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Cambodian Mine Action Centre

CMAC

Operational Achievement Report



November - 2020



CMAC Monthly Operational Achievement Report

Period: 01 – 30 November 2020





1. General Situation

In November 2020, all CMAC Demining Components and Demining Units were assigned to work for 19 working with 2 day-off, 1-day for Water festival (2 November 2020), 1-day for Independence Day (9 November 2020). Anyway, a lot of requests for small scale clearances were requested by the local authority to CMAC for emergency response and escape them from the target area for safe manner and better environment to our people to avoid from having high risk of mine incident and future affection. However, during this reporting period, CMAC deployed its demining resources in each Demining Unit (DU) to clear the contaminated landmine and battlefield areas; and handed over them to those whom requested in purposes of using land in according to their requests for agriculture; developing and also for the risk reduction activity in their communities. In addition, CMAC also deployed at least 8 Intervention Teams, called Explosive Remnants of War Intervention (ERW) at DU1, DU2, DU4, DU6 and TIMA and as well as the 4 Battle Area Clearance–Multi Task Teams (BAC-MTT) to respond the emergency call/tasks by collecting and destroying safely those mines and UXO reported by local authorities, NGOs and community population in terms of providing them the safe environment of daily living condition and doing agricultural activities in their communities without any fear feeling and the threats from mine and ERW. The detail tasks and progress achieved for the month of November 2020 is represented as the following:

2. Deployment Tools (Asset)

CMAC still deployed its demining resources to each Demining Unit, Head Quarters, Development Demining Unit (DDU) and CMAC Technical Institute of Mine Action (TIMA) as the month before. However, all CMAC demining teams are still working to support many landmine/ERW high priority clearance tasks selected through the National Planning Mechanism, often refers to as MAPU process, as participatory and bottom up approach methods to mine action planning; and urgent humanitarian and development supported tasks requested by local authorities and mine/ERW affected communities. The following table 1 shows us the demining tools (asset), which were deployed for each Demining Unit.



Table 1: November 2020

Demining Tool	Actual Demining Assets (Tools)																								
	MP (27staff)	MP (17staff)	MPB(16staf)	BAC-S(5sfart)	BAC-S(7sfart)	TSC(5sfart)	TSC(7staff)	BLIS(5sfart)	SLD(2dogs)	SLD(4dogs)	EDD(2dogs)	ESD(4dogs)	TSD(4dogs)	MDR(4trats)	ERWI	EOD	BAC-MTT	DIT	BC-2saff	BC-9staff	MPC-15staff	CDM	DM-3staff	MPD-15staff	
DU#1(BMC)	-	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-	1	4	-	-	1	-	-
DU#2(BTB, PST)	-	4	-	-	-	9	9	-	2	3	-	-	-	-	3	-	-	-	3	4	-	-	-	-	7
DU#3(PLN)	-	2	-	-	-	7	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	1	-
DU#4 (SRP & Kg, Thom, PVH)	1	-	-	-	-	1	-	1	-	-	-	-	-	1	2	-	-	-	1	1	-	1	1	-	-
DU#5 (Eastern provinces)	-	-	4	4	5	-	-	-	-	-	2	-	-	-	-	-	4	-	1	-	-	-	-	-	-
DU#6 (PVII, STR& OMC)	-	-	-	-	-	8	-	2	-	-	-	-	1	1	1	1	-	-	1	1	1	-	-	-	-
Development Demining Unit (DDU)	-	-	-	-	-	3	2	-	-	-	-	-	-	-	-	1	-	2	5	1	-	-	-	-	-
CMAC HQ (Phnom Penh)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-



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Chart 2 above is represented the device found and destroyed by comparing to monthly target of mine/UXO in November 2020.

4. Allocation of Demining Tools (Assets) by Project:

In addition to the deployment by each Demining Units (DU) and progress achieved during the month, CMAC also deployed its demining resources (assets) to support each project so that they may respond to the project's target as said within the project agreement and also to meet the project's requirement as the following resources in Table 2:

Overview of the Committed Assets by Project

Table 2:

S/N	Project's name	July-20	Aug-20	Sep-20	Oct-20	Nov-20	Remarks
1	DU1_CFR21	5TSC,2BC	5TSC,2BC	8TSC,4BC	8TSC,4BC	8TSC,4BC	1)-This project starts from 01 Jun-31 Dec 2020. 2)- 2 TSC(13&24) of ex-DU1_CTB and BC#02 of ex-DU6_CCL-02 have worked for CRI-Top UP project from 01 Jul -31 Dec 2020.
2	DU1,-PCD-JMAS	1MP,2BC, 1DM, 1ERW	1MP,2BC, 1DM, 1ERW	1MP,2BC, 1DM, 1ERW			1)-This project starts from 08 Oct 2019 to 07 Oct 2020. 2)- MPJ#109, ERW#16 and BC#09 moved to work at DU4&6 . 3)- DM#10&BC#03 standby at DU1 but its staff moved to work at DU2.
3	DU1-SVC (Infrastructure),	1Buldozer, 1 Compact roller, 1 dump truck, 1 Excavator	1Buldozer, 1 Compact roller, 1 dump truck, 1 Excavator	1Buldozer, 1 Compact roller, 1 dump truck, 1 Excavator	1Buldozer, 1 Compact roller, 1 dump truck, 1 Excavator	1Buldozer, 1 Compact roller, 1 dump truck, 1 Excavator	1)-This project is just renewed for a new agreement from 01 April 2019 to 31 October 2020.
4	DU2_CFR22	5TSC,2BC	5TSC,2BC	8TSC,4BC	8TSC,4BC	9TSC,4BC	1)-This project starts from 08 Oct 2019 to 07 Oct 2020. 2)- 2 TSC(34&42) of ex-DDU_EDC-08 & DU2-CPF respectively and BC#08 of ex-DU6_CCL-02 have worked for CRI-Top UP project from 01 Jul -31 Dec 2020.
5	DU2-CAC (IMCC)	1TSC	1TSC	1TSC	1TSC	1TSC	This project is just renewed for a new agreement from 16 August 2019 to 15 October 2020.
6	DU2-PIMV	4MP, 7DM, 8TSC, 2SLD, 3ERW, 1BC, 7PC&CBM, project staff	4MP, 7DM, 8TSC, 2SLD, 3ERW, 1BC, 7PC&CBM, project staff	4MP, 7DM, 8TSC, 2SLD, 3ERW, 7PC&CBM, project staff	4MP, 7DM, 8TSC, 2SLD, 3ERW, 7PC&CBM, project staff	4MP, 7DM, 8TSC, 2SLD, 3ERW, 7PC&CBM, project staff	This project starts from 01 Jul 2020 to 31 Mar 2022
7	DU2-CMA-20	5 CBM	5 CBM	5 CBM	5 CBM	5 CBM	This project starts on 01 Jul 2020.



