

 www.erm.com
 Version: C.1
 Project No.: 0207514-0021
 Client: Diavik Diamond Mines (2012) Inc.
 March 2020



	Dust Gauge Collection Field Sheet						
		No:	ENV	I-178-0	312		
Area:	8000.	Revision:	R0				
Effective Date:	26-Mar-2012	By:	Dian	ne Dul			
Task:	Dust Gauge Collection Field Shee	t		4			
		Page:	1	of	2		
GPS COORDINATES (UDESCRIPTION: CLIMATE CONDITIONS Air Temp: CPrecipitation: rain / mist Snow Cover: 0%, 10%, COLLECTION COMMEN	(if sampling outside) Wind Direction: SE 5 Wind Specific Show (N/A) Cloud Co	eed (knots):	Other	0%, 75%			

Total Volume of Water After Melting: 325 (mL)

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	122.3	166.6	45.3	
2	126.0	169.4	43.4	
3				
4				
5				
6				
7				
8		÷		
9				
10				
11		5		
Totals	248.3	336.0	87.7	



	Dust Gauge Collection	on Field Sheet				
		No:	ENVI-178	3-0312		
Area:	8000	Revision:	R0			
Effective Date:	26-Mar-2012	Ву:	Dianne D	ul		
Task:	Dust Gauge Collection Field	Sheet				
		Page:	of	2		
GENERAL LOCATION NAME: DUST QA DATE (dd-mmm-yyyy): O7 - O4 - 2019 TIME (24:00): 1205 SAMPLED BY: LC 552 TYPE OF SAMPLE: Dust Other GPS COORDINATES (UTM): S35(378 E 7151/334 N (Zone) 12 DESCRIPTION: O Wind Direction: SE Wind Speed (knots): 12 Precipitation: rain / mist/snow/ N/A Cloud Cover: 0%, 10%, 25%, 50%, 75%, 100						
Snow Cover: 0%, 10%,	25%, 50%, 75%, 100%	ust in area: Visible, Not	Visible			
COLLECTION COMMEN	ITS: (i.e. damage to station, bugs - twi	gs in sample, hole in ve	stibule, etc.)			
Date Sample Collected was	s Deployed <u>2619-01-03</u>		-			

Total Volume of Water After Melting: _____ つ<u>ろし</u> (mL)

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	125.4	212.8	87.4	
2	125.6	196.7	71.1	
3				
4				
5				
6	×			
7				
8				
9				
10				
11		a	0	r
Totals	251.6	409.5	158.5	



	Dust Gauge Colle	ction Field Sheet				
Area:	8000	No: Revision:	ENVI-1		2	
Effective Date: Task:	26-Mar-2012 Dust Gauge Collection F	By:	Dianne	Dui		
Tuok:	Dust Gauge Collection 1	Page:	1 (of	2	
GENERAL LOCATION NAME: Dast Date (dd-mmm-yyyy): 03-04-2019 TIME (24:00): 14.53 SAMPLED BY: 552 TYPE OF SAMPLE: Dust Other GPS COORDINATES (UTM): 535029 E 7151872 N (Zone) 12 DESCRIPTION: Q						
CLIMATE CONDITIONS (if sampling outside) Air Temp:23_ °C Wind Direction: Wind Speed (knots): Precipitation: rain / mist / snow / N/A Cloud Cover: 0%, 10%, 25%, 50%, 75%, 100% Snow Cover: 0%, 10%, 25%, 50%, 75%, 100% Dust in area: Visible, Not Visible						
	TS: (i.e. damage to station, bugs	- twigs in sample, hole in ve	estibule, etc	c.)		
Date Sample Collected was	s Deployed 23-12-2018 Whe clust					

Total Volume of Water After Melting: 400 (mL)

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1 -	126.1+27835.1	28070.7	109.5	
2	125.2+ 37394.8		126.0	
3	121.6 + 38488.6		129.8	
4	7			
5				п
6				
7				
8				
9		\$ 1		
10				
11	101			
Totals	104091.4	104 456.7	365.3	



	Dust Gauge Co	<u>llection Fiel</u>	d Sheet			
			No:	ENV	1-178-0)312
Area:	8000		Revision:	R0		
Effective Date:	26-Mar-2012		By:	Dian	ne Dul	
Task:	Dust Gauge Collection	Field Sheet	7			
			Page:	_1_	of	2
GENERAL LOCATION NAME: 1057 4 DATE (dd-mmm-yyyy): 06-04-2019 TIME (24:00): 1054 SAMPLED BY: MN 552 LC TYPE OF SAMPLE: Dust Other GPS COORDINATES (UTM): 531397 E 7152127 N (Zone) 12 DESCRIPTION: 01						
Precipitation: rain / mist	Wind Direction:	Cloud Cov	ed (knots): ver: 0%, 10%, ea: Visible, No	-		%, 100
COLLECTION COMMEN	TS: (i.e. damage to station, bu	gs - twigs in sa	mple, hole in v	estibule,	etc.)	
Date Sample Collected was	Deployed 2018-12-28	- U E				
-hair in sample						
ii ii						

Total Volume of Water After Melting : ____(mL)

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	125.7	155.2	29.5	
2	124.7	144.4	19.7	
3				
4				
5				
6			9	
7				
8		(1)		
9				
10				
11				
Totals	250.4	299.6	49.2	



	Dust Gauge Colle	ection Field She	eet			
		No:		ENV	'I-178-0	312
Area:	8000	Revi	sion:	R0		
Effective Date:	26-Mar-2012	By:		Dian	ne Dul	
Task:	Dust Gauge Collection F			×		
		Page) :	1	of	2
GENERAL						
LOCATION NAME:	DATE (dd-mmi	m-yyyy): 06-04	-20197	ΓΙΜΕ (24	4:00) :_/4	10
	52 LC TYPE OF SAM					
	гм): <u>535<i>6</i>96</u> <u>е</u> 7		N (Zone)	12		
DESCRIPTION:				- 1		
Program Hom.						
CLIMATE CONDITIONS	(if sampling outside)					
	Wind Direction:	Wind Speed (kno	ts): 6	>		
Precipitation: rain / mist		Cloud Cover: 0%			0%, 75%	, 100
Snow Cover: 0%, 10%,	25%, 50%, 75%, 100%	Dust in area: Vi				
COLLECTION COMMEN	TS: (i.e. damage to station, bugs	- twigs in sample, h	ole in ve	stibule,	, etc.)	
Date Sample Collected was	Deployed 2019-01-02					
		\$				

Total Volume of Water After Melting: 350 (mL)

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	122.1	135.4	13.3	
2	123.8	140.5	16.7	
3				
4		Λ.		*
5				
6				
7				
8				
9				
10				
11				
Totals	245.9	275.9	30.0	

	1
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0	
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0	

Dust Gauge Colle	ection Field Sheet			
8000 26-Mar-2012	No: Revision: By:	ENVI-178-0312 R0 Dianne Dul		
Dust Gauge Collection F	Page:	_1_ of	2	
<u>vst 6</u> DATE (dd-mm TYPE OF SAN M): <u>537502</u> E	m-yyyy): <u>07-154-2019</u> IPLE: <u>Dust</u> 7152934N (Zone	TIME (24:00): <u>/ 3</u> Other) <u> </u>	\$57	
wind Direction: Now / N/A 25%, 50%, 75%, 100%	Cloud Cover: 0%, 10%,	25%, 50%, 759	<u>%,</u> 100	
Deployed 18 - 12 - 2018		vestibule, etc.)		
	8000 26-Mar-2012 Dust Gauge Collection F DATE (dd-mm TYPE OF SAN M): 537502 E if sampling outside) Wind Direction: N/A 25%, 50%, 75%, 100% TS: (i.e. damage to station, bugs Deployed 28 - 12 - 20)8	Revision: 26-Mar-2012 Dust Gauge Collection Field Sheet Page: DATE (dd-mmm-yyyy): 07-2014 TYPE OF SAMPLE: Dust TYPE OF SAMPLE: Dust M): 537502 E 7152934 N (Zone Since Sampling outside) Wind Direction: Wind Speed (knots): Cloud Cover: 0%, 10%, 25%, 50%, 75%, 100% TS: (i.e. damage to station, bugs - twigs in sample, hole in variance)	No: Revision: R0 Dianne Dul	

Total Volume of Water After Melting: 250 (mL)

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	39421.0	3943.9.2	18.2	
2	38954.8	38974.7	19.9	
3	27114.7	27140.6	25.9	
4			,	
5				
6				
7		0		
8				
9				
10				
11				
Totals	105490.5	105 555	64.0	

