

#### **JAXA Special Publication**

#### Hayabusa Asteroid Sample catalog 2015

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**Japan Aerospace Exploration Agency** 

#### JAXA-SP-15-015E

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Hayabusa-returned sample catalog 2015
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#### Hayabusa-returned sample catalog 2015.

Masayuki Uesugi<sup>1</sup>, Minako Hashiguchi<sup>1</sup>, Toru Yada<sup>1</sup>, Tatsuaki Okada<sup>1</sup>, Yuzuru Karouji<sup>1</sup>, Aiko Nakato<sup>1</sup>, Toru Matsumoto<sup>1</sup>, Masahiro Nishimura<sup>1</sup>, Kazuya Kumagai<sup>1</sup>, and Masanao Abe<sup>1</sup>

<sup>1</sup>Astromaterials Science Research Group, Institute of Space and Astronautical Science, Japan Aerospace Exploration Agency, 3-1-1, Yoshinodai, Chuo-ku, Sagamihara, Kanagawa 252-5210, JAPAN.

This is the catalog of the picked-up particles from the sample catcher at December 2015.

The published particles are 246 from room-A, 341 from room-B. Before the first international announcement of opportunity, 69 grains were distributed for the preliminary examination (initial analysis), and 15 grains were distributed for the NASA examination.

At the first international announcement of opportunity, 65 grains were distributed. The other 10 grains were selected for the second NASA examination.

At the second international announcement of opportunity, 41 grains were distributed.

#### Sample list

Sample name	Status	Date	Size	Category	Phase	label
RA-QD02-0003	Curation SG10e2	120515	30 um	1	ol, hpx	-
RA-QD02-0004	Curation SG10d4		23 um	1	lpx,pl	-
RA-QD02-0008	CONSUMED, pressed on indium plate		50 um	3	(C,O),(C,N,O),AI	PE
RA-QD02-0009	CONSUMED	120117	70 um	1	[ lpx, ol, pl ]	PE, AO2_Noguchi
RA-QD02-0010	Curation glov ebox2, PS	121016	149 um	1	[ ol, pl, lpx, hpx, tr, tae, kam ]	PE,AO1_Kita,AO1_Nishiizumi
RA-QD02-0011-01 (parent : <u>RA-QD02-0011.pdf</u> )	Curation glov ebox2, PS with Au coat, almost consumed	120117	46.8 um	1	[ hpx,ol,pl]	PE
RA-QD02-0011-02 (parent : RA-QD02-0011.pdf )	Curation glov ebox2, PS		80.4 um	1	[ ol,pl,hpx,tr,tae]	PE
RA-QD02-0012	Curation SG01h1	110106	100 um	3	CO,tr	-
<u>RA-QD02-0013</u>	Cirtin Univ , PS		91 um	2	[ ol, pl, hpx, lpx, tae ]	PE,AO1_Jourdan
<u>RA-QD02-0014</u>	Curation glov ebox2, PS		131.2 um	1	[ ol, lpx, pl ]	PE, AO1_Kita
RA-QD02-0015	CONSUMED		30 um	1	lpx	PE
RA-QD02-0016	Curation glov ebox2, PS	120117	58.0 um	1	[ ol, lpx, hpx, pl, tr, tae ]	PE
RA-QD02-0017	Curation glov ebox2, PS		30 um	1	ol	PE,AO1_Kita
RA-QD02-0018	Curation SG01h2	110106	50 um	3	CO,CI,AI,Mg,Si	-
RA-QD02-0019	Curation glov ebox2, PS	120117	98.2 um	1	[ ol, pl, tr ]	PE, AO2_Fujiy a
RA-QD02-0021	CONSUMED		56.4 um	1	[ lpx, hpx, tr ]	PE
RA-QD02-0022	Curation glov ebox2, PS		50 um	1	lpx, ol, tr	PE
RA-QD02-0023	Curation glov ebox2, PS		149.4 um	2	[ ol, tr ]	PE,AO1_Kita,AO1_Nishiizumi
RA-QD02-0024	Open Univ, PS		90.0 um	2	[ ol, hpx, lpx, pl, tr, tae ]	PE,AO1_Grady
RA-QD02-0025	BROKEN		50 um	1	pl	-
RA-QD02-0025-01 (parent : RA-QD02-0025.pdf )	Tohoku Univ, PS		51.8 um	1	[ pl,hpx ]	PE, AO2_Gucsik
RA-QD02-0025-02 (parent : RA-QD02-0025.pdf )	Tohoku Univ, PS with C-coat, almost consumed		28.4 um	1	[pl]	PE, AO2_Gucsik
RA-QD02-0027	Curation glov ebox2, PS with partially Aucoat		83.0 um	2	[ tr, pl, lpx ]	PE
RA-QD02-0028	Curation glov ebox2, PS		55.4 um	2	[ ol, lpx, tr, tae ]	PE
<u>RA-QD02-0030</u>	Cirtin Univ, PS		163.8 um	2	[ lpx, ol, pl, tae, hpx, tr ]	PE,AO1_Kita,AO1_Jordan
<u>RA-QD02-0031</u>	Osaka Univ, PS		166.8 um	2	[ ol, pl, tr, hpx or lpx, chm ]	PE, AO2_Terada
RA-QD02-0032	Curation glov ebox2, PB with C-coat, almost consumed		41.4 um	1	[ ol, hpx, pl, lpx ]	PE
RA-QD02-0032-07 (parent : RA-QD02-0032.pdf )	Curation glovebox2, needle for TEM tomography by FIB		- um	1	-	PE
RA-QD02-0033	Curation glov ebox2, PS		30 um	2	[ ol,lpx,pl ]	PE
RA-QD02-0034	Curation glov ebox2, PB with C-coat		57.6 um	1	[ ol, lpx, hpx, tr ]	PE
RA-QD02-0035	Manchester Univ, PB		50 um	2	ol,pl,FeS	PE, AO1_Busemann
RA-QD02-0036	Toky o Univ, PS, almost consumed	120117	47.4 um	2	[ ol, pl ]	PE,AO1_Mikouchi
RA-QD02-0037	Curation SG01h3	120117	60 um	3	(C,O),lpx,ol	-
RA-QD02-0038	Curation glovebox2, PS, partially consumed		54.6 um	2	[ lpx, ol, pl, tr or chm ]	PE,AO1_Kita
RA-QD02-0039	Manchester Univ, PS	120117	54.6 um	1	[ ol, lpx, hpx, pl, tr ]	PE, AO2_Busemann
RA-QD02-0040-01 (parent : <u>RA-QD02-0040.pdf</u> )	Curation SG01h5	110106	30 um	3	CO,lpx	-
RA-QD02-0040-02 (parent : <u>RA-QD02-0040.pdf</u> )	Curation SG01h7	110106	50 um	4	Al	-
<u>RA-QD02-0041</u>	Toky o Univ, PS		88.6 um	1	[ ol, pl, hpx ]	PE, AO1_Mikouchi
RA-QD02-0042	Curation glov ebox2, PS	120117	96.2 um	2	[ lpx, pl, ol, hpx, tr, tae, kam ]	PE
			Ω7 /			

RA-QD02-0043	Curation glov ebox2, PS with large hole		um	1	[ ol, hpx, pl, tr ]	PE
RA-QD02-0044	CONSUMED		30 um	1	ol, pl	PE
RA-QD02-0046	Curation SG01h9	110112	100 um	4	Al	-
RA-QD02-0047	Curation glov ebox2, PS		108.0 um	1	[ ol, lpx, hpx ]	PE,AO1_Kita
RA-QD02-0048	Curation glov ebox2, PS with Au coat, almost consumed		50 um	1	ol, hpx, pl, lpx, tr]	PE
RA-QD02-0049	BROKEN		180 um	2	ol, pl	PE
RA-QD02-0049-01 (parent : RA-QD02-0049.pdf )	Manchester Univ		80 um	2	-	PE,AO1_Busemann
RA-QD02-0049-02 (parent : RA-QD02-0049.pdf )	Tokyo Univ., on glass fiber with crystal bond		74.7 um	2	[ ol,lpx,pl,tr ]	PE,AO1_Mikouchi
RA-QD02-0049-04 (parent : RA-QD02-0049.pdf )	Manchester Univ		50 um	2	-	PE,AO1_Busemann
RA-QD02-0049-05 (parent : RA-QD02-0049.pdf )	Curation N2-SP2 DSLG-05	110520	20 um	2	-	PE
RA-QD02-0050	Curation glov ebox2, PB with C-coat, almost consumed		80.3 um	1	[ ol, hpx, pl ]	PE
<u>RA-QD02-0051</u>	Manchester Univ		50 um	2	lpx,ol,chm	PE,AO1_Busemann
RA-QD02-0053	CONSUMED		40 um	2	ol,FeS	PE
RA-QD02-0054	Curation glov ebox2, PS		36.6 um	1	[ ol, tr ]	PE
RA-QD02-0055	Curation glov ebox2, PS, almost consumed		56.4 um	1	pl,hpx	PE,AO1_Kita
<u>RA-QD02-0056</u>	Osaka Univ., PS	120221	50 um	1	lpx,ol,pl	PE, AO2_Terada
RA-QD02-0057	Curation glov ebox2, PS		56.4 um	1	[ lpx ]	PE
<u>RA-QD02-0058</u>	Curation glov ebox2, PS		53.4 um	2	ol, pl, hpx, lpx, FeS	PE
RA-QD02-0060	Curation glov ebox2, PS with Au coat		59.2 um	1	ol, lpx(cpx), pl, hpx	PE
RA-QD02-0061	Curation glov ebox2, PS		49.2 um	2	[ lpx, ol, pl, tr, tae ]	PE
RA-QD02-0062-01 (parent : RA-QD02-0062.pdf )	Curation glov ebox2, PS		35.6 um	1	[ ol, lpx ]	PE
RA-QD02-0062-02 (parent : RA-QD02-0062.pdf )	CONSUMED		15 um	1	lpx	PE
RA-QD02-0063	Curation glovebox2, PS with C-coat, almost consumed		58.2 um	1	[ lpx, ol, pl, hpx, tr ]	PE
<u>RA-QD02-0064</u>	Ky oto Univ		55.4 um	1	ol	PE
<u>RA-QD02-0065</u>	CONSUMED		60 um	1	ol	PE
RA-QD02-0066	Curation glov ebox2, PS		64.6 um	1	[ ol ]	PE, AO2_Fujiy a
RA-QD02-0067	Curation glov ebox2, PS		47.6 um	1	[ ol, pl ]	PE
RA-QD02-0068	Manchester Univ, PS		98.6 um	1	[ ol, pl, hpx, tr, lpx, tae ]	PE, AO2_Busemann
RA-QD02-0070	Tohoku Univ		67 um	1	hpx,lpx,pl	AO2_Nakamura
RA-QD02-0071	Curation SG13c4	120131	70 um	1	lpx	-
RA-QD02-0076-02 (parent : RA-QD02-0076.pdf )	Curation SG10d5		28 um	1	ol	-
RA-QD02-0078	Curation SG05c1	120606	100 um	3	CO,CI,CFO,Mg	-
RA-QD02-0079	Curation SG13c2		52 um	1	hpx	-
RA-QD02-0081	Curation SG07b6	120131	50 um	4	AI,CFO	-
RA-QD02-0083	Curation SG07b5	120131	40 um	4	AI,CO	-  -
RA-QD02-0084	NASA	1200305	100 um	2	ol,tr	NASA2
RA-QD02-0088	Curation SG13c1	120130	48 um	2	ol,Fe	-
RA-QD02-0089	Curation SG13f1	120309	80 um	2	ol,lpx,tr	[-
RA-QD02-0091	Curation SG05c0 DIVIDED	120131	30 um	3	CO,Si,Cl	PE
RA-QD02-0093			98 um	2	ol,pl,FeCr	
RA-QD02-0094	Soken Univ		70 um	2	ol,pl,tr	AO2_Komatsu
<u>RA-QD02-0095</u>	DIVIDED		67 um		hpx,pl,FeCr	PE
RA-QD02-0097	Curation SG13b4	120125	um	2	ol,pl,chm	-