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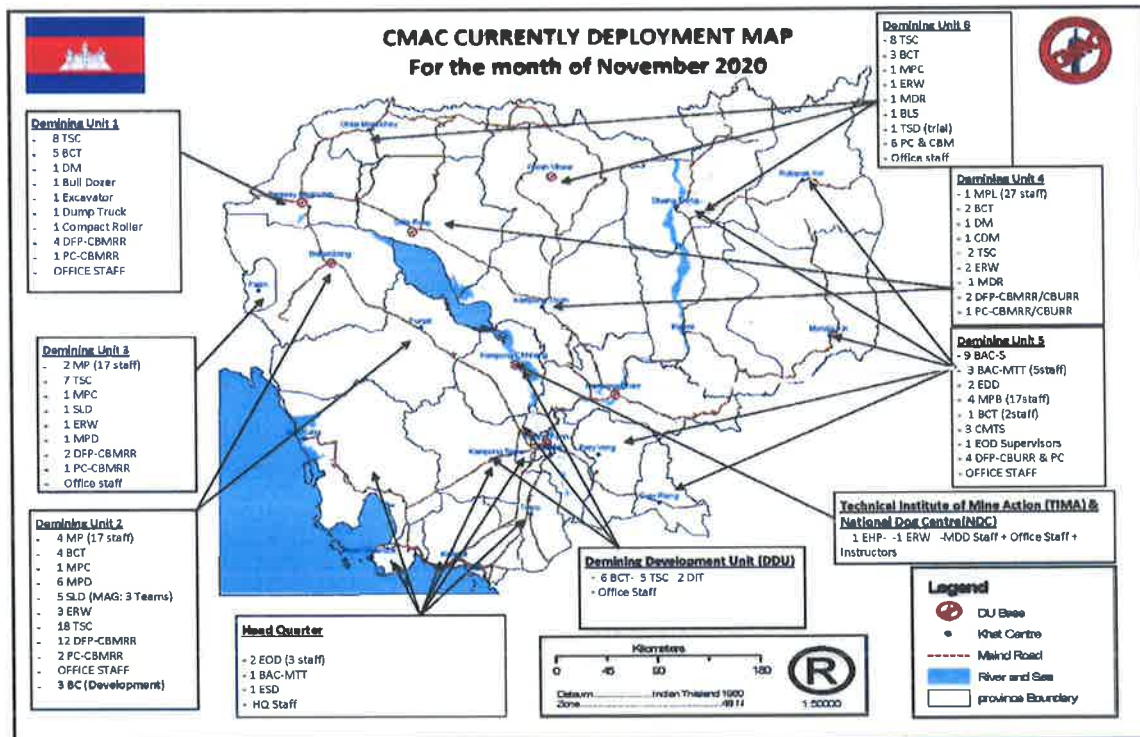
S/N	Project's name	July-20	Aug-20	Sep-20	Oct-20	Nov-20	Remarks
8	DU2-MAG	3 SLD	3 SLD	3 SLD	3 SLD	3 SLD	1)- This project is renewed from 01 November 2020 to 30 Apr 2021. 2)-SLD#05 has been hired by MAG for a year (01 Jun 2019 to 31 July 2021)
9	DU3-PIMV	2MP,7TSC,1DM,1BC, 1SLD, 1ERW, 3PC&CBM	2MP,7TSC,1DM,1BC, 1SLD, 1ERW, 3PC&CBM	2MP,7TSC,1DM,1BC, 1SLD, 1ERW, 3PC&CBM	2MP,7TSC,1DM,1BC, 1SLD, 1ERW, 3PC&CBM	2MP,7TSC,1DM,1BC, 1SLD, 1ERW, 3PC&CBM	This project starts from 01 Jul 2020 to 31 Mar 2022
10	DU4-MDR-APOPO	1BC, 1TSC,1MDR	1BC, 1TSC,1MDR	1BC, 1TSC,1MDR	1BC, 1TSC,1MDR	1BC, 1TSC,1MDR	1)-This project starts on 01 Jan to 31 Dec 2020 (MRD#01, TSC#22 , BC#25).
11	DU4, CMD_JMAS	1CDM, 1BC, 1DM, 1ERW, CBURR	1CDM, 1BC, 1DM, 1ERW, CBURR	1CDM, 1BC, 1DM, 1ERW, CBURR	1CDM, 1BC, 1DM, 1ERW, CBURR	1CDM, 1BC, 1DM, 1ERW, CBURR	This project starts on 01 March 2019 to 29 October 2020.
12	DU4-CCL2	2PC&CBM& 18 office staff	2PC&CBM& 18 office staff	2PC&CBM& 18 office staff	2PC&CBM& 18 office staff	2PC&CBM& 18 office staff	1)-This project starts from 01 Jan to n31 Dec 2020. 2)-ERW1#02 supported by DU6, its workbase at DU4.
13	DU4-Apsara	-	-	-	1MPI&1TSC, 1ERW	1MPI&1TSC, 1ERW	This project starts on 15 November 2020 for 6-month.
14	DU5& HQ - USA24	9BAC-S, 4BAC-L, 4BAC-MIT, 2EDD, 1BC	9BAC-S, 4BAC-L, 4BAC-MIT, 2EDD, 1BC	9BAC-S, 4BAC-L, 4BAC-MIT, 2EDD, 1BC	9BAC-S, 4BAC-L, 4BAC-MIT, 2EDD, 1BC	9BAC-S, 4BAC-L, 4BAC-MIT, 2EDD, 1BC	This project starts on 01 November 2020 to 28 February 2021.
15	DU6_CCL2	1ERW, 8TSC, 2BCT, 3BLS, 6CBM& 18 office staff	1ERW, 8TSC, 2BCT, 3BLS, 6CBM& 18 office staff	1ERW, 9TSC, 1BCT, 1BLS, 6CBM& 18 office staff	1ERW, 9TSC, 1BCT, 1BLS, 6CBM& 18 office staff	1ERW, 8TSC, 1BCT, 1BLS, 6CBM& 18 office staff	This project starts from 01 Jan to 31 Dec 2020.
16	DU6-APOPO	1MDR, 2TSC, 1BC, 1TSD	1MDR, 2TSC, 1BC, 1TSD	1MDR, 1TSC, 1BC, 1TSD	1MDR, 1TSC, 1BC, 1TSD	1MDR, 1TSC, 1BC, 1TSD	1)-This project starts on 01 Nov 2019 to 31 Jul 2020 (TSC#20&TSD#01). 2)- This project starts on 01 Jan to 31 Dec 2020 (TSC#05, BC1#22&MDR#02).
17	DDU-EDC-7-8	1TSC	1TSC	1TSC	1TSC	1TSC	-This project starts on 16 Mar 2019.
18	DDU-CMA20	6BC, 2TSC, 2DIT	6BC, 2TSC, 2DIT	6BC, 2TSC, 2DIT	6BC, 2TSC, 2DIT	6BC, 2TSC, 2DIT	
19	HQ_CCL-02	2EOD, 1ESD	2EOD, 1ESD	2EOD, 1ESD	2EOD, 1ESD	2EOD, 1ESD	This project starts on 01 Feb 2020.
20	TIMA-CCL2	1ERW& 25 office staff & instructor	1ERW& 25 office staff & instructor	1ERW& 25 office staff & instructor	1ERW& 25 office staff & instructor	1ERW& 25 office staff & instructor	This project starts from 01 Jan to 31 Dec 2020.
21	TC- Golden West foundation	1Explosive Harvesting team (8persons)	1Explosive Harvesting team (8persons)	1Explosive Harvesting team (8persons)	1Explosive Harvesting team (8persons)	1Explosive Harvesting team (8persons)	Reference to MOU-dated: 27-DEC-2017, This MOU entered force on 01 Jan 2018. This project starts 01



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S/N	Project's name	July-20	Aug-20	Sep-20	Oct-20	Nov-20	Remarks
							Jan 2018 to 31 Dec 2020.
22	Community Development Center (CDC)	2BC	2BC	2BC	2BC	2BC	

