



ALS USA Inc.  
 4977 Energy Way  
 Reno NV 89502  
 Phone: 775 356 5395 Fax: 775 355 0179 www.alsglobal.com

To: LANDMARK ALASKA C/O UCORE RARE  
 METALS  
 454 VOYAGEUR WAY  
 HAMMONDS PLAINS NS B4B 2A7  
 CANADA

Page: 1  
 Finalized Date: 19-MAY-2011  
 Account: LANDAL

**CERTIFICATE FA11079487**

Project: Central AK  
 P.O. No.:  
 This report is for 27 Heavy Mineral samples submitted to our lab in Fairbanks, AK, USA on 9-MAY-2011.  
 The following have access to data associated with this certificate:  
 JIM BARKER                      JIM ROBINSON

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS81h	High grade REE by fusion/ICPMS	ICP-MS

To: LANDMARK ALASKA C/O UCORE RARE METALS  
 ATTN: JIM BARKER  
 6841 N. TONGASS HWY  
 KETCHIKAN AK 99901

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS FA11079487**

Sample Description	Method Analyte Units LOR	WEI-21	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	
		Recvd Wt. kg	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm	Nd ppm	Pr ppm	Rb ppm	Sm ppm
		0.02	3	0.3	0.2	0.2	0.3	1	0.05	3	0.05	1	0.5	0.2	1	0.2
PB16215B		0.02	33000	1365	828	17.1	1105	871	305	16950	125.5	1750	12250	3710	55	2340
PB16218P		<0.02	28200	1570	933	20.3	1355	699	357	14600	150.5	1060	10600	3190	86	2050
PB16219		0.02	32000	1315	720	16.5	1085	343	291	16550	112.0	885	11950	3610	39	2290
RM10073P		0.02	32500	1940	1145	36.5	1345	68	448	17650	175.0	177	11600	3580	29	2230
RM11013		0.02	28100	1050	553	16.2	915	172	223	14750	85.6	146	10250	3140	20	1940
RM11014		<0.02	16200	1100	667	23.8	736	108	261	8620	96.0	185	6460	1795	22	1195
RM24604		0.04	6830	335	195.0	5.4	243	107	76.5	3480	28.6	301	2770	824	90	483
RM25983		0.02	2600	271	175.0	5.3	181.0	41	66.4	1480	25.6	405	1210	344	72	264
RM25984		0.02	860	93.9	58.8	3.6	61.6	152	22.7	473	9.11	206	354	102.5	124	78.8
RM25985		<0.02	2370	246	150.0	7.1	160.0	95	58.5	1400	21.4	324	1010	299	81	204
RM25988		0.04	6080	256	157.0	5.3	193.5	365	53.0	3310	24.3	581	2440	770	268	396
RM25989		0.03	7390	344	181.5	6.3	306	263	65.6	3860	27.3	307	3270	977	260	595
RM26011		0.02	6910	422	260	10.0	303	273	89.0	3670	36.0	776	2970	904	129	524
RM26030		0.02	5340	333	207	9.3	240	212	69.9	2790	27.2	593	2350	709	116	421
RM26031		0.02	5210	368	220	13.7	258	149	76.9	2740	27.4	596	2230	681	109	402
RM26033		<0.02	4850	332	217	7.9	236	222	71.2	2510	30.5	599	2130	636	105	387
RM26041		<0.02	5340	379	226	17.7	289	209	78.2	2790	30.3	474	2370	707	126	444
RM26042		0.02	2320	196.5	130.5	4.0	127.0	37	42.9	1340	19.05	359	1015	307	167	188.5
RM26592		0.02	2350	204	136.0	8.2	134.5	97	45.6	1390	17.25	388	1045	312	128	194.0
RM27591		<0.02	793	354	278	6.0	139.5	66	84.5	399	40.3	416	319	92.9	291	91.5
RM27592		0.02	2580	845	644	14.3	368	73	199.5	1330	92.4	832	1165	347	107	298
RM27594		0.02	2120	489	364	7.6	225	119	112.5	1190	52.5	956	934	280	104	216
RM27596		0.05	3370	474	341	8.0	256	160	108.0	1690	49.6	993	1480	446	117	308
RM27635		0.02	942	66.9	41.5	1.3	48.5	47	14.25	491	5.72	136	373	110.5	124	74.5
SO27913A		0.03	220	32.1	28.5	1.8	14.2	138	8.50	115	5.24	210	95.7	26.4	3	18.5
SO27913B		0.04	952	68.1	68.8	5.5	39.0	3460	18.05	515	20.4	182	385	110.5	13	67.6
SO27913C		0.03	48	1.2	0.7	0.5	1.3	4	0.23	28	0.07	4	18.7	5.5	4	2.9



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Sample Description	Method Analyte Units LOR	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	
		Sn	Ta	Tb	Th	Tm	U	W	Y	Yb	Zr
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		5	0.5	0.05	0.3	0.05	0.3	5	3	0.2	10
PB16215B		>50000	377	203	>5000	117.0	1080	17200	6870	825	25800
PB16218P		>50000	185.0	234	>5000	141.0	1165	14300	6880	980	18300
PB16219		>50000	204	198.0	>5000	108.5	904	18400	6220	746	9600
RM10073P		>50000	82.4	265	>5000	174.0	457	19400	11050	1190	1280
RM11013		>50000	21.2	160.5	>5000	82.2	485	6740	5090	573	6170
RM11014		22800	21.2	147.0	4010	98.3	293	4530	6440	652	3250
RM24604		34000	78.3	47.1	1600	28.8	111.0	668	1975	189.5	3330
RM25983		8740	82.5	35.5	762	26.5	73.6	109	1695	179.0	1410
RM25984		3860	32.2	12.50	811	8.76	63.0	61	585	59.5	5210
RM25985		15550	68.0	32.3	663	22.2	101.5	392	1450	147.5	3050
RM25988		18850	61.2	37.6	2110	22.9	291	1005	1390	147.0	11800
RM25989		39700	51.3	54.8	2150	26.4	188.5	806	1440	169.0	7700
RM26011		18300	129.5	60.5	1830	37.2	203	925	2040	230	8300
RM26030		24200	88.1	47.1	1620	28.3	182.0	1560	1670	173.0	6460
RM26031		18300	85.9	52.2	1465	30.3	122.5	498	1630	182.0	4720
RM26033		16700	83.8	46.9	1630	30.8	161.0	599	1790	190.0	5800
RM26041		14100	60.2	55.2	1625	31.4	169.0	599	1870	192.0	6710
RM26042		26700	70.8	27.0	756	19.15	71.7	1600	1150	121.5	1200
RM26592		10800	64.9	28.2	799	18.90	80.3	331	1260	112.0	2970
RM27591		3860	119.5	40.4	278	41.0	78.5	246	2050	260	2320
RM27592		>50000	203	101.0	1120	94.7	148.5	1975	4900	593	2340
RM27594		15750	296	58.4	829	53.4	135.0	434	2840	337	3980
RM27596		28100	259	61.3	1175	49.4	168.0	724	2700	314	5110
RM27635		11550	23.6	9.85	301	6.00	30.6	107	378	36.3	1680
SO27913A		23	15.3	3.53	54.6	4.49	15.1	10	227	30.0	6050
SO27913B		24	18.5	8.51	559	12.05	299	17	577	95.8	>50000
SO27913C		13	<0.5	0.28	5.3	0.20	1.0	<5	7	0.5	260