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RA-QD02-0100	Toky o Univ		29 um	1	pl	AO1_Mikouchi
RA-QD02-0103	Curation SG13e4	120301	um	2	ol,pl,tr	-
RA-QD02-0108	Curation SG13a0	120124	56 um	2	ol, pl, tr	-
RA-QD02-0109	Curation SG03e0	120515	44 um	1	ol,pl,Al	
<u>RA-QD02-0114</u>	Curation SG13a5	120125	40 um	2	hpx,ol,pl,tr	-
<u>RA-QD02-0115</u>	Jena Univ		40 um	2	ol,tr	AO1_Langenhorst
RA-QD02-0116	Curation glov ebox2, particle with C-coat on the Mo plate		40 um	1	lpx,tr	PE
<u>RA-QD02-0118</u>	DIVIDED	120608	47 um	1	lpx	PE
<u>RA-QD02-0119</u>	Curation SG03e6	120515	37 um	4	SiO	-
RA-QD02-0120	Curation glov ebox2, large FIB hole, pressed on Au plate		26 um	3	CO,FeCr	PE
RA-QD02-0121	DIVIDED	120608	47 um	1	ol,lpx	PE
RA-QD02-0122	Curation SG03e8	120515	58 um	4	SiO	-
RA-QD02-0124	NASA	111207	56 um	1	ol,pl	NASA
RA-QD02-0125	NASA	120814	37 um	2	ol,tr	AO1_Keller
RA-QD02-0126-01 (parent : RA-QD02-0126.pdf )	NASA	111207	41 um	2	lpx,tr	NASA
RA-QD02-0126-02 (parent : RA-QD02-0126.pdf )	BROKEN		23 um	2	lpx,ol,tr	AO2_Cipriani
RA-QD02-0126-02-01 (parent : RA-QD02-0126- 02.pdf RA-QD02-0126.pdf )	ESA ESTEC		- um	2	-	AO2_Cipriani
RA-QD02-0126-02-02 (parent : RA-QD02-0126- 02.pdf RA-QD02-0126.pdf )	ESA ESTEC		- um	2	-	AO2_Cipriani
RA-QD02-0126-02-03 (parent : RA-QD02-0126- 02.pdf RA-QD02-0126.pdf )	ESA ESTEC		- um	2	-	AO2_Cipriani
RA-QD02-0126-03 (parent : RA-QD02-0126.pdf )	Curation SG03g9	120515	9 um	2	ol,hpx,Fe	-
<u>RA-QD02-0127</u>	Soken Univ		55 um	1	lpx	AO2_Komatsu
RA-QD02-0128	Curation SG03f4	120515	38 um	1	hpx	-
RA-QD02-0129	Curation SG05a0	120106	40 um	2	pl,NaCl	(CO
RA-QD02-0130	NASA	111207	45 um	1	lpx,tr	NASA
RA-QD02-0133-01 (parent : RA-QD02-0133.pdf )	NASA Tokyo Univ	111207	45 um 53 um	1	lpx,tr ol,pl	NASA AO1_Mikouchi
RA-QD02-0133-01		111207		1		
RA-QD02-0133-01 (parent : RA-QD02-0133.pdf ) RA-QD02-0133-02	Toky o Univ		53 um	1 1 3	ol,pl	
RA-QD02-0133-01 (parent : RA-QD02-0133.pdf ) RA-QD02-0133-02 (parent : RA-QD02-0133.pdf )	Tokyo Univ Curation SG03g8	120515	53 um 9 um		ol,pl	
RA-QD02-0133-01 (parent : RA-QD02-0133.pdf ) RA-QD02-0133-02 (parent : RA-QD02-0133.pdf ) RA-QD02-0134 RA-QD02-0136-01	Tokyo Univ  Curation SG03g8  Curation SG03f8	120515	9 um 21 um 310	3	ol, pl pl  KCI	AO1_Mikouchi -
RA-QD02-0133-01 (parent: RA-QD02-0133.pdf) RA-QD02-0133-02 (parent: RA-QD02-0133.pdf) RA-QD02-0134 RA-QD02-0136-01 (parent: RA-QD02-0136.pdf)	Tokyo Univ  Curation SG03g8  Curation SG03f8  Curation AuMU	120515	9 um 21 um 310 um	3	ol,pl pl KCI hpx,lpx,ol,pl,tr	AO1_Mikouchi -
RA-QD02-0133-01 (parent : RA-QD02-0133.pdf ) RA-QD02-0133-02 (parent : RA-QD02-0133.pdf ) RA-QD02-0134 RA-QD02-0136-01 (parent : RA-QD02-0136.pdf ) RA-QD02-0136-02 (parent : RA-QD02-0136.pdf ) RA-QD02-0136-07 (parent : RA-QD02-0136.pdf ) RA-QD02-0136-13 (parent : RA-QD02-0136.pdf )	Tokyo Univ  Curation SG03g8  Curation SG03f8  Curation AuMU  Curation SG03g5	120515 120515 120515	9 um 21 um 310 um 13 um	3 2	ol,pl pl KCI hpx,lpx,ol,pl,tr	AO1_Mikouchi -
RA-QD02-0133-01 (parent: RA-QD02-0133.pdf)  RA-QD02-0133-02 (parent: RA-QD02-0133.pdf)  RA-QD02-0134  RA-QD02-0136-01 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-02 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-07 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-13 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-14 (parent: RA-QD02-0136.pdf)	Tokyo Univ  Curation SG03g8  Curation SG03f8  Curation AuMU  Curation SG03g5  Curation SG03h2	120515 120515 120515 120515	9 um 21 um 310 um 13 um 22 um	3 2 1	ol,pl pl KCI hpx,lpx,ol,pl,tr hpx	AO1_Mikouchi -
RA-QD02-0133-01 (parent: RA-QD02-0133.pdf)  RA-QD02-0133-02 (parent: RA-QD02-0133.pdf)  RA-QD02-0134  RA-QD02-0136-01 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-02 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-07 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-13 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-14 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-16 (parent: RA-QD02-0136.pdf)	Tokyo Univ  Curation SG03g8  Curation SG03f8  Curation AuMU  Curation SG03g5  Curation SG03h2  Curation SG03h7	120515 120515 120515 120515	9 um 21 um 310 um 13 um 22 um 8 um	3 2 1	ol,pl pl KCI hpx,lpx,ol,pl,tr hpx hpx	AO1_Mikouchi  CO
RA-QD02-0133-01 (parent: RA-QD02-0133.pdf)  RA-QD02-0133-02 (parent: RA-QD02-0133.pdf)  RA-QD02-0134  RA-QD02-0136-01 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-02 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-07 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-13 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-14 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-16 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-18 (parent: RA-QD02-0136.pdf)	Tokyo Univ  Curation SG03g8  Curation SG03f8  Curation AuMU  Curation SG03g5  Curation SG03h2  Curation SG03h7  ESA ESTEC  Curation SG03h5  Curation SG03h3-4	120515 120515 120515 120515 120515 120515 120515	53 um 9 um 21 um 310 13 um 22 um 8 um 10 um 14 um	3 2 1 1 1	ol,pl pl KCI hpx,lpx,ol,pl,tr hpx ol ol,pl pl,ol lpx,K-fld	AO1_Mikouchi  - CO - AO2_Cipriani
RA-QD02-0133-01 (parent: RA-QD02-0133.pdf )  RA-QD02-0133-02 (parent: RA-QD02-0133.pdf )  RA-QD02-0134  RA-QD02-0136-01 (parent: RA-QD02-0136.pdf )  RA-QD02-0136-02 (parent: RA-QD02-0136.pdf )  RA-QD02-0136-07 (parent: RA-QD02-0136.pdf )  RA-QD02-0136-13 (parent: RA-QD02-0136.pdf )  RA-QD02-0136-14 (parent: RA-QD02-0136.pdf )  RA-QD02-0136-16 (parent: RA-QD02-0136.pdf )  RA-QD02-0136-18 (parent: RA-QD02-0136.pdf )  RA-QD02-0136-18 (parent: RA-QD02-0136.pdf )	Tokyo Univ  Curation SG03g8  Curation SG03f8  Curation AuMU  Curation SG03g5  Curation SG03h2  Curation SG03h7  ESA ESTEC  Curation SG03h3-4  NASA	120515 120515 120515 120515 120515 120515	53 um 9 um 21 um 310 um 13 um 22 um 8 um 10 um 14 um 26 um	3 2 1 1 1	ol,pl  pl  KCI  hpx,lpx,ol,pl,tr  hpx  ol  ol,pl  pl,ol  lpx,K-fld  ol,lpx,pl	AO1_Mikouchi
RA-QD02-0133-01 (parent: RA-QD02-0133.pdf)  RA-QD02-0133-02 (parent: RA-QD02-0133.pdf)  RA-QD02-0134  RA-QD02-0136-01 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-02 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-07 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-13 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-14 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-16 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-16 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-18 (parent: RA-QD02-0136.pdf)	Tokyo Univ  Curation SG03g8  Curation SG03f8  Curation AuMU  Curation SG03g5  Curation SG03h2  Curation SG03h7  ESA ESTEC  Curation SG03h5  Curation SG03h5  Curation SG03h3-4  NASA  Tokyo Univ	120515 120515 120515 120515 120515 120515 120515 120515	53 um 9 um 21 um 310 um 13 um 22 um 8 um 10 um 14 um 26 um 49 um	3 2 1 1 1	ol,pl  pl  KCI  hpx,lpx,ol,pl,tr  hpx  ol,pl  ol,pl  pl,ol  lpx,K-fld  ol,lpx,pl  ol,pl	AO1_Mikouchi
RA-QD02-0133-01 (parent: RA-QD02-0133.pdf)  RA-QD02-0133-02 (parent: RA-QD02-0133.pdf)  RA-QD02-0134  RA-QD02-0136-01 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-02 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-07 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-13 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-14 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-16 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-16 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-18 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-18 (parent: RA-QD02-0136.pdf)	Tokyo Univ  Curation SG03g8  Curation SG03f8  Curation AuMU  Curation SG03g5  Curation SG03h2  Curation SG03h7  ESA ESTEC  Curation SG03h5  Curation SG03h5  Curation SG03h3-4  NASA	120515 120515 120515 120515 120515 120515 120515	53 um 9 um 21 um 310 um 13 um 22 um 8 um 10 um 14 um 26 um 49 um	3 2 1 1 1	ol,pl  pl  KCI  hpx,lpx,ol,pl,tr  hpx  ol  ol,pl  pl,ol  lpx,K-fid  ol,px,pl  ol,pl  lpx,ol	AO1_Mikouchi  CO AO2_Cipriani - NASA AO1_Mikouchi NASA
RA-QD02-0133-01 (parent: RA-QD02-0133.pdf)  RA-QD02-0133-02 (parent: RA-QD02-0133.pdf)  RA-QD02-0134  RA-QD02-0136-01 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-02 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-07 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-13 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-14 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-16 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-16 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-18 (parent: RA-QD02-0136.pdf)	Tokyo Univ  Curation SG03g8  Curation SG03f8  Curation AuMU  Curation SG03g5  Curation SG03h2  Curation SG03h7  ESA ESTEC  Curation SG03h5  Curation SG03h5  Curation SG03h3-4  NASA  Tokyo Univ	120515 120515 120515 120515 120515 120515 120515 120515	53 um 9 um 21 um 310 um 13 um 22 um 8 um 10 um 14 um 26 um 49 um 49 um 54 um	3 2 1 1 1	ol,pl  pl  KCI  hpx,lpx,ol,pl,tr  hpx  ol,pl  ol,pl  pl,ol  lpx,K-fld  ol,lpx,pl  ol,pl	AO1_Mikouchi  CO AO2_Cipriani - NASA AO1_Mikouchi
RA-QD02-0133-01 (parent: RA-QD02-0133.pdf)  RA-QD02-0133-02 (parent: RA-QD02-0133.pdf)  RA-QD02-0134  RA-QD02-0136-01 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-02 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-07 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-13 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-14 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-16 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-16 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-18 (parent: RA-QD02-0136.pdf)  RA-QD02-0136  RA-QD02-0136  RA-QD02-0136  RA-QD02-0136  RA-QD02-0136  RA-QD02-0136  RA-QD02-0136  RA-QD02-0136	Tokyo Univ  Curation SG03g8  Curation SG03f8  Curation AuMU  Curation SG03g5  Curation SG03h2  Curation SG03h7  ESA ESTEC  Curation SG03h5  Curation SG03h3-4  NASA  Tokyo Univ  NASA  CONSUMED  Curation SG03i3	120515 120515 120515 120515 120515 120515 120515 120924 111212	53 um 9 um 21 um 310 um 13 um 22 um 8 um 10 um 14 um 26 um 49 um 49 um 54 um 110 um	3 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ol,pl  pl  KCI  hpx,lpx,ol,pl,tr  hpx  ol  ol,pl  pl,ol  lpx,K-fld  ol,lpx,pl  ol,pl  lpx,ol  ol,chm	AO1_Mikouchi  CO AO2_Cipriani - NASA AO1_Mikouchi NASA
RA-QD02-0133-01 (parent: RA-QD02-0133.pdf)  RA-QD02-0133-02 (parent: RA-QD02-0133.pdf)  RA-QD02-0134  RA-QD02-0136-01 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-02 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-07 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-13 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-14 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-16 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-18 (parent: RA-QD02-0136.pdf)  RA-QD02-0136  RA-QD02-0143  RA-QD02-0144  RA-QD02-0149	Toky o Univ  Curation SG03g8  Curation SG03f8  Curation AuMU  Curation SG03g5  Curation SG03h2  Curation SG03h7  ESA ESTEC  Curation SG03h5  Curation SG03h5  Curation SG03h5  Curation SG03h3-4  NASA  Toky o Univ  NASA  CONSUMED  Curation SG03i3  Curation SG03i8	120515 120515 120515 120515 120515 120515 120515 120924 111212 120515 120515	53 um 9 um 21 um 310 um 13 um 22 um 8 um 10 um 14 um 26 um 49 um 49 um 54 um 110 um 551 um	3 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2	ol,pl  pl  KCI  hpx,lpx,ol,pl,tr  hpx  ol  ol,pl  pl,ol  lpx,K-fld  ol,lpx,pl  ol,pl  lpx,ol  ol  ol,chm	AO1_Mikouchi
RA-QD02-0133-01 (parent: RA-QD02-0133.pdf)  RA-QD02-0133-02 (parent: RA-QD02-0133.pdf)  RA-QD02-0134  RA-QD02-0136-01 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-02 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-07 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-13 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-14 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-16 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-18 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-18 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-18 (parent: RA-QD02-0136.pdf)  RA-QD02-0137  RA-QD02-0138  RA-QD02-0144  RA-QD02-0144  RA-QD02-0145  RA-QD02-0145  RA-QD02-0145  RA-QD02-0145  RA-QD02-0150	Tokyo Univ  Curation SG03g8  Curation SG03f8  Curation AuMU  Curation SG03g5  Curation SG03h2  Curation SG03h7  ESA ESTEC  Curation SG03h5  Curation SG03h5  Curation SG03h5  Curation SG03h3-4  NASA  Tokyo Univ  NASA  CONSUMED  Curation SG03i3  Curation SG03i8  Curation SG03i9	120515 120515 120515 120515 120515 120515 120515 120515 120515 120515 120515 120515	53 um 9 um 21 um 310 um 13 um 22 um 8 um 10 um 14 um 26 um 49 um 49 um 54 um 110 um 51 um	3 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ol,pl  pl  KCI  hpx,lpx,ol,pl,tr  hpx  ol  ol,pl  pl,ol  lpx,K-fld  ol,lpx,pl  ol,pl  lpx,ol  ol  ol,chm  ol	AO1_Mikouchi  - CO AO2_Cipriani - NASA AO1_Mikouchi NASA AO1_Nagao CU1_Uesugi
RA-QD02-0133-01 (parent: RA-QD02-0133.pdf)  RA-QD02-0133-02 (parent: RA-QD02-0133.pdf)  RA-QD02-0134  RA-QD02-0136-01 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-02 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-07 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-13 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-14 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-16 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-18 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-18 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-18 (parent: RA-QD02-0136.pdf)  RA-QD02-0137  RA-QD02-0138  RA-QD02-0144  RA-QD02-0144  RA-QD02-0149  RA-QD02-0150  RA-QD02-0151	Tokyo Univ  Curation SG03g8  Curation SG03f8  Curation AuMU  Curation SG03g5  Curation SG03h2  Curation SG03h7  ESA ESTEC  Curation SG03h5  Curation SG03h5  Curation SG03h3-4  NASA  Tokyo Univ  NASA  CONSUMED  Curation SG03i3  Curation SG03i9  NASA	120515 120515 120515 120515 120515 120515 120515 120515 120515 120515 120515 120515 120515 120515	53 um 9 um 21 um 310 um 13 um 22 um 8 um 10 um 14 um 26 um 49 um 54 um 110 um 51 um 29 um 87 um	3 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2	ol,pl  pl  KCI  hpx,lpx,ol,pl,tr  hpx  ol  ol,pl  pl,ol  lpx,K-fld  ol,lpx,pl  ol,pl  lpx,ol  ol  ol,chm  ol  ol,pl	AO1_Mikouchi  NASA AO1_Mikouchi NASA AO1_Nikouchi NASA CU1_Uesugi NASA
RA-QD02-0133-01 (parent: RA-QD02-0133.pdf )  RA-QD02-0133-02 (parent: RA-QD02-0133.pdf )  RA-QD02-0134  RA-QD02-0136-01 (parent: RA-QD02-0136.pdf )  RA-QD02-0136-02 (parent: RA-QD02-0136.pdf )  RA-QD02-0136-07 (parent: RA-QD02-0136.pdf )  RA-QD02-0136-13 (parent: RA-QD02-0136.pdf )  RA-QD02-0136-14 (parent: RA-QD02-0136.pdf )  RA-QD02-0136-16 (parent: RA-QD02-0136.pdf )  RA-QD02-0136-18 (parent: RA-QD02-0136.pdf )  RA-QD02-0136 (parent: RA-QD02-0136.pdf )  RA-QD02-0143 (parent: RA-QD02-0144)  RA-QD02-0149 (parent: RA-QD02-0150)  RA-QD02-0151 (parent: RA-QD02-0152)	Tokyo Univ  Curation SG03g8  Curation SG03f8  Curation AuMU  Curation SG03g5  Curation SG03h2  Curation SG03h7  ESA ESTEC  Curation SG03h3-4  NASA  Tokyo Univ  NASA  CONSUMED  Curation SG03i3  Curation SG03i9  NASA  Ibaraki Univ	120515 120515 120515 120515 120515 120515 120515 120515 120515 120515 120515 120515 120515	53 um 9 um 21 um 310 um 13 um 22 um 8 um 10 um 14 um 26 um 49 um 54 um 110 um 51 um 51 um 57 um 56 um	3 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ol,pl  pl  KCI  hpx,lpx,ol,pl,tr  hpx  ol  ol,pl  pl,ol  lpx,K-fld  ol,lpx,pl  ol,pl  lpx,ol  ol  ol,chm  ol  ol,pl  ol,chm  ol  ol,pl  ol,pl  ol,pl  ol,chm	AO1_Mikouchi  - CO AO2_Cipriani - NASA AO1_Mikouchi NASA AO1_Nagao CU1_Uesugi
RA-QD02-0133-01 (parent: RA-QD02-0133.pdf)  RA-QD02-0133-02 (parent: RA-QD02-0133.pdf)  RA-QD02-0134  RA-QD02-0136-01 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-02 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-07 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-13 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-14 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-16 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-18 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-18 (parent: RA-QD02-0136.pdf)  RA-QD02-0136-18 (parent: RA-QD02-0136.pdf)  RA-QD02-0136  RA-QD02-0143  RA-QD02-0144  RA-QD02-0149  RA-QD02-0150  RA-QD02-0150  RA-QD02-0153	Tokyo Univ  Curation SG03g8  Curation SG03f8  Curation AuMU  Curation SG03g5  Curation SG03h2  Curation SG03h7  ESA ESTEC  Curation SG03h3-4  NASA  Tokyo Univ  NASA  CONSUMED  Curation SG03i3  Curation SG03i8  Curation SG03i9  NASA  Ibaraki Univ  Curation SG07a6	120515 120515 120515 120515 120515 120515 120515 120515 120924 111212 120515 120515 120515 110515 110902	53 um 9 um 21 um 310 um 13 um 22 um 8 um 10 um 14 um 26 um 49 um 54 um 110 um 551 um 29 um 87 um 56 um 50 um	3 2 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1	ol,pl  pl  KCI  hpx,lpx,ol,pl,tr  hpx  ol,pl  pl,ol  lpx,K-fld  ol,lpx,pl  ol,pl  lpx,ol  ol  ol,chm  ol  ol,pl  ol,pl  ol,chm  ol  ol,pl  ol,pl	AO1_Mikouchi  CO AO2_Cipriani NASA AO1_Mikouchi NASA AO1_Nagao CU1_Uesugi NASA AO2_Noguchi - NASA
RA-QD02-0133-01 (parent: RA-QD02-0133.pdf )  RA-QD02-0133-02 (parent: RA-QD02-0133.pdf )  RA-QD02-0134  RA-QD02-0136-01 (parent: RA-QD02-0136.pdf )  RA-QD02-0136-02 (parent: RA-QD02-0136.pdf )  RA-QD02-0136-07 (parent: RA-QD02-0136.pdf )  RA-QD02-0136-13 (parent: RA-QD02-0136.pdf )  RA-QD02-0136-14 (parent: RA-QD02-0136.pdf )  RA-QD02-0136-16 (parent: RA-QD02-0136.pdf )  RA-QD02-0136-16 (parent: RA-QD02-0136.pdf )  RA-QD02-0136-18 (parent: RA-QD02-0136.pdf )  RA-QD02-0136-18 (parent: RA-QD02-0136.pdf )  RA-QD02-0136-18 (parent: RA-QD02-0136.pdf )  RA-QD02-0136-19 (parent: RA-QD02-0136.pdf )  RA-QD02-0144 (parent: RA-QD02-0144)  RA-QD02-0149 (parent: RA-QD02-0150)  RA-QD02-0150 (parent: RA-QD02-0153)  RA-QD02-0155	Tokyo Univ  Curation SG03g8  Curation SG03f8  Curation AuMU  Curation SG03g5  Curation SG03h2  Curation SG03h7  ESA ESTEC  Curation SG03h3-4  NASA  Tokyo Univ  NASA  CONSUMED  Curation SG03i3  Curation SG03i9  NASA  Ibaraki Univ	120515 120515 120515 120515 120515 120515 120515 120515 120515 120515 120515 120515 120515 120515	53 um 9 um 21 um 310 um 13 um 22 um 8 um 10 um 14 um 26 um 49 um 54 um 110 um 51 um 51 um 57 um 56 um	3 2 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1	ol,pl  pl  KCI  hpx,lpx,ol,pl,tr  hpx  ol  ol,pl  pl,ol  lpx,K-fld  ol,lpx,pl  ol,pl  lpx,ol  ol  ol,chm  ol  ol,pl  ol,chm  ol  ol,pl  ol,pl  ol,pl  ol,chm	AO1_Mikouchi  - CO AO2_Cipriani - NASA AO1_Mikouchi NASA AO1_Nagao CU1_Uesugi - NASA