	Dust Gauge Co	llection Fiel	d Sheet			
			No:	ENV	I-178-03	312
Area:	8000		Revision:	R0		
Effective Date:	26-Mar-2012		Ву:	Dian	ne Dul	
Task:	Dust Gauge Collection	Field Sheet				
4			Page:	_1_	of _	2
GENERAL						
LOCATION NAME:	05T 7 DATE (dd-m	mm-vvvv): 05	5-04-2019	TIME (24	1:00): <u>14</u>	39
SAMPLED BY: MU 5	52 LC TYPE OF SA	AMPLE: Dust		Other		
CDS COODDINATES (US	тм): <u>536819 </u>	7150510	N (Zone	12		
	11W):	1150000				
DESCRIPTION: Q						
CLIMATE CONDITIONS	(if sampling outside)					
	Wind Direction: <u>NE</u>	Wind Snee	ed (knots):	7		
Precipitation: rain / mist		Cloud Cov	ver: 0%, 10%,		0%, 75%	, 100
	25%, 50%, 75%, 100%		ea: Visible, No			
3110W COVEL. 070, 1070,	2570, 5070, 7070, 10070	- 1				
COLLECTION COMMEN	ITS: (i.e. damage to station, bu	ıgs - twigs in sa	mple, hole in v	estibule	etc.)	
	s Deployed 2019-01-03					
-vegetation in sample	in the second se					
Total Volume of Water	After Melting: 600	_(mL)				

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	122.3+38944.7	39127.8	60.8	
2	125,4+33060.7	33263.6	77.5	
3			====	
4				
5			14	
6				
7				
8				
9				
10				
11				
Totals	72253.1	72391.4	138.3	



	Dust Gauge Collec	tion Field Sheet	
		No:	ENVI-178-0312
Area:	8000	Revision:	R0
Effective Date:	26-Mar-2012	By:	Dianne Dul
Task:	Dust Gauge Collection Fie	ld Sheet	
		Page:	1 of2
		*	
GENERAL			
LOCATION NAME:	05T 8 DATE (dd-mmm	yyyy): <u>06-Apr-201</u> 97	ГІМЕ (24:00): <u> 1317</u>
	SQ LC TYPE OF SAMPI		Other
GPS COORDINATES (U	тм): <u>531401</u> E 7	154146 N (Zone)	12
DESCRIPTION: Q\			
-			
CLIMATE CONDITIONS	(if sampling outside)		
Air Temp: <u>-22</u> °C	Wind Direction:E	Wind Speed (knots):	<u>) </u>
Precipitation: rain / mist	/ snow / N/A	Cloud Cover: 0%, 10%)	25%, 50%, 75%, 100
Snow Cover: 0%, 10%,	25%, 50%, 75%, 100%	Dust in area: Visible, Not	Visible
			-tibula ata \
	TS: (i.e. damage to station, bugs -	twigs in sample, note in ve	estibule, etc.)
Date Sample Collected was	s Deployed 2019 - 01 - 02		

Total Volume of Water After Melting: 460 (mL)

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	122.9	137.2	14.3	
2	122.6	130.4	7.8	
3				
4				
5				* I
6	=			
7				4
8				
9				
10				
11				
Totals	245.5	267.6	22.1	

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1	7.
	3
7	7
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Dust Gauge Collection	Field Sheet					
	No:	ENVI	-178-03	312		
Area: 8000	Revision:	R0				
Effective Date: 26-Mar-2012	Ву:	Dianr	ne Dul			
Task: Dust Gauge Collection Field S	heet			W.		
	Page:	1_	of _	2		
GENERAL LOCATION NAME: DUST 9 DATE (dd-mmm-yyyy SAMPLED BY: MN 552 LC TYPE OF SAMPLE: GPS COORDINATES (UTM): 541204 E 71521 DESCRIPTION: 0		Other				
CLIMATE CONDITIONS (if sampling outside) Air Temp:°C Wind Direction: Wind Speed (knots): Precipitation: rain / mist / snow / (N/A) Cloud Cover: (0%) 10%, 25%, 50%, 75%, 100 Snow Cover: 0%, 10%, 25%, 50%, 75%, 100% Dust in area: Visible, Not Visible						
COLLECTION COMMENTS: (i.e. damage to station, bugs - twigs	s in sample, hole in ve	estibule,	etc.)			
Date Sample Collected was Deployed 2019-01-04						
-> Clear -> new cylinder deployed was not sitting right in the	bell shield					

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	123.3 + 38424, 83	38566.4	18.3	Only needed I filter
2	123.1 + 26361-9		,	
3	122.8 + 35479.8			
4				
5				
6				
7				2
8				
9				
10				
11				
Totals	38548.1	38566.4	18.3	



	Dust Gauge Collection	Field Sheet	
		No:	ENVI-178-0312
Area:	8000	Revision:	R0
Effective Date:	26-Mar-2012	By:	Dianne Dul
Task:	Dust Gauge Collection Field S		1 of 2
		Page:	
GENERAL LOCATION NAME:	UST O DATE (dd-mmm-yyyy): 05-Apr -2019	TIME (24:00): 1450
	52 LC TYPE OF SAMPLE:		Other
GPS COORDINATES (U	тм): <u>532908 </u>	24 N (Zone)	12
DESCRIPTION:			
CLIMATE CONDITIONS	(if sampling outside)		
Air Temp:°C	Wind Direction: W Wind	d Speed (knots):3	0_
Precipitation: rain / mist	/ snow / N/A Clou		25%, 50%, 75%, 100
Snow Cover: 0%, 10%,	25%, 50%, 75%, 100% Dus	t in area: Visible, No	t Visible
COLLECTION COMMEN	ITS: (i.e. damage to station, bugs - twigs	in sample, hole in ve	estibule, etc.)
Date Sample Collected was	s Deployed		
	27-		

Total Volume of Water After Melting: 375 (mL)

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	124.3	171.5	47.2	
2	122,2	206.8	84.6	
3	122.1	173.2	51.1	
4				
5				
6				
7				
8		(2)		
9			ν	
10				
11				
Totals	368.6	551.5	182.9	

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	Dust	Gauge Colle	ction Fiel	d Sheet			
				No:	ENVI-1	78-031	2
Area:	8000			Revision:	R0		2. 2. 36.00
Effective Date:	26-Mar-2012	2		By:	Dianne	Dul	
Task:	Dust Gauge	Collection Fie	eld Sheet	AST			
				Page:	1	of	2
GENERAL							
LOCATION NAME:	16T W.II	12 Table 1870	. 05	A . ONG .		. 1030	1
SAMPLED BY: MN 55		DATE (dd-mmm		- Apr - 2019	Other)): <u>[[] </u>	
M	and the same of th						
GPS COORDINATES (UT	гм): <u>331993</u>	E//;	50156	N (Zone)	12		
DESCRIPTION:							
CLIMATE CONDITIONS							
CLIMATE CONDITIONS				23	3	\	
Air Temp: <u>-23</u> °C	/	ion: <i>U</i>		d (knots): $3\overline{3}$			
Precipitation: rain / mist				er: 0%, 10%,		, 75%,	100
Snow Cover: 0%, 10%,	25%, 50%, 759	%, (100%)	Dust in are	ea: Visible, Not	Visible)		
COLLECTION COMMEN	TS: (i e damade	to station huge -	twine in ear	nnle hole in ve	setihula eta	· 1	
Date Sample Collected was			twigo iii oai	iipie, noie iii ve	Juliano, etc	··)	
= billed in stand							
Circa in Siana							

Total Volume of Water After Melting: 475 (mL)

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	124.8 + 31222.7	10.31402.6	55.1	
2	123.1 + 28985.3	29160.1	51.7	18
3	123.3+ 39719.2	39903.9	61.4	
4	125.8+ 30864.7	31047.6	57.1	я
5	122.5+ 40100.3	4022\$.8	0.0	Actual weight 40223.6
6				
7				
8				
9	=			
10				
11				
Totals	17/5/3.7	171737.8	225.3	

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	Dust Gauge Colle	ction Field Sheet		
	Dust Gauge Golle		END // 470 0	0.40
Area:	9000	No:	ENVI-178-0	312
Effective Date:	8000	Revision:	R0	
Task:	26-Mar-2012	By:	Dianne Dul	
Task.	Dust Gauge Collection Fi	UPDAY	4	
9		Page:		2
GENERAL				
	+ 12	2 10 11 1	E	. 17
SAMPLED DY CALL	St 12 DATE (dd-mmn	n-yyyy): <u>2019-07-06</u>		
	MNLCSS2 TYPE OF SAME		Other	
	гм): <u>529323 </u>	15 9 N (Zone)	12	
DESCRIPTION:		2		18
OLINATE CONTRACTOR				
CLIMATE CONDITIONS (
Air Temp: <u> </u>	Wind Direction:E			
Precipitation: rain / mist /		Cloud Cover: 0%, 10%) 2	25%, 50%, 75%	, 100
Snow Cover: 0%, 10%,	25%, 50%, 75%, 100%	Dust in area: Visible Not	Visible	
COLLECTION COMMEN	TS: (i.e. damage to station, bugs	· twigs in sample, hole in ve	stibule, etc.)	
Date Sample Collected was	Deployed 2019-01-03			
Tatal Value of William				