The below figure is the CMAC deployment map as of November 2020
Figure:1



a. Teams Deployed Vs Staff of the month of November 2020

Table 3:

Demining Tool/Asset	No. of Teams	No. of Staff per Team	Total staff in Nov 2020	Actual Staff		Different	Remarks
				Male	Female		
MPL-27staff	1	27	27	23	4	-	
MPL-17staff	6	17	102	75	16	11	
MPC-15staff	2	15	30	24	-	6	Integrated with 2 BLS, each team consists of 5 staff.
BC-9staff	11	9	99	97	-	2	
BC-2staff	14	2	28	28	-	-	
MPD-15staff	8	15	130	98	-	16	Integrated with 2BLS, each team consists of 5 staff.
DM-3staff	2	4	4	4	-	-	
CDM-(9staff)	1	9	9	9	-	-	



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SLD	2	10	30	24	2	4	Not including SLD#03, SLD#05 and SLD#12 hired to MAG.
EDD	3	6	12	11	1	-	
TSD	1	5	5	5	-	-	
TSC-7staff	19	7	140	134	3	3	
TSC-5staff	29	5	140	111	6	18	
NTS				-	-	-	
BLS	1	5	5	4	-	1	
CMTS	3	7	21	5	16		
BAC-S(7staff)	5	7	35	26	9	-	
BAC-S(5staff)	4	5	20	20	-	-	
MPB (16 Staff)	4	16	68	66	2	-	
BAC-MIT	4	5	20	20	-	-	
EOD-3staff	2	5	6	6	-	-	
ERW	8	5	34	31	-	3	
MDR	2	10	20	15	5	-	
CBMRR+PC	35	1	35	29	5	1	
ESD	1	5	5	4	1	-	
DIT	2	5	10	10	-	-	
Total	170		1,027	879	83	65	

Note:

- Base on the different figure between teams deployed and staff, it shows that at least **0.38%** was lost during the reporting period.

b. Planned and actual operational team-days of the month of November 2020

Table 4:

Tools/Assets	No. of Tools	Operational team days in Nov 2020		Different	Remarks
		Planned	Actual		
MPL	7	140	133	-7	
BC/MPC	27	520	493	-25	
DM/MPD	10	180	171	-9	
CDM	1	20	19	-1	
SLD	3	60	57	-3	
EDD	2	40	31	-9	
TSD	1	20	19	-1	
TSC	48	960	912	-48	
NTS	0	0	0	0	
BLS	1	20	19	-1	
CMTS	3	60	0	-60	
BAC-S	9	180	171	-9	
MPB	4	80	76	-4	
BAC-MIT	4	80	76	-4	



EOD	2	40	38	-2	
ERW	8	160	152	-8	
MDR	2	40	38	-2	
CBMRR	35	700	665	-35	
ESD	1	20	19	-1	
DIT	2	40	38	-2	
Total	170	3,360	3,128	-232	

Note:

- In average, each mobile platoon and mobile team lost at least **-1.36%** working days (team.day) due to Especially, the movement of teams to new minefields and meeting; receptions of delegations and/or guests who visited the minefields and public holiday as mentioned in page 2, that are the cases of losing working days and progress during the reporting period.

5. Activities Output

a) Completion Minefield:

As part of above description, at least **68** mine/ERW fields have been cleared completely by the Demining Units, DDU and Head Quarters during the reporting period. All completed mine/ERW fields have been handed over to the local authorities and communities for productive purposes in accordance with their requests. The **Annex-C** attached shows the detail list of completed mine/ERW fields and some of them are on-going. Among those minefields cleared, it shows the number of beneficiaries as shown in table 5:



b) Number of Minefield and Socio Beneficiaries as of November 2020

With this regard, CMAC mine action activities contribute significantly to the country in terms of mine/UXO casualty reduction. They also contribute to the enhancement of livelihood, settlement, socio-economic and infrastructure activities for individual and also for the affected community development so as to meet the National Strategy of poverty reduction. Without demining, most development activities may not be taken place caused by landmine and UXO contamination. Therefore, the CMAC's mine action activity is still at the top important issue and requirement of the Royal Government of Cambodia to assist Cambodians' people and develop its country as well without the threats of landmine/ERW.

Anyway, during this reporting period, landmine and ERW clearance as of November 2020 provided at least **599** families as direct beneficiaries and **9,866** families as indirect beneficiaries. The Table 5 below is showing us the number of minefields completed and beneficiaries by each DU:

Table5:

DUs	No. of M/Fs released	Area (qsm)	Beneficiaries			No. of M/Fs On going	No. of M/Fs suspended	No. M/Fs handed over
			(Family)					
			Direct	Indirect	Student			
DU1	22	1,338,060	44	6,162	-	9	-	22
DU2	22	2,329,205	66	2,847	-	27	-	22
DU3	9	564,429	11	695	-	26	-	9
DU4	4	699,475	11	43	-	6	-	4
DU5	8	1,671,602	442	-	-	16	-	8



DU6	3	389,292	25	119	-	5	-	3
Total	68	6,992,063	599	9,866	-	89	-	68

c) Land Released Productivities as of November 2020

The overall progress achievement for the month of November 2020 was **9,959,573m²**, which was **1,075,300 m²** was released as C2, and **5,443,945 m²** was released as C3 and **2,404,473 m²** was released by spot check to move ERW out from the small pits and prepare administration and safety areas for operations respectively. In addition, at least **1,720** items of Mine/ERW (479 AP(including 2 IM), 1 AT and **1,240** ERW) were found in the affected landmine and UXO contamination areas to destroy safely. And it should be noted that these figures (mine/UXO found) as mentioned above are not included with the number of devices found and destroyed by EOD teams during the reporting period.

The below table 6 provides a summary of productivity achieved during the reporting period implemented by all Demining Units for the month of November 2020.

Table 6: Summary of productivity achieved:

Land Released Categories	Area (m ²)	AP Mine destroyed	AT Mine destroyed	ERW destroyed	IP Mine destroyed	Fragment	Small Arm(kg)
C1 area released	-	-	-	-	-	-	-
C2 area released	1,117,027	61	-	86	-	11,596	-
C3 area released	5,991,313	411	1	1,150	2	134,744	-
Other Clearance	2,851,233	5	-	4	-	5,812	-
Total	9,959,573	477	1	1,240	2	152,152	-

Note: - Above number of mines and ERW is not included EOD teams' ones.

d) BLS operational progress report

In November 2020, two Battle Areas Clearance-Small teams (BAC-S) of DU5 have been deployed to conduct the Baseline Survey services at Prey Veng province. Regarding this activity, those teams achieved the following results:

Table 7:

Description	DU5	DU6	Total
Number of villages visited	35	-	35
Number of new BLS polygons discovered	39	-	39
Size of BLS polygons (m ²)	2,647,812	-	2,647,812

e) EOD Team Operational Achievement

In addition to the deployment of demining platoons and mobile teams, during the reporting period CMAC deployed at least 2 EOD teams, and other demining tools such as, BAC-MIT, ERW etc throughout the country to collect and destroy mines and ERW reported by local authorities, local people, policemen and NGOs. Anyway, some of EOD teams were deployed at various Demining Unit, CMAC Technical Institute of Mine Action (TIMA), Development Demining Unit (DDU) and Headquarter. This includes 2 EOD and 1 BAC-MIT teams were deployed in CMAC headquarters to respond the urgent requests around Phnom Penh





