

SCWS PROJECT																					
CONTOUR BUND				INPUT		INPUT OPTIONS		CALCULATIONS				OUTPUT				CALCULATIONS				OUTPUT	
SR.NO.	NAME	TOP WIDTH	BOTTOM WIDTH	DEPTH	NO. OF ha	LAND SLOPE (%)	RAINFALL	a	b	VERTICAL INTERVAL	LENGTH OF CONTOUR BUND PER HA	EARTHWORK PER HA	COST OF EARTHWORK AND EXCAVATION	COST OF CONSTRUCTION PER HA	COST OF SURVEY PER HA	COST OF SITE CLEARANCE	TOTAL COST OF CONSTRUCTION				
1	SHUBHAM ADINATH CHAVAN	10	8	10	1	10	HIGH	0.1	60	160	8.125	731.25	125	91406.25	200	500	92106.25				
2	MAHESH MADHUKAR MANE	15	12	9	2	5	LOW	0.0667	60	134.9625187	4.816151966	585.1624639	125	73145.30799	200	500	146990.616				
3	VAIBHAV ANIL YADAV	20	15	10	1	7.5	HIGH	0.1	60	135	7.222222222	1261.888889	125	157986.1111	200	500	158686.1111				
4	ADINATH DIGAMBAR BABAR	25	20	8	3	2	LOW	0.0667	60	89.9850075	2.88937021	520.0866378	125	65010.82972	200	500	195732.4892				
5	DNYANESHWAR KRUSHINRAV KADAM	15	12.5	5	2	5	MEDIUM	0.1	60	110	5.909090909	406.25	125	50781.25	200	500	102262.5				
6	SAHIL DINKAR KADAM	15	10	10	5	2.5	MEDIUM	0.1	60	85	3.823529412	477.9411765	125	59742.64706	200	500	299411.2353				
7	PAVAN TANHAJI CHAVAN	20	18	15	1	15	HIGH	0.1	60	210	9.285714286	2646.428571	125	330803.5714	200	500	331503.5714				
8	SHREYAS VARDHMAN CHOUGULE	10	8	5	3	12.5	HIGH	0.1	60	185	8.783783784	395.2702703	125	49408.78378	200	500	148926.3514				
9	PARAS ASHOK CHOUGULE	12.5	10	8	5	10	LOW	0.0667	60	209.9250375	6.192686759	557.3418083	125	69667.72604	200	500	349038.6302				
10	TANMAY MOHAN BHOSALE	15	12.5	12	4	5	MEDIUM	0.1	60	110	5.909090909	975	125	121875	200	500	488200				
11	ANIKET DNYANESHWAR BABAR	10	8	8	2	7.5	HIGH	0.1	60	135	7.222222222	520	125	65000	200	500	130700				
12	ADITYA MAHAIVIR KAMBLE	15	12.5	10	5	5	HIGH	0.1	60	110	5.909090909	812.5	125	101562.5	200	500	508512.5				
13	ARJUN VASANT KADAM	12.5	10	10	3	12	LOW	0.0667	60	239.910045	6.502437195	731.5241845	125	91440.52306	200	500	275021.5692				
14	DATTA MARUTI PAWAR	15	12	8	5	8	LOW	0.0667	60	179.94003	5.779703383	624.2079653	125	78025.99567	200	500	390829.9783				
15	NAGRAJ NARAYAN NAIK	12	8	5	8	6	HIGH	0.1	60	120	40625	325	125	325700	200	500	325700				
16	AVDHUT NAMDEV BHOSALE	18	15	12.5	4	3	LOW	0.0667	60	104.9775112	3.715081405	766.2355398	125	95779.44248	200	500	383817.7699				
17	OM ARVIND KOSHTI	11	8	10	5	5	MEDIUM	0.1	60	110	5.909090909	561.3636364	125	70170.45455	200	500	351552.2727				
18	ANURUDDH RAJESH KAMBLE	16	12	10	5	8	HIGH	0.1	60	140	7.428571429	1040	125	130000	200	500	650700				
19	TEJAS POPAT KOLI	15	10	5	2	7.5	MEDIUM	0.1	60	135	7.222222222	451.3888889	125	56423.61111	200	500	113547.2222				
