



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: 9-OCT-2011
 Account: LANDAL

CERTIFICATE FA11176965


Project: RB
 P.O. No.:
 This report is for 38 Heavy Mineral samples submitted to our lab in Fairbanks, AK, USA on 3-SEP-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
PUL-51	Pulverize Pan Concentrate
SCR-51	Screening
LOG-22	Sample login - Rcd w/o BarCode
SCR-01	Screen - Save plus fraction

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 FA11176965

Sample Description	Method Analyte Units LOR	WEI-21	SCR-51	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	WT. +1.70 g	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
1370		<0.02	0.1	739	60.1	41.0	1.5	51.6	381	13.95	388	8.32	265	341	98.2	178
1372		<0.02	0.1	1275	86.4	58.5	1.8	79.1	559	19.55	627	11.70	285	551	160.5	166
1380		0.02	0.1	13750	418	217	4.5	550	437	81.8	6560	36.6	301	5690	1675	226
1390		0.05	0.1	11250	603	364	6.1	553	590	130.0	5360	56.2	1290	4520	1355	68
1393		0.02	0.1	4600	150.0	102.5	3.8	156.5	825	33.5	2290	23.0	339	1725	537	643
1398		<0.02	0.1	3710	161.0	87.7	4.1	181.5	284	32.9	1770	13.45	488	1555	454	157
1401		<0.02	0.1	1650	79.0	53.1	2.5	73.8	728	18.00	522	10.80	471	480	138.5	205
1403		0.05	0.1	9490	599	389	6.3	491	159	136.0	4540	58.2	1540	3860	1150	60
1404		0.07	0.1	11900	557	342	6.8	581	372	117.5	5490	51.7	1170	4460	1355	56
1410		0.03	0.1	1125	134.5	86.4	1.1	100.5	88	28.4	480	14.25	168	439	132.0	565
1416		0.03	0.1	11350	620	387	6.4	581	404	132.5	5190	58.7	1100	4290	1295	46
1417		<0.02	0.1	9100	452	279	5.5	452	307	95.2	4190	42.5	1000	3450	1040	102
1418		0.02	0.1	3680	596	336	44.9	500	175	123.5	1450	33.6	1380	1745	449	193
1419		0.03	0.1	6190	363	231	4.3	339	289	78.3	2840	35.8	893	2340	708	100
1420		0.03	0.1	7260	487	319	5.2	425	175	106.5	3360	47.5	1090	2790	838	80
1421		<0.02	0.1	6570	385	247	4.4	357	201	82.9	2990	37.0	968	2510	754	103
1422		<0.02	0.1	5560	386	249	4.4	335	209	83.6	2550	38.0	892	2160	643	103
1423		<0.02	0.1	3100	159.0	96.8	2.3	160.5	210	33.2	1420	15.40	347	1200	359	190
1424		<0.02	0.1	2120	121.5	74.9	3.1	118.5	131	25.7	966	11.40	247	829	246	120
1425		<0.02	0.1	966	59.4	37.0	2.5	57.9	73	12.65	449	5.37	110	385	115.0	125
1426		0.02	0.1	13450	540	313	7.6	601	354	111.0	6130	45.6	935	5040	1530	60
1427		<0.02	0.1	2220	170.5	109.5	9.0	150.5	112	37.8	1020	13.75	215	862	258	55
1429		<0.02	0.1	5070	320	197.0	14.0	293	95	69.6	2320	24.1	368	1930	582	44
1446		0.03	0.1	7990	471	302	4.8	428	171	101.0	3660	44.6	1060	3060	927	70
1449		<0.02	0.1	782	127.0	84.4	8.9	94.6	19	29.2	353	9.33	79	335	94.9	30
1450		<0.02	0.1	1490	188.5	123.5	13.5	146.5	53	43.2	672	13.75	112	612	176.0	38
1451		<0.02	0.1	3140	133.0	69.8	1.4	174.0	197	25.3	1310	11.30	657	1310	381	329
1453		<0.02	0.1	772	111.5	76.1	0.8	73.9	66	25.1	342	12.10	112	299	90.0	293
1454		0.03	0.1	267	59.7	41.5	0.7	34.5	20	13.45	117	6.32	54	104.5	31.4	564
1455		0.02	5.2	837	265	188.0	1.1	146.5	53	60.8	355	28.8	100	345	101.0	362
1465		<0.02	0.1	865	148.5	106.5	5.9	97.1	19	35.6	399	13.30	123	351	102.5	151
1466		<0.02	0.1	2840	344	238	13.3	253	101	80.1	1310	30.5	309	1160	335	101
1469		<0.02	0.1	1280	75.8	47.0	2.4	71.6	110	16.25	582	7.29	122	501	148.0	158
1475		<0.02	0.1	1675	82.9	48.4	0.9	91.3	133	16.70	719	8.25	193	672	198.5	388
24605		<0.02	0.1	772	124.0	84.5	7.6	88.7	24	29.0	353	9.88	92	317	92.7	52
26014		<0.02	0.1	3550	227	134.5	4.3	235	55	47.1	1550	18.60	279	1480	430	125
26016		<0.02	0.1	3330	221	143.5	4.6	199.5	84	49.0	1530	20.3	463	1290	384	131
27573		0.03	0.1	844	14.1	7.0	5.9	22.9	35	2.67	460	1.04	74	279	87.9	62