14A-QD02-0100	fiber using acetone-soluble bond		' ' ' '	P.	<sup>VI, PI</sup>	ILOO I TIANKRIII INIA
RA-QD02-0157	Curation SG08a5	120515	38 um	2	pl,FeS	-
RA-QD02-0158	Manchester Univ		64 um	1	ol	AO1 Busemann
RA-QD02-0159	Curation SG08c4	120515	35 um	1	ol	-
RA-QD02-0160	CONSUMED		45 um	1	ol	AO1_Nagao
RA-QD02-0161	Curation SG08c8	120515	41 um	1	ol	-
RA-QD02-0162	Open Univ		59 um	1	lpx,ol	AO1_Grady
RA-QD02-0163	IPAG-PLANETO		30 um	1	hpx,ol,Al	AO1_England
RA-QD02-0164	Curation SG08e5		45 um	2	lpx,hpx,FeNi	-
RA-QD02-0165	Curation glov ebox2, attached to carbon		25 um	1	ol	AO1_Tsuchiyama
	fiber using acetone-soluble bond					710 1_10 doiniy dinid
RA-QD02-0166	Curation SG07a7	120106	54 um	4	Al	-
RA-QD02-0167	CONSUMED		47 um	1	ol	AO1_Fujiy a
RA-QD02-0168-1 (parent : RA-QD02-0168.pdf )	Curation SG08g4	120515	38 um	1	ol,pl	-
RA-QD02-0168-2 (parent : RA-QD02-0168.pdf )	Curation SG08g0	120515	26 um	1	ol	-
<u>RA-QD02-0169</u>	Hokkaido Univ	120515	44 um	1	ol	AO2_Yurimoto
RA-QD02-0170	Ibaraki Univ		38 um	1	ol	AO2_Noguchi
RA-QD02-0171	Curation SG08g2	120515	65 um	2	ol,hpx,FeNi	
<u>RA-QD02-0172</u>	Curation SG07a8	120106	35 um	4	SiO	-
<u>RA-QD02-0173</u>	Curation SG08g8	120515	62 um	1	lpx	-
<u>RA-QD02-0174</u>	CRPG-CNRS		54 um	1	ol	AO1_Fueri
RA-QD02-0175	Curation SG08k2	120515	43 um	1	pl,lpx	-
RA-QD02-0177	Curation SG08i1	120515	36 um	1	ol	-
<u>RA-QD02-0178</u>	Hokkaido Univ	120515	33 um	1	ol	AO2_Yurimoto
<u>RA-QD02-0179</u>	Toky o Univ		50 um	1	ol,pl	AO1_Mikouchi
RA-QD02-0180	Curation glovebox2, large FIB hole, pressed on In disk		55 um	3	CO,KCI,NaCI	PE
RA-QD02-0181	Curation SG05b6	120106	55 um	3	CNO,NaCI,KCI	-
RA-QD02-0182	Curation SG05b7	120106	46 um	3	CNO,NaCI,KCI	-
RA-QD02-0183	Curation SG05b4	120106	38 um	3	CNO,KCI,NaCI	-
RA-QD02-0184	JAXA	120106	128 um	2	ol,pl,FeNi	- CU1_Yada
RA-QD02-0184 RA-QD02-0185	JAXA NMNS	120106	128 um 49 um		ol,pl,FeNi ol	CU2
RA-QD02-0184	JAXA	120106	128 um 49 um 61 um		ol,pl,FeNi	_
RA-QD02-0184  RA-QD02-0185  RA-QD02-0187  RA-QD02-0188	JAXA  NMNS  Manchester Univ  NASA JSC	120106	128 um 49 um 61 um 175 um		ol,pl,FeNi ol ol ol,FeNi,tr	CU2 AO1_Busemann AO2_Nishiizumi
RA-QD02-0184  RA-QD02-0185  RA-QD02-0187  RA-QD02-0188  RA-QD02-0189	JAXA  NMNS  Manchester Univ  NASA JSC  JAXA		128 um 49 um 61 um 175 um	2 1 1 2 2	ol,pl,FeNi ol ol ol,FeNi,tr ol,pl,tr,FeNi	CU2 AO1_Busemann AO2_Nishiizumi CU1_Karouji
RA-QD02-0184  RA-QD02-0185  RA-QD02-0187  RA-QD02-0188  RA-QD02-0189  RA-QD02-0191	JAXA  NMNS  Manchester Univ  NASA JSC  JAXA  JAXA ICF70-V004-KA04	120522	128 um 49 um 61 um 175 um 54 um	2 1 1 2 2 1	ol,pl,FeNi ol ol,FeNi,tr ol,pl,tr,FeNi ol	CU2 AO1_Busemann AO2_Nishiizumi CU1_Karouji CU2
RA-QD02-0184  RA-QD02-0185  RA-QD02-0187  RA-QD02-0188  RA-QD02-0189  RA-QD02-0191  RA-QD02-0192	JAXA  NMNS  Manchester Univ  NASA JSC  JAXA  JAXA ICF70-V004-KA04  NASA	120522	128 um 49 um 61 um 175 um 54 um 55 um	2 1 1 2 2	ol,pl,FeNi ol ol,FeNi,tr ol,pl,tr,FeNi ol ol,pl,hpx,tr	CU2 AO1_Busemann AO2_Nishiizumi CU1_Karouji CU2 NASA
RA-QD02-0184  RA-QD02-0185  RA-QD02-0187  RA-QD02-0188  RA-QD02-0189  RA-QD02-0191	JAXA  NMNS  Manchester Univ  NASA JSC  JAXA  JAXA ICF70-V004-KA04	120522	128 um 49 um 61 um 175 um 54 um 55 um 46 um 48 um	2 1 1 2 2 1	ol,pl,FeNi ol ol,FeNi,tr ol,pl,tr,FeNi ol	CU2 AO1_Busemann AO2_Nishiizumi CU1_Karouji CU2
RA-QD02-0184  RA-QD02-0185  RA-QD02-0187  RA-QD02-0188  RA-QD02-0189  RA-QD02-0191  RA-QD02-0192	JAXA  NMNS  Manchester Univ  NASA JSC  JAXA  JAXA ICF70-V004-KA04  NASA	120522	128 um 49 um 61 um 175 um 54 um 55 um	2 1 1 2 2 1	ol,pl,FeNi ol ol,FeNi,tr ol,pl,tr,FeNi ol ol,pl,hpx,tr	CU2 AO1_Busemann AO2_Nishiizumi CU1_Karouji CU2 NASA
RA-QD02-0184  RA-QD02-0185  RA-QD02-0187  RA-QD02-0188  RA-QD02-0189  RA-QD02-0191  RA-QD02-0192  RA-QD02-0193	JAXA  NMNS  Manchester Univ  NASA JSC  JAXA  JAXA ICF70-V004-KA04  NASA  NASA	120522	128 um 49 um 61 um 175 um 54 um 55 um 46 um 48 um	2 1 1 2 2 1 2	ol,pl,FeNi ol ol,FeNi,tr ol,pl,tr,FeNi ol ol,pl,hpx,tr ol,hpx,pl	CU2 AO1_Busemann AO2_Nishiizumi CU1_Karouji CU2 NASA
RA-QD02-0184  RA-QD02-0185  RA-QD02-0187  RA-QD02-0188  RA-QD02-0189  RA-QD02-0191  RA-QD02-0192  RA-QD02-0193  RA-QD02-0194	JAXA  NMNS  Manchester Univ  NASA JSC  JAXA  JAXA ICF70-V004-KA04  NASA  NASA  Manchester Univ	120522 1111216 1111216	128 um 49 um 61 um 175 um 54 um 55 um 46 um 48 um 126 um	2 1 1 2 2 1 1 2 2 2 1 2 2 2 1 2 2 2 1 2 2 2 1 2 2 2 1 2 2 2 1 2	ol,pl,FeNi ol ol,FeNi,tr ol,pl,tr,FeNi ol ol,pl,hpx,tr ol,hpx,pl ol,tr	CU2 AO1_Busemann AO2_Nishiizumi CU1_Karouji CU2 NASA NASA AO2_Busemann
RA-QD02-0184  RA-QD02-0185  RA-QD02-0187  RA-QD02-0188  RA-QD02-0199  RA-QD02-0191  RA-QD02-0192  RA-QD02-0193  RA-QD02-0194  RA-QD02-0195	JAXA  NMNS  Manchester Univ  NASA JSC  JAXA  JAXA ICF70-V004-KA04  NASA  NASA  Manchester Univ  NASA	120522 1111216 1111216	128 um 49 um 61 um 175 um 54 um 55 um 46 um 48 um 126 um 83 um	2 1 1 2 2 1 1 2 2 1 2 2 2 2 2 2 2 2 2 2	ol,pl,FeNi ol ol,FeNi,tr ol,pl,tr,FeNi ol ol,pl,hpx,tr ol,hpx,pl ol,tr	CU2 AO1_Busemann AO2_Nishiizumi CU1_Karouji CU2 NASA NASA AO2_Busemann NASA2
RA-QD02-0184  RA-QD02-0185  RA-QD02-0187  RA-QD02-0188  RA-QD02-0189  RA-QD02-0191  RA-QD02-0192  RA-QD02-0193  RA-QD02-0194  RA-QD02-0195  RA-QD02-0196	JAXA  NMNS  Manchester Univ  NASA JSC  JAXA  JAXA ICF70-V004-KA04  NASA  NASA  Manchester Univ  NASA  Curation glov ebox 2, PS	120522 1111216 111216 120515	128 um 49 um 61 um 175 um 54 um 55 um 46 um 48 um 126 um 83 um 69 um	2 1 1 2 2 1 1 2 2 1 2 2 2 2 2 2 2 2 2 2	ol,pl,FeNi ol ol,FeNi,tr ol,pl,tr,FeNi ol ol,pl,hpx,tr ol,hpx,pl ol,tr ol,tr	CU2 AO1_Busemann AO2_Nishiizumi CU1_Karouji CU2 NASA NASA AO2_Busemann NASA2 AO1_Kita
RA-QD02-0184  RA-QD02-0185  RA-QD02-0187  RA-QD02-0188  RA-QD02-0189  RA-QD02-0191  RA-QD02-0192  RA-QD02-0193  RA-QD02-0194  RA-QD02-0195  RA-QD02-0196  RA-QD02-0197	JAXA  NMNS  Manchester Univ  NASA JSC  JAXA  JAXA ICF70-V004-KA04  NASA  NASA  Manchester Univ  NASA  Curation glov ebox2, PS  Manchester Univ	120522 1111216 111216 120515	128 um 49 um 61 um 175 um 54 um 55 um 46 um 48 um 126 um 83 um 69 um 59 um	2 1 1 2 1 2 2 1 2 2 1 1 1 1 1 1 1 1 1 1	ol,pl,FeNi ol ol,FeNi,tr ol,pl,tr,FeNi ol ol,pl,hpx,tr ol,hpx,pl ol,tr ol,tr ol,tr	CU2 AO1_Busemann AO2_Nishiizumi CU1_Karouji CU2 NASA NASA NASA AO2_Busemann NASA2 AO1_Kita AO1_Busemann
RA-QD02-0184  RA-QD02-0185  RA-QD02-0187  RA-QD02-0188  RA-QD02-0189  RA-QD02-0191  RA-QD02-0192  RA-QD02-0193  RA-QD02-0194  RA-QD02-0196  RA-QD02-0197  RA-QD02-0199	JAXA  NMNS  Manchester Univ  NASA JSC  JAXA  JAXA ICF70-V004-KA04  NASA  NASA  Manchester Univ  NASA  Curation glovebox2, PS  Manchester Univ  CONSUMED	120522 1111216 111216 120515	128 um 49 um 61 um 175 um 54 um 55 um 46 um 126 um 83 um 69 um 59 um 144 um	2 1 1 2 2 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 1 1 2 1	ol,pl,FeNi ol ol ol,FeNi,tr ol,pl,tr,FeNi ol ol,pl,hpx,tr ol,hpx,pl ol,tr ol,tr ol,tr ol ol,pl ol,pl	CU2 AO1_Busemann AO2_Nishiizumi CU1_Karouji CU2 NASA NASA AO2_Busemann NASA2 AO1_Kita AO1_Busemann AO2_Park
RA-QD02-0184  RA-QD02-0185  RA-QD02-0187  RA-QD02-0188  RA-QD02-0191  RA-QD02-0192  RA-QD02-0193  RA-QD02-0195  RA-QD02-0196  RA-QD02-0197  RA-QD02-0199  RA-QD02-0200  RA-QD02-0201  RA-QD02-0201  RA-QD02-0202-1  (parent : RA-QD02-0202-pdf )	JAXA  NMNS  Manchester Univ  NASA JSC  JAXA  JAXA ICF70-V004-KA04  NASA  NASA  Manchester Univ  NASA  Curation glov ebox2, PS  Manchester Univ  CONSUMED  JAXA	120522 1111216 1111216 1120515 120807	128 um 49 um 61 um 55 um 55 um 46 um 48 um 126 um 83 um 69 um 144 um 88 um	2 1 1 2 2 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 1 1 2 1	ol,pl,FeNi ol ol ol,FeNi,tr ol,pl,tr,FeNi ol ol,pl,hpx,tr ol,hpx,pl ol,tr ol,tr ol,tr ol,pl ol,pl ol,pl ol,pl	CU2 AO1_Busemann AO2_Nishiizumi CU1_Karouji CU2 NASA NASA AO2_Busemann NASA2 AO1_Kita AO1_Busemann AO2_Park CU1_Karouji
RA-QD02-0184  RA-QD02-0185  RA-QD02-0187  RA-QD02-0188  RA-QD02-0189  RA-QD02-0191  RA-QD02-0192  RA-QD02-0193  RA-QD02-0195  RA-QD02-0196  RA-QD02-0197  RA-QD02-0199  RA-QD02-0200  RA-QD02-0201  RA-QD02-0201	JAXA  NMNS  Manchester Univ  NASA JSC  JAXA  JAXA ICF70-V004-KA04  NASA  NASA  Manchester Univ  NASA  Curation glovebox2, PS  Manchester Univ  CONSUMED  JAXA  NASA	120522 111216 111216 120515 120807	128 um 49 um 61 um 175 um 55 um 46 um 48 um 126 um 83 um 69 um 59 um 144 um 88 um 58 um	2 1 1 2 2 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 1 1 2 1	ol,pl,FeNi ol ol ol,FeNi,tr ol,pl,tr,FeNi ol ol,pl,hpx,tr ol,hpx,pl ol,tr ol,tr ol ol,pl	CU2 AO1_Busemann AO2_Nishiizumi CU1_Karouji CU2 NASA NASA AO2_Busemann NASA2 AO1_Kita AO1_Busemann AO2_Park CU1_Karouji NASA
RA-QD02-0184  RA-QD02-0185  RA-QD02-0187  RA-QD02-0188  RA-QD02-0199  RA-QD02-0191  RA-QD02-0192  RA-QD02-0194  RA-QD02-0195  RA-QD02-0196  RA-QD02-0197  RA-QD02-0199  RA-QD02-0200  RA-QD02-0201  RA-QD02-0201  RA-QD02-0202-1  (parent: RA-QD02-0202-pdf)	JAXA  NMNS  Manchester Univ  NASA JSC  JAXA  JAXA ICF70-V004-KA04  NASA  NASA  Manchester Univ  NASA  Curation glov ebox2, PS  Manchester Univ  CONSUMED  JAXA  NASA  NASA	120522 111216 111216 120515 120807 111209	128 um 49 um 61 um 175 um 54 um 55 um 46 um 126 um 83 um 69 um 144 um 188 um 59 um 59 um 59 um 59 um	2 1 1 2 2 1 2 2 1 1 2 2 1 1 1 1 1 1 1 1	ol,pl,FeNi ol ol ol,FeNi,tr ol,pl,tr,FeNi ol ol,pl,hpx,tr ol,hpx,pl ol,tr ol,tr ol ol,pl	CU2 AO1_Busemann AO2_Nishiizumi CU1_Karouji CU2 NASA NASA AO2_Busemann NASA2 AO1_Kita AO1_Busemann AO2_Park CU1_Karouji NASA
RA-QD02-0184  RA-QD02-0185  RA-QD02-0187  RA-QD02-0188  RA-QD02-0189  RA-QD02-0191  RA-QD02-0192  RA-QD02-0193  RA-QD02-0195  RA-QD02-0196  RA-QD02-0197  RA-QD02-0199  RA-QD02-0200  RA-QD02-0201  RA-QD02-0201  RA-QD02-0202-1  (parent: RA-QD02-0202-pdf)	JAXA  NMNS  Manchester Univ  NASA JSC  JAXA  JAXA ICF70-V004-KA04  NASA  NASA  Manchester Univ  NASA  Curation glovebox2, PS  Manchester Univ  CONSUMED  JAXA  NASA  NASA  Curation SG09d3	120522 111216 111216 1120515 120807 111209 111214 120515	128 um 49 um 61 um 175 um 54 um 55 um 46 um 48 um 126 um 69 um 59 um 144 um 88 um 58 um 56 um 28 um	2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 1 1 1 1 1	ol,pl,FeNi ol ol ol,FeNi,tr ol,pl,tr,FeNi ol ol,pl,hpx,tr ol,hpx,pl ol,tr ol,tr ol ol,pl	CU2 AO1_Busemann AO2_Nishiizumi CU1_Karouji CU2 NASA NASA AO2_Busemann NASA2 AO1_Kita AO1_Busemann AO2_Park CU1_Karouji NASA NASA
RA-QD02-0184  RA-QD02-0185  RA-QD02-0187  RA-QD02-0188  RA-QD02-0191  RA-QD02-0192  RA-QD02-0193  RA-QD02-0195  RA-QD02-0196  RA-QD02-0197  RA-QD02-0199  RA-QD02-0200  RA-QD02-0201  RA-QD02-0201  RA-QD02-0202-1  (parent: RA-QD02-0202.pdf )  RA-QD02-0203	JAXA  NMNS  Manchester Univ  NASA JSC  JAXA  JAXA ICF70-V004-KA04  NASA  NASA  Manchester Univ  NASA  Curation glov ebox2, PS  Manchester Univ  CONSUMED  JAXA  NASA  NASA  Curation SG09d3  JAXA  Tohoku Univ  Curation SG13d3	120522 111216 111216 120515 120807 111209 111214 120515 120515 120216	128 um 49 um 61 um 55 um 54 um 55 um 46 um 48 um 126 um 83 um 69 um 59 um 144 um 58 um	2 1 1 2 1 2 1 1 2 2 1 1 1 1 1 1 1 1 1 1	ol,pl,FeNi ol ol ol,FeNi,tr ol,pl,tr,FeNi ol ol,pl,hpx,tr ol,hpx,pl ol,tr ol,tr ol,pl	CU2 AO1_Busemann AO2_Nishiizumi CU1_Karouji CU2 NASA NASA AO2_Busemann NASA2 AO1_Kita AO1_Busemann AO2_Park CU1_Karouji NASA NASA  CU1_Karouji NASA  CU1_Uesugi
RA-QD02-0184  RA-QD02-0185  RA-QD02-0187  RA-QD02-0188  RA-QD02-0199  RA-QD02-0191  RA-QD02-0194  RA-QD02-0195  RA-QD02-0196  RA-QD02-0197  RA-QD02-0199  RA-QD02-0200	JAXA  NMNS  Manchester Univ  NASA JSC  JAXA  JAXA ICF70-V004-KA04  NASA  NASA  Manchester Univ  NASA  Curation glov ebox2, PS  Manchester Univ  CONSUMED  JAXA  NASA  NASA  Curation SG09d3  JAXA  Tohoku Univ	120522 111216 111216 120515 120807 111209 111214 120515 120515 120216 120515	128 um 49 um 61 um 175 um 55 um 46 um 48 um 126 um 83 um 69 um 59 um 144 um 58 um 56 um 28 um 28 um 28 um	2 1 1 2 1 2 1 1 2 2 1 1 1 1 1 1 1 1 1 1	ol,pl,FeNi ol ol ol,FeNi,tr ol,pl,tr,FeNi ol ol,pl,hpx,tr ol,hpx,pl ol,tr ol,tr ol ol,pl	CU2 AO1_Busemann AO2_Nishiizumi CU1_Karouji CU2 NASA NASA AO2_Busemann NASA2 AO1_Kita AO1_Busemann AO2_Park CU1_Karouji NASA NASA  CU1_Karouji NASA  CU1_Uesugi
RA-QD02-0184  RA-QD02-0185  RA-QD02-0187  RA-QD02-0188  RA-QD02-0199  RA-QD02-0191  RA-QD02-0192  RA-QD02-0194  RA-QD02-0195  RA-QD02-0196  RA-QD02-0197  RA-QD02-0199  RA-QD02-0200  RA-QD02-0201  (parent: RA-QD02-0202-pdf)  RA-QD02-0203  RA-QD02-0204  RA-QD02-0205  RA-QD02-0206  RA-QD02-0206  RA-QD02-0206  RA-QD02-0207	JAXA  NMNS  Manchester Univ  NASA JSC  JAXA  JAXA ICF70-V004-KA04  NASA  NASA  Manchester Univ  NASA  Curation glov ebox2, PS  Manchester Univ  CONSUMED  JAXA  NASA  Curation SG09d3  JAXA  Tohoku Univ  Curation SG09d5  Curation SG09d5  Curation SG13d1	120522 111216 111216 120515 120807 111209 111214 120515 120515 120216	128 um 49 um 61 um 175 um 55 um 46 um 48 um 126 um 83 um 69 um 59 um 144 um 58 um 58 um 59 um 28 um 55 um	2	ol,pl,FeNi ol ol ol,FeNi,tr ol,pl,tr,FeNi ol ol,pl,hpx,tr ol,hpx,pl ol,tr ol,tr ol ol,pl	CU2 AO1_Busemann AO2_Nishiizumi CU1_Karouji CU2 NASA NASA AO2_Busemann NASA2 AO1_Kita AO1_Busemann AO2_Park CU1_Karouji NASA
RA-QD02-0184  RA-QD02-0185  RA-QD02-0187  RA-QD02-0188  RA-QD02-0199  RA-QD02-0191  RA-QD02-0192  RA-QD02-0194  RA-QD02-0195  RA-QD02-0196  RA-QD02-0197  RA-QD02-0197  RA-QD02-0200  RA-QD02-0200	JAXA  NMNS  Manchester Univ  NASA JSC  JAXA  JAXA ICF70-V004-KA04  NASA  NASA  Manchester Univ  NASA  Curation glov ebox2, PS  Manchester Univ  CONSUMED  JAXA  NASA  Curation SG09d3  JAXA  Tohoku Univ  Curation SG13d3  Curation SG13d1  BROKEN	120522 111216 111216 120515 120807 111209 111214 120515 120515 120216 120515	128 um 49 um 61 um 175 um 55 um 46 um 48 um 126 um 83 um 69 um 59 um 144 um 58 um 56 um 28 um 28 um 28 um	2	ol,pl,FeNi ol ol ol,FeNi,tr ol,pl,tr,FeNi ol ol,pl,hpx,tr ol,hpx,pl ol,tr ol,tr ol ol,pl	CU2 AO1_Busemann AO2_Nishiizumi CU1_Karouji CU2 NASA NASA AO2_Busemann NASA2 AO1_Kita AO1_Busemann AO2_Park CU1_Karouji NASA NASA  CU1_Karouji NASA  CU1_Karouji
RA-QD02-0184  RA-QD02-0185  RA-QD02-0187  RA-QD02-0188  RA-QD02-0199  RA-QD02-0191  RA-QD02-0192  RA-QD02-0194  RA-QD02-0195  RA-QD02-0196  RA-QD02-0197  RA-QD02-0199  RA-QD02-0200  RA-QD02-0200  RA-QD02-0200  RA-QD02-0201  RA-QD02-0202-2 ((parent: RA-QD02-0202-2 ((parent: RA-QD02-0203) RA-QD02-0204)  RA-QD02-0206  RA-QD02-0206  RA-QD02-0206  RA-QD02-0206  RA-QD02-0207	JAXA  NMNS  Manchester Univ  NASA JSC  JAXA  JAXA ICF70-V004-KA04  NASA  NASA  Manchester Univ  NASA  Curation glov ebox2, PS  Manchester Univ  CONSUMED  JAXA  NASA  Curation SG09d3  JAXA  Tohoku Univ  Curation SG09d5  Curation SG09d5  Curation SG13d1	120522 111216 111216 120515 120807 111209 111214 120515 120515 120216 120515	128 um 49 um 61 um 175 um 55 um 46 um 48 um 126 um 83 um 69 um 59 um 144 um 58 um 58 um 59 um 28 um 55 um	2	ol,pl,FeNi ol ol ol,FeNi,tr ol,pl,tr,FeNi ol ol,pl,hpx,tr ol,hpx,pl ol,tr ol,tr ol ol,pl	CU2 AO1_Busemann AO2_Nishiizumi CU1_Karouji CU2 NASA NASA AO2_Busemann NASA2 AO1_Kita AO1_Busemann AO2_Park CU1_Karouji NASA