20	AKASH APPASO KOLI	18	15	10	3	5	LOW	0.0667	60	134.9625187	4.816151966	794.6650744	125	99333.1343	200	500	298699.4029				
BENCH TERRACE																					
SR.NO.	NAME	WIDTH OF TERRACE	LENGTH OF TERRACE	NO. OF BENCH TERRACE	SLOPE (%)	CALCULATIONS		DEPTH OF TERRACE	OUTPUT	INPUT OPTIONS	CALCULATIONS				OUTPUT						
						TERRACE CUT	n		EARTHWORK	SOIL CONDITION	RATE	COST OF CONSTRUCTION	COST OF SURVEY	COST OF SITE CLEARANCE	TOTAL COST						
1	SHUBHAM YOGESH KOLI	10	20	10	10	25	0	2	360	HARD ROCK	360	14765.625	200	500	90700						
2	AJINKYA SRIKRISHNA PATIL	15	30	12	5	3	1	3	84.375	SOFT/DISINTEGRATED/WEATHERED ROCK	175	3	14765.625	200	500	177887.5					
3	SWAPNIL SHASHIKANT RUKADE	12	15	5	7.5	1/2:1	0.5	4	180	HARD ROCK	360	64800	200	500	324700						
4	SUJIT GAJANAN RUKADE	15	15	10	5	1/3:1	0.33333	5	140.625	HARD ROCK	360	50625	200	500	506950						
5	ROHAN RAKUMAR KOSHTI	20	12	15	2.5	1/1:1	1	3	90	SOFT/DISINTEGRATED/WEATHERED ROCK	175	3	15750	200	500	236950					
6	RAHUL BANCHAPPA RUPNUR	15	25	15	4	1/2:1	0.5	1	46.875	HARD ROCK	360	1	16875	200	500	253825					
7	TIRUPATI SHASHI KOSHTI	18	20	12	4.5	1/2:1	0.5	5	225	SOFT/DISINTEGRATED/WEATHERED ROCK	175	5	39375	200	500	473200					
8	HARSHAD HIRAMANI KAMBLE	12	15	10	2.5	1/3:1	0.33333	5	112.5	HARD ROCK	360	40500	200	500	405700						
9	PRUTHIVIRAJ SUBHASH PATIL	18	12	10	2.5	1/2:1	0.5	1	27	SOFT/DISINTEGRATED/WEATHERED ROCK	175	4725	200	500	47950						
10	SHUBHAM SHRIRIKUSHNA PATIL	12	15	12	5	1/1:1	1	1	22.5	HARD ROCK	360	8100	200	500	97900						
11	SHANTANU MAHENDRA YADAV	25	12	15	0.5	1/2:1	0.5	12	45	HARD ROCK	360	16200	200	500	243700						
12	PRATIK KUMAR YADAV	10	25	15	7.5	1/3:1	0.33333	1.5	46.875	SOFT/DISINTEGRATED/WEATHERED ROCK	175	8203.125	200	500	123746.875						
13	KUNAL RAJENDRA KAGVADE	15	25	12	7.5	1/1:1	1	4	187.5	HARD ROCK	360	67500	200	500	810700						
14	AJIT NAM DEV BHOSALE	10	15	15	5	1/2:1	0.5	1.5	28.125	HARD ROCK	360	10125	200	500	152575						
15	VATAN KUMAR CHAVAN	18	15	18	1	1/1:1	1	2.5	78.75	SOFT/DISINTEGRATED/WEATHERED ROCK	175	13781.25	200	500	207418.75						
16	SHRIYOG SHIVAJI PATIL	16	12	12	8	1/2:1	0.5	2	48	HARD ROCK	360	17280	200	500	208060						
17	VAIBHAV MADHUKAR MANE	15	15	15	4	1/2:1	0.5	1	28.125	SOFT/DISINTEGRATED/WEATHERED ROCK	175	4921.875	200	500	74528.125						
18	PRANAV SANJAY CHANDANSHIVE	12	12	10	2	1/3:1	0.33333	2	36	SOFT/DISINTEGRATED/WEATHERED ROCK	175	6300	200	500	63700						
19	ABHUT MURSHIDDH RUPNUR	15	15	5	3	1/2:1	0.5	5	140.625	HARD ROCK	360	50625	200	500	253825						
20	NANDKUMAR RAMRAO YADAV	12	25	10	5	1/2:1	0.5	2	75	SOFT/DISINTEGRATED/WEATHERED ROCK	175	13125	200	500	131950						