Total Volume of Water After Melting: 525 (mL)

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	125.4	142.6	17.2	
2	124.5	139.9	15.4	
3			70.1	- 100 ONLARO
4				
5				
6	-			2
7				
8				
9				
10				
11				
Totals	249.9	282.5	32.6	

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	Dust Gauge Collection	on Field Sheet		
	The second secon	No:	ENVI-178-	0312
Area:	8000	Revision:	R0	
Effective Date:	26-Mar-2012	By:	Dianne Du	ıl
Task:	Dust Gauge Collection Field			
		Page:	1 of	2
<u>GENERAL</u>				
LOCATION NAME:	DATE (dd-mmm-vv	vv): 05-Apr-2019	TIME (24:00):	149
SAMPLED BY: MN 4	DATE (dd-mmm-yy S2 LC TYPE OF SAMPLE:	Dust	Other	
GPS COORDINATES (II	TM): 534979 E 714	1270 N (Zone)	12	
	1111/1, <u>001111</u> E <u>111</u>	(20110)		
DESCRIPTION: Q				
CLIMATE CONDITIONS	(if sampling outside)			
Air Temp: 18 °C		ind Speed (knots):	2_	
Precipitation: rain / mist	/ _	oud Cover: 0% 10%,		5%, 100
3.5		ust in area: Visible, No		
COLLECTION COMMEN	ITS: (i.e. damage to station, bugs - tw	gs in sample, hole in v	estibule, etc.)	
	s Deployed_ 2019 · 01 - 09			
- leaking yellow liquid	. discarded as we figure it might be	from duct taxe		
- small amount (ap	prox. ImL) lost from clamp not.	peing on right		
- hair in sample		<i>v</i> 0		

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	123.1+26361.9	26505.8	20.8	
2	122.8+35479.8	35644.0	41.4	
3				
4				
5				
6				
7				
8				
9				
10				1
11				
Totals	62087.6	62,149.8	62.2	



	Dust Gauge Collec	tion Field Sheet		
	<u> </u>	No:	FNVI-1	78-0312
Area:	8000	Revision:	R0	10 0012
Effective Date:	26-Mar-2012	By:	Dianne	Dul
Task:	Dust Gauge Collection Fiel		Diamie	<u> </u>
i dok!	Dust Gauge Collection 1 lo	Page:	1 0	of 2
				+
SENERAL				
OCATION NAME /	DATE (dd-mmm-	2219-04-06	TIME (24:00	10:30
SAMPLED BY: MA/	SS2 LC TYPE OF SAMPL	5. Duct	Other). <u>10</u> ,
	ртм): <u>528714 </u>	5 3 2 16 N (Zone)	100	
DESCRIPTION:Q				
CLIMATE CONDITIONS		2		
	Wind Direction:			
Precipitation: rain / mis		Cloud Cover: 0%, 10%,		75%, 100
Snow Cover: 0%, 10%,	25%, 50%, 75%, 100%	Dust in area: Visible, Not	Visible	
COLLECTION COMME	NTO (i.e. dance of a station, because of	i.e. in comple hole in ve	etibule etc	1
	NTS: (i.e. damage to station, bugs - to station)	wigs in sample, note in ve	stibule, etc	.)
Date Sample Collected wa	is Deployed 2011-01			

Total Volume of Water After Melting: _____(mL)

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	125.4	141.6	16.2	
2	122.4	132.5	10.1	
3				
4				
5				
6				
7				
8				
9				
10				
11				
Totals	247.8	274.1	26.3	



	<u>Dust Gauge Coll</u>	ection Field Sheet
Area: Effective Date: Task:	8000 26-Mar-2012 Dust Gauge Collection F	No: ENVI-178-0312 Revision: R0 By: Dianne Dul ield Sheet
	1 6961	Page:1 of2
SAMPLED BY: JW.S	TYPE OF SAM UTM): 533964 E 7	m-yyyy): 2014-06-26 TIME (24:00): 15:30 PLE: Dust Other 5 4321 N (Zone) 12N
Precipitation: rain / mis	Wind Direction:	Wind Speed (knots): 7 Cloud Cover: 0%, 10%, 25%, 50%, 75%, 100 Dust in area: Visible Not Visible
COLLECTION COMME	NTS: (i.e. damage to station, bugs	- twigs in sample, hole in vestibule, etc.)
⊅ate Sample Collected wa	as Deployed 2014-04-08 PIF	T'S D

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	122,3	149,3		
2	124.8	157.8		
3	125,9	140.5		
4				
5				
6				
7				
8				
9				
10				
11				
Totals	373	447.6	74.6	

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Effective Date: Task: Dust Gauge Collection Field Shee GENERAL LOCATION NAME: SAMPLED BY: GPS COORDINATES (UTM): GPS COORDINATES (UTM): GPS CONDITIONS (if sampling outside)	Page:	ENVI-17 R0 Dianne I 1 or TIME (24:00) Other	Dul f 2
Effective Date: 26-Mar-2012 Task: Dust Gauge Collection Field Shee GENERAL LOCATION NAME: 00424 DATE (dd-mmm-yyyy): 2 SAMPLED BY: 535676 E 715) 336 DESCRIPTION: Q2 CLIMATE CONDITIONS (if sampling outside)	By: t Page:	Dianne I	f <u>2</u>
Dust Gauge Collection Field Shee GENERAL LOCATION NAME: DUST JA DATE (dd-mmm-yyyy): 2 SAMPLED BY: JK MW TYPE OF SAMPLE: Dust GPS COORDINATES (UTM): 5356746 E 7151330 DESCRIPTION: Q2 CLIMATE CONDITIONS (if sampling outside)	Page:	1 o	f <u>2</u>
GENERAL LOCATION NAME: OUST DATE (dd-mmm-yyyy): 2 SAMPLED BY: TYPE OF SAMPLE: Dust GPS COORDINATES (UTM): 535676 E 715) 330 DESCRIPTION: Q2 CLIMATE CONDITIONS (if sampling outside)	Page:		
GENERAL LOCATION NAME: OUST DATE (dd-mmm-yyyy): 2 SAMPLED BY: TYPE OF SAMPLE: Dust GPS COORDINATES (UTM): 535676 E 715) 330 DESCRIPTION: Q2 CLIMATE CONDITIONS (if sampling outside)	Page:		
DATE (dd-mmm-yyyy): 2 SAMPLED BY: JK MW TYPE OF SAMPLE: Dust GPS COORDINATES (UTM): 535676 E 7(5) 330 DESCRIPTION: Q2 CLIMATE CONDITIONS (if sampling outside)	019 - 05 - 25 N (Zone	TIME (24:00) Other) <u></u> 」人 N	: 12:40
DATE (dd-mmm-yyyy): 2 SAMPLED BY: JK MN TYPE OF SAMPLE: Dust GPS COORDINATES (UTM): 5356746 E 7(5) 330 DESCRIPTION: Q2 CLIMATE CONDITIONS (if sampling outside)) N (Zone	TIME (24:00) Other	: 12:40
DATE (dd-mmm-yyyy): 2 SAMPLED BY: JK MW TYPE OF SAMPLE: Dust GPS COORDINATES (UTM): 535676 E 7(5) 330 DESCRIPTION: Q2 CLIMATE CONDITIONS (if sampling outside)	019 - 05 - 25 N (Zone	TIME (24:00) Other) <u>リ</u> え N	: 12:40
CLIMATE CONDITIONS (if sampling outside)	N (Zone	Other	,
CLIMATE CONDITIONS (if sampling outside)	N (Zone) 17 <u>N</u>	
CLIMATE CONDITIONS (if sampling outside)			
CLIMATE CONDITIONS (if sampling outside)			
Air Temp: 19 °C Wind Direction: Wind Sp			
	over: 0%, 10%,	~	75%, 100
Snow Cover: 0% 10%, 25%, 50%, 75%, 100% Dust in	area: Visible, No	of Visible	
COLLECTION COMMENTS: (i.e. damage to station, bugs - twigs in s		restibule, etc.)
Date Sample Collected was Deployed 3614-04-07 @ 12-0	5		

