

**ADDITIONAL INFORMATION, CLARIFICATION OF DATA REQUIRED BY  
THE COMMITTEE OF STATES PARTIES FOR THE DEVELOPMENT OF  
FINAL CONCLUSIONS**

- TO REVIEW AND CONFIRM TECHNICAL DATA FOR DEMINING PROGRESS, DETAILED BY TECHNICAL DIAGNOSIS AND THE CORRESPONDING MINIMUM MINE AREA CONFIRMED AND CLEARED, AND BY A NON-TECHNICAL DIAGNOSIS, THE CANCELED SUSPICIOUS AREA.

After an in-depth analysis and validation of the data in the Information Management section of BE 68 "COTOPAXI" and CGDEOD, a review of technical data on the progress of humanitarian demining was carried out from its inception in 2000 to 2016. (CHA) data of the confirmed hazardous area was verified, cleared area and analysis and verification of operational results data regarding the Non-Technical Study and the respective analysis and verification of suspect hazardous areas canceled (SHA).

For a better explanation, the technical data on progress of demining were separated by provinces and years in which the operations were carried out.

The analysis of the data detailed in **Table No. 1** shows the progress of the humanitarian demining operations from the year 2000 to the year 2016 with technical diagnosis and the corresponding confirmed hazardous area (CHA) and cleared detailed by provinces.

**Table No. 2** shows the progress of humanitarian demining operations from 2000 to 2016 with a technical diagnosis and the corresponding mined area confirmed and cleared in years.

**Table No. 3** explains the progress data of the humanitarian demining operations from 2000 to 2016 with non-technical diagnosis, the suspected hazardous area canceled (SHA) by provinces.

**Table No. 4** shows the progress of humanitarian demining operations since the year 2000 until 2016 with non-technical diagnosis and the suspect area canceled in years.

Provinces	Cleared area (square meters)	Area Canceled (square meters)	Total area released (square meters)	Number of destroyed (AP) antipersonnel mines	Number of destroyed (AT) anti-tank mines	Number of explosive remnants of war destroyed	Number of areas released	Detail of areas
El Oro	61.472,25	42.000,00	103.472,25	203	70	1	24	<b>CHA Confirmed and cleared</b>
Loja	45.541,64	20.772,54	66.314,18	68	4	1	27	
Morona Santiago	187.046,45	51.921,50	238.967,95	10.171	-	22	100	
Pastaza	31.070,00	-	31.070,00	12	-	-	4	
Zamora Chinchipe	43.417,00	15.267,00	58.684,00	977	-	-	6	
<b>Total</b>	<b>368.547,34</b>	<b>129.961,04</b>	<b>498.508,38</b>	<b>11.431</b>	<b>74</b>	<b>24</b>	<b>161</b>	

**Table N° 1** Progress data on humanitarian demining operations from 2000 to the year 2016 with technical diagnosis and the corresponding confirmed hazardous area (CHA) and cleared by provinces.

Year	Area cleared m2	Area canceled m2	Area released m2	Amount AP mines destroyed	Amount mined AT destroyed	Amount of explosive remnants of war	Number of areas released	Detail of areas
2000	43.956,50		<b>43.956,50</b>	2.699	23		2	<b>CHA Confirmed and cleared</b>
2001	11.021,00		<b>11.021,00</b>	1.469			1	
2002	3.999,00		<b>3.999,00</b>	135	37	1	6	
2003	24.971,19		<b>24.971,19</b>	60	1	1	23	
2004	12.990,00		<b>12.990,00</b>	35	3		4	
2005	7.122,20		<b>7.122,20</b>	32		3	3	
2006	12.219,00		<b>12.219,00</b>	68		2	12	
2007	2.586,50		<b>2.586,50</b>	123	1	1	2	
2008	6.215,25		<b>6.215,25</b>	176	4		5	
2009	8.191,38		<b>8.191,38</b>	85	3		10	
2010	33.438,72	9.500,00	<b>42.938,72</b>	5	2		32	
2011	60.110,30	6.166,54	<b>66.276,84</b>	29			27	
2012	21.910,80	47.106,00	<b>69.016,80</b>	813		5	23	
2013	12.331,00	-	<b>12.331,00</b>	183			3	
2014	39.660,50	47.744,50	<b>87.405,00</b>	4.181		9	7	
2015	66.414,00	16.177,00	<b>82.591,00</b>	773			1	
2016	1.410,00	3.267,00	<b>4.677,00</b>	565		2		
<b>General total</b>	<b>368.547,34</b>	<b>129.961,04</b>	<b>498.508,38</b>	<b>11.431</b>	<b>74</b>	<b>24</b>	<b>161</b>	

**Table N° 2** Data on humanitarian demining operations from 2000 to 2016 with technical diagnosis and the corresponding mined area confirmed and cleared in years.

