LIST OF PLATES

PLATE – 1

Fig. 1. Bullock bailing method of Irrigation practice
Location – Karserunavalur, Ulunderpet Taluk. 1

Fig. 2. Manually operated water lifts method of Irrigation
‘Yetram’ Location – Kannaiyar, Rishivandhiyam Block. 1

PLATE – 2

Fig. 1. Garudan Rock – origin point of Gadilam river 14

Fig. 2. Spring in Garudan Rock – Main water source for the origin of
Gadilam River, Location – Mayanur, Rishivandhiyam Block. 14

PLATE – 3

A view of Gadilam river near Gadilam village
Location – Trijunctio of Tirukoilur, Ulundurpet and
Sankarapuram Taluk 14

PLATE – 4

Pump tested dug well to estimate aquifer parameters
Location - Melpazhangur, Rishivandhiyam Block 25

PLATE – 5

Author collecting post monsoon groundwater samples
Location – Meyyur, Rishivandhiyam Block 54

PLATE – 6

Fig. 1. Field photograph of Relief Hill
Location - Mayanur, Rishivandhiyam Block 91

Fig. 2. Field photograph of Inselberg
Location – Elavanasar Kottai, Ulundurpet Taluk 91

PLATE – 7

Fig. 1. Tor complex & pediment boundary
Location – Killiyur, Ulundurpet Taluk 92

Fig. 2. Panoramic view of shallow pediments from Pasar hill
Location – Pasar, Rishivandhiyam Block 92
PLATE – 8

Fig. 1. Field photograph of Pediments
Location – Ariyur, Tirukoilur Taluk

Fig. 2. Burried pediments with weathered Red soil from Charnockite
Location – Sendamangalam, Ulundurpet Taluk

PLATE – 9

Fig. 1. Lineament density Map

Fig. 2. Drainage density Map

PLATE – 10

Model showing groundwater potential zones
Fig. 1. Bullock bailing method of Irrigation practice
Location – Kalserunavalur, Ulunderpet Taluk.

Fig. 2. Manually operated water lifts method of Irrigation ‘Yetram’
Location – Kannaiyar, Rishivandhiyam Block.