(parent : <u>RA-QD02-0208.pdf</u> )	fiber using acetone-soluble bond	120020	<sup>u</sup> '''		Joi,(Oa,Oi)	//
RA-QD02-0209	CONSUMED		50 um	1	ol	AO1_Fujiy a
RA-QD02-0210	Curation SG09e5	120515	37 um	2	ol,(Mg,Ca,Na)	СО
RA-QD02-0211	NASA		41 um	2	ol,tr	AO1_Keller
RA-QD02-0212	Curation SG07a9	120106	58 um	4	SiO	-
<u>RA-QD02-0213</u>	CRPG-CNRS		54 um	1	ol	AO1_Fueri
RA-QD02-0214	Curation glov ebox2, attached to carbon fiber using acetone-soluble bond		36 um	2	hpx,tr	AO1_Nakamura
RA-QD02-0215	NASA	120924	31 um	1	ol	NASA2
RA-QD02-0216	NASA	120824	38 um	1	ol,Al	NASA
RA-QD02-0217	Curation SG07b0	120106	50 um	4	AI,CFO	-
RA-QD02-0218	Curation SG07b1	120106	57 um	4	AI	-
RA-QD02-0219	Curation SG09f1	120515	35 um	1	ol	CU1 uesugi
RA-QD02-0220	Curation SG07c2	120106	67 um	4	AI	-
RA-QD02-0221	Curation SG10b3	120515	21 um	1	hpx	-
RA-QD02-0222	Curation SG05b9	120106	121 um	3	(C,O),lpx	-
RA-QD02-0223	Curation glovebox2, attached to carbon fiber using acetone-soluble bond	120920	54 um	1	lpx,Fe	AO1_Tsuchiy ama
RA-QD02-0224	Curation SG10a2	120515	35 um	1	ol	-
RA-QD02-0225	Curation SG07c3	120106	42 um	4	AI	-
RA-QD02-0226	Curation SG10a1	120515	39 um	1	ol	CU1 uesugi
RA-QD02-0227	Curation SG07b2	120106	62 um	4	AI	-
RA-QD02-0228	Curation SG10a3	120515	32 um	2	hpx,ol,pl,(Mg,Na,Ca)	CO
RA-QD02-0229	Curation SG10a4	120515	20 um	1	pl,ol	
<u>IXA-QD02-0229</u>		120313	ZO UIII	<u>                                     </u>	[pi,oi	
RA-QD02-0232	Curation glovebox2, attached to carbon fiber using acetone-soluble bond	120920	38 um	1	pl,lpx	AO1_Nakamura
RA-QD02-0233	Curation SG07b3	120106	19 um	4	Al	-
RA-QD02-0234	Curation SG09f5	120515	37 um	1	ol,lpx	-
<u>RA-QD02-0235</u>	Manchester Univ	120213	80 um	2	ol,pl,tr	AO2_Busemann
<u>RA-QD02-0236</u>	JAXA		55 um	1	lpx,ol	CU1_Yada
RA-QD02-0237	Curation SG13a2	120124	38 um	1	lpx,hpx	-
RA-QD02-0238	Curation SG13a3	120124	52 um	1	ol,pl	-
RA-QD02-0239	Curation SG13a4	120125	56 um	2	lpx,tr	-
RA-QD02-0240	Curation SG13b0		61 um	1	ol,Al	-
<u>RA-QD02-0241</u>	Manchester Univ		80 um	2	lpx,tr,Fe	AO2_Busemann
<u>RA-QD02-0242</u>	Tohoku Univ	120125	63 um	1	ol,pl	AO2_Nakamura
<u>RA-QD02-0243</u>	Ibaraki Univ		63 um	2	ol,lpx,tr	AO2_Noguchi
RA-QD02-0244	Ibaraki Univ		51 um	2	ol,lpx,tr	AO2_Noguchi
RA-QD02-0245	JAXA		40 um	2	tr,ol,lpx	CO
RA-QD02-0246-01 (parent : RA-QD02-0246.pdf_)	Curation SG13e3	120229	24 um	1	ol	-
RA-QD02-0246-02 (parent : RA-QD02-0246.pdf )	Tohoku Univ	120229	26 um	1	pl	AO2_Gucsik
<u>RA-QD02-0247</u>	Tohoku Univ		60 um	1	lpx,K-fld	AO2_Nakamura
<u>RA-QD02-0248</u>	NASA	120229	148 um	2	ol,hpx,pl,tr	NASA2
RA-QD02-0249	Curation SG10b5	120622	25 um	1	ol	-
RA-QD02-0250	Curation SG10b2		77 um	1	lpx	CU1_Karouji
RA-QD02-0251	Curation SG10b0	120622	35 um	1	ol,pl,hpx	-
RA-QD02-0252	Curation SG10b4	120622	30 um	1	ol,lpx	-
RA-QD02-0253	Curation SG10b1	120622	36 um	1	ol	-
RA-QD02-0254	Curation SG10c1		59 um	1	lpx,Al	-
RA-QD02-0255	Curation SG07c1	120622	186 um	4	AI	-
	Curation SG10c5	120806	44 um	2	ol,pl,tr	-
RA-QD02-0257	Curation 30 1003		30 um	1	ol,hpx	-
RA-QD02-0257 RA-QD02-0258	Curation SG10d1	120806	llao miii i			
		120806 120806	72 um	1	pl,ol	-
RA-QD02-0258	Curation SG10d1			1	pl,ol ol,hpx	-
RA-QD02-0258 RA-QD02-0259	Curation SG10d1 Curation SG10c4	120806	72 um			-
RA-QD02-0258 RA-QD02-0259 RA-QD02-0260	Curation SG10d1  Curation SG10c4  Curation SG10c2	120806 120806	72 um 39 um	1	ol,hpx	-
RA-QD02-0258 RA-QD02-0259 RA-QD02-0260 RA-QD02-0261	Curation SG10d1  Curation SG10c4  Curation SG10c2  Curation SG10c3	120806 120806 120806	72 um 39 um 23 um	1 1 1	ol,hpx lpx	-

RA-QD02-0265	Univ. of Jena, Au plate, PS by FIB		24 um	2	[hpx,pl,ol,tr]	CU1_Yakame,CU1_Uesugi,EXTR
RB-CV-0001	CONSUMED	121016	67 um	1	ol,pl,lpx	AO2_Nagao
RB-CV-0002	CONSUMED		71 um	1	ol,K-fld	AO2_Park
RB-CV-0003	Tohoku Univ	121016	33.9 um	2	ol,tr	AO2_Tsuchiyama
RB-CV-0004	Curation SG12b0	121016	205 um	2	ol,pl,hpx,lpx,tr	-
RB-CV-0005	Curation SG05c6	121016	37 um	3	C,NaCl	-
RB-CV-0006	Curation SG05c7	121016	27.9 um	3	(C,N,O),C	-
RB-CV-0007	Curation SG05c8	121016	43.1 um	3	(C,N,O)	-
RB-CV-0008	Curation SG05c9	121016	56.1 um	3	(C,N,O)	-
<u>RB-CV-0009</u>	CONSUMED	121016	88.7 um	1	ol,hpx,lpx,pl	AO2_Nagao
<u>RB-CV-0010</u>	Tohoku Univ	121016	33.3 um	1	ol	AO2_Tsuchiy ama
RB-CV-0011	Curation SG11f1	121016	43.7 um	1	lpx	-
RB-CV-0012	Curation SG05d1	121016	73.2 um	3	(C,O),(C,N,O)	-
RB-CV-0013	NASA	121016	98.5 um	1	lpx,pl,hpx,ol	NASA2
RB-CV-0014	NASA	121016	98 um	2	ol,tr	NASA2
			45.5	_		
<u>RB-CV-0015</u>	NASA	121016	um	1	ol, pl	NASA2
RB-CV-0016	Curation SG11f3	121016	47.4 um	2	ol,tr	-
RB-CV-0017	Curation SG05d2	121016	51.7 um	3	(C,N,O),(C,O)	-
RB-CV-0018	Curation SG07c7	121016	88.5 um	4	AI,(C,O)	-
RB-CV-0019	Curation SG05d4	121016	32.6 um	3	C,(C,N,O)	-
RB-CV-0020	Curation SG05d9	121016	68.6 um	3	(C,O)	-
RB-CV-0021	Curation SG05h6	121016	49.3 um	3	СО	-
RB-CV-0022	CONSUMED		164 um	1	ol,Al	AO2_Nishiizumi
RB-CV-0023	Curation SG12b4	121106	52 um	1	ol,pl	-
RB-CV-0024	Curation SG12c1	121107	108 um	2	ol,lpx,pl,chm	-
RB-CV-0025	Tohoku Univ.		91 um	1	ol,pl,hpx,(Ca,Cl)	СО
RB-CV-0026	JAXA		88 um	1	ol	CU1_Yada
RB-CV-0027	Curation SG05d5	121107	59 um	3	(C,N,O)	-
RB-CV-0028	NASA	121107	76 um	1	pl,hpx,ol	NASA2
RB-CV-0029	Curation SG05e0	121108	86 um	3	(C,O),pl,NaCl	-
RB-CV-0030	Curation SG11f4	121107	34 um	1	lpx,pl,ol	-
RB-CV-0031	Curation SG05d6	121107	61 um	3	(C,N,O)	-
RB-CV-0032	Curation SG05d7	121107	59 um	3	(C,N,O)	-
RB-CV-0033	Curation SG11f5	121107	44 um	1	ol,pl	-
RB-CV-0034	Curation SG17a0	121107	49 um	1	lpx,pl	-
RB-CV-0035	Curation SG05d8	121107	25 um	3	(C,N,O),NaCl,hpx	-
RB-CV-0036	JAXA		58 um	1	ol,hpx	CU1_Yada
RB-CV-0037	Tohoku Univ	121107	52 um	2	ol,lpx,hpx,chm	AO2_Tsuchiyama
RB-CV-0038	Curation SG12c5	121107	52 um		ol,tr,hpx	-
RB-CV-0039	CONSUMED	121107	71 um		pl,ol,hpx	AO2_Nagao
RB-CV-0040	Curation SG12d1	121107	61 um		ol	-
RB-CV-0041	Curation SG05e1	121114	49 um		(C,O),(C,N,O),NaCl	-
	Curation SG07c8	=	-		AI	<u>                                     </u>
RB-CV-0042		121115	56 um	1		
RB-CV-0043	BROKEN		20 um	4	ol,lpx,(Ca)	CO CIM Vada
RB-CV-0044	JAXA	404	85 um	1	ol	CU1_Yada
RB-CV-0045	Tohoku Univ	12114	26 um	1	ol	AO2_Tsuchiy ama
RB-CV-0046	Curation SG07c9	121115	71 um	4	Al,ol	-
RB-CV-0048	Curation SG07d0	121115	77 um	4	Al	-