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municipality, Kandal, Kampong Speu, Takeo, Kampot, Preah Sihanouk and Koh Kong provinces and others else were fully deployed to respond at the northwestern provinces of Cambodia such as in Battambang, Pursat, Pailin under DU2. By the way, in results to compare the number of **314** requests (EOD calls) in November 2020, it is **75.30%** lower than monthly target plan 2020 (as of **417** requests). They did this better work to provide a safe environment from the threat and fear of mines and ERW in the country. Regarding this activity, those teams achieved the following results:

Table 8:

Description	November 2020	Accumulative Progress (Jan–Nov 2020)
Areas Cleared (Spot check) in m ²	24,937	295,415
# EOD tasks conducted (Responded)	314	3,588
# APM destroyed	241	3,011
# ATM destroyed	2	41
# ERW destroyed	1,745	19,364
# Improvised mines destroyed	-	-
# Small Arms Ammunition (kg)	-	472
# Fragment (pieces)	4,533	15,476

Note: -During the reporting period, at least **295** requests with **241** AP, 1 AT and **1,643** were collected and destroyed by 8ERW, 4BAC-MTT and DU5 OPS section, ERW#16, (DU1), ERW#13&18, 22 (DU2), ERW#02 (DU3), ERW#01(DU4), ERW#08(DU6), ERW#06(TIMBA), BAC-MTT#10,14,28, OPS-section (DU5) and also BAC-MTT#23 at CMAC HQ in Phnom Penh.

f) Mine Risk Education and Reduction (MRE)

Mine Risk Education still plays vital role in reducing and removing threats provoked by mines and ERW. This includes MRE and collecting requests from local communities and authorities and NGOs. However, the remaining CBMRR are still doing their tasks as well. Regarding this, at least **1,475** MRE sessions to **80,352** audiences, and visited **47,606** households and collected **267** community's requests, were carried out by all CBMRR and demining platoons and mobile teams during the reporting period. The below Table 8 provides an overview of details MRE outputs as of November 2020.



Table 9: Overview of outputs

Types of Progresses	Demining teams	CBMRR (DFP)	Total
Village visited	428	441	869
Course of MRE session	636	839	1,475
Household and field visited	8,089	39,517	47,606
Total audience group attended in MRE Course	25,074	55,278	80,352
➤ Men	9,650	22,528	32,178
➤ Women	9,079	24,316	33,395
➤ Children in school	3,777	5,768	9,545
➤ Out of school children	2,568	2,666	5,234
Total number of requests(M/UXO) and report to EOD	219	48	267
- AP & Improvised mines	24	69	93
- AT mines	-	-	-
- UXO	787	362	1,149
MRE materials have been used for their activities			
- large T-shirt	-	-	-
- Small T-shirt			



Types of Progresses	Demining teams	CBMRR (DFP)	Total
- Note book	311	-	311
- Poster	277	5	282
- Flyer	34	-	34
- Leaflet	17	-	17
- Other	4	-	4

Productivity Analysis

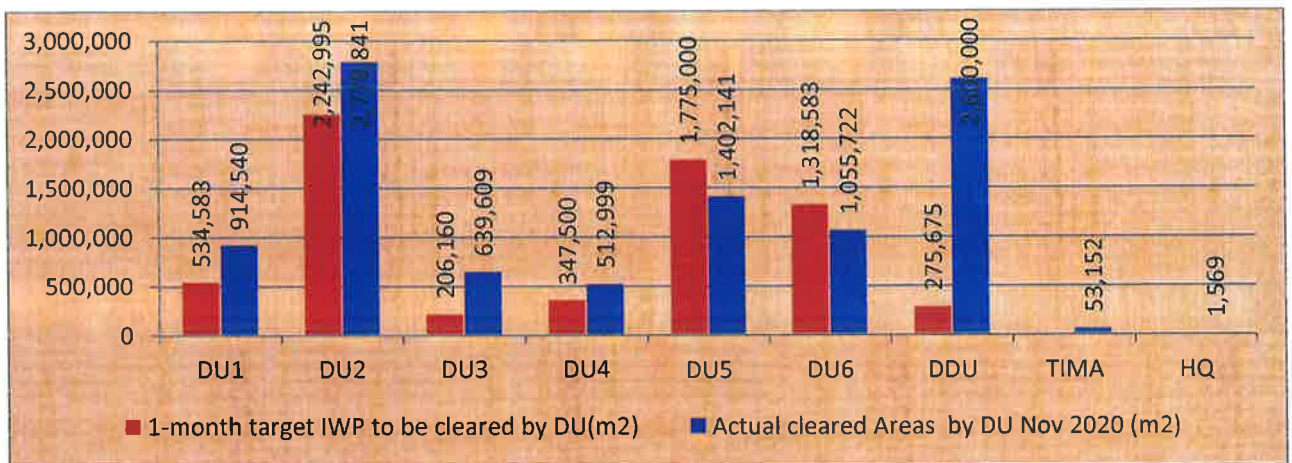
1) Progress Comparison to the Set IWP 2020 (by Month):

The table below is demonstrated the Set of Monthly Clearance Target in IWP 2020 by comparing to Progress Achievement accomplished in November 2020.

Table 10: Monthly Clearance Target VS Actual Progress Achievement November 2020

S/N	Demining Unit	Areas to be cleared by DU in November 2020 (m ²)	Actual Achievement in November 2020	
			Actual Progress by DU in Nov. 2020 (m ²)	% in comparing to Monthly Work Plan by DU
1	DU1	534,583	914,540	171.08%
2	DU2	2,242,995	2,779,841	123.93%
3	DU3	206,160	639,609	310.25%
4	DU4	347,500	512,999	147.63%
5	DU5	1,775,000	1,402,141	78.99%
6	DU6	1,318,583	1,055,722	80.06%
7	DDU	275,675	2,600,000	943.14%
8	TIMA		53,152	-
9	HQ		1,569	-
	Total	6,700,496	9,959,573	148.64%

Chart4: Comparison of each DU target set in IWP 2020 VS Monthly Actual Achievement



2) Progress Comparison to 10-Month Planned target VS accumulative progress

the table 11 below shows each Demining Unit accumulative progress achieved against the planned target of each DU, starting from January to November 2020.

Table 11: 11- Month Clearance Target VS Accumulative Actual Progress Achievement Jan-Nov 2020

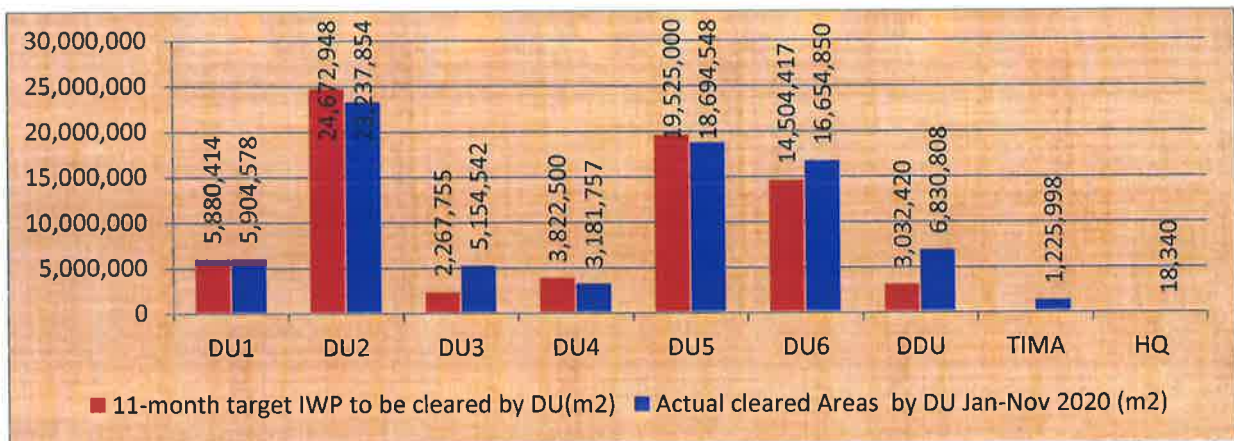
S/N	Demining Unit	11-Month Planned target by DU from Jan-	Actual Achievement from Jan-Nov 2020	
			Accumulative Actual	% in comparing to 11-



