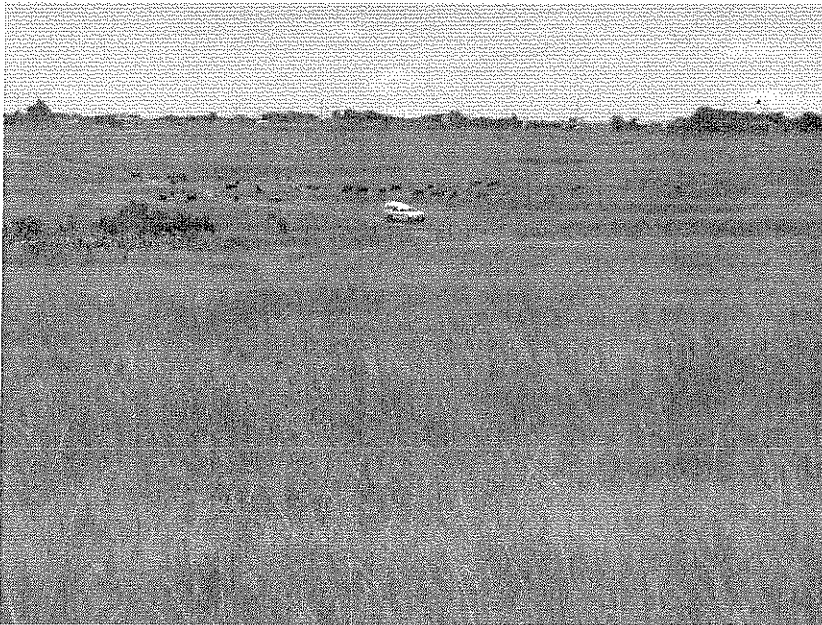


Photo across the hillslope seepage wetland Sehlakwane 1A.



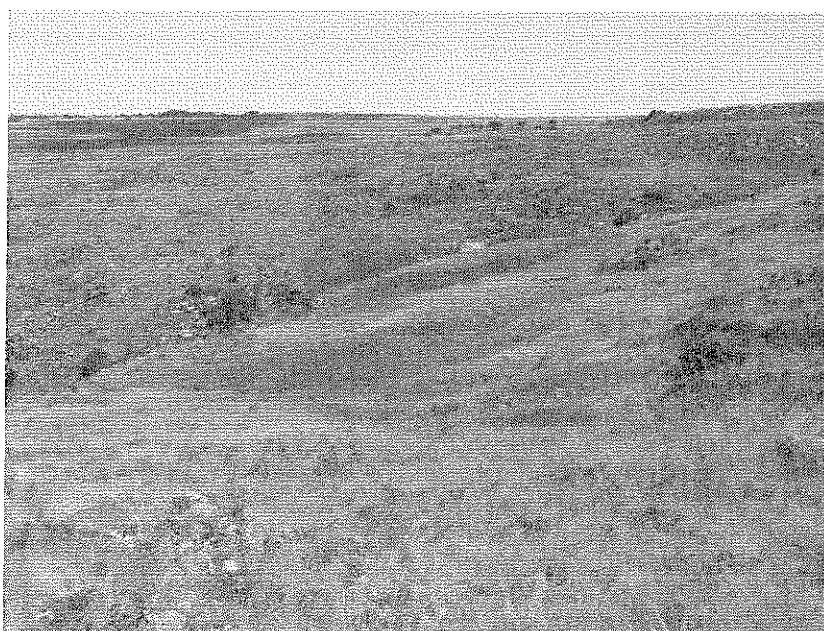
Example of soil and mottling from the seasonal zone in wetland Sehlakwane 1C.



View of valley bottom wetland in Sehlakwane 1D looking downstream.

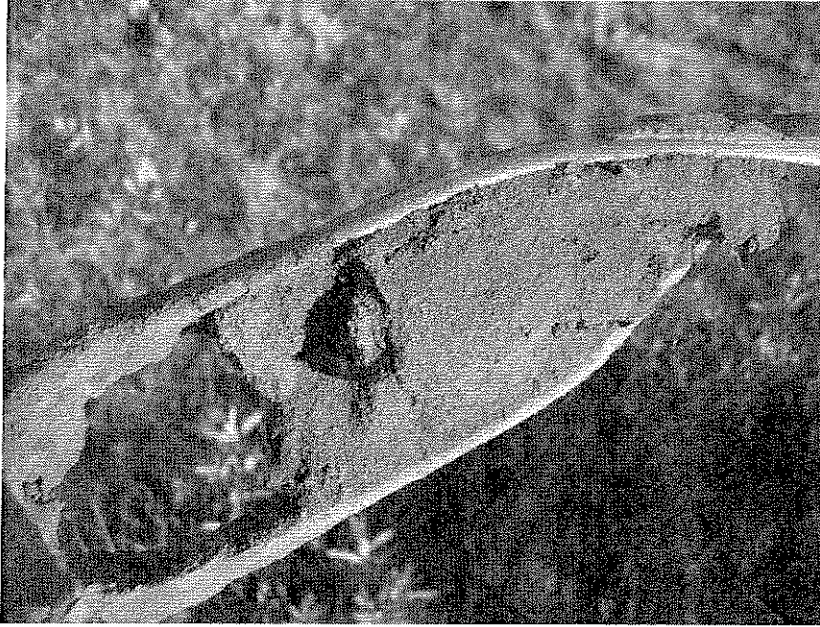


View across Valley Bottom Wetland Sehlakwane 4 closer to the Escarpment



View of Hillslope Seepage Wetland, Escarpment 2.