RB-CV-0049	Curation SG05e5	121115	37 um	3	(C,N,O)	_
RB-CV-0050	Curation SG12d3	121114	61 um		ol	_
RB-CV-0051	CONSUMED	121114		2	hpx,pl,chm	AO2_Park
RB-CV-0052	Curation SG05e2	121115	40 um	3	(C,O),CI	-
RB-CV-0053	Curation SG17a3	121114	23 um	1	ol ol	CU1_uesugi
RB-CV-0054	Curation SG07d1	121115	82 um	4	Al	-
RB-CV-0055	Curation SG05e3	121115	45 um	3	(C,N,O),Al	_
			113			
RB-CV-0056	Curation SG07d4	121115	um	4	Al	-
RB-CV-0057	Curation SG07d2	121115	74 um		Al	-
<u>RB-CV-0059</u>	Curation SG07d3	121115	=		Al	-
RB-CV-0060	Curation SG17a4	121114	33 um	1	ol	-
RB-CV-0062	Curation SG17a5	121129	25 um	1	ol,pl	-
<u>RB-CV-0063</u>	Curation SG12e0		78 um	2	ol,tr,Al	-
<u>RB-CV-0064</u>	Curation SG17b0	121129	35 um	1	ol,hpx,pl	-
<u>RB-CV-0065</u>	Curation SG05e6	121205	33 um	3	(C,N,O)	-
<u>RB-CV-0066</u>	Curation SG05e7	121205	29 um	3	(C,N,O),NaCl	-
<u>RB-CV-0067</u>	Curation SG07d5	121204	61 um	4	(Si,O)	-
RB-CV-0068	Curation SG05f2	121205	55 um	3	(C,N,O),ol	-
<u>RB-CV-0069</u>	Curation SG17b1	121129	29 um	1	ol,pl	-
<u>RB-CV-0070</u>	Curation SG07e0	-	72 um	4	(Fe,Cr,Ni)	-
RB-CV-0071	Curation SG17b2	121129	30 um	1	ol	-
RB-CV-0072	Curation SG07d6	121204	87 um	4	AI,(C,O)	-
RB-CV-0073	Curation SG07d7	121205	73 um	4	Al	-
RB-CV-0074	Curation SG05f3	121205	26 um	3	(C,N,O),NaCl,Al	-
RB-CV-0075	Curation SG07d8	121204	63 um	4	(Si,O)	-
RB-CV-0076	Curation SG17b3	121129	40 um	1	ol	-
RB-CV-0077	Curation SG05e8	121205	100	3	(C,N,O)	-
RB-CV-0078	Curation SG05f1	121205	208	3	(C,O)	-
			um			
<u>RB-CV-0079</u>	Curation SG05f0	121205	68 um	3	(C,N,O),AI,K,Si	-
RB-CV-0080	Curation SG05e9	121205	83 um	3	(C,N,O),(C,O),AI,K,Si	-
RB-CV-0081	Curation SG12e2		53.72 um	2	ol,FeS	-
RB-CV-0082	Curation SG12e3		107.42 um	1	pl, hpx, K-fld	-
<u>RB-CV-0083</u>	Curation SG12e4		93.66 um	1	lpx,ol,pl,Al	-
<u>RB-CV-0084</u>	Curation SG12e5		56.02 um	1	ol,lpx	-
<u>RB-CV-0085</u>	Curation SG12f0		72.97 um	1	ol	-
<u>RB-CV-0086</u>	Curation SG12f1		49.26 um	1	ol, Ca	-
<u>RB-CV-0087</u>	Curation SG12f2		48.61 um	2	lpx,FeS, FeNi	-
<u>RB-CV-0088</u>	Curation SG12f3		49.17 um	1	lpx	-
<u>RB-CV-0089</u>	Curation SG12f4		86.16 um	1	lpx,ol	-
<u>RB-CV-0090</u>	Curation SG17b4		34.33 um	1	ol	-
<u>RB-CV-0091</u>	Curation SG17b5		29.88 um	2	ol,chm	-
RB-CV-0092	Curation SG17c0		33.33 um	1	ol	-
RB-CV-0093	Curation SG17c1		41.26 um	1	ol	-
RB-CV-0094	Curation SG17c2		17.96 um	1	ol	-
RB-CV-0095	Curation SG17c3		41.31 um	1	ol	-
RB-CV-0096	Curation SG17c4		23.73 um	2	ol, hpx, FeS	-
<u>RB-CV-0097</u>	Curation SG17c5		19.74 um	1	ol	-

RB-CV-0098	Curation SG17d4	21.14 um	2	lpx,ol,pl,FeS	-
RB-CV-0099	Curation SG17d5	26.38 um	1	lpx,hpx	-
RB-CV-0100	Curation SG17e0	20.48 um	1	ol	-
<u>RB-CV-0101</u>	Curation SG17e1	21.4 um	2	ol,pl,FeNi	-
RB-CV-0102	Curation SG17e2	26.28 um	1	ol,pl	-
RB-CV-0103	Curation SG17e3	25.22 um	1	ol	-
RB-CV-0104	Curation SG17e5	21.99 um	1	lpx,ol	-
RB-CV-0105	Curation SG17f0	18.90 um	1	lpx	-
RB-CV-0106	Curation SG17f1	26.01 um	2	ol,FeS	-
RB-CV-0107	Curation SG17f2	24.17 um	1	pl	-
RB-CV-0108	Curation SG17f3	26.07 um	2	ol,FeCr	-
RB-CV-0109	Curation SG17f4	28.42 um	1	ol	-
RB-CV-0110	Curation SG17f5	18.72 um	1	ol	-
RB-CV-0111	Curation SG18a1	29.12 um	1	lpx, hpx	-
RB-CV-0112	Curation SG18a2	27.79 um	1	lpx	-
RB-CV-0113	Curation SG18a3	27.83 um	1	ol	-
RB-CV-0114	Curation SG18a4	24.57 um	1	ol	-
<u>RB-CV-0115</u>	Curation SG18b1	20.83 um	1	lpx	-
<u>RB-CV-0116</u>	Curation SG18a0	28.24 um	2	ol,lpx,FeS	-
RB-CV-0117	Curation SG18b2	25.76 um	1	ol,pl	-
RB-CV-0118	Curation SG18b3	21.44 um	1	ol,pl	-
RB-CV-0119	Curation SG18b4	24.33 um	2	ol,lpx,FeS	-
RB-CV-0120	Curation SG18b5	27.40 um	1	ol	-
RB-CV-0121	Curation SG18c0	26.45 um	2	ol,lpx,FeS	-
RB-CV-0122	Curation SG18c1	25.24 um	1	pl	-
RB-CV-0123	Curation SG18c2	19.43 um	1	ol	-
RB-CV-0124	Curation SG18c3	23.77 um	1	hpx,pl	-
RB-CV-0125	Curation SG18c4	27.07 um	1	ol	-
RB-CV-0126	Curation SG18c5	15.96 um	1	ol,pl	-
RB-CV-0127	Curation SG18d2	19.44 um	2	FeNi,FeCr,pl	со
RB-CV-0128	Curation SG18d3	47.75 um	2	ol,lpx, hpx,pl,Fe,FeS	со
RB-CV-0129	Curation SG18b0	23.47 um	1	hpx	-
RB-CV-0132	Curation SG07e5	50 um	4	AI,O	-
RB-CV-0133	Curation SG18d4	30.7 um	1	ol	-
RB-CV-0134	Curation SG18e0	43.2 um	1	ol,lpx	-
RB-CV-0135	Curation SG18e1	27.25 um	1	ol	-
RB-CV-0136	Curation SG18e2	29.13 um	2	ol,hpx,FeS	-

RB-CV-0138	Curation SG18e4	17.6	1	ol	
		um 15.0			-
<u>RB-CV-0139</u>	Curation SG18e5	um	1	ol	-
RB-CV-0140	Curation SG18f0	20.7 um	1	ol	-
<u>RB-CV-0141</u>	Curation SG18f1	16.1 um	1	ol,lpx	-
<u>RB-CV-0142</u>	Curation SG18f2	17.7 um	1	ol	-
RB-CV-0143	Curation SG18f3	14.7 um	1	ol	-
RB-CV-0144	Curation SG18f4	20.88 um	1	lpx,hpx,pl	-
<u>RB-CV-0145</u>	Curation SG18f5	13.9 um	1	ol,lpx,pl	-
<u>RB-CV-0146</u>	Curation SG19a0	14.8 um	1	ol,lpx,hpx	-
<u>RB-CV-0147</u>	Curation SG19a1	22.3 um	1	lpx,ol,Al	-
RB-CV-0148	Curation SG19a2	21.2 um	1	ol	-
RB-CV-0149	Curation SG19a3	23.9 um	1	lpx	-
RB-CV-0150	Curation SG19a5	21.19 um	1	ol,lpx	-
<u>RB-CV-0151</u>	Curation SG19b1	23.36 um	1	ol	-
RB-CV-0152	Curation SG19b2	11.56 um	1	ol	-
RB-CV-0153-01 (parent : <u>RB-CV-0153.pdf</u> )	Curation SG19b3	18.58 um	1	ol	-
RB-CV-0153-02 (parent : RB-CV-0153.pdf )	Curation SG19b4	26.8 um	1	ol	-
RB-CV-0155	Curation SG19b5	15.58 um	1	ol	-
RB-CV-0156	Curation SG19c0	26.33 um	1	ol	-
RB-CV-0157	Curation SG19c1	21.5 um	2	Fe,Cr,Al,O	со
RB-CV-0158	Curation SG19c2	23.39 um	1	ol	-
<u>RB-CV-0159</u>	Curation SG19c2	12.15 um	2	ol,FeNi	-
<u>RB-CV-0160</u>	Curation SG19c4	18.48 um	1	ol	-
<u>RB-CV-0161</u>	Curation SG19c5	15.12 um	1	ol	-
RB-CV-0162	Curation SG19d0	18.11 um	1	ol	-
RB-CV-0163-01 (parent : <u>RB-CV-0163.pdf</u> )	Curation SG19d1	29.92 um	1	ol	-
RB-CV-0163-02 (parent : RB-CV-0163.pdf )	Curation SG19d3	44.16 um	1	ol	-
RB-CV-0165-01 (parent : RB-CV-0165.pdf )	Curation SG19d4	22.38 um	1	ol	-
RB-CV-0165-02 (parent : <u>RB-CV-0165.pdf</u> )	Curation SG19e0	22.98 um	1	ol,pl	-
RB-CV-0167	Curation SG19e1	15.33 um	1	ol	-
RB-CV-0168	Curation SG19e2	17.68 um	1	pl	-
RB-CV-0169	Curation SG19e3	19.4 um	1	ol	-
RB-CV-0170-01 (parent : RB-CV-0170.pdf )	Curation SG19e4	13.2 um	1	Ірх	-
RB-CV-0171	Curation SG19e5	17.4 um	1	pl	-
RB-CV-0172	Curation SG19f0	19.4 um	1	lpx,ol	-
RB-CV-0173	Curation SG19f1	19.8 um	2	lpx,Fe	-
		10 5	$\overline{}$		

<u>RB-CV-0174</u>	Curation SG19f2	um	1	ol	-
RB-CV-0175	Curation SG19f3	12.9 um	1	lpx	-
RB-CV-0176	Curation SG19f4	11.9 um	1	ol	-
RB-CV-0177	Curation SG19f5	18.9 um	1	ol	-
RB-CV-0179	Curation SG20a0	22.5 um	1	ol,lpx	-
RB-CV-0180	Curation SG20a1	19.6 um	1	ol	-
RB-CV-0181	Curation SG20a2	22.5 um	1	lpx	-
RB-CV-0182	Curation SG20a3	14.9 um	1	hpx	-
RB-CV-0183	Curation SG20a4	18.4 um	1	ol	-
RB-CV-0184	Curation SG20a5	24.2 um	1	ol,Al	-
RB-CV-0185	Curation SG20b0	12.0 um	1	ol	-
RB-CV-0186	Curation SG20b1	16.18 um	1	ol	-
<u>RB-CV-0187</u>	BROKEN	17.3 um	1	ol,hpx	-
RB-CV-0187-01 (parent : RB-CV-0187.pdf )	Curation SG20b2	- um	1	ol,hpx	-
RB-CV-0187-02 (parent : RB-CV-0187.pdf )	Curation SG20b2	- um	1	ol,hpx	-
RB-CV-0188-01 (parent : RB-CV-0188.pdf )	Curation SG20b3	23.06 um	1	hpx,Al	-
RB-CV-0192	Curation SG20d0	19.88 um	1	hpx,lpx,ol	-
RB-CV-0193	Curation SG20d1	17.17 um	1	hpx,pl	-
RB-CV-0194	Curation SG20d2	21.01 um	1	ol, pl	-
RB-CV-0195	Curation SG20d3	22.96 um	1	ol	-
RB-CV-0196-01 (parent : RB-CV-0196.pdf )	Curation SG20d4	16.3 um	1	pl,lpx	-
RB-CV-0196-02 (parent : RB-CV-0196.pdf )	Curation SG20d5	13.4 um	1	Ірх	-
RB-CV-0197	Curation SG20e0	18.8 um	1	pl	-
RB-CV-0198	Curation SG20e1	38.67 um	1	ol	-
RB-CV-0199	Curation SG20e2	19.13 um	1	ol	-
RB-CV-0200	Curation SG20e3	27.74 um	1	pl	-
RB-CV-0201	Curation SG20e4	15.8 um	1	lpx	-
RB-CV-0202	Curation SG07e6	15 um	4	AI	-
RB-CV-0203	Curation SG07e8	10 um	4	Cr,Zn	-
RB-CV-0204	Curation SG20c5	11.5 um	1	ol	-
RB-CV-0205	Curation SG20e5	28.40 um	1	ol	-
RB-CV-0206	Curation SG20f0	33.16 um	1	ol	-
RB-CV-0207	Curation SG20f1	12.2 um	1	pl	-
RB-CV-0208	Curation SG20f2	17.3 um	1	pl	-
RB-CV-0209	Curation SG20f4 under	35.9 um	2	ol,FeS	-
RB-CV-0210	Curation SG20f3	16.8 um	1	ol	-
RB-CV-0211	Curation SG12f5	46.2 um	1	ol	-
		1Ω Ω			

RB-CV-0212	Curation SG20f5	10.0 um	1	lpx	-
RB-CV-0213	Curation SG21a0	16.8 um	1	lpx,pl	-
RB-CV-0214	BROKEN	- um	1	ol	-
RB-CV-0214-01		17.5	4		
(parent : RB-CV-0214.pdf )	Curation SG21a1	um	1	ol	-
RB-CV-0214-02 (parent : <u>RB-CV-0214.pdf</u> )	Curation SG21a2	15.4 um	1	ol	-
RB-CV-0215	Curation SG21a3	22.1 um	1	ol	-
RB-CV-0216	Curation SG21a4	17.9 um	1	ol	-
RB-CV-0217	Curation SG21a5	37.3 um	1	ol	-
RB-CV-0218	Curation SG21b0	27.9 um	2	ol,lpx,FeS,Al	-
RB-CV-0219	Curation SG21b1	13.0 um	1	hpx,lpx	-
RB-CV-0220	Curation SG21b2	12.3 um	1	lpx	-
RB-CV-0221	Curation SG07f9	40 um	4	AI, Mg	-
RB-CV-0222	Curation SG21b3	13.0 um	1	ol	-
<u>RB-CV-0223</u>	Curation SG21b4	24.7 um	1	ol	-
RB-CV-0224	Curation SG21b5	15.9 um	1	ol	-
<u>RB-CV-0225</u>	Curation SG21c0	38.2 um	1	ol	-
RB-CV-0226	Curation SG21c1	25.8 um	1	lpx,ol	-
RB-CV-0227	Curation SG21c2	22.8 um	1	ol	-
RB-CV-0228	Curation SG21c3	14.3 um	1	lpx	-
RB-CV-0229	Curation SG21c4	12.4 um	1	pl	-
RB-CV-0230	Curation SG21c5	17.4 um	1	ol, pl	-
RB-CV-0231	Curation SG21d0	25.3 um	1	hpx	-
<u>RB-CV-0232</u>	SG21d1	10.7 um	1	lpx	-
RB-CV-0233	Curation SG21d2	33.5 um	2	ol,FeS	-
RB-CV-0234	Curation SG21d3	25.9 um	2	FeS,Fe,FeNiS,CuS	со
RB-CV-0235	Curation SG21d3	15.7 um	1	ol, pl	-
<u>RB-CV-0236</u>	Curation SG21d5	14.7 um	1	hpx	-
<u>RB-CV-0237</u>	Curation SG21e0	20.8 um	1	ol,lpx	-
RB-CV-0239	Curation SG05g4	15 um	3	C, NaCl, Al	-
RB-CV-0240	Curation SG07g0	20 um	4	AI,Mg	-
RB-CV-0241	Curation SG07g1	40 um	4	Al	-
RB-CV-0242	Curation SG21e2	17.4 um	1	lpx,ol	-
<u>RB-CV-0243</u>	Curation SG05g5	10 um	3	(C,N,O)	-
RB-CV-0244	Curation SG07g2	30 um	4	Al	-
RB-CV-0245	Curation SG21e5	17.8 um	1	ol	-
RB-CV-0246	Curation SG21f0	27.4 um	1	pl,ol	-
RB-CV-0247	Curation SG21f1	23.76 um	2	ol,FeS	-
RB-CV-0248	Curation SG21f2	17.1 um	1	ol	-
RB-CV-0249	Curation SG21f3	17.8 um	1	ol	-
		16 0			