Total Volume of	Water	After	Melting	: 7	5	(mL)
i otal i olalilo ol						_//

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	126.8	160.4		
2	124.9	176.8		
3	125.6	129.5		
4	(4)			
5	327			
6				
7				
8				
9				
10				2
11				
Totals	377.3	466.7	89.4	

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	Dust Gauge Collection	Field Sheet	
Area: Effective Date:	8000 26-Mar-2012	No: Revision: By:	ENVI-178-0312 R0 Dianne Dul
Task:	Dust Gauge Collection Field Sh	neet Page:	1 of 2
		rage.	1 01
GENERAL LOCATION NAME: 005 SAMPLED BY: 552	DATE (dd-mmm-yyyy) TYPE OF SAMPLE: D		TIME (24:00): /6:30
GPS COORDINATES (UT	TM): 535024 E 715187	<u>2</u> N (Zone)	1Jh
DESCRIPTION: Q2			
Precipitation: rain / mist snow Cover: 0%, 10%, COLLECTION COMMEN	Wind Direction: 150° Wind Cloud / snow / N/A Cloud 25%, 50%, 75%, 100% Dust TS: (i.e. damage to station, bugs - twigs	d Cover: 0%, 10%, in area: Visible, No in sample, hole in ve	25%, 50%, 75%, 100 t Visible
Date Sample Collected was	Deployed 2014 - 04 - 03 @ 14:3	53	
Total Volume of Water	After Melting :(mL)		

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	121.8	174.8		
2	125.3	463,2		
3	123.8	147,0		
4	4			
5				
6	=			3
7				
8				0
9				IN .
10				
11		=======================================		
Totals	370,9	785.0	414.1	

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	Dust Gauge Collection F	ield Sheet	
		No:	ENVI-178-0312
Area:	8000	Revision:	R0
Effective Date:	26-Mar-2012	By:	Dianne Dul
Task:	Dust Gauge Collection Field She	eet	
	uged)	Page:	of2
GENERAL LOCATION NAME: OU SAMPLED BY: SS2 GPS COORDINATES (U' DESCRIPTION: Q2	Shou DATE (dd-mmm-yyyy): 3k TYPE OF SAMPLE: Du TM): 531397 E 7152127	26-06-2019 stN (Zone	TIME (24:00): <u>08:33</u> Other
CLIMATE CONDITIONS Air Temp: 12 °C Precipitation: rain / mist Snow Cover 0% 10%,	(if sampling outside) Wind Direction: 180° Wind Solution Cloud	n area: Visible, No	25%, 50%, 75%, 100 of Visible
	s Deployed <u>2014 - 04 - 06</u>		estibule, etc./
N			
Total Volume of Water	After Melting: 225 (mL)		

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	122.2	293.5		
2	121.6	193.3		1
3	121,6	193.3		
4				
5				
6				
7				
8	ω.			7
9				
10				
11				
Totals	365.4	716.8	351.4	

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1	1	J
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C		
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1		_
-		7
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4		
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Dust Gauge Collection Field Sheet Ro Revision: RO By: Dianne Dul			70.505 NIII/21 O-50111
Area: 8000 Revision: R0 Effective Date: 26-Mar-2012 By: Dianne Dul Task: Dust Gauge Collection Field Sheet Page: 1 of 2 GENERAL LOCATION NAME: 0505 DATE (dd-mmm-yyyy): 3010-06-35 TIME (24:00): 13:35 SAMPLED BY: 51.36 N (Zone) N (Zone) DESCRIPTION: Q2 CLIMATE CONDITIONS (if sampling outside) Air Temp: 6 C Wind Direction: 180 Nind Speed (knots): 5 Precipitation: rain / mist / snow / NA Snow Cover 0% 10%, 25%, 50%, 75%, 100% Dust in area: Visible Not Visible COLLECTION COMMENTS: (i.e. damage to station, bugs - twigs in sample, hole in vestibule, etc.) Date Sample Collected was Deployed 2017 11 26 814:34		Dust Gauge Collecti	on Field Sheet
Page: 1 of 2 GENERAL LOCATION NAME: 0-5+05 DATE (dd-mmm-yyyy): 20-19-06-35 TIME (24:00): 13:35 SAMPLED BY: 51, 100 TYPE OF SAMPLE: Dust Other GPS COORDINATES (UTM): 535646 E 7155138 N (Zone) DESCRIPTION: 22 CLIMATE CONDITIONS (if sampling outside) Air Temp: 8 °C Wind Direction: 180° Wind Speed (knots): 5 Precipitation: rain / mist / snow / N/A Snow Cover: 0% 10%, 25%, 50%, 75%, 100% Dust in area: Visible Not Visible COLLECTION COMMENTS: (i.e. damage to station, bugs - twigs in sample, hole in vestibule, etc.) Date Sample Collected was Deployed 2019 04 04 04 04 04 39	Effective Date:	26-Mar-2012	Revision: R0 By: Dianne Dul
DATE (dd-mmm-yyyy): 2019-06-35 TIME (24:00): 13:35 SAMPLED BY: 56, 100 TYPE OF SAMPLE: Dust Other GPS COORDINATES (UTM): 535646 E 7(55138 N (Zone) DESCRIPTION: 62 CLIMATE CONDITIONS (if sampling outside) Air Temp: 6 °C Wind Direction: 180 Wind Speed (knots): 5 Precipitation: rain / mist / snow / N/A Cloud Cover: 0% 10%, 25%, 50%, 75%, 100 Snow Cover: 0% 10%, 25%, 50%, 75%, 100% Dust in area: Visible Not Visible COLLECTION COMMENTS: (i.e. damage to station, bugs - twigs in sample, hole in vestibule, etc.) Date Sample Collected was Deployed 2019-04-06 814:39			
CLIMATE CONDITIONS (if sampling outside) Air Temp: 8 °C Wind Direction: 180 ° Wind Speed (knots): 5 Precipitation: rain / mist / snow / NA Cloud Cover: 0% 10%, 25%, 50%, 75%, 100 Snow Cover: 0% 10%, 25%, 50%, 75%, 100% Dust in area: Visible Not Visible COLLECTION COMMENTS: (i.e. damage to station, bugs - twigs in sample, hole in vestibule, etc.) Date Sample Collected was Deployed 2019 04 04 06 614:39	GENERAL LOCATION NAME: 0 C SAMPLED BY: 5 K, N GPS COORDINATES (U	DATE (dd-mmm-yy TYPE OF SAMPLE TM): 535696 E 7(5)	TIME (24:00): 13:35 Count Other N (Zone)
Air Temp: 8 °C Wind Direction: 180 ° Wind Speed (knots): 5 Cloud Cover: 0% 10%, 25%, 50%, 75%, 100 Dust in area: Visible Not Visible COLLECTION COMMENTS: (i.e. damage to station, bugs - twigs in sample, hole in vestibule, etc.) Date Sample Collected was Deployed 201 ° 04 ° 04 ° 06 814:39			
Date Sample Collected was Deployed 2019 - 04 - 06 014:39	Air Temp: 18 °C Precipitation: rain / mist	Wind Direction: 180° W	loud Cover: 0% 10%, 25%, 50%, 75%, 100
Date Sample Collected was Deployed 2019-04-06 @14:39 Blueberry bind poo on Shaild (See picture)	COLLECTION COMMEN	ITS: (i.e. damage to station, bugs - tw	igs in sample, hole in vestibule, etc.)
· · · · · · · · · · · · · · · · · · ·	Date Sample Collected was	poo on Sheild (Sue picti	q n)
Total Volume of Water After Melting :(mL)	Total Volume of Water	After Melting: (ml)	

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	122.4	129.9		
2	117.4	131.5		
3	116.5	117.1		
4				*.
5				
6			11	
7				
8				
9				,
10				
11				
Totals	356.3	378.5	22.2	