Comments: Sieve at 12 mesh US Std



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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	ME-MS81h	
		Sm	Sn	Ta	Tb	Th	Tm	U	W	Y	Yb	Zr
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.2	5	0.5	0.05	0.3	0.05	0.3	5	3	0.2	10
1370		63.7	128	27.5	8.78	408	6.77	72.5	34	378	46.6	13100
1372		102.0	189	33.7	12.95	501	9.37	98.8	36	536	66.5	19200
1380		936	>50000	41.8	74.6	4230	33.0	380	5770	2060	221	12600
1390		788	14550	184.0	91.6	3270	55.0	353	1420	3330	355	18300
1393		266	962	27.9	23.7	2430	17.70	367	104	951	128.5	24500
1398		275	2520	29.4	26.8	1050	13.15	120.0	404	874	83.4	9560
1401		95.1	936	28.7	11.85	515	8.75	141.5	122	489	60.7	24400
1403		671	>50000	368	85.7	2740	58.7	274	1375	3710	376	4750
1404		766	22900	170.0	92.1	3330	53.0	295	1230	3510	348	11600
1410		100.5	10050	56.2	20.3	405	14.15	60.7	187	883	97.1	2880
1416		748	29800	168.5	97.6	3290	60.3	331	1360	4040	399	12200
1417		600	34000	192.0	74.3	2610	43.1	261	1230	2930	286	9130
1418		457	171	98.9	93.9	969	47.8	206	14	3710	273	7260
1419		413	14800	152.0	56.5	1825	36.2	197.0	796	2430	241	8930
1420		494	>50000	243	75.3	2140	49.0	222	1850	3260	323	5060
1421		446	24200	187.5	60.8	1885	38.6	197.5	705	2600	251	6130
1422		389	14450	180.0	59.1	1650	38.6	186.0	620	2540	258	6120
1423		213	3290	49.3	26.1	953	15.15	103.0	301	1010	102.0	6530
1424		148.0	1935	39.0	19.60	613	11.85	67.0	217	793	77.4	4030
1425		70.8	661	15.0	9.64	305	5.58	35.5	98	378	36.5	2220
1426		858	>50000	117.5	91.9	3810	48.0	304	2300	3280	313	11200
1427		159.5	3850	32.1	26.0	632	15.80	63.0	176	1190	96.9	3640
1429		340	23100	66.3	49.9	1375	28.9	98.4	566	2110	174.0	2930
1446		538	>50000	241	74.3	2370	46.7	250	2000	3040	304	4990
1449		72.7	1760	11.8	18.35	206	11.80	27.8	223	884	70.3	570
1450		123.5	3440	25.2	27.7	380	17.20	37.4	263	1370	102.5	1680
1451		267	442	96.9	25.0	938	11.00	110.0	127	716	74.3	5850
1453		67.5	6190	32.0	15.80	253	12.50	41.5	72	781	83.3	2250
1454		26.8	621	11.6	8.22	92.4	6.75	19.2	85	422	44.1	660
1455		97.7	220	36.7	35.8	308	30.3	75.6	82	1890	199.5	1700
1465		73.6	10050	23.2	20.3	242	15.65	37.3	539	1170	95.3	590
1466		235	12200	56.8	49.0	795	35.4	101.5	827	2600	214	3220
1469		92.0	955	16.4	12.05	391	7.42	48.5	131	506	48.9	3470
1475		129.0	6950	38.9	14.25	726	7.73	96.2	1045	466	53.1	3580
24605		68.3	9870	16.0	17.30	206	12.05	24.0	312	912	73.5	760
26014		304	23000	50.7	37.7	1100	20.1	85.9	539	1400	129.0	1630
26016		242	14400	96.6	34.5	980	21.9	90.2	444	1510	140.0	2480
27573		38.3	110	5.7	2.71	104.0	1.01	16.3	8	80	6.7	1300

Comments: Sieve at 12 mesh US Std