<u>RB-CV-0250</u>	Curation SG21f4		um	1	pl,ol	-
RB-CV-0251	Curation SG21f5		16.4	1	ol	-
RB-QD04-0001	Curation glov ebox2, almost consumed,		19 um	3	(C,N,O),C,ol,Al	PE
RB-QD04-0002	pressed on Au plate  NASA		38 um	1	ol,pl,K-fld	NASA
RB-QD04-0005	NASA	111208	34 um	1	hpx,pl	NASA
RB-QD04-0006	Curation glov ebox2, PS with Au-coat	111200	29 um	1		PE
		400545		4	ol,pl	1
<u>RB-QD04-0007</u>	Curation SG06a5	120515	14 um		pl	<del> -</del>
RB-QD04-0008	Curation glov ebox2, PB embedded in epoxy resin		40 um	1	ol,hpx	AO1_Noguchi
RB-QD04-0011	Curation glov ebox2, PB embedded in epoxy resin		35 um	1	[ol]	AO1_Noguchi
RB-QD04-0012	Curation SG06a7	120515	20 um	1	pl,hpx,ol	-
RB-QD04-0014	Curation SG12e2		172 um	1	ol,lpx,pl,tr	-
RB-QD04-0015	Curation glovebox, PB embedded in epoxy resin		46 um	1	ol,tr	AO1_Noguchi
RB-QD04-0017	Curation SG07a0	120106	56 um	4	Al,CF	-
RB-QD04-0019	Curation SG06b0	120515	24 um	1	pl,hpx	-
RB-QD04-0022	Curation glov ebox2, PS embedded in		37 um	1	pl,Al	AO1 Nakamura
	EM812 with carbon coat					
RB-QD04-0023	CONSUMED		50 um	1	ol	PE
RB-QD04-0024	Curation glov ebox2, FIB hole, PB embedded in epoxy resin		53 um	1	lpx,pl	AO1_Noguchi
RB-QD04-0025	Curation glov ebox2, PS with Au coat		39 um	1	lpx,ol,hpx,Na	PE
DD 0D04 0036	Curation glov ebox2, PS embedded in		40 um	1	lav	AO1 Tauahiyama
RB-QD04-0026	EPON812 with carbon coat		40 um		lpx	AO1_Tsuchiy ama
<u>RB-QD04-0027</u>	CONSUMED		26 um	1	ol,pl	AO1_Tsuchiyama
RB-QD04-0030-01 (parent : RB-QD04-0030.pdf )	NASA	120412	177 um	1	hpx,lpx,ol,pl,tr	NASA2
<u>RB-QD04-0030-02</u> (parent : <u>RB-QD04-0030.pdf</u> )	Curation SG06b9	120712	18 um	1	lpx	-
RB-QD04-0031	Curation SG05a8	120106	64 um	3	(C,O),Al	-
RB-QD04-0032	Curation SG07a2	120106	38 um	4	SiO	-
RB-QD04-0033	BROKEN	120608	56 um	2	ol,lpx,tr	PE, AO2_Komatsu
RB-QD04-0034	Curation SG06c6	120515	43 um	1	Ірх	-
RB-QD04-0035	Curation SG05a8upper	120106	59 um	3	(C,N,O),NaCI,KCI	-
RB-QD04-0036	Curation SG06c7	120515	24 um	1	ol	-
RB-QD04-0037	BROKEN		80 um	3	CNO,CO,ol	-
RB-QD04-0037-01 (parent : RB-QD04-0037.pdf )	Curation glovebox2, large FIB hole, pressed on In plate		48 um	3	(C,N,O),(C,O),ol	PE
RB-QD04-0037-03 (parent : RB-QD04-0037.pdf )	Curation SG05b1	120106	15 um	3	(C,N,O)	-
RB-QD04-0038	NASA	111209	53 um	1	lpx,ol	NASA
RB-QD04-0039	Curation SG06e3	120515	53 um	2	ol,lpx,tr	-
RB-QD04-0040	Curation SG06d1	120515	74 um	2	ol,pl,(Fe,Ni,S)	СО
RB-QD04-0041	Curation glov ebox2, particle with C-coat on Mo plate		39 um	1	ol,lpx,Al	PE
RB-QD04-0042	DIVIDED		47 um	1	ol,K-fld	AO1_Langenhorst
RB-QD04-0043	DIVIDED		35 um	1	ol,lpx,Al	AO1_Tsuchiy ama
RB-QD04-0044	JAXA ICF70-T002-KA03	130416	51 um	1	ol ol	CU2
RB-QD04-0045	Curation SG06d5		57 um	2	ol,lpx,pl,FeS	<del>-</del>
RB-QD04-0046	Curation glov ebox2, attached to carbon	120920	42 um	1	ol	AO1_Tsuchiy ama
					III.	II.
RR-0004-0047	fiber using acetone-soluble bond		66 um	3	(C 0) C	-
RB-QD04-0047			66 um	3	(C,O),C	-
RB-QD04-0047-01 (parent : <u>RB-QD04-0047.pdf</u> )	fiber using acetone-soluble bond  BROKEN  Curation SG05b3	120106	66 um	3	(C,O),C	-
RB-QD04-0047-01	fiber using acetone-soluble bond  BROKEN				(C,O),C	- - PE
RB-QD04-0047-01 (parent : RB-QD04-0047.pdf ) RB-QD04-0047-02 (parent : RB-QD04-0047.pdf ) RB-QD04-0048	fiber using acetone-soluble bond  BROKEN  Curation SG05b3  Curation glovebox2, large FIB hole, pressed on Au plate  Curation SG05c5		66 um 28 um 56 um	3	[(C,O),C	-
RB-QD04-0047-01 (parent : <u>RB-QD04-0047.pdf</u> ) <u>RB-QD04-0047-02</u> (parent : <u>RB-QD04-0047.pdf</u> )	fiber using acetone-soluble bond  BROKEN  Curation SG05b3  Curation glovebox2, large FIB hole, pressed on Au plate	120106	66 um 28 um	3	[- (C,O),C	-  -  PE
RB-QD04-0047-01 (parent : RB-QD04-0047.pdf ) RB-QD04-0047-02 (parent : RB-QD04-0047.pdf ) RB-QD04-0048	fiber using acetone-soluble bond  BROKEN  Curation SG05b3  Curation glovebox2, large FIB hole, pressed on Au plate  Curation SG05c5	120106	66 um 28 um 56 um	3 3 1	[(C,O),C	-
RB-QD04-0047-01 (parent : RB-QD04-0047.pdf ) RB-QD04-0047-02 (parent : RB-QD04-0047.pdf ) RB-QD04-0048 RB-QD04-0049	fiber using acetone-soluble bond  BROKEN  Curation SG05b3  Curation glovebox2, large FIB hole, pressed on Au plate  Curation SG05c5  Preliminary examination	120106	66 um 28 um 56 um 50 um	3 3 1	- (C,O),C (C,O) ol,Al	-
RB-QD04-0047-01 (parent : RB-QD04-0047.pdf ) RB-QD04-0047-02 (parent : RB-QD04-0047.pdf ) RB-QD04-0048 RB-QD04-0049 RB-QD04-0050	fiber using acetone-soluble bond  BROKEN  Curation SG05b3  Curation glovebox2, large FIB hole, pressed on Au plate  Curation SG05c5  Preliminary examination  Curation SG07a4	120106	66 um 28 um 56 um 50 um 55 um	3 3 1 4	[(C,O),C [(C,O) ol,Al	-

RB-QD04-0054	Curation SG06e6	120515	34 um	1	pl,lpx	]-
RB-QD04-0055	Hokkaido Univ	120515	33 um	1	ol	AO2 Yurimoto
RB-QD04-0056	Curation SG12a1	120515	103 um	2	lpx,pl,(Fe,Ni),tr	EXTRA
RB-QD04-0057	Curation SG06h1	120515	33 um	1	ol	-
RB-QD04-0058	Curation SG06f8	120515	35 um	1	pl,ol	-
RB-QD04-0059	Curation SG12a2	120515	191	1	pl,K-fld,lpx	
<u>KB-QD04-0059</u>	Curation 3G 12a2	120313	um		pi, K-i id, ipx	
RB-QD04-0060	Curation SG06h6	120515	37 um		ol	-
RB-QD04-0061	Curation SG06f6	120515	31 um	1	ol	-
RB-QD04-0062	Hawaii Univ.	120515	40 um	1	ol,pl	AO2_Ogliore
RB-QD04-0063	Curation SG06h3	120515	33 um		ol	-
RB-QD04-0065	Curation SG07b7	120507	37 um		Al	-
RB-QD04-0066	Curation SG06h8	120515	35 um		ol	-
RB-QD04-0067	Curation SG07b8	120507	48 um		AI	<del> </del>
RB-QD04-0068	Curation SG06j5	120508	35 um		ol (0: 0)	<u> -</u>
RB-QD04-0069	Curation SG06i4	120508		1	ol,hpx,pl,(Si,O)	CO
RB-QD04-0070	Curation SG06i6	120508	28 um	1	lpx	-
RB-QD04-0071	Curation SG06j8	120508	22 um	1	ol,pl	-
RB-QD04-0072	ESA ESTEC	120508	25 um	2	ol,Fe	AO2_Cipriani
RB-QD04-0073	Curation SG07b9	120508	32 um		(Al,O)	-
<u>RB-QD04-0074</u>	Curation SG06j3	120508	32 um		pl,ol	-
<u>RB-QD04-0075</u>	Curation SG06i9	120511	35 um		hpx,lpx	-
RB-QD04-0076	Curation SG11a1	120511		1	ol	-
<u>RB-QD04-0077</u>	Curation SG11a3	120511	21 um		ol,tr	-
<u>RB-QD04-0078</u>	Curation SG05d3	120517	19 um	3	(C,O),ol	-
<u>RB-QD04-0079</u>	JAXA		30 um	1	ol,(Ca,Cl)	со
<u>RB-QD04-0080</u>	Curation SG11a0	120511	35 um	1	ol,lpx,pl	-
<u>RB-QD04-0081</u>	Curation SG11a4	120511	33 um	1	ol	-
RB-QD04-0082	Curation SG11b1	120516	28 um	1	pl,ol	-
RB-QD04-0083	ESA ESTEC	120516	30 um	1	lpx,ol,hpx	AO2_Cipriani
<u>RB-QD04-0084</u>	Tohoku Univ	120516	31 um	2	ol,pl,K-fld	AO2_Gucsik
<u>RB-QD04-0085</u>	Tohoku Univ.	120516	32 um	1	pl	AO2_Gucsik
<u>RB-QD04-0086</u>	Curation SG11a5	120516	21 um	1	lpx,ol,pl	-
<u>RB-QD04-0087</u>	Curation SG11b0	120516	29 um	1	ol	-
<u>RB-QD04-0088</u>	Tohoku Univ.		25 um	1	ol,(Ca,O)	СО
<u>RB-QD04-0089</u>	Curation SG11c5	120525	68 um	1	pl,hpx	-
<u>RB-QD04-0090</u>	Curation SG11b0		39 um	1	pl	-
<u>RB-QD04-0091</u>	Hawaii Univ.	120525	43 um	1	pl,ol	AO2_Ogliore
<u>RB-QD04-0092</u>	Curation SG11c3	120525	37 um		ol,lpx,hpx	-
RB-QD04-0093	Curation SG11c4	120525	29 um	1	ol,hpx	-
<u>RB-QD04-0094</u>	Curation SG11c2		36 um	1	ol,Al	CU1_uesugi
<u>RB-QD04-0096</u>	Curation SG11d1	120529	36 um	1	ol	-
<u>RB-QD04-0097</u>	Curation SG11d0	120529	38 um	1	ol,pl	-
<u>RB-QD04-0098</u>	Curation SG07c0	120529	39 um	4	(Si,O)	-
RB-QD04-0099	Curation SG11d3	120529	37 um	1	lpx	-
<u>RB-QD04-0100</u>	Curation SG11d4	120529	54 um	1	lpx	-
<u>RB-QD04-0101</u>	Curation SG11d5	120529	64 um	1	pl	СО
<u>RB-QD04-0102</u>	Tohoku Univ	120601	28 um	1	ol,pl,lpx	AO2_Tsuchiy ama
RB-QD04-0103	Curation SG11e4	120601	47 um	1	pl,ol	CU1_Uesugi
<u>RB-QD04-0104</u>	NASA	120601	42 um	1	ol,pl	NASA2
RB-QD04-0105	Curation SG11e2	120601	33 um	1	ol	-
RB-QD04-0106	Curation SG07lowerleft	120601	42 um	4	SiO	-
RB-QD04-0107	Curation SG11e3	120601	57 um	1	ol	-
RB-QD04-0108	Curation SG11e0	120601	54 um	1	ol,lpx	-

580 hits

transfer	Status		Category
transfer history	SG??xx:	name of the slide glass	particles showing only ferromagnesian silicate

#### Analysis

Analytical methods applied to each particle

address on the slide glass (xx) at curation center

glov ebox2: Glove box storage at curation center

N2-SP3: N2 desiccator storage at

curation center

DSLG: dimple slide glass PS: polished section

PB: potted butt of TEM mold UTS: Ultra thin section UM: Ultramicrotome FIB: Focused Ion Beam

CONSUMED: consumed during initial

analy sis (not available)

BROKEN: broken into several pieces unexpectedly (not available)

DIVIDED: sliced or divided in initial

analysis (not available) provided to analysis (Others) (currently not available)

#### Phase

Determined by SEM at Curation facility or determined by preliminary examinations (with []).