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M-4.		Dust Gauge Collect	tion Field Shee	<u>t</u>
			No:	ENVI-178-0312
Area:	8000	Teled See L.	Revisi	on: R0
Effectiv		ar-2012	By:	Dianne Dul
Task:	Dust	Gauge Collection Fie	ld Sheet	Es Sa
	- 1		Page:	_1_ of2
GENERAL	14 14			
LOCATIO	N NAME: DUSTO 6	DATE (dd-mmm	-vvvv): 2019-06-	26 TIME (24:00): 16:08
SAMPLED	N NAME: 1005706 BY: 552	TYPE OF SAMP	LE: Dust	TIME (24:00): 16:08 Other
GPS COO	RDINATES (UTM): 5	37502 E 719	37934 N	Zone) N
DESCRIB	TION: Q2			,
<i>D</i>			9	
CLIMATE	CONDITIONS (if samp	ling outside)		
	i6 °c wi	nd Direction: 150°	Wind Speed (knots)	. 11
	ion: rain / mist / snow /	NIA	Comment William of All Williams Volume and Institute Property of	0%, 25%, 50%, 75%, 100
		50%, 75%, 100%	Dust in area: Visib	
Onow Gov	ver. 079, 1070, 2070,	0070, 7070, 10070	Dust in area. Visib	IE TVOT VISIBLE
COLLECT	ION COMMENTS: (i.e	. damage to station, bugs -	twigs in sample, hole	e in vestibule, etc.)
		ed 2019-04-03 @		may agreemed on agreement of a strate-least decreased entered
			(5.50	
Total Volu	ıme of Water After I	Melting :(mL		
Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	125.1	181,5		_
2	125.4	175.7		
3	122.1	130.9		
4				
5				
6				
7				φ.
8		14		
9				
10				
11		¥1		
Totals	372.6	488.1	115.5	

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	Dust Gauge (Collection Fiel	d Sheet			
Area: Effective Date: Task:	8000 26-Mar-2012 Dust Gauge Collection	n Field Sheet	No: Revision: By:	R0	l-178-03 ne Dul	312
			Page:	1_	of _	2
GENERAL LOCATION NAME: SAMPLED BY: GPS COORDINATES (UT DESCRIPTION: Q2	DATE (dd N) TYPE OF M): 536819 E	-mmm-yyyy): 201 SAMPLE: Dust 7150510	<u>N (Zone)</u>			:55
Precipitation: rain / mist / Snow Cover: 0% 10%, 2	Wind Direction:	Cloud Cove Dust in area	d (knots): O er: 0%, 0%, 2 a: Visible, Not	Visible). 	100
Date Sample Collected was I	Deployed 2014 - 04 - 05	@ 16:40	ipie, noie in ves	subule, e	etc.)	
		C 10,70				
Total Volume of Water A	fter Melting:	_(mL)	9			

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	122.2	140.5		
2	124.5	140.5 174.0		
3				
4				
5	4.7			
6				
7				
8				
9				
10				
11				
Totals	246,7	314.5	67.8	

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	Dust	Gauge Colle	ction Fiel	d Choot			
	Dust	Cauge Colle	CHOII FIEI				
A ***	0000		n o	No:	ENV	I-178-03	312
Area:	8000			Revision:	R0		
Effective Date:	26-Mar-2012			By:	Dian	ne Dul	
Task:	Dust Gauge	Collection Fig	eld Sheet				
122				Page:	1_	of _	2
GENERAL LOCATION NAME: PV9 SAMPLED BY: M GPS COORDINATES (UT DESCRIPTION: 42		DATE (dd-mmm TYPE OF SAMP E . ネバ	LE; Dust)	Other	:00): <u> </u>	:00
CLIMATE CONDITIONS (Air Temp: 17 °C Precipitation: rain / mist / Snow Cover: 0%, 10%,	Wind Direction snow N/A 25%, 50%, 75%	on: [60° 5, 100%	Cloud Cove Dust in are	d (knots): 3 er: 0% 10%, 2 a: Visible, Not	Visible	}	100
COLLECTION COMMENT	15: (i.e. damage i	o station, bugs -	twigs in san	nple, hole in ves	stibule, e	etc.)	
Date Sample Collected was	Deployed <u> 교이</u> 의	09-100	13:11				•
Total Volume of Water A	After Melting:	100 (mL)					

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	126.3	167,9		
2	121.8	148.2		
3	125.0	125.2		
4		- 1		
5		pl.		
6				
7				
8				
9			F1	
10				
11	U			
Totals	373.1	441.3	68.2	

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		Dust Gauge Coll	ection Fie	ld Sheet		
Area: Effect Task:	tive Date: $\frac{3}{2}$	000 6-Mar-2012 ust Gauge Collection F	ield Sheet		ENVI-178 R0 Dianne D	oul
				Page:	of	2
GENER LOCATI SAMPLI GPS CO DESCRI	ION NAME: DUST ED BY: JK, MN DORDINATES (UTM)	09 DATE (dd-mm TYPE OF SAM : 541204 E	m-yyyy): 201 PLE: Dust 7152154	<u>a - o6 - 35</u>) N (Zone)	TIME (24:00):_ Other _ ルン	13115
Air Tem Precipits Snow Co COLLEC Date Sam	ation: rain / mist / snoover: 0%, 10%, 25%	Wind Direction:	Cloud Cover Dust in are	d (knots): 0 er: 0%, 0% 2 ea: Visible, Not nple, hole in ve	Visible	5%, 100
Total Vo	lume of Water Afte	r Melting:(mL	.)			
Filter #	Weight of Filte	er Filter + Residue	Resid: Weigh		Comme	nts
1	124.8	126.9				
2	125.7	132.5				
3	100 5	W 188- CASC 189 10-0				

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	124.8	126.9		r.
2	125.7	132.5		
3	122.5	134,3		
4	123.4	124.6		
5				
6				
7				
8				
9				
10				
11				
otals	496.4	518.3	21,9	

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	Dust Gauge Colle	ction Field Sheet	
Area:	8000	No:	ENVI-178-0312
Effective Date:	CONTRACTOR OF THE CONTRACTOR O	Revision:	R0
Task:	26-Mar-2012	By:	Dianne Dul
iask.	Dust Gauge Collection Fie		
	all min	Page:	_1_ of2
GENERAL			
LOCATION NAME: 100	DATE (dd-mmm	-yyyy): <u>27</u> -06-2019	TIME (24:00): 151.55
SAMPLED BY: JV.	TYPE OF SAMP	LE: Dust	Other
GPS COORDINATES (UT	ГМ): <u>532 908</u> <u>Е 714</u>	-8924 N (Zone)	1417
DESCRIPTION: Q 2			1000
Precipitation: rain / mist /	Wind Direction: <u>050°</u>	Wind Speed (knots): _/ Cloud Cover: 0% 10%, 2 Dust in area: Visible Not	 25%, 50%, 75%, 100 Visible
COLLECTION COMMEN	TS: (i.e. damage to station, bugs -	wigs in sample, hole in vo	otibulo etc.)
Date Sample Collected was	Deployed 2019-04-05 (@ 1	4°16	subule, etc.)
+ Bust any 1448115	le when walking	7715	
Total Volume of Water A	After Melting: 25 (mL)		

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	123.7	263.7		
2	123.0	284.0		
3	122.3	249.4		
4				
5				
6				
7				
8				2
9		2		
10				
11				
Γotals	369 M	797.1	428.1	

	Dust Gauge Coll	ection Field Sheet	
Area: Effective Date: Task:	8000 26-Mar-2012 Dust Gauge Collection F	No: Revision: By: ield Sheet Page:	ENVI-178-0312 R0 Dianne Dul
GENERAL LOCATION NAME: SAMPLED BY: GPS COORDINATES (U DESCRIPTION: Q2	DATE (dd-mm TYPE OF SAM TM): 0531493 E		
Precipitation: rain / mist Snow Cover: 0% 10%,	Wind Direction: 150 / snow /N/A 25%, 50%, 75%, 100%	Wind Speed (knots): 3 Cloud Cover: 0% 10%) 2 Dust in area: Visible Not	Visible
COLLECTION COMMEN Date Sample Collected was	TS: (i.e. damage to station, bugs s Deployed <u>2014-04-05</u> @ I	- twigs in sample, hole in ves	stibule, etc.)
Total Volume of Water	After Melting: 525 (mL)	

Total Volume of	Water	After	Melting:	525	(mL)
	- vacci	Aitei	werung	0 -	(mL)

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	115.3	270.1	3	
,2	121,4	274.5		
3	115.3	172.6		
4	125.2	181.8		
5	122.9	196.1		
6	117.0	122.8		
7				
8				
9				
10				
11			-	
Totals	717.1	1217.9	500.8	

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	Dust Gauge Co	ollection Field Sheet	
Area: Effective Date: Task:	8000 26-Mar-2012 Dust Gauge Collection	No: Revision: Bv:	ENVI-178-0312 R0 Dianne Dul
	i qui	Page:	1 of 2
GENERAL LOCATION NAME: O SAMPLED BY: 5K, V GPS COORDINATES (U DESCRIPTION: Q2	DATE (dd-m MN) TYPE OF SA TM): 0529 323 E	nmm-yyyy): 2014-05-25 AMPLE: Dust 715 1191 N (Zone)	TIME (24:00): 11:45 Other_ はい
Precipitation: rain / mist	Wind Direction: 150°	Wind Speed (knots): 3 Cloud Cover: 0%, 10%, 2 Dust in area: Visible, Not	
COLLECTION COMMEN	TS: (i.e. damage to station, buç	gs - twigs in sample, hole in ves	stibule etc.)
Date Sample Collected was 2 Bugs in Scun	Deployed ASIA STORY	2019 - 04 - 06 (no time)	niouie, etc.)
otal Volume of Water A	After Melting: 25 (r	nL)	