## Upper Construction Village



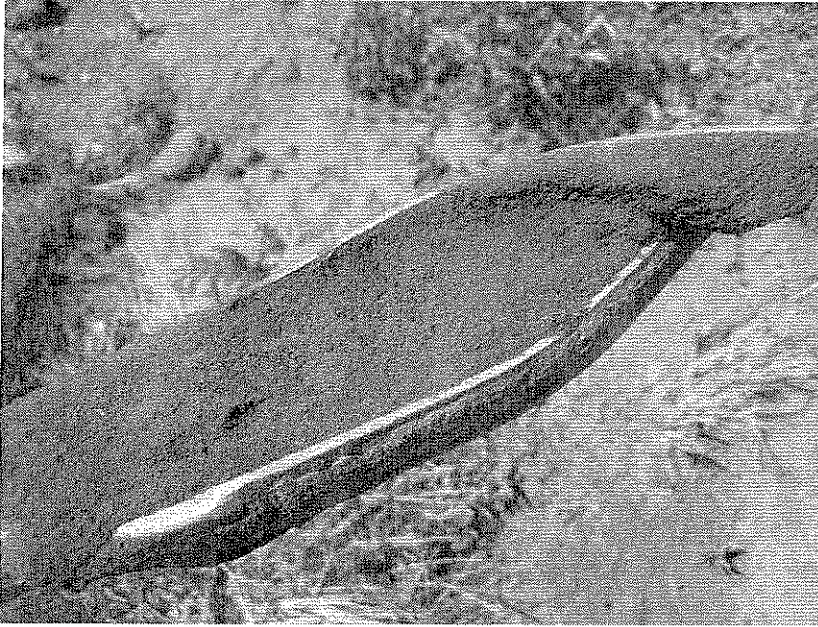
Soil Sample taken within the footprint of the proposed Upper Construction Village



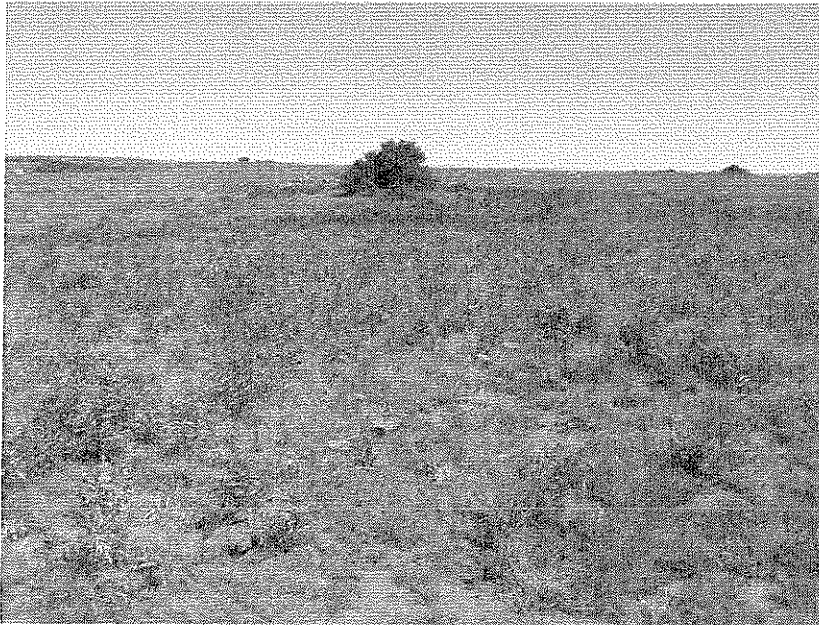
Terrain and vegetation at proposed Upper Construction Village



## Upper Reservoir



Soil sample taken at sample point UR1.