DUGOUT POND																					
SR.NO.	NAME	TOP LENGTH	TOP BREADTH	BOTTOM LENGTH	BOTTOM BREADTH	DEPTH	CALCULATIONS	OUTPUT	COST OF EXCAVATION	COST OF PLASTIC SHEET	COST OF SURVEY	COST OF SITE CLEARANCE	TOTAL COST OF CONSTRUCTION								
							SURFACE AREA	VOLUME OF DUGOUT POND													
1	RAHUL VITTHAL HARIHAR	10	10	8	8	5	244	410	41000		200	200	48720								
2	ROHIT SOPAN DESAI	12	12	10	10	5	320	610	61000	9600	200	200	71000								
3	SHREYANSH MAHAIVIR PATIL	10	8	7.5	8	7.5	254.375	40875	25475.5	200	200	200	48902.5								
4	PRANAV PRADIP PATIL	15	12.5	10	10	8	480	1150	115000	14400	200	200	129800								
5	PRANAV SANJAY CHOUGULE	20	20	15	12.5	6	592.5	1762.5	176250		200	200	194425								
6	VRUSHAL JITENDRA GHODKE	15	15	12.5	10	7	492.5	1225	122500		200	200	137675								
7	NILESH DHANAJI JADHAV	10	12	8	5	390	390	8000	8000	11700	200	200	92100								
8	RUSHIKESH RAJENDRA SUNGARE	10	10	7.5	10	5	231.25	390.625	390.625	6937.5	200	200	46400								
9	PRANAV KUMAR SUNGARE	18	15	12.5	12.5	8	620.25	1705	170500	18607.5	200	200	189507.5								
10	YASH NAMDEV MORE	15	15	12	10	9	588	1552.5	155250		200	200	173290								
11	OMKAR MOHAN PATIL	10	10	7.5	7.5	3	161.25	234.375	23437.5	4837.5	200	200	28675								
12	OMKAR SUNIL KOLI	12	10	8	5	8	840	5800	5800	281	200	200	66830								
13	HARSHAD LAHU PATIL	16	18	15	16	6	621	1647	164700	18630	200	200	183730								
14	AVDHUT SANJAY MANE	15	15	12.5	12.5	3	321.25	571.875	57187.5	9637.5	200	200	67225								
15	OM SANTAJI BHOSALE	15	15	10	7.5	5	312.5	750	75000	9375	200	200	84775								
16	ROHIT RAMRAO PAWAR	12.5	10	10	10	4	280	512.5	51250	8400	200	200	60050								
17	KARAN SURESH KHALI	10	8	5	8	5	107.5	15750	15750	3270	200	200	19430								
18	PRANIT SURESH DESAI	10	12.5	7.5	7.5	8	356.25	725	72500	10687.5	200	200	83587.5								
19	VIVEK NAMDEV PAWAR	20	20	15	12.5	2	322.5	587.5	58750	9675	200	200	68825								
20	VISHAL RAMCHANDRA KAMBLE	25	25	20	20	5	850	2562.5	256250	25500	200	200	282150								
CONTINUOUS CONTOUR TRENCHES																					
SR.NO.	NAME	TOTAL LENGTH OF CCT IN 1 HA	BREADTH	DEPTH	NO. OF HA	OUTPUT	CALCULATIONS	OUTPUT	COST OF SURVEY	COST OF SITE CLEARANCE	COST OF CONSTRUCTION PER HA	TOTAL COST OF CONSTRUCTION									
						EARTHWORK PER HA															
1	TUSHAR SHITAL DESAI	1500	0.5	0.5	4	375	200	500	6300	200	250	31800									
2	PRAJWAL INDURAV RUPNUR	1500	0.5	0.5	4	375	200	8950	200	200	35800										
3	VIJAY RAMCHANDRA KAMBLE	12500	0.5	0.25	5	1562.5	200	500	35075	175375	500	175375									
4	SANKET SANJAY BANGAR	500	0.75	0.75	5	281.25	200	500	6887.5	34437.5	500	34437.5									