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	123.5	124.9	gc	0.
2	122,3	136.6		
3	122.7	157.3		
4	125.0	171.5		
5	124.9	164.1		
6	117.4	164.3		
7				
8				
9				
10				
11				
Totals	736.3	918.7	182.4	

No: Revision:		T-178-0	312
		I-178-0	312
Revision:			278 Alexander
	R0		
By:	Dian	ne Dul	
Page:	1	of	2
14-05-25-		()	115
1 03 63	IME (24	:00):	
N (Zono)	tner		
N (Zolle) _	1010		
	_		
d (Irmata): 3			
r: 0% 10% 2		0/ ==0/	
a: Visible Not \	/isible	%, /5%,	100
ple, hole in ves	tibule. e	etc.)	
		,	
	N (Zone)N (Zone	TIME (24 OtherN (Zone)N (knots):3 Tr. 0% 10% 25%, 50 Time (24)	OtherN (Zone) _ \frac{1}{2} \\ \text{Solution} Solu

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	124.9	132.6	J	
2	126.0	140.1		
3		4		
4				
5				
6				
7				
8				
9		9		
10				
11				
otals	250.9	272,7	21.8	

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	Dust Gauge Co	ollection Fiel	d Sheet			#S
Area: Effective Date: Task:	8000 26-Mar-2012 Dust Gauge Collection		No: Revision: By:	R0	/I-178-0 nne Dul	312
:1	a Topic T		Page:	_1_	of	2
GENERAL LOCATION NAME: OCCUPANTION SAMPLED BY: The properties of	DATE (dd-m MA) TYPE OF SA TM): 0538714 E	nmm-yyyy): 35 AMPLE: Dust 7153376	25 - 06 - 36 N (Zone	TIME (24 Other) 12N	4:00): <u></u>	125
Precipitation: rain / mist	Wind Direction: 160°	Cloud Cove	d (knots): 3 er: 0%, 10%, a: Visible, No	25%, 50	0%, 75%,)	, 100
COLLECTION COMMEN Date Sample Collected was	TS: (i.e. damage to station, bug	gs - twigs in sam	ple, hole in ve	estibule,	etc.)	11
- Dust visible - Some regulation - after filtering, tilte	^	· 01:40				
otal Volume of Water	After Melting: 75 (r	nL)				

Total Volume of	Water	After	Melting :	75	(mL)

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	126.2	132.0		
2	126.2	159.6		
3	115.4	116.0		
4		110,0		
5				,
6				
7				
8				
9				
10				
11				
Totals	367.8	407,6	39.8	

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I-178-0312
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1:00): 1417
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0%, 75%, 100
etc.)
-

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	114,2	119.4		
2	114,2	137.1		
3	114.2	161.1		
4				
5				
6				
7				
8				
9				
10				
11				
Totals	342,6	417.6.	75.0	

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	Dust Gauge Colle	ction Field Sheet	
	Dust Gauge Gone	——————————————————————————————————————	ENIV. 470 0040
Α	0000	No:	ENVI-178-0312
Area:	8000	Revision:	
Effective Date:	26-Mar-2012	By:	Dianne Dul
Task:	Dust Gauge Collection Fi	Page:	1 of 2
		raye.	
OFNEDAL			
GENERAL O	-1 2 A	. 2 16 20	1/55
LOCATION NAME: 18	AST 2A DATE (dd-mmn	1-yyyy): <u>2017-07-27</u>	Other:
	JTM): <u>\$35678</u> E	7151339. N (Zone)	1211
DESCRIPTION: 03	Dust		
CLIMATE CONDITIONS	(if sampling outside) ⊂い	w .	
	Wind Direction: 525°		
Precipitation: rain / mis		Cloud Cover: 0%, 10%,	
Snow Cover: 0%, 10%,	25%, 50%, 75%, 100%	Dust in area: Visible, Not	t Visible)
COLLECTION COMME	NTS: (i.e. damage to station, bugs	twice in eamnle, hole in ve	estibule etc \
	1010 01 35 1	TV ALOL	estibule, etc./
dust visible - 0	recenish colour (Cu tub	e?)	
- austrano	sent constitution		
- Dome buch pr			
•			
Total Volume of Water	After Melting: 1600 (ml	.)	

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	114.9	174.9.		
2	116.1	148.6.		
3				
4				
5		a a		
6				
7				
8				
9				
10				
11				
Totals	231.0	323.5	92,5	

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Di	ust Gauge Collec	ction Field S	Sheet			
		No	o:	ENV	I-178-0	312
Area: 8000		Re	evision:	R0		
Effective Date: 26-Mar-2	012	By	/ :	Dian	ne Dul	
Task: Dust Gau	ge Collection Fie	ld Sheet		-		
		Pa	ige:	_1_	of	2
GENERAL						
	D A 200 / 1 1	2.0	-2 70			100
LOCATION NAME: Drast 3	DATE (dd-mmm		01-30			
SAMPLED BY: NG, LC.				-		
GPS COORDINATES (UTM):535	024 E	7151872	N (Zone)	_12v	J.	
DESCRIPTION: Q3 Dust						
CLIMATE CONDITIONS (if sampling of Air Temp:°C Wind Dir Precipitation: rain / mist / snow / N/A Snow Cover: 0%, 10%, 25%, 50%,	rection:	Wind Speed (k Cloud Cover: Dust in area:	0%, 10%,	25%, 60	0%, 75%	, 100
COLLECTION COMMENTS: (i.e. damage	age to station, bugs -	twigs in sample	e, hole in ve	estibule,	etc.)	
Date Sample Collected was Deployed		JK,SS2				
- Some bugs present - visible dust - greenishi	in colour.					
Total Volume of Water After Melting	g:1700 (mL)					

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	116.3.	321.8		
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
Totals	116.3	321.8	205.5	

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	Dust Gauge Colle	ection Field Sheet		
		No:	ENVI-178-0	312
Area:	8000	Revision:	R0	
Effective Date:	26-Mar-2012	By:	Dianne Dul	
Task:	Dust Gauge Collection F			
		Page:	1 of	2
CENEDAL		P		
GENERAL	DUST 11	00 5 000	1/	1116
LOCATION NAME:	DUST 4 DATE (dd-mmi	m-yyyy): <u>~0 ~ep~201</u> 9		
	2 NG LC DP TYPE OF SAM		Other	
	UTM):531397E	+152127 N (Zone)	12w.	
DESCRIPTION:	3 Dust			
O	200			
CLIMATE CONDITIONS	N.W.			
	Wind Direction: 315	Wind Speed (knots):		
Precipitation: rain / mis		Cloud Cover: 0%, 10%,	2	, (100)
Snow Cover: 0%,)10%,	, 25%, 50%, 75%, 100%	Dust in area: Visible, Not	Visible	
COLLECTION COMME	NTS: (i.e. damage to station, bugs	- twigs in sample hole in ve	stibule etc.)	
	NTS: (i.e. damage to station, bugs		stibule, etc.)	
Date Sample Collected w	NTS: (i.e. damage to station, bugs as Deployed 2019-06-27 by		stibule, etc.)	
Date Sample Collected w - bugs in sample			stibule, etc.)	
Date Sample Collected was bugs in sample visible dust	as Deployed 2019-06-27 by		stibule, etc.)	0
Date Sample Collected w - bugs in sample	as Deployed 2019-06-27 by		stibule, etc.)	
Date Sample Collected was bugs in sample visible dust	as Deployed 2019-06-27 by		stibule, etc.)	
Date Sample Collected was bugs in sample visible dust	as Deployed 2019-06-27 by		stibule, etc.)	