Abbrev iations

ol: olivine, lpx: low calcium pyroxene, hpx: high calcium pyroxene, pl: plagioclase, fld: feldspar, tr:troilite,

chm: chromite, ap: apatite

#### label

 $\ensuremath{\mathsf{PE}}$  : provided to preliminally examinations AO?\_: provided to International AO NASA?: provided to NASA AO CO: Samples allocated to JAXA for consortium study CU1: Samples allocated to JAXA's

CU2: Samples allocated to JAXA for

opening to public CAT3: provided to preliminally examinations

for category 3

EXTRA: Extra particles unexpectedly found on sample holders

RENAMED: renamed to RA or RB particle name

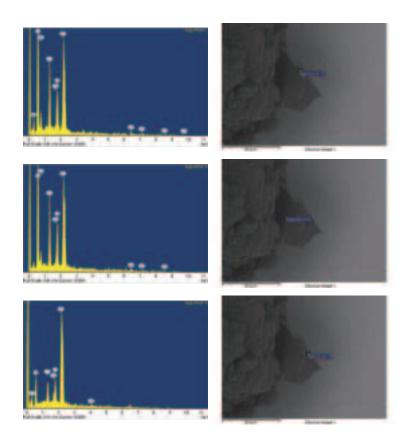
ND : no data NI : not identified. The particle might lost NOSEM: No SEM data for initial description compositions

- 2. particles showing ferromagnesian silicate and other mineral such as metals, sulfides and oxides etc.
- 3. particles showing mainly carbon (not available)
- 4. particles possible artificial material compositions such as Al, quartz glass, stainless steel and etc. (not available)

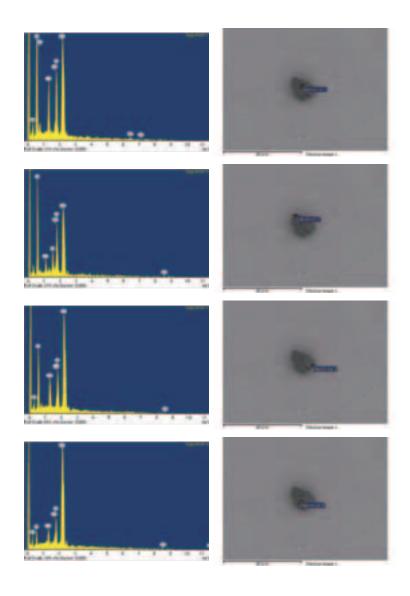
# Hayabusa Sample catalog

Extraterrestrial Sample Curation Center (ESCuC)

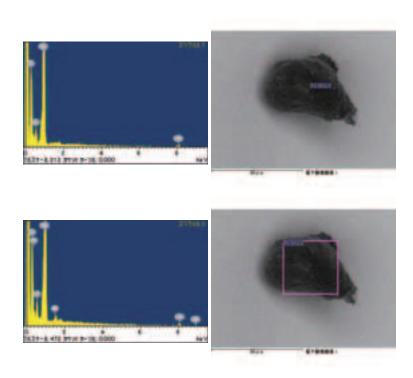
Status	Date	Size	Transfer	Category	Phase
Curation SG10e2	120515	30µm	SG03a3.SG10e2	1	ol,hpx



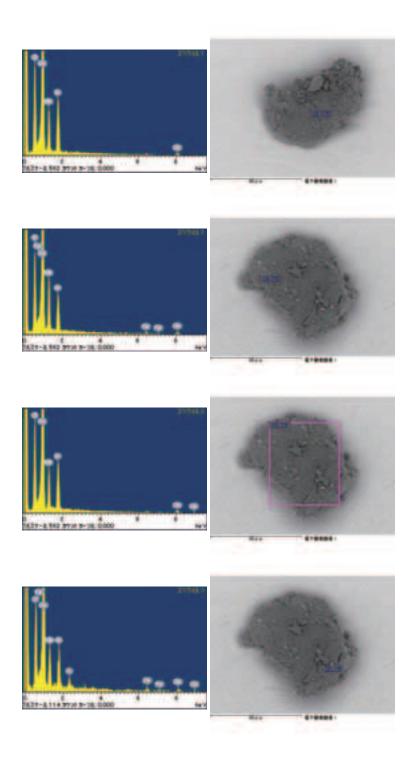
Status	Date	Size	Transfer	Category	Phase
Curation SG10d4		23µm	SG03a5,SG03a6upper,SG10d4	1	lpx,pl



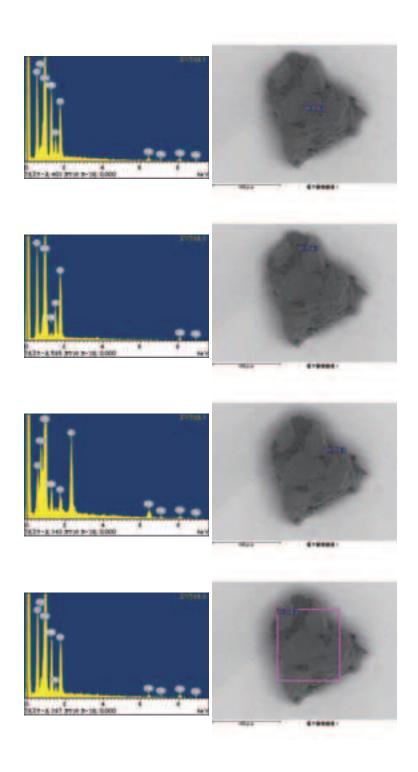
Status	Date	Size	Transfer	Category	Phase
CONSUMED, pressed on			Curation N2-SP3,	3	(C,O),(C,N,O),AI
indium plate		m	gloveBox2		(0,0),(0,11,0),



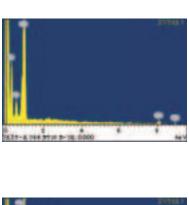
Status	Date	Size	Transfer	Category	Phase
CONSUMED	120117	70µm	N2-SP3, Ibaraki Univ	1	[lpx, ol, pl]

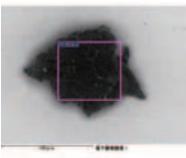


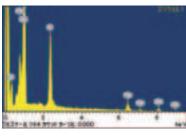
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PS		1 - 1	Wisconsin Univ,Curation,California Univ, Curation glovebox2	1	[ ol, pl, lpx, hpx, tr, tae, kam ]

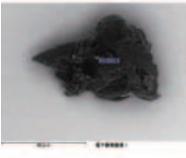


Status	Date	Size	Transfer	Category	Phase
Curation SG01h1	110106	100µm	SG01h1	3	CO,tr

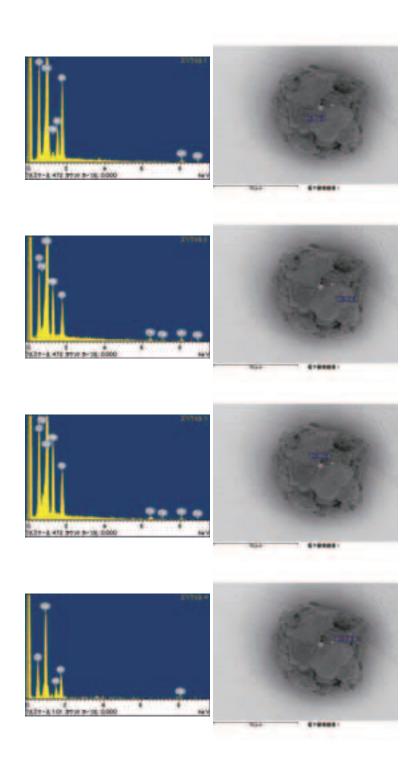




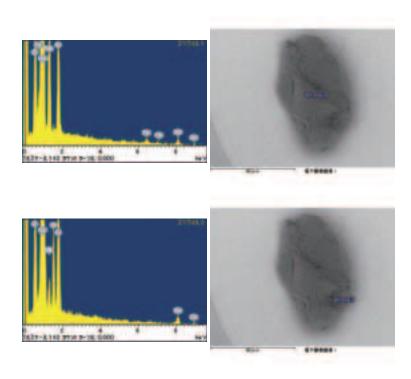




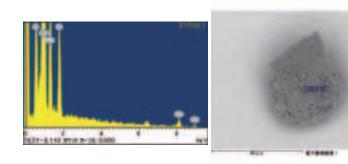
Status	Date	Size	Transfer	Category	Phase
Cirtin Univ , PS		91µm	Curation N2-SP3, Cirtin Univ	2	ol, pl, hpx, lpx, tae ]



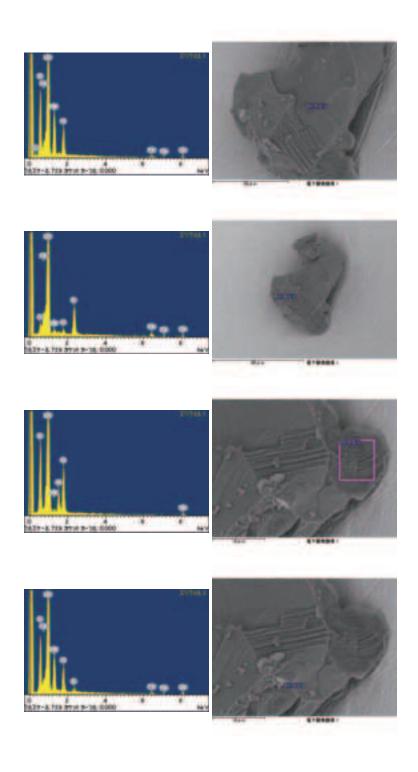
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PS			Curation N2-SP3, Wisconsin Univ, Curation glovebox2		[ ol, lpx, pl ]



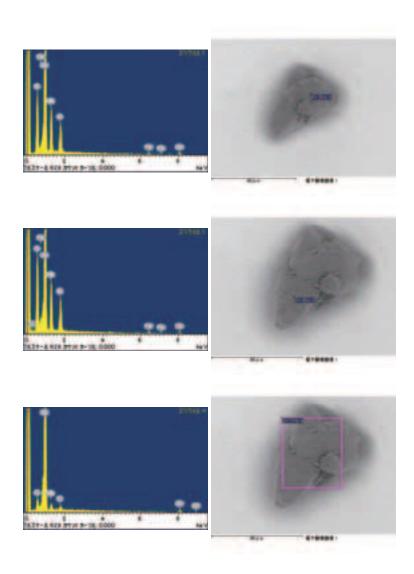
Status	Date	Size	Transfer	Category	Phase
CONSUMED		30µm	-	1	lpx



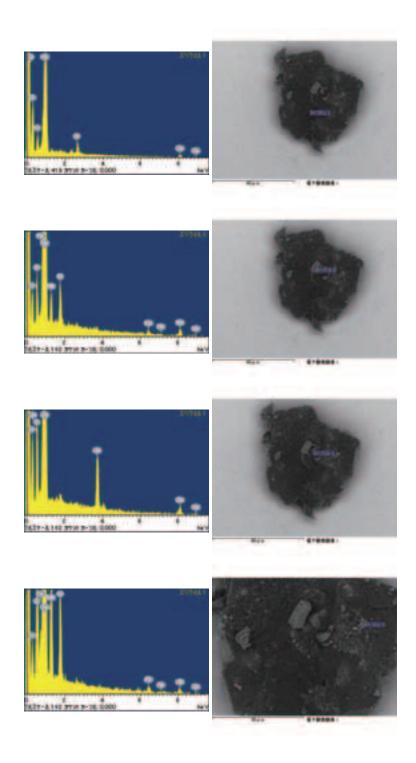
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PS	120117	58.0µ m	Curation N2- SP3,glovebox2	1 <b>1</b> 1	ol, lpx, hpx, pl, tr, tae]



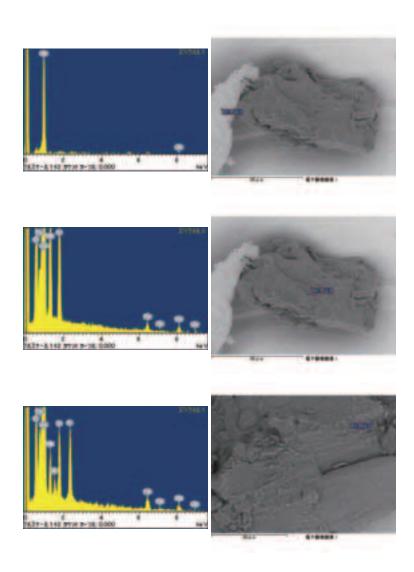
Status	Date	Size	Transfer	Category	Phase
Curation		30µ	Curation N2-SP3, Wisconsin Univ, Curation	1	
glovebox2, PS		m	glovebox2		Ol



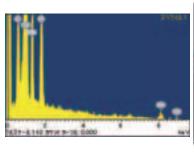
Status	Date	Size	Transfer	Category	Phase
Curation SG01h2	110106	50µm	-	3	CO,CI,AI,Mg,Si

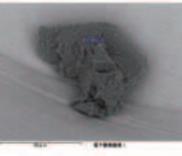


				Category	Phase
Curation	120117	98.2µ	Curation N2-SP3, Max-Planck-	1	ol, pl,
glovebox2, PS	120117	m	Institute,Curation glovebox2	1	tr]

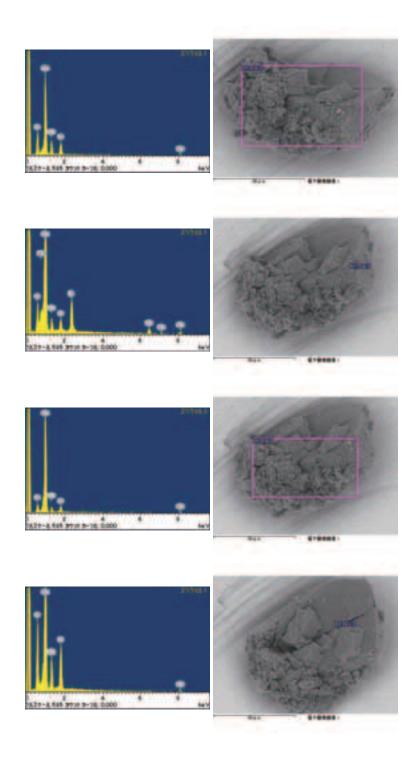


Status	Date	Size	Transfer	Category	Phase
CONSUMED		56.4µm	-	1	[lpx, hpx, tr]

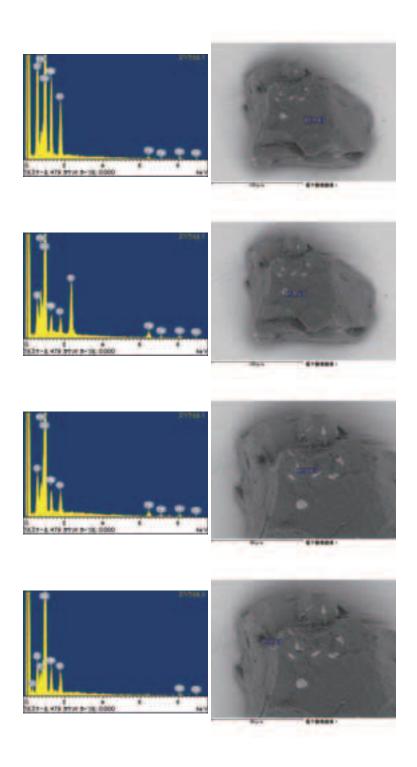




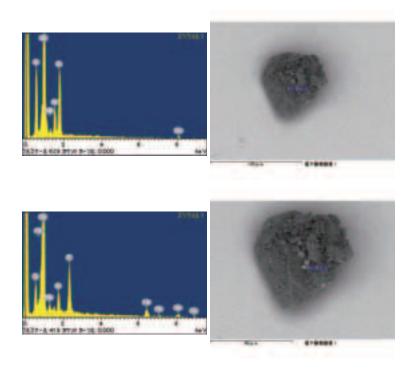
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PS		50µm	Curation N2-SP3, glovebox2	1	lpx, ol, tr



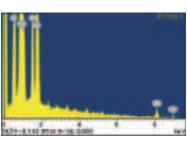
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PS		m 149.4µ	Curation N2-SP3,Wisconsin Univ,Curation,California Univ, Curation glovebox2	2	[ ol, tr ]

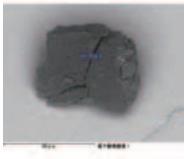


Status	Date	Size	Transfer	Category	Phase
Open Univ, PS		90.0µm	Curation N2-SP3, Open Univ	2	ol, hpx, lpx, pl, tr, tae ]

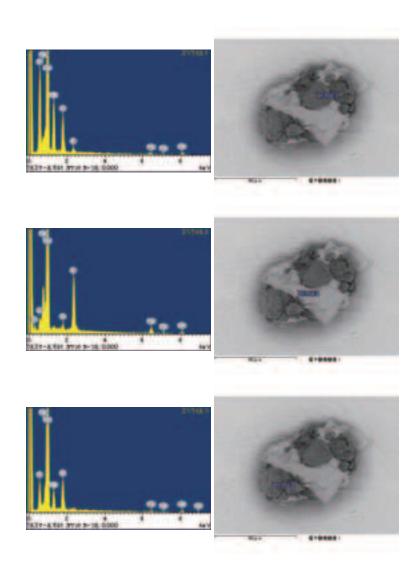


Status	Date	Size	Transfer	Category	Phase
BROKEN		50µm	-	1	pl

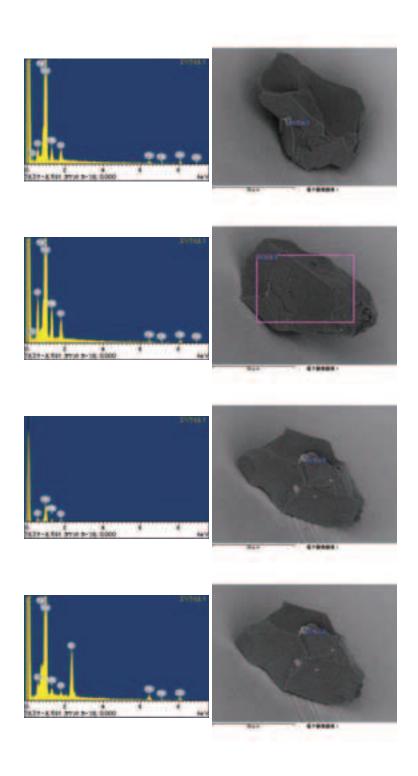




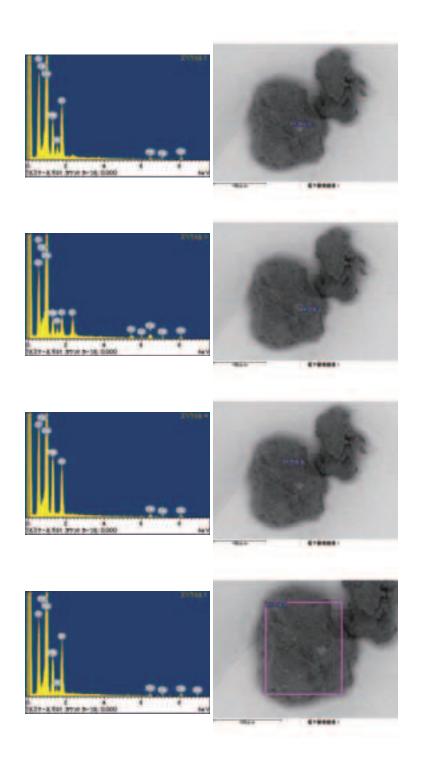
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PS with partially		83.0µ	Curation N2-SP3,	2	[tr, pl,
Au-coat		m	glovebox2		lpx]