Province	Area canceled m2	Detail of areas
<b>El Oro</b>	42.000,00	<b>Suspicious / Canceled SHA</b>
<b>Loja</b>	20.772,54	
<b>Morona Santiago</b>	51.921,50	
<b>Zamora Chinchipe</b>	15.267,00	
<b>Total</b>	<b>129.961,04</b>	

**Table N° 3** Data on humanitarian demining operations from 2000 to 2016 with non-technical diagnosis, the suspect hazardous area canceled (SHA) by provinces.

Year	Area canceled m2	Detail of areas
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2010	9.500,00	<b>Suspicious / Canceled SHA</b>
2011	6.166,54	
2012	47.106,00	
2014	47.744,50	
2015	16.177,00	
2016	3.267,00	
<b>General Total</b>	<b>129.961,04</b>	

**Table N° 4** Data on humanitarian demining operations from 2000 to 2016 with non technical diagnosis, the suspicious area canceled in years.

**• TO EVIDENCE WHETHER THE ASSIGNED BUDGET WILL BE READJUSTED AND HOW MUCH? BECAUSE OF THE INCREASE OF SUSPICIOUS AREAS RECEIVED FROM PERU.**

The suspicious areas delivered by Peru to Ecuador correspond to: thirteen areas (13) delivered in 2012 and an area (1) delivered at the beginning of 2014.

In this regard, the budget allocated for humanitarian demining operations includes the fourteen (14) areas delivered to Ecuador by Peru Until the year 2014; It should be noted that during this year the "DRAFT FOR RELEASE OF LANDS KNOWN TO THE MOMENT POLLUTED BY LANDMINES IN THE COMMON BORDER ECUADOR-PERU " was approved, for the development of humanitarian demining operations, where they have already been considered. It should be pointed out that this project is a multiannual investment and is financed by the National Government of Ecuador, which allocates resources for this purpose.

With regard to twenty-six (26) suspect hazardous areas (SHA) in an area of 7,521.00 m2, the same ones that have the respective registers but not with their coordinates and reference points, in the year 2016 they were increased, with a budget cost of approximately US \$ 600,000. This amount is expected to be adjusted according to the development of the operations.

**• TO REFLECT THE START AND ANNUAL PROGRESS OF THE DELIVERY OF LANDS RELEASED TO THE COMMUNITIES.**

During the year 2017, is planned to execute the plan for the recognition of all those areas that have been released so that, starting in 2018, we will start with the delivery to the communities, as detailed in the following table:

<b>ORD</b>	<b>Province</b>	<b>Area (square meters)</b>	<b>Year of Delivery</b>
1	El Oro	103.472,25	

2	Loja	66.314,18	2018
3	Pastaza	31.070,00	2019
4	Morona Santiago	230.879,95	2020 - 2022
5	Zamora Chinchipe	58.762,00	

**Table N° 5** Program by provinces of the delivery of liberated areas with humanitarian demining in the Ecuador.

**• TO EVIDENCE THE ANNUAL PROGRESS OF THE CLEARING OF MINED AREAS AND CANCELLATION OF SUSPICIOUS AREAS IN EACH OBJECTIVE, WITH GEOGRAPHIC LOCATION, SIZE AND AMOUNT OF MINES OF THE AREAS RELEASED AND PENDING.**

Ecuador, following the commitments made in relation to humanitarian demining, has complied with the regulations and procedures established to carry out humanitarian demining operations. Ecuador carried out the different field technical studies for the identification of confirmed hazardous areas (CHA) and suspicious hazardous areas (SHA) throughout the national territory specifically on the Ecuador-Peru common land border, which is reflected by the advances on clearing of hazardous areas and the destruction of anti-personnel mines (AP), anti-tank mines (AT) and destruction of Explosive Remnants of War (ERWs), each year since the beginning of the demining operations to the present. It has been a process without mine accidents during humanitarian demining operations.

After the evaluation of the technical data of progress in clearing areas in mined and canceled areas, suspicious areas in each objective where humanitarian demining operations were carried out with their respective geographic location, the technical data reflected in **Table N° 6** were consolidated, where the annual progress of clearance of confirmed hazardous areas (CHA), cancellation of suspicious hazardous areas (SHA), with the geographic location, size, amount of AP and AT mines destroyed in the released areas.

Also, the technical analysis of confirmed hazardous areas (CHA) and number of suspect hazardous areas (SHA) with their respective location and pending AP mines was carried out. **Table No. 7** details the pending areas to be released with geographic location, number of confirmed hazardous areas (CHA) and suspicious hazardous areas (SHA), with square meters and pending mines to be destroyed.