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	113,3	131,2		11
2	114.4	117.7		
3	114.0	139.4.		
4	114.5	120.4.		
5				
6				
7				
8				
9				
10				
11				
Totals	456, 2	508.7	52,5	

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-	1
	11 0
100	1
-	9
	-508
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-	10
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	7
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0	-
1	
8	3
-	0

	Duet Gauge Colle	ction Field Shoot	
	Dust Gauge Colle		
		No:	ENVI-178-0312
Area:	8000	Revision:	R0
Effective Date:	26-Mar-2012	Ву:	Dianne Dul
Task:	Dust Gauge Collection Fi		
		Page:	1 of2_
GENERAL			
	St S DATE (dd-mmn	n-yyyy): <u>2019-09-29</u>	TIME (24:00): 1512
SAMPLED BY: 552	TYPE OF SAME	PLE: Dust	Other
GPS COORDINATES (L	JTM): 535696. E =	N (Zone)_12W-
DESCRIPTION: 03	Dust		
CLIMATE CONDITIONS	(if sampling outside)		
Air Temp: °C	Wind Direction: 225	Wind Speed (knots):	
Precipitation: rain / mis		Cloud Cover: 0%, 10%,	
	25%, 50%, 75%, 100%	Dust in area: Visible, No	
0			
	NTS: (i.e. damage to station, bugs		estibule, etc.)
Date Sample Collected wa	as Deployed 2019-06-25 by	JK, MN.	
- Some bugs pres	end		
- dust visible -	ent greenish colour (Cu,	pipe?)	
	0.	,	
	NAME OF THE PARTY		
otal Volume of Water	After Melting: 1500 (mL)	

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	121.1	168.5		
2				
3				
4				
5				
6			4	
7				
8				
9				
10				
11				
Totals	121.1	168.5	47.4.	

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	4 40
	- 0
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6	-
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	Dust Gauge Col	ection Field Sheet	
Area:	8000		ENVI-178-0312 n: R0
Effective Date: Task:	26-Mar-2012 Dust Gauge Collection	By: Field Sheet	Dianne Dul
		Page:	_1_ of2
GENERAL .			
LOCATION NAME: Do	st 6 DATE (dd-mr	nm-yyyy): <u>2019-09-</u> 30	TIME (24:00): 1436.
SAMPLED BY: _ SS2 .	VG, LC TYPE OF SAI	/IPLE: Dust	Other
GPS COORDINATES (L	TM): 537502 E	7152934. N(Z	one)
DESCRIPTION: 03	Dust		
Precipitation: rain / mist	Wind Direction:	Cloud Cover: 0%, 10	%, 25%, 50%, 75%, 100
COLLECTION COMME	ITS: (i.e. damage to station, bug	s - twigs in sample, hole	in vestibule, etc.)
Date Sample Collected wa	s Deployed 2019-06-26 by	SS2 JK	
Total Volume of Water	900 + 850. After Melting: (r	nL)	

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	116.8	144.5		
2	118.4	130.8		

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1	4	1
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	Dust Gauge Co	ollection Fiel	d Sheet			
			No:	ENV	/ 1-178-0	312
Area:	8000		Revision:	R0		
Effective Date:	26-Mar-2012		Ву:	Diar	ne Dul	
Task:	Dust Gauge Collection	Field Sheet				
			Page:	_1_	of	2
GENERAL						
	DATE (dd-r	nmm-vvvv): ⊃	19-09-29	TIME (2	4:00): 1	044
SAMPLED BY: 552		AMPLE: Dust				
GPS COORDINATES (UT	TM): 536819 E	7150510	N (Zone	124).	
DESCRIPTION: Q3	Dust					
Precipitation: rain / mist	Wind Direction: 5W 225°	Cloud Cov	ed (knots): /er: 0%, 10%, ea: Visible, No	25%, 5	0%, (75%	o, 100
	ITS: (i.e. damage to station, b			estibule	etc.)	
	s Deployed 2019-06-25					
- clear liquid	-dustvision - li	ght brown	?			
- Some bugs f	present					
V 1						
Total Volume of Water	After Melting: 1900.	_(mL)				

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	113.6	144.8		
2	114.9	126.9		
3				
4				
5				
6				
7				
8				
9				
10				
11				
Totals	228.5	271.7·	43.2.	

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	Dust Gauge Collection I	ield Sheet				
		No:	ENV	I-178-03	312	
Area:	8000	Revision:	R0			
Effective Date:	26-Mar-2012	By:	Dian	ne Dul		
Task:	Dust Gauge Collection Field She	eet				
		Page:	_1_	of _	2	
GENERAL						
LOCATION NAME: D	ast 8 DATE (dd-mmm-yyyy):	2019-09-29	TIME (24	1:00): <u> </u>	04	
SAMPLED BY: 552	TYPE OF SAMPLE: Du	si	Other_			
GPS COORDINATES (U	TM): 531401 E 715411	N (Zone)	120)·		
DESCRIPTION: Q3						
DEGOTAL FIGHT.						
CLIMATE CONDITIONS	(if sampling outside)					
Air Temp: O °C	Wind Direction: Sw Wind 9	Speed (knots):				
Precipitation: rain / mist		Cover: 0%, 10%,		0%, (75%	, 100	
Snow Cover: (0%, 10%, 25%, 50%, 75%, 100% Dust in area: Visible, Not Visible						
	A.					
	NTS: (i.e. damage to station, bugs - twigs i		estibule,	etc.)		
Date Sample Collected wa	s Deployed <u>2014-06-25</u> @ 11:00 b	JK, MN.				
-> Buss in san	ple					
-> Bugs in som -> visible dust -> green flutt						
VISIPIC COUST						
-> green thuis						
V						
076 IN 501	1000 (-1)					

Total Volume of Water After Melting: 1900 (mL)

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	114.6	136,4		
2	115.2	120.3		
3	113.7	123.4		
4	113.7	119.0		
5				
6				
7		1		
8				
9				
10				
11				
Totals	457.2	499.1	41.9.	

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	Dust Gauge Collec	tion Fleid Sneet		
		No:	ENVI-178	3-0312
Area:	8000	Revision:	R0	
Effective Date:	26-Mar-2012	By:	Dianne D	ul
Task:	Dust Gauge Collection Fie	eld Sheet		
		Page:	of	2
GENERAL				
LOCATION NAME: 🔓	DATE (dd-mmm	-yyyy): 2019-09-29	TIME (24:00):_	1633
SAMPLED BY: 552	TYPE OF SAMPI	LE: Dust	Other	
GPS COORDINATES (UTM): 541204 E 71	52154. N (Zone)	121.	
DESCRIPTION:		2		
CLIMATE CONDITION:	S (if sampling outside)			
Air Temp:O°C	Wind Direction: 225°	Wind Speed (knots):		
Precipitation: rain / mi		Cloud Cover: 0%, 10%,	25%, 50%, (7	75%, 100
Snow Cover: 0% 10%	, 25%, 50%, 75%, 100%	Dust in area: Visible, Not	Visible	
3110W COVEL 070, 1070				
COLLECTION COMME	ENTS: (i.e. damage to station, bugs -			
COLLECTION COMME	ENTS: (i.e. damage to station, bugs -			
COLLECTION COMME	vas Deployed 2014 - 06-25 @			
COLLECTION COMME	vas Deployed 2014 - 06-25 @			
COLLECTION COMME				
COLLECTION COMME	vas Deployed 2014 - 06-25 @			
COLLECTION COMME	vas Deployed 2014 - 06-25 @			

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	113.8	123.8		
2	1(3.6	124.2		
3	115.0	(26.4)		
4				
5				
6				
7				
8			¥	
9				
10				
11				
Totals	342.4.	374,4	32	

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	Dust Gauge Colle	ction Field Sheet	
Area: Effective Date: Task:	8000 26-Mar-2012 Dust Gauge Collection F	No: Revisio By:	ENVI-178-0312 R0 Dianne Dul
rask.	Bust Gauge Collection 1	Page:	_1 of2_
SAMPLED BY: NG.	ST 10 DATE (dd-mmi LC TYPE OF SAM TM): 532908 E	PLE: Dust	Other
Precipitation: rain / mist	Wind Direction: SW 225°	Wind Speed (knots): Cloud Cover: 0%, 10 Dust in area: Visible	0%, 25%, 50%, 75%, 100
COLLECTION COMMEN	ITS: (i.e. damage to station, bugs	- twigs in sample, hole	in vestibule, etc.)
Date Sample Collected was - Bugs prosent - Dust visible,	greenish colour	LC, JK.	
Total Volume of Water	After Melting: (1050 (m	L)	

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	0.511	175.8		
2	121.7	(75.0		
3				
4				
5				
6				
7				
8				
9				
10				
11				
Totals	238.7	350.8	112.1	