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		Nov 2020 (m ²)	Progress by DU from Jan-Nov 2020 (m ²)	Month Work Plan by DU
1	DU1	5,880,414	5,904,578	100.41%
2	DU2	24,672,948	23,237,854	94.18%
3	DU3	2,267,755	5,154,542	227.30%
4	DU4	3,822,500	3,181,757	83.24%
5	DU5	19,525,000	18,694,548	95.75%
6	DU6	14,504,417	16,654,850	114.83%
7	DDU	3,032,420	6,830,808	225.26%
8	TIMA		1,225,998	-
9	HQ		18,340	-
	Total	73,705,453	80,903,275	109.77%

Chart5: Comparison of 11-Month Planned Target VS 11-Month Actual Achievement by Demining Units

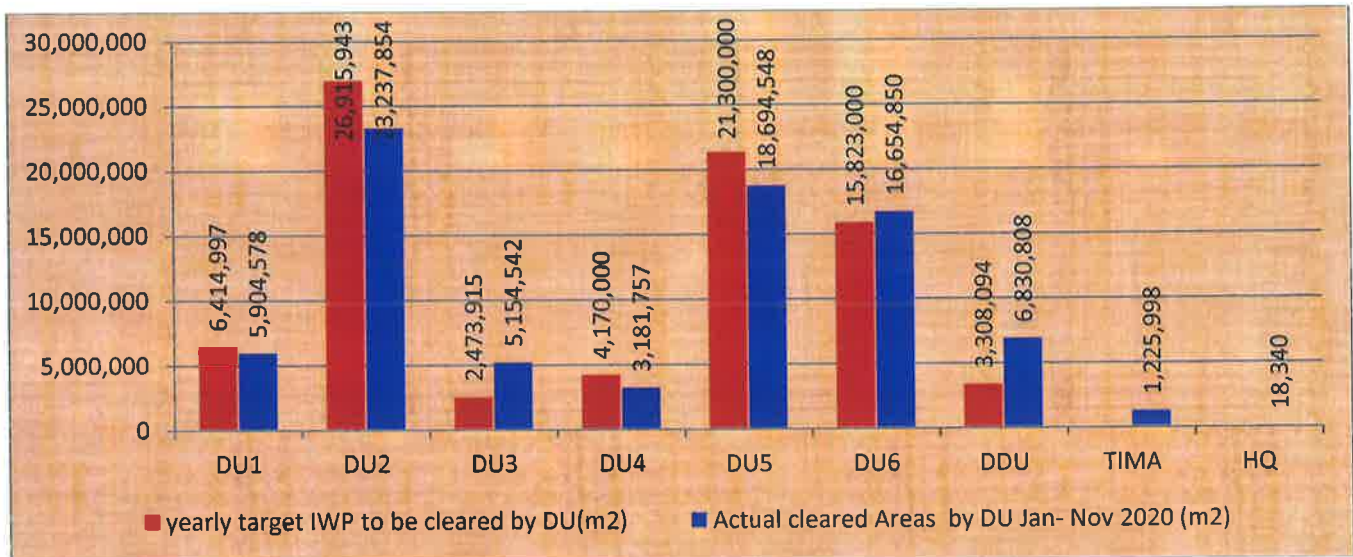


The purpose of setting out the planned target to all Demining Units is for CMAC Internal Monitoring activity at CMAC Senior Level and also to reflect progress achievement against the annual work plan based on existing projects, project target, demining resources, clearances techniques and methodologies of CMAC. Regarding this, each Demining Unit was not set out the same standardized figures of Planning Target to perform the tasks. This due each Demining Unit consists of different projects, resources, timeframe and budgeting to implement the project at different terrain and locations. However, the table 11 below shows us each Demining Unit progress achieved against the planned target of each DU, starting from January to November 2020.

Table 12:

S/N	Demining Unit	Annual Work Plan Set, 2020		Actual Achievement from Jan-Nov 2020	
		Areas to be cleared by DU in (m ²)	Annual (%) by DU	Accumulated progress by DU in Jan to Nov 2020 in (m ²)	% in comparing to Annual Work Plan by DU
1	DU1	6,414,997	8.0%	5,904,578	92.04%
2	DU2	26,915,943	33.5%	23,237,854	86.33%
3	DU3	2,473,915	3.1%	5,154,542	208.36%
4	DU4	4,170,000	5.2%	3,181,757	76.30%
5	DU5	21,300,000	26.5%	18,694,548	87.77%
6	DU6	15,823,000	19.7%	16,654,850	105.26%
7	DDU	3,308,094	4.1%	6,830,808	206.49%
8	TIMA	-	-	1,225,998	-
9	HQ	-	-	18,340	-
	Total	80,405,949	100 %	80,903,275	100.64%

Chart6: Comparison of each DU target set in IWP 2020 VS Actual 11-month Achievement (Jan-Nov 2020)



In November 2020, most DUs achieved productivities against the monthly IWP target 2020 but it was still encountered issues as the following points:

a. **Projects and refreshing course issues:**

No.	Demining Unit	Issues	Lost productivity (m ²)
1	DU3	CMAC has not got the Clearing For Results (CFR) project for DU3 as expectation in November 2020.	206,160
2	DU5	Refresher course training for 3 CMTS and waiting for operational equipment for a whole month.	375,000
3	DDU	CMAC has not got the Southwest irrigation project as expectation in November 2020.	275,675
Total			856,834

b. **If we add the lost productivity with actual one as table showing:**

1-Month target	Actual productivity	Lost productivity	Total (m ²)	Compared to 1-month target (%)
6,700,496 m ²	9,959,573 m ²	856,834 m ²	10,816,407 m ²	161.43%

3) Progress Analysis by Project:

In addition to the progress by each DU and by demining tools, CMAC is still implementing and recording the progress by each project including the bilateral and earmark projects. During the reporting period, some projects have been being continuing an implementation so called USA-NPA(USA-24) project of DU5 from 1 November 2020 to 28 February 2021 and two projects have started an implementation so called Integrated Mine Clearance Landmine Victim Assistance (IMV) of DU2 from 01 November 2020 to 31 March 2022, CCL02 project of DU6 from 01 January to 31 December 2020 and Clearing For Results so called (CFR) from 01 June to 31 December 2020. However, the accumulative progress of all projects' achievement from the starts up to November 2020 are presenting as below table 11:

Table 13: Some Current Projects Executing up to November 2020

Project Name	Project Duration		Achievement			Project Target	Percentage
	Starting	End date	Project	Project	Project		



	date		progress up to last month in 2020 (m ²)	progress in Nov 2020 (m ²)	accumulated progress up to Nov 2020 (m ²)		
CAC (IMCCD)	16-Aug-20	15-Aug-21	73,204	26,180	99,384	200,000	49.69%
USA-NPA (USA24)	1-Mar-20	28-Feb-21	13,157,329	1,402,141	14,559,470	21,300,000	68.35%
PIMV	1-Jul-20	31-Mar-22	8,114,182	2,378,792	10,492,974	44,940,000	23.35%
CCL-02	1-Jan-20	31-Dec-20	14,772,696	1,009,829	15,782,525	15,823,000	99.74%
DU1-CFR21	1-Jun-20	31-Dec-20	2,772,637	914,540	3,687,177	4,742,671	77.74%
DU2-CFR22	1-Jun-20	31-Dec-20	2,769,096	1,014,478	3,783,574	4,874,313	77.62%

4) Operational Factor Analysis:

Regarding the above demonstrated progress, some relevant reasons for the productivity achieved during the reporting period (by focusing on November 2020) areas below:

1. **Fragment Contamination (FC)**, in total **152,152** pieces found over a cleared area of **9,959,573m²**. This is **0.02** pieces per square meter. In percentage of technical terms, it is:
 - **94.03%** of land cleared had light fragment contamination, in the operational areas of all DUs,
 - **5.97%** of land cleared had medium fragment contamination, in the operational areas at all DUs,

Note: * Fragment Contamination Factor (FC) Light=1(0.25 to 2 pieces per m²); medium=0.8 (2 to 3.50 pieces per m²); heavy=0.6 (3.50 to 4 and/ or over 4 pieces per m²)

2. **The presence of personnel at work, in total (16,977 person-days):**
 - 84.75% of total field personnel were present at work
 - 2.14% of total field personnel were assigned to attend CMAC training courses,
 - 0.48% were on mission,
 - 3.17% were on taking annual leave,
 - 0.87% were on sick leave,
 - 0.38% were on compensation leave
 - 0.22% were on maternity leave
 - 0.06% were on leave without pay
 - 0.00% were on leave without permission,
 - 6.41% were shortfall field personnel,
 - 0.02% were absent,
 - 0.14% were on obligation leave (to work out of the project temporarily...etc),
 - 1.35% were absent for other reasons
3. **Working Hours, in total (17,606 hours-days):**
 - 76.40% of total times were working hours
 - 1.11% of total times were the raining period,
 - 12.34% of total times were the travelling hours,
 - 1.20% of total times were the maintenance periods of all BC and DM teams,
 - 0.09% of total times were the repairing hours of all BC and DM teams,
 - 0.00% of total times were waiting periods to get spare part for repairing some BC and DM teams,
 - 0.00% of total times were the movement or replacing accommodation and transportation of goods; and BC or DM to the new location,
 - 8.87% of total times were other reasons and or moved BC to assist other development.
4. **The Mine Detectors, in total (13,339 mine detector-days):**
 - 65.18% of all mine detectors (MD) were actually used for the operations.



- 34.82% of mine detectors were not used due to deminers being absent or on leave, or detectors broken and being sent for repairs at the CMAC Central Workshop in Battambang province,

5. The mine detection dogs (MDD), in total (1,098 mine detection dog-days):

- 66.76% of all mine detection dogs (MDD/EDD) were actually used for operations.
- 23.95% of mine detection dogs were assigned to attend refresher training at the CMAC TC and
- 9.29% of mine detection dogs were sick and had to be treated at the CMAC Training Center.
- 0.00% of lack mine detection dogs.

5) Other Reasons Affecting Operational Progress:

a) Adherence to work plan

- During the reporting period as of November 2020, DU5 are still improving and urging the use of the Land Release Techniques, BLS, Process and methodology to eliminate the mistakes to their demining teams in terms of correction and prevention action of any misunderstanding and technical aspects so that to work as well, speed up operations and increasing progress to meet the planned target of CMAC Annual Work Plan as set out of the year 2020. However, some mistakes of technical aspects in doing BLS and Survey are still complicated issues at frontline level that needs experts from CMAC HQ to assist them for correction action in a timely.

b) Collaboration with others

- At least **68** minefields have been cleared in November 2020 handed over to the land owners and local communities for productive purposes at Banteay Meanchey, Battambang, Pailin, Siem Reap, Preah Vihear, Kampong Cham, Kratie and various provinces in collaboration with the local authorities, MAPU and CMAA in doing the QA/QC activities before releasing land safely.
- In addition to the above mentioned, during the reporting period all DUs have also cooperated with MAPU, local authorities, NGOs, stakeholders and other development partners in Banteay Meanchey, Battambang, Pailin, Siem Reap, Oddar Meanchey, Preah Vihear, Kampong Cham, Kratie and southeastern provinces of Cambodia to collect the mine/UXO clearance requests for their next clearance planning.

c) Challenges and actions taken

Demining Unit 1:

- Weather was hot, some time.
- Some operational material/equipment is broken and older.

Demining Unit 2:

- Weather was hot, some time.
- There was dense vegetation in some areas.
- There was a lot of fragmentation.
- Some operational material/equipment such as grass cutters and hand cutting tools are broken.

Demining Unit 3:

- Weather was hot, some time.
- There was dense vegetation in some areas.
- There was a lot of fragmentation.
- Some grass cutters and hand cutting tools could not sharpen anymore.

Demining Unit 4:

- Weather was hot, some time.



- There was dense vegetation.
- Some areas were mineralized soils.
- Some fields are the plateaus.

Demining Unit 5:

- Weather was hot, some time.
- There were insects in some UXO fields to disturb operational clearance.
- The ERW requests from local authorities were not taken place on time due because of remote places.

Demining Unit 6:

- Weather was hot.
- There was dense vegetation.

Safety and Occupational Health

- There were neither critical issues nor accidents at all DUs for this reporting period, especially the safety principle and staff healthy were strengthened and suffused to all mobile platoons and teams about SOP, sanitation, epidemic diseases and food prevention.
- All DUs always take measure to prevent the spread of COVID-19:
 - Clean hands often with soap and water or an alcohol-based hand rub.
 - Checks the temperature before operations.
 - Wear facial mask.
 - Maintain the social distancing guidelines.
 - Work at home for some office staff.
 - Cover nose and mouth with bent elbow or a tissue/scarf when coughing or sneeze.

d) The Next Month Planning

- All DUs are going to continue strengthening and urge all demining teams to implement and follow on all existing SOPs to avoid mine/ERW incident during operations and as well as to provide them for safe manner and professionalism in demining.
- All DUs will continue to follow up and work closely to monitor and conduct QA/QC independently with their own resources and also to cooperate with CMAA QA/QC teams as much as possible, to eliminate all mistakes of all demining teams' performance as well and also to increase productivity to achieve their set target in 2020.
- All DUs will continue to maintain, follow up and implement the existing projects at their own DUs. Taking responsibility for coordinating and cooperating with CMAC Headquarters and the donors, to accomplish the project goals and objectives and the planned targets for 2020 as well.
- All DUs will continue to perform and apply the land release process and techniques to all demining teams in order to increase productivity and to achieve the set target in 2020.

6. **Major Events: None**

7. **Suggestion/Conclusion:**

- All demining activities and safety principle at ground levels are still continuing to respect and follow on them and existing SOPs so that everyone (deminers) gets safe during their performing the demining activities without any accident from explosion of landmine and UXO, in October 2020.
- The Department of Support/HR should strengthen performing its processes of resupply, repairs for operational equipment, vehicles, brush cutters, demining machines and materials smoothly for all DUs.