5	ANIKET PRAHLAD KAMBLE	1000	0.6	1	10	600	200	500	13900	139000	500	139000									
6	SHIVRAJ DHANPAL NAIK	1250	0.5	0.5	5	312.5	200	500	7575	60600	500	60600									
7	PRATHMESH BALIRAO KATE	1500	0.25	0.25	5	93.75	200	500	2762.5	13812.5	500	13812.5									
8	TUSHAR ARJUN KATE	1000	0.25	0.2	10	50	200	500	1800	18000	500	18000									
9	SHUBHAM RAMRAO YADAV	1500	0.35	0.5	7	262.5	200	500	6475	45325	500	45325									
10	HARSHAD MANOHAR WAGHMARE	2000	0.5	0.5	8	500	200	500	11700	93600	500	93600									
11	SAHIL KIRAN JAGTAP	2500	0.75	0.5	200	937.5	200	500	21325	106625	500	106625									
12	SUDARSHAN SACHIN PAWAR	1250	1	0.75	1	937.5	200	500	21325	21325	500	21325									
13	SACHIN ANANDA SWAMI	1000	0.8	0.8	2	640	200	500	14780	29560	500	29560									
14	VIJAY ANANDA BANE	1750	0.25	0.25	3	109.375	200	500	3106.25	9318.75	500	9318.75									
15	SWAPNIL VAIBHAV SHINDE	1500	0.5	0.5	5	450	200	500	10600	53000	500	53000									
16	TANMAY PRAKASH SHINDE	1250	0.5	0.2	5	75	200	500	2350	11750	500	11750									
17	RAHUL SOPAN DESAI	1000	0.75	0.75	3	562.5	200	500	13075	39225	500	39225									
18	RUSHIKESH SANJAY MANE	1250	0.6	0.5	2.5	375	200	500	8950	22375	500	22375									
19	DIGVIJAY BHARTESH CHOUGULE	2250	0.35	0.35	1	275.625	200	500	6763.75	6763.75	500	6763.75									
20	SANYAM PRADIP GALATGE	2500	0.25	0.5	5	312.5	200	500	7575	37875	500	37875									
STAGGERED CONTOUR TRENCHES																					
SR.NO.	NAME	LENGTH OF TRENCH	WIDTH OF TRENCH	DEPTH OF TERRACE	NO. OF TRENCHES IN ONE ROW	NO. OF ROWS	TOTAL NO. OF TRENCHES	NO. OF HA	OUTPUT	COST OF CONSTRUCTION	CALCULATIONS	OUTPUT									
									EARTHWORK OF SINGLE TRENCH			TOTAL COST OF CONSTRUCTION									
1	AVDHUT ARVIND SALKUHE	3	0.5																		

10	MADHUKAR SHANKAR PATOLE	3.5	0.2	0.25	12	10	120	3	0.175	1386	600	1500	3486
11	VISHWAS VITTHAL AUTADE	3.5	0.5	0.25	15	15	225	7.5	0.4375	16342.1875	1500	3750	21492.1875
12	SHASHIKANT SURESH SURYAVANSHI	3	1	0.2	12	10	120	4.5	0.6	7128	900	2250	10278
13	DHARMENDRA RAVSAHEB PATIL	2	1.5	0.3	10	12	120	5.5	0.9	13068	1100	2750	16918
14	PANDURANG GANGADHAR DAVRE	2.5	2	1	7	7	49	5	5	26950	1000	2500	30450
15	SWARAJ SANJAY RUPNUR	3	0.5	0.5	8	10	80	6	0.75	7920	1200	3000	12120
16	PRASAD SURESH MANGAVKAR	3	1	0.5	8	8	64	4	1.5	8448	800	2000	11248
17	RAJENDRA BHANUDAS MANE	3.5	0.25	0.25	9	10	90	3	0.21875	1299.375	600	1500	3399.375
18	SUSHANT BABURAO PAWAR	4	0.5	0.25	15	12	180	5	0.5	9900	1000	2500	13400
19	SADASHIV SANGAPPA KATE	4.5	1	1	10	10	100	3	4.5	29700	600	1500	31800
20	HARISH BABAN GAVALI	2.5	1.5	1	12	12	144	4	3.75	47520	800	2000	50320