

ABSTRACT OF THE REPORT

1. Survey area: Sub watershed No.AMD-6, AMD-13 and AMD-14 in Amanat River Valley Dam Catchment under P.S. Simaria in Hazaribagh District, P.S. Balumath, Palamou District, Bihar State

2(a) Total area:26,162 ha.

(i) Sub-watershed No. AMD-6 5,942 ha.
(ii) Sub watershed No.AMD-13 10,574 ha.
(iii) Sub watershed No.AMD-14 9,646 ha

Total: 26,162 ha.

2. (b) Type of survey: Detailed

3. Period of survey: December,79 to July,1980

4. Soil series mapped and area covered by each

<u>Sl.No.</u>	<u>Soil series</u>	<u>Total area in ha.</u>	<u>Percentage</u>
1.	Angawan	1907	7.3
2.	Amwatikar	3174	12.2
3.	Bairya	1058	4.1
4.	Bhagawanpur	1104	4.2
5.	Chandandih	1291	5.0
6.	Dari	1338	5.2
7.	Edla	2644	10.1
8.	Goa	410	1.5
9.	Jagaldaga	720	2.7
10.	Kinamar	2572	9.9
11.	Naudwa	688	2.7
12.	Nawadih	857	3.2
13.	Pandepura	772	2.9
14.	Parkala	1953	7.4
15.	Rengali	1431	5.4
16.	Serma	3155	12.0
17.	Zalim	1088	4.2

Total area

26,162

100 %

4.1 Soil series mapped and area covered by each sub watershed

Sl.No.	Soil series	Area in		Factor			
		Sub water shed %	AMD-6 %	Sub watershed% AMD-13 %	Sub-watershed % AMD-14 %		
1	2	3	4	5	6	7	8
1.	Angawan	307	3.7	1125	10.4	475	5.0
2.	Amwatarikar	1157	19.7	368	3.2	1649	17.1
3.	Bhagawanpur	148	2.5	741	6.9	215	2.2
4.	Bairya	123	2.2	689	6.2	246	2.6
5.	Chandandih	172	2.8	343	3.1	776	8.1
6.	Dari	160	2.8	949	8.7	229	2.5
7.	Edla	385	6.5	1483	13.5	776	8.0
8.	Goa	257	4.3	59	0.5	94	1.0
9.	Jagaldaga	197	3.4	124	1.2	399	4.2
10.	Kinamar	627	10.7	764	7.1	1181	12.2
11.	Na udwa	277	4.7	204	1.8	207	2.1
12.	Nawadih	271	4.6	121	1.0	465	4.8
13.	Pandepura	173	3.4	258	2.4	341	3.6
14.	Parkala	296	5.1	865	8.0	792	8.2
15.	Rengali	274	4.7	739	10.5	418	4.3
16.	Serma	810	13.7	1284	11.5	1061	10.9
17.	Zalim	308	5.2	458	4.0	322	3.2
Total:		5,942	100 %	10,574	100%	9,646	100%