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CAMBODIAN MINE ACTION CENTRE

- Without the equipment support/resupply in time for all Demining teams, it will make decreasing of massive progresses of the performing will not meet the annual target plan of 2020.

Verified by:

Checked by:

Prepared by:

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18 December 2020

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Permanent Deputy Director of
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18 December 2020

Tep Sakoeun

Chief of statistics
18 December 2020

Attachment:

- Annex A: CMAC Operational Progress Summary from 1992 up to November 2020
- Annex B: Monthly Progress Report by DU for November 2020
- Annex C: List of Completed Minefields and On-going as of November 2020 (all DUs)
- Annex D: Summary of Baseline Survey Report for November 2020.
- Annex E: Summary of CBMRR Report for November 2020.

CMAC OPERATIONAL SUMMARY PROGRESS REPORT

1992 UP TO Nov 2020

Progress	Total Progress Achievemnt Up to Date		Other											EOD & MRE Tasks		
	Mine/Ammunition Found & Destroyed											Small Arms (kgs)	Requested	Responded		
	AP mine	AT mine	Improvised Mines	UXO	AXO	Others	Fragments	Others	Requested	Responded						
UNTAC Mar./92-Oct/93	19,433	132	0	96,486	0	0	22,085,279	0	0	0	0	0	0	0	0	0
CMAC Nov/93-Dec/94	12,126	121	0	208,854	0	0	52,334,579	0	0	0	0	0	0	0	0	0
CMAC 1995	22,115	93	0	47,123	0	0	23,670,218	0	0	0	0	0	0	0	0	0
CMAC 1996	7,126	190	0	31,574	0	0	64,352,250	0	0	0	0	0	0	0	0	0
CMAC 1997	17,035	266	0	32,767	0	0	12,110,064	0	0	0	0	0	0	0	0	0
CMAC 1998	13,536	245	0	47,313	0	0	19,583,367	0	0	0	0	0	0	0	0	0
CMAC 1999	14,322	649	0	67,610	0	0	17,480,591	0	0	0	0	0	0	0	0	0
CMAC 2000	15,733	628	0	45,379	0	0	20,894,845	0	0	0	0	0	0	0	0	0
CMAC 2001	16,916	465	0	77,034	0	0	14,069,870	0	0	0	0	0	0	0	0	0
CMAC 2002	32,688	493	0	61,840	0	0	19,767,069	0	0	0	0	0	0	0	0	0
CMAC 2003	22,160	504	0	76,671	0	0	21,032,570	0	0	0	0	0	0	0	0	0
CMAC 2004	43,635	936	0	106,360	0	0	20,804,831	4,500	0	0	0	0	0	0	0	0
CMAC 2005	74,165	851	0	128,865	0	0	23,866,907	21,800	0	0	0	0	0	0	0	0
CMAC 2006	35,745	1,000	61	113,296	0	0	26,109,554	5,236	0	0	0	0	0	0	9,379	0
CMAC 2007	32,245	587	273	114,755	0	0	24,732,667	6,706	0	0	0	0	0	0	9,334	0
CMAC 2008	25,543	497	166	114,101	0	0	19,874,891	7,001	0	0	0	0	0	0	9,478	0
CMAC 2009	18,906	550	257	135,661	0	0	16,177	16,177	0	0	0	0	0	0	11,537	0
CMAC 2010	18,271	406	310	135,451	0	0	14,536,442	16,177	0	0	0	0	0	0	11,537	0
CMAC 2011	14,573	406	229	83,673	5,531	3	6,277,154	9,955	13,392	130,675	3	5,752	11,513	9,038	12,443	0
CMAC 2012	16,106	558	277	96,439	1,023	19	7,001,874	4,816	12,407	19	4,816	4,816	12,407	9,329	12,876	0
CMAC 2013	11,249	284	272	111,428	43	0	4,438,878	4,988	14,028	43	0	4,988	14,028	12,876	10,486	0
CMAC 2014	13,908	346	180	98,299	814	0	4,473,221	2,814	11,066	814	0	4,473,221	11,066	10,486	4,643	0
CMAC 2015	7,866	185	24	51,345	111	0	3,304,969	501	4,643	111	0	3,304,969	501	4,643	4,643	0
CMAC 2016	4,275	128	25	30,005	31	0	1,560,044	527	2,598	31	0	1,560,044	527	2,598	2,618	0
CMAC 2017	5,277	108	109	39,739	20	446	1,786,155	1,852	3,977	446	446	1,786,155	1,852	3,977	3,974	0
CMAC 2018	7,934	73	108	37,385	3	110	1,862,413	2,705	3,678	110	110	1,862,413	2,705	3,678	3,681	0
CMAC 2019	5,524	77	15	33,074	0	18	1,314,596	1,401	3,251	18	18	1,314,596	1,401	3,251	3,251	0
CMAC-2020	7,727	106	32	31,375	0	566	1,548,118	472	3,585	566	566	1,548,118	472	3,585	3,588	0
Jan-2020	925	26	0	2,522	0	0	123,822	91	276	0	0	123,822	91	276	276	0
Feb-2020	7,621,217	21	0	2,822	0	0	135,997	35	280	0	0	135,997	35	280	280	0
Mar-2020	7,588,724	566	0	2,588	0	5	132,066	31	310	5	5	132,066	31	310	310	0
Apr-2020	6,892,405	642	10	2,574	0	553	130,705	1	365	553	553	130,705	1	365	368	0
May-2020	5,982,799	520	6	2,706	0	2	125,403	14	339	2	2	125,403	14	339	339	0
Jun-2020	7,777,408	714	2	2,830	0	0	149,307	14	390	0	0	149,307	14	390	390	0
Jul-2020	7,673,044	1,047	4	3,901	0	0	173,800	130	454	0	0	173,800	130	454	454	0
Aug-2020	5,356,094	474	4	2,425	0	0	123,394	37	277	0	0	123,394	37	277	277	0
Sep-2020	6,954,984	653	7	2,958	0	2	149,975	34	293	2	2	149,975	34	293	293	0
Oct-2020	8,923,718	712	3	3,065	0	4	151,497	85	287	4	4	151,497	85	287	287	0
Nov-2020	9,959,573	718	3	2,984	0	0	152,152	0	314	0	0	152,152	0	314	314	0
Dec-2020																
Grand Total up to date	537,064	10,910	2,338	2,256,424	7,576	131,837	463,040,689	97,201	90,938	115,655	115,655	463,040,689	97,201	90,938	115,655	0