Year	Geographic location		Number of areas where clearance was performed	Annual progress of cleared areas in m <sup>2</sup> (CHA)	Cancellation of areas in m <sup>2</sup> (SHA)	Area Released m <sup>2</sup>	Amount AP mines destroyed	Amount AT mines destroyed	Amount Explosive Remnants of War
	Province	Canton							
2000	El Oro	Arenillas	4	43.956,50		<b>43.956,50</b>	2.699	23	
2001	Loja El Oro Morona Santiago	Zapotillo Arenillas Tiwinza	4	11.021,00		<b>11.021,00</b>	1.469		
2002	El Oro Loja	Arenillas Macará	9	3.999,00		<b>3.999,00</b>	135	37	1
2003	El Oro Loja Morona Santiago	Arenillas Macará San Juan Bosco	26	24.971,19		<b>24.971,19</b>	60	1	1
2004	Loja El Oro Morona Santiago	Zapotillo Arenillas Tiwinza	13	12.990,00		<b>12.990,00</b>	35	3	
2005	Morona Santiago El Oro	Tiwinza Arenillas	7	7.122,20		<b>7.122,20</b>	32		3
2006	Morona Santiago Loja El Oro	Tiwinza Zapotillo Arenillas	21	12.219,00		<b>12.219,00</b>	68		2
2007	Morona Santiago El Oro	Tiwinza Arenillas	14	2.586,50		<b>2.586,50</b>	123	1	1
2008	Morona Santiago Loja El Oro	Tiwinza Zapotillo Arenillas	12	6.215,25		<b>6.215,25</b>	176	4	
2009	Morona Santiago El Oro	Tiwinza Arenillas	17	8.191,38		<b>8.191,38</b>	85	3	
2010	Morona Santiago Loja El Oro Zamora Chinchipe	Tiwinza Zapotillo Arenillas Chinchipe	34	33.438,72	9.500,00	<b>42.938,72</b>	5	2	
2011	Loja Morona Santiago Pastaza	Zapotillo Tiwinza Pastaza	42	60.110,30	6.166,54	<b>66.276,84</b>	29		
2012	Loja Morona Santiago El Oro	Zapotillo San Juan Bosco Arenillas	28	21.910,80	47.106,00	<b>69.016,80</b>	813		5
2013	Morona Santiago Zamora Chinchipe	San Juan Bosco Nangaritza	9	12.331,00	-	<b>12.331,00</b>	183		
2014	Morona Santiago Pastaza Zamora Chinchipe	San Juan Bosco Arajuno El Pangui	15	39.660,50	47.744,50	<b>87.405,00</b>	4.181		9

2015	Morona Santiago Pastaza Zamora Chinchipe	San Juan Bosco Arajuno El Pangui	21	66.414,00	16.177,00	<b>82.591,00</b>	773		
2016	Zamora Chinchipe Morona Santiago	Nangaritza San Juan Bosco	2	1.410,00	3.267,00	<b>4.677,00</b>	565		2
<b>General Total</b>				<b>368.547,34</b>	<b>129.961,04</b>	<b>498.508,38</b>	<b>11.431</b>	<b>74</b>	<b>24</b>

**Table N° 6** Annual progress on clearance of CHA mines cancellation of SHA suspect areas with geographic location, size, quantity of antipersonnel mines and anti-tank mines destroyed in the liberated areas.

COMMON LAND BORDER ECUADOR - PERU							
ORD.	PROVINCE	CANTON	OBJECT ID	ESTIMATED AREA M <sup>2</sup>	PENDING MINES	OBSERVATIONS	Confirmed CHA and / or suspected SHA areas where mines exist
1	ZAMORA CHINCHIP E	El Pangui	PV-LA_MEDIA	25.000,00	400	IN PROGRESS	(CHA) Areas where it is confirmed the presence of mines
2		Nangaritza	PV-02_07	6.215,00	240	PENDING	
3		San Francisco	PV-PERINGOS_01	7.009,00	1.280	PENDING	
4		Nangaritza	VARIOS-ZAMORA CHINCHIPE	19.261,00	512	IN PROGRESS	(SHA) Areas where there is the suspicion of the presence of mines
			7.521,00	734	26 OBJECTIVES WITHOUT COORDINATE/ PENDING		
Subtotal				65.006,00	3.166		
KM <sup>2</sup> OF TIWINTZA							
1	TIWINTZA	San Juan Bosco	VARIOS_MS_3 KM <sup>2</sup>	35.490,00	608	IN PROGRESS WITH THE BINATIONAL UNIT	(CHA) Areas where the presence of mines has been confirmed
Subtotal				35.490,00	608		
<b>GENERAL TOTAL</b>				<b>100.496,00</b>	<b>3.774</b>		

**Table N° 7** Detail of pending areas to be released with geographic location, number of confirmed hazardous areas CHA and suspect hazardous areas SHA, in square meters and pending mines to be destroyed.