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	Dust Gauge Collection	r Field Sheet		
		No:	ENVI-178-0	312
Area:	8000	Revision:	R0	
Effective Date:	26-Mar-2012	Ву:	Dianne Dul	
Task:	Dust Gauge Collection Field S	Sheet		
		Page:	of	2
GENERAL				
	UST () DATE (dd-mmm-yyy)	1. 2019-09-29	TIME (24:00): 15	56.
SAMPLED BY: SS2			Other	
	JTM):E7150			
		N (Zone)	1200.	
DESCRIPTION:	5 Dast			
CLIMATE CONDITIONS	(if sampling outside)			
AL. T	Sial	d Speed (knots):		
Precipitation: rain / mis	t / anaw (N/A)	ud Cover: 0%, 10%,		4 100
		st in area: Visible, No		0, 100
3110W Cover. 076, 1076,	2376, 3076, 7376, 10076	still area. Visible, No	T VISIBIC	
COLLECTION COMME	NTS: (i.e. damage to station, bugs - twig	s in sample, hole in ve	estibule, etc.)	
COLLECTION COMME	NTS: (i.e. damage to station, bugs - twig	s in sample, hole in ve	estibule, etc.)	
Date Sample Collected w	as Deployed 2019-06-25 by 3	IK, MN.		
Date Sample Collected w	as Deployed 2019-06-25 by 3	IK, MN.		20
Date Sample Collected w - Clea-liquid - Some outtvisi	as Deployed 2019-06-25 by 3	IK, MN.		20
Date Sample Collected w	as Deployed 2019-06-25 by 3	IK, MN.		ne,
Date Sample Collected w - Clea-liquid - Some outtvisi	as Deployed 2019-06-25 by 3	IK, MN.		se.
Date Sample Collected w - Clea-liquid - Some outtvisi	as Deployed 2019-06-25 by 3	IK, MN.		20.

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	114.8	153.1		
2	115.4	125.9		
3				
4	9			
5				
6				
7				
8				
9				
10				
11				
Totals	230.2	279.0	48.8	

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	Dust Gauge Co	llection Field	Sheet			
		N	No:	ENVI	l-178-0	312
Area:	8000	F	Revision:	R0		
Effective Date:	26-Mar-2012		Зу:	Diani	ne Dul	
Task:	Dust Gauge Collection	Field Sheet				
		P	Page:	1	of	2
GENERAL LOCATION NAME: Da	s + 12 DATE (dd-m	mm-vvvv): 2,19-	-09-29	TIME (24	:00): [· 44
SAMPLED BY: \$52	<u>s+ 12</u> DATE (dd-m TYPE OF SA	MPLE: Dust		Other	.00)),
	гм): <u>529323.</u> Е					
DESCRIPTION: Q 3		71211	N (2016)	100		
CLIMATE CONDITIONS	(if a compline a subside)					
Air Temp: O °C	Wind Direction: 225°	Wind Speed	(knots):			
Precipitation: rain / mist	/ snow / N/A	Cloud Cover	r: 0%, 10%, 2		0%, 75%	i, 100
	25%, 50%, 75%, 100%		: Visible, Not	and the same of th		
	TS: (i.e. damage to station, bus Deployed 2019-06 - ∭ 25				etc.)	

Total Volume of Water After Melting: 2000 (mL)

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	114.8	124.8		
2	114.6.	124.9		
3	114,4.	114.8		
4	(13.7	119.0		
5				
6				
7				4
8				
9				
10				
11				
Totals	457.5	483.5	26.0	

No: Revision: By: et Page: Z019-09-29 N (Zone	R0 Dianne 1 TIME (24:0	of	2
Revision: By: Page: Z019-09-29	R0 Dianne 1 TIME (24:0	e Dul of 00):_/4/	2
Page:	TIME (24:0	00):_/4/	6.
Z019-09-29	TIME (24:0	00):_/4/	
		(v)	
over: 0%, 10%,	25%, 50%	%, <i>¶</i> 5%,	100
	estibule, e	tc.)	
4N. From Cu p	ipe ?)		
	over: 0%, 10%, area: Visible, No sample, hole in v	area: Visible, Not Visible sample, hole in vestibule, e	over: 0%, 10%, 25%, 50%, 75%, area: Visible, Not Visible sample, hole in vestibule, etc.)

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	114.9	144,2		
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
Totals	114,9	144.2	29.3	

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	Dust Gauge Collec	tion Field Sheet	
		No:	ENVI-178-0312
Area:	8000	Revision:	R0
Effective Date:	26-Mar-2012	By:	Dianne Dul
Task:	Dust Gauge Collection Fie	ld Sheet	
		Page:	1 of 2
GENERAL	1.00	20.00.00	
	UST C2 DATE (dd-mmm-		
SAMPLED BY: SS2			Other
GPS COORDINATES (U	TM): _ 528714 _ E _ =	153276 N (Zone	e)
DESCRIPTION: _ 0 3	Dust		
Precipitation: rain / mist	Wind Direction: 2250	Wind Speed (knots): Cloud Cover: 0%, 10%, Dust in area: Visible, No	25%, 50%, 75%, 100
COLLECTION COMMEN	NTS: (i.e. damage to station, bugs -	twigs in sample, hole in v	vestibule, etc.)
Date Sample Collected wa	s Deployed 2019-06-25 by	2K' MM	
- Some dust vis	ible - slight green hue (Ch Tubo)	
- Some bup p	recent		
Total Volume of Water	After Melting: 1800 (mL)		

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	115.5	134.5		
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
Totals	115.5	134.5	19.0.	

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	Dust Gauge	Collection Fig	eld Sheet			
			No:	ENV	1-178-0	312
Area:	8000		Revision:	R0		
Effective Date:	26-Mar-2012		Ву:	Dian	ne Dul	
Task:	Dust Gauge Collec	tion Field Shee	et			
			Page:	1	of _	2
GENERAL				***		•
<u>GENERAL</u> LOCATION NAME: 🕰	STOL DATE	(dd-mmm-yyyy): <u>2</u>	118-Dec-210	TIBAE /2/	4.00\- 10	23
SAMPLED BY: <u></u> AH		or SAMPLE: (Dust				
		The same of the sa				
	TM): 533964	E TINOPI	N (Zone	e) <u>120</u>	<i>W</i>	
DESCRIPTION: <u>Q</u> 4	Dust					
OLUMBITION OF THE PROPERTY OF						
CLIMATE CONDITIONS		•		_		
	Wind Direction: <u>S</u> ξ		eed (knots): IC			
Precipitation: rain /mis	ACCORDING TO SERVICE AND ADDRESS OF THE PARTY OF THE PART		over: 0%, 10%,	Designation of the last of the		, (100)
Snow Cover: 0%, 10%,	25%, 50%, 75%, 100%	b) Dustin a	area: Visible, 🚺	ot Visible	>	
COLLECTION COMME	NTS: (i.e. damage to statio	n, bugs - twigs in s	ample, hole in v	estibule,	etc.)	
Date Sample Collected wa	s Denloved 2019-09-					
-dearliquid -	shife colour					
-dearliquid - come dust visi	66					
Sumalar and	1 2019-1- 39					
Sumples analyzed	2017-Dec -27					

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	118,2	198,0	79.8	
2				
3				
4				
. 5				
6				
7				
8				
9				
10				
11				
Totals	118,2	198.0	79.8	

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Dust Gauge Collection Field Sheet							
			No:		ENV	/1-178-0	0312
Area:	8000		Revi	sion:	R0		
Effective Date:	26-Mar-2012				Dianne Dul		
Task:	Dust Gauge Colle	ection Field	Sheet				
			Page) :	1_	of	2
GENERAL							
LOCATION NAME: D	UST 2A DATE	E (dd-mmm-yy)	W1- 2019-Dec.	-28	TIME (2	4-00\- L	2.39
SAMPLED BY: AN C		E OF SAMPLE:(- management of the second		Other	4.00/ <u>.</u>	
GPS COORDINATES (UTM):							
DESCRIPTION: 04 Dast							

CLIMATE CONDITIONS (if sampling outside)							
Air Temp: <u>-20</u> °C Wind Direction: <u>W</u> Wind Speed (knots): <u>12</u>							
Precipitation: rain / mist / snow (N/A) Cloud Cover: 0%, 10%, 25%, 50%, 75%, (00)							
Snow Cover: 0%, 10%, 25%, 50%, 75%, (00%) Dust in area: Visible, (10t Visible)							
COLLECTION COMMENTS: (i.e. damage to station, bugs - twigs in sample, hole in vestibule, etc.)							
Date Sample Collected was Deployed 2019-09-29. by SS 2							
- clea-liquid - some dust visitob - white in colour.							
- some dust v	ristab - while a	in colour	•				
Samples analyzed	1 2019-12-29						
Tatal Maluma of Mata-	150						

Total Volume of	Water	After	Melting:_	620	(mL)

Filter #	Weight of Filter	Filter + Residue	Residue Weight	Comments
1	118.9	207.2	88.3	
2				
3				
4				
5				
6		,		
7				
8				,
9				r
10				
11				
Totals	118,9	207,2	88.3	