a. *List of Tasks Completed by End of Reporting*

DUUs	S/N	Task ID	Status	S/N	Task ID	Status
DU1	1	BS/CMAA/11326	Completed	12	BS/CMAA/22295	Completed
	2	BS/CMAA/22304	Completed	13	BS/CMAA/22409	Completed
	3	BS/CMAA/22420	Completed	14	BS/CMAA/22421	Completed
	4	BS/CMAA/22423	Completed	15	BS/CMAA/22539	Completed
	5	BS/CMAA/22546	Completed	16	BS/CMAA/22552	Completed
	6	BS/CMAA/22836	Completed	17	BS/CMAA/22883	Completed
	7	BS/CMAA/22896	Completed	18	BS/CMAA/22897	Completed
	8	BS/CMAA/22898	Completed	19	BS/CMAA/22898	Completed
	9	BS/CMAA/22900D	Completed	20	BS/CMAA/22926	Completed
	10	BS/CMAA/23156B	Completed	21	BS/CMAA/23172A	Completed
	11	BS/CMAA/23174	Completed	22	BS/CMAA/35408	Completed
DU2	1	BS/CMAA/07220	Completed	12	BS/CMAA/06886	Completed
	2	BS/CMAA/07222	Completed	13	BS/CMAA/24055	Completed
	3	BS/CMAA/03319	Completed	14	BS/CMAA/01297	Completed
	4	BS/CMAA/13239	Completed	15	BS/CMAA/03167	Completed
	5	BS/CMAA/13241	Completed	16	BS/CMAA/02701	Completed
	6	BS/CMAA/09556	Completed	17	BS/CMAA/01385	Completed
	7	BS/CMAA/09575B	Completed	18	BS/CMAA/06848A	Completed
	8	BS/CMAA/09218	Completed	19	BS/CMAA/06848B	Completed
	9	BS/CMAA/09570	Completed	20	BS/CMAA/06760B	Completed
	10	BS/CMAA/09223	Completed	21	BS/CMAA/01061B	Completed
	11	BS/CMAA/07135	Completed	22	BS/CMAA/00357	Completed
DU3	1	BS/CMAA/00510	Completed	6	BS/CMAA/03821C	Completed
	2	BS/CMAA/02937E	Completed	7	BS/CMAA/03064B	Completed
	3	BS/CMAA/02937C	Completed	8	BS/CMAA/00486	Completed
	4	BS/CMAA/02937D	Completed	9	BS/CMAA/03818C	Completed
	5	BS/CMAA/03099B	Completed			
DU4	1	BS/CMAA/31236	Completed	3	BS/CMAA/04015	Completed
	2	BS/CMAA/31269	Completed	4	BS/CMAA/04018	Completed
DU5	1	BS/CMAA/07835B	Completed	5	BS/CMAA/09321A	Completed
	2	BS/CMAA/10214	Completed	6	BS/CMAA/09683A	Completed
	3	BS/CMAA/07043B	Completed	7	BS/CMAA/09686B	Completed
	4	BS/CMAA/09336	Completed	8	BS/CMAA/11031	Completed
DU6	1	BS/CMAA/06035C	Completed	3	BS/CMAA/12356	Completed
	2	BS/CMAA/12352	Completed			
TIMA	1		Completed			

- Sub-total of Completed mine/UXO fields= 68 Fields

b. *List of Tasks Ongoing by End of Reporting*

DUUs	S/N	Task ID-	Status	S/N	Task ID	Status
DU1	1	BS/CMAA/10294	Ongoing	6	BS/CMAA/22305	Ongoing
	2	BS/CMAA/22547B	Ongoing	7	BS/CMAA/22647B	Ongoing
	3	BS/CMAA/23112	Ongoing	8	BS/CMAA/23124	Ongoing
	4	BS/CMAA/23126	Ongoing	9	BS/CMAA/23151B	Ongoing
	5	BS/CMAA/23167	Ongoing			
DU2	1	BS/CMAA/06902	Ongoing	15	BS/CMAA/10282B	Ongoing
	2	BS/CMAA/06831	Ongoing	16	BS/CMAA/30028B	Ongoing
	3	BS/CMAA/06895	Ongoing	17	BS/CMAA/11858	Ongoing
	4	BS/CMAA/02245	Ongoing	18	BS/CMAA/09654	Ongoing
	5	BS/CMAA/02243	Ongoing	19	BS/CMAA/24054	Ongoing
	6	BS/CMAA/06976	Ongoing	20	BS/CMAA/02217	Ongoing
	7	BS/CMAA/03315	Ongoing	21	BS/CMAA/06837B	Ongoing
	8	BS/CMAA/09245	Ongoing	22	BS/CMAA/02232	Ongoing
	9	BS/CMAA/09559	Ongoing	23	BS/CMAA/00204	Ongoing
	10	BS/CMAA/09552	Ongoing	24	BS/CMAA/06837B	Ongoing
	11	BS/CMAA/06973	Ongoing	25	BS/CMAA/01806	Ongoing
	12	BS/CMAA/09216	Ongoing	26	BS/CMAA/11842	Ongoing
	13	BS/CMAA/02244	Ongoing	27	BS/CMAA/10241	Ongoing
	14	BS/CMAA/06729	Ongoing			
DU3	1	BS/CMAA/00490B	Ongoing	14	BS/CMAA/02463	Ongoing
	2	BS/CMAA/31468B	Ongoing	15	BS/CMAA/07073	Ongoing
	3	BS/CMAA/03064B	Ongoing	16	BS/CMAA/02976B	Ongoing
	4	BS/CMAA/03064C	Ongoing	17	BS/CMAA/02976C	Ongoing
	5	BS/CMAA/03064D	Ongoing	18	BS/CMAA/02976D	Ongoing
	6	BS/CMAA/03818B	Ongoing	19	BS/CMAA/02939B	Ongoing
	7	BS/CMAA/12091	Ongoing	20	BS/CMAA/02814	Ongoing
	8	BS/CMAA/02980	Ongoing	21	BS/CMAA/07230	Ongoing
	9	BS/CMAA/12096	Ongoing	22	BS/CMAA/07242	Ongoing
	10	BS/CMAA/02787B	Ongoing	23	BS/CMAA/09257	Ongoing
	11	BS/CMAA/02810B	Ongoing	24	BS/CMAA/09254B	Ongoing
	12	BS/CMAA/02632	Ongoing	25	BS/CMAA/02974	Ongoing
	13	BS/CMAA/06739	Ongoing	26	BS/CMAA/12094	Ongoing
DU4	1	BS/CMAA/03978	Ongoing	4	BS/CMAA/31266	Ongoing
	2	BS/CMAA/31267	Ongoing	5	BS/CMAA/04065	Ongoing
	3	BS/CMAA/31234	Ongoing	6	BS/CMAA/04009	Ongoing
DU5	1	BS/CMAA/08786	Ongoing	9	BS/CMAA/09336	Ongoing
	2	BS/CMAA/11030	Ongoing	10	BS/CMAA/10214	Ongoing
	3	BS/CMAA/08701	Ongoing	11	BS/CMAA/07043B	Ongoing
	4	BS/CMAA/11031	Ongoing	12	BS/CMAA/09683A	Ongoing
	5	BS/CMAA/10974	Ongoing	13	BS/CMAA/32711	Ongoing
	6	BS/CMAA/11005	Ongoing	14	BS/CMAA/09335A	Ongoing
	7	BS/CMAA/10337	Ongoing	15	BS/CMAA/07835B	Ongoing
	8	BS/CMAA/10941	Ongoing	16	BS/CMAA/09686A	Ongoing

DU6	S/N	Task ID-	Status	S/N	Task ID	Status
	1	BS/CMAA/12357	Ongoing	6	BS/CMAA/10722	Ongoing
	2	BS/CMAA/09446	Ongoing	7	BS/CMAA/12089	Ongoing
	3	BS/CMAA/04598A	Ongoing	8	BS/CMAA/07621	Ongoing
	4	BS/CMAA/04288	Ongoing	9	BS/CMAA/13120	Ongoing
	5	BS/CMAA/10658	Ongoing	10	BC/CMAA/07642A	Ongoing
TIMA	1		Ongoing			

- Sub -Total Ongoing mine/UXO fields = 89 fields

Grand Total: 157 fields

Summary of DU5 & DU6 Baseline Survey Report in Nov 2020

Description	DU5	DU6	Total	Remarks
Village Visited	35		35	
New BLS polygons discovered	39		39	
Total New BLS Size (m ²)	2,647,812		2,647,812	