Terrain and vegetation within the footprint of the Upper Reservoir

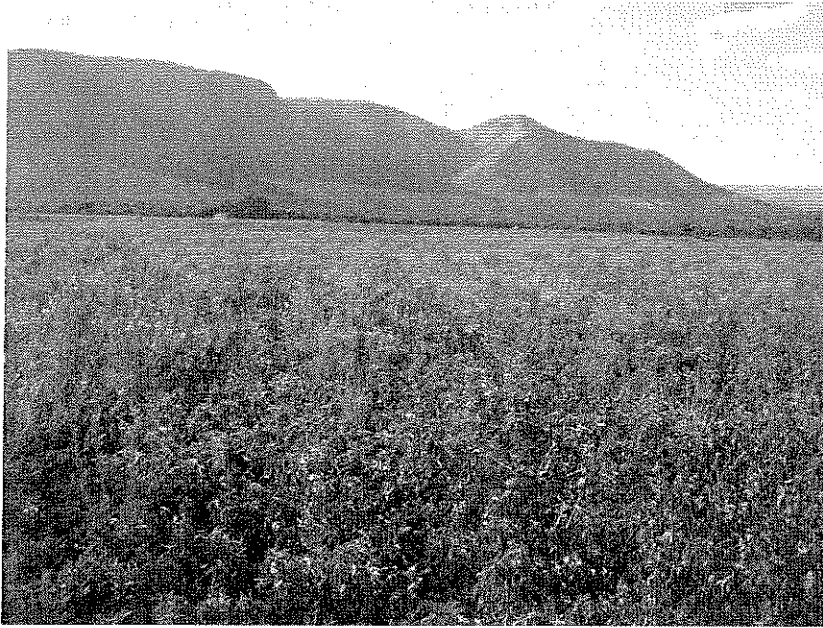
## Lower Construction Village



Soil sample taken at point LCV4. Note the clayey nature of the soil



Vegetation at Sample point LCV4. Note the dominant wetland grass species *Setaria sphacelata*



Cultivated Fields within the footprint of the proposed lower construction village.

## Proposed Lower Reservoir

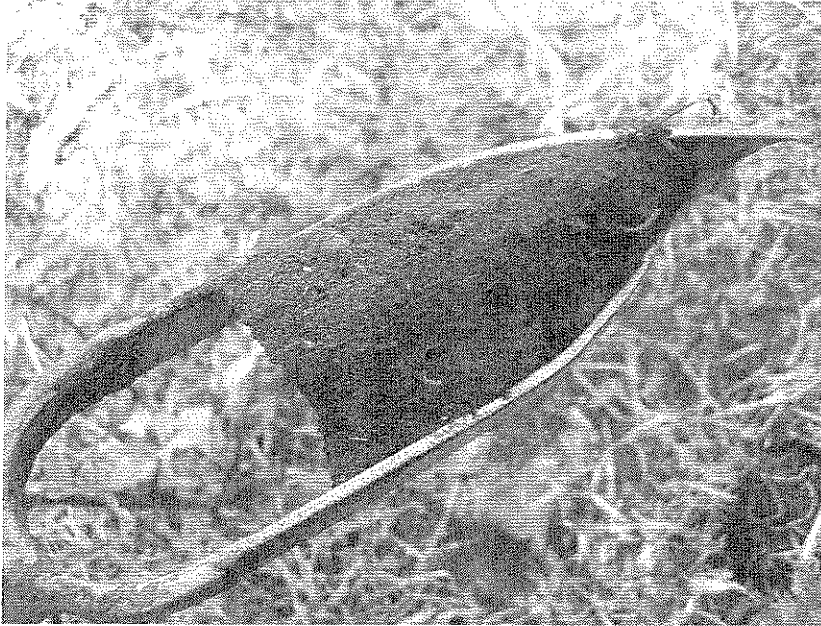


Vegetation within the riparian zone at sample point LR1.



Bank Profile of the channel at appoint between LR1 and LR2. Note the shallow layer of alluvial soils overlying a pebble layer.





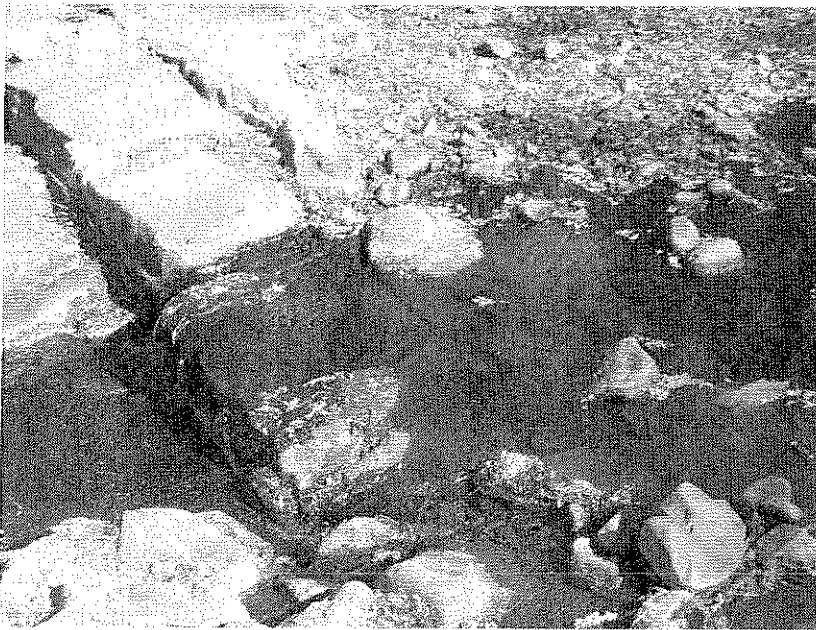
Soil sample taken at point LR3 showing alluvial soils



Flow within the tributary and riparian zone in January 2007. Note the boulders and pebbles in the bed.



Tributary downstream of the proposed lower reservoir



Baseflow in the tributary close to the dam wall of the proposed Lower Reservoir at the end of the dry season in early October 2006