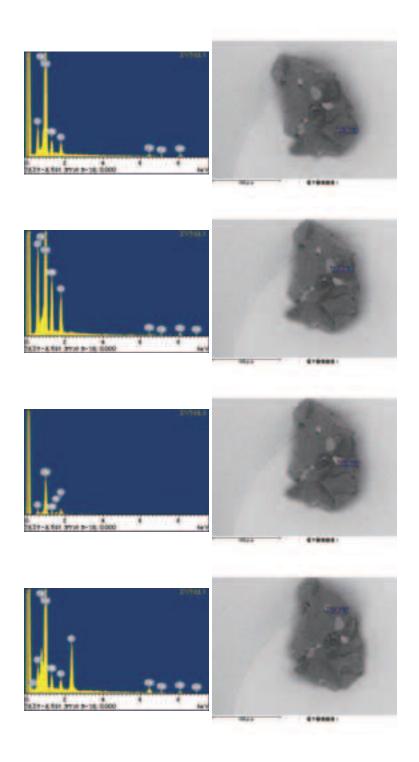
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2,		55.4µ	Curation N2-SP3,	2	ol, lpx, tr, tae
PS		m	glovebox2		]



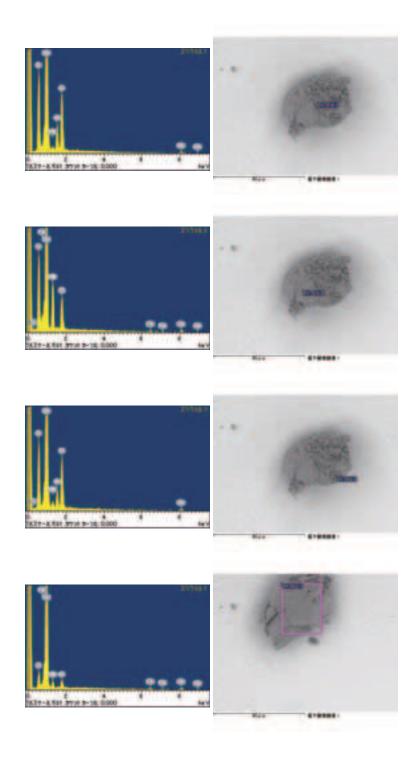
Status	Date	Size	Transfer	Category	Phase
Cirtin Univ,		163.8µ	Curation N2-SP3, Wisconsin	2	[ lpx, ol, pl, tae,
PS		m	Univ,Curation,Cirtin Univ		hpx, tr]



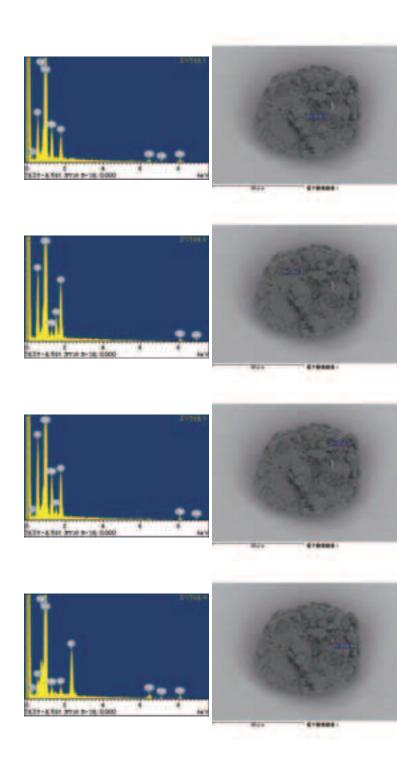
Status	Date	Size	Transfer	Category	Phase
Osaka Univ, PS			Curation N2-SP3,Osaka Univ.	12	[ ol, pl, tr, hpx or lpx, chm ]



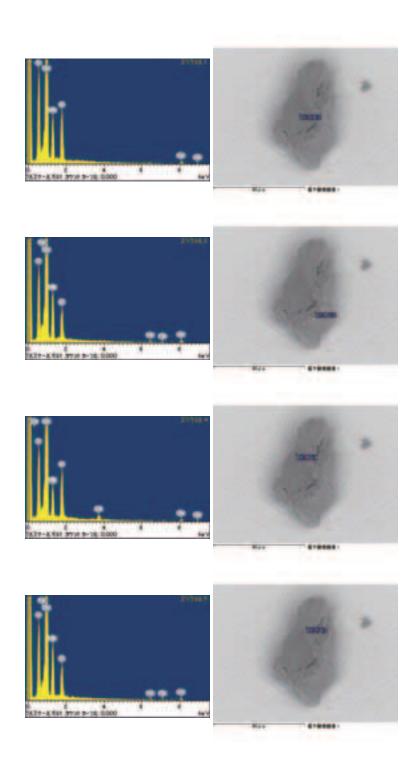
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PB with C-coat, almost consumed			Curation N2- SP3,glovebox2	1	[ ol, hpx, pl, lpx ]



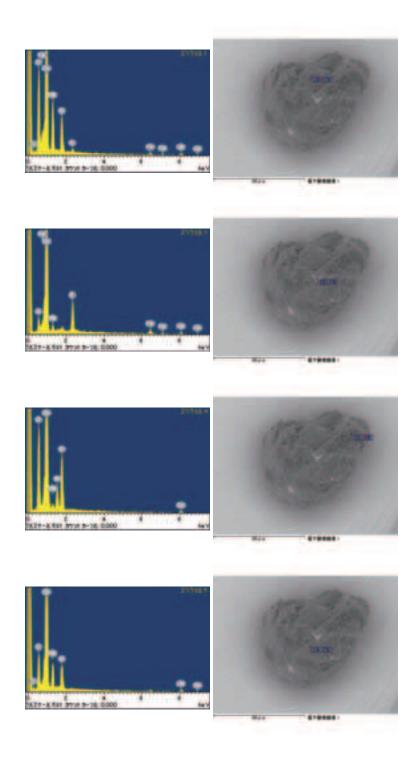
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PS		30µm	Curation N2-SP3	2	[ol,lpx,pl]



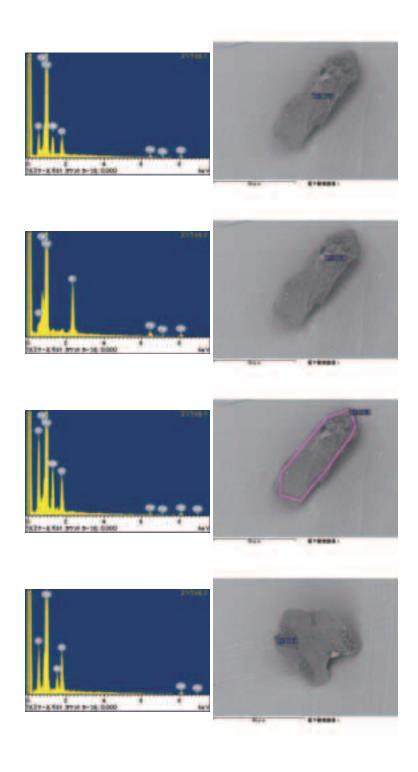
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PB with		57.6µ	Curation N2-SP3,	1	ol, lpx,
C-coat		m	glovebox2		hpx, tr ]



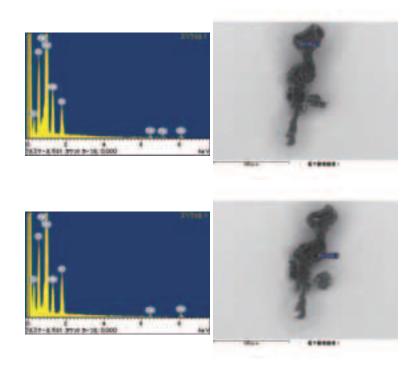
Status	Date	Size	Transfer	Category	Phase
Manchester Univ, PB		50µm	Curation N2-SP3, Manchester Univ	2	ol,pl,FeS



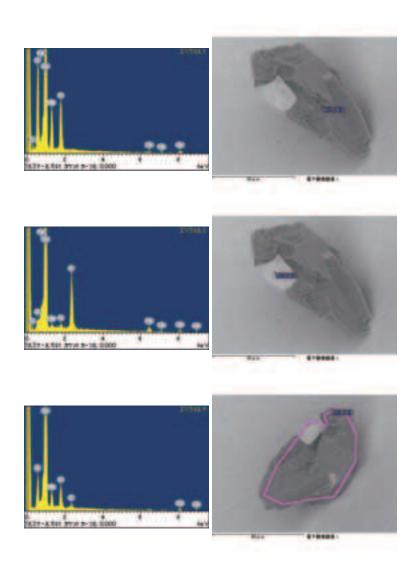
II I				Category	Phase
Tokyo Univ, PS, almost consumed	120117	47.4µ m	Curation N2-SP3,Tokyo Univ.	2	[ ol, pl ]



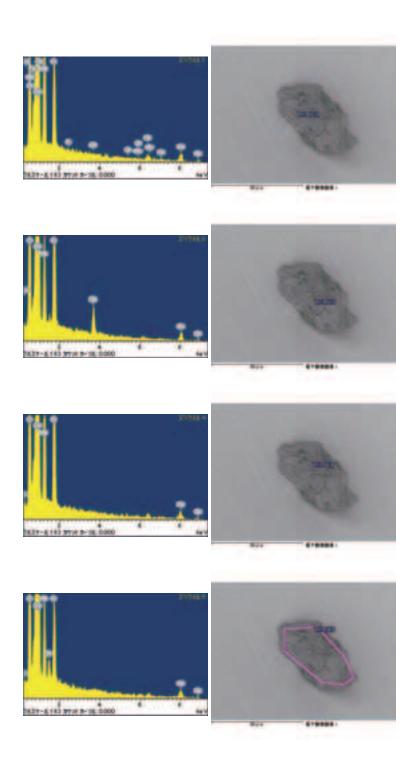
Status	Date	Size	Transfer	Category	Phase
Curation SG01h3	120117	60µm	SG01h3	3	(C,O),lpx,ol



Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PS, partially consumed			Curation N2-SP3, Wisconsin Univ, Curation glovebox2	2	[ lpx, ol, pl, tr or chm ]

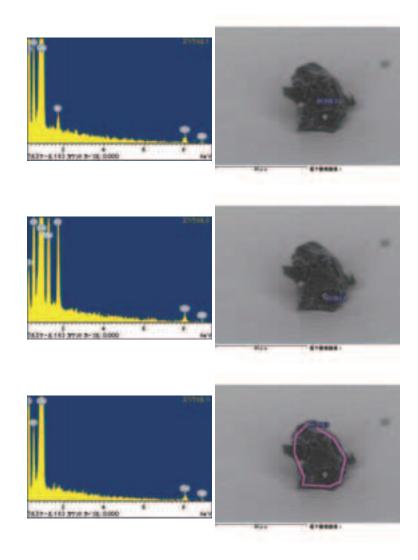


II I				Category	Phase
Manchester Univ,	120117	54.6µ	Curation N2-SP3, Manchester	1	ol, lpx, hpx,
PS	120117	m	Univ		pl, tr]



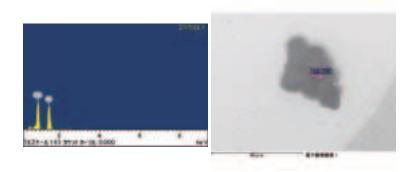
### RA-QD02-0040-01

Status	Date	Size	Transfer	Category	Phase
Curation SG01h5	110106	30µm	SG01h5	3	CO,lpx

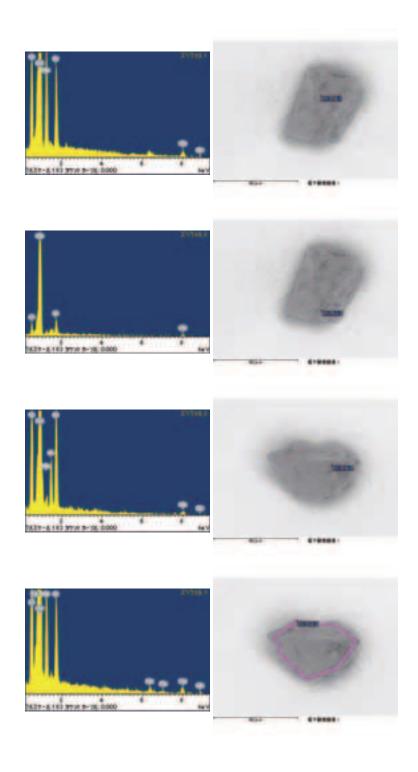


### RA-QD02-0040-02

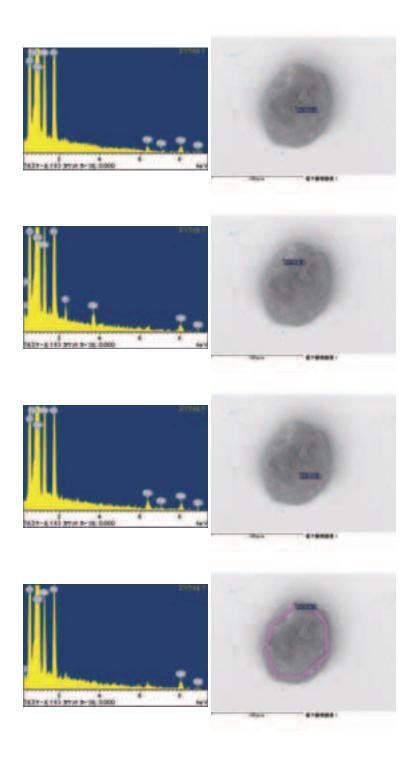
Status	Date	Size	Transfer	Category	Phase
Curation SG01h7	110106	50µm	SG01h7	4	Al



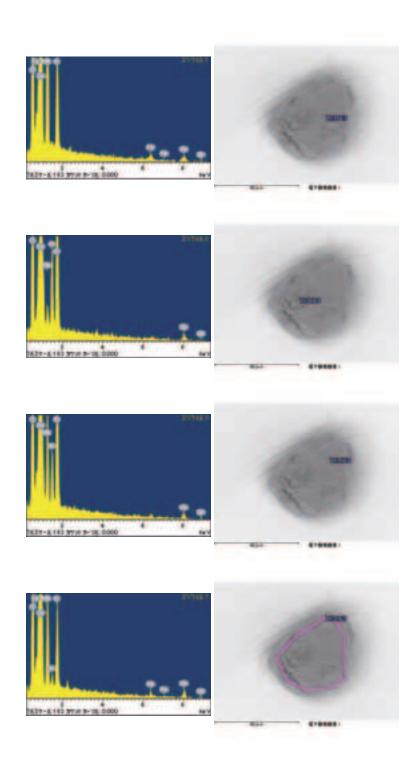
Status	Date	Size	Transfer	Category	Phase
Tokyo Univ, PS		88.6µm	Curation N2-SP3, Tokyo Univ	1	ol, pl, hpx]



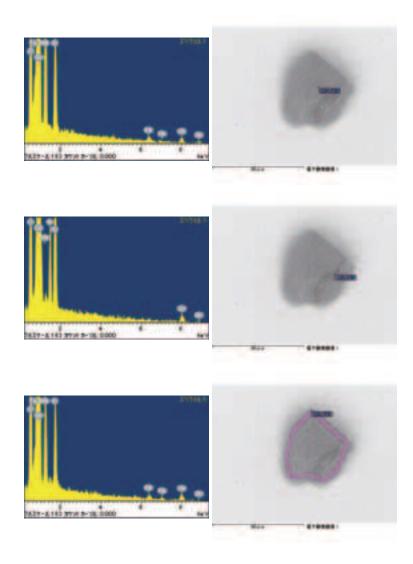
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PS	120117	96.2µ m	Curation N2- SP3,glovebox2	IZ I	[ lpx, pl, ol, hpx, tr, tae, kam ]



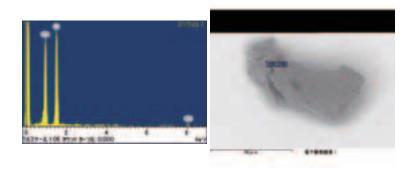
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PS with		87.4µ	Curation N2-	1	ol, hpx,
large hole		m	SP3,glovebox2		pl, tr]



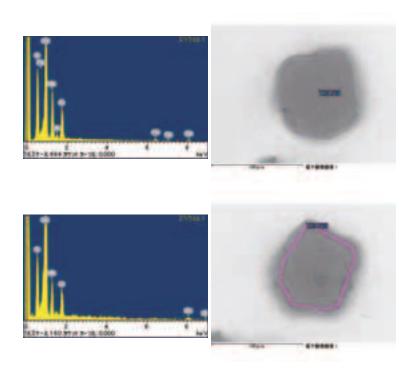
Status	Date	Size	Transfer	Category	Phase
CONSUMED		30µm	-	1	ol,pl



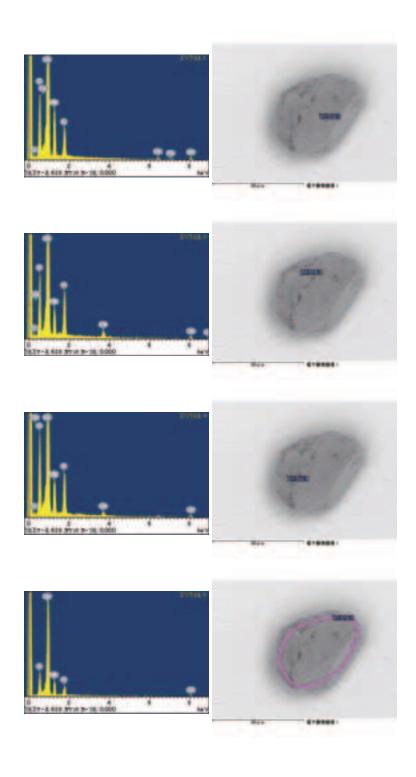
Status	Date	Size	Transfer	Category	Phase
Curation SG01h9	110112	100µm	SG01h9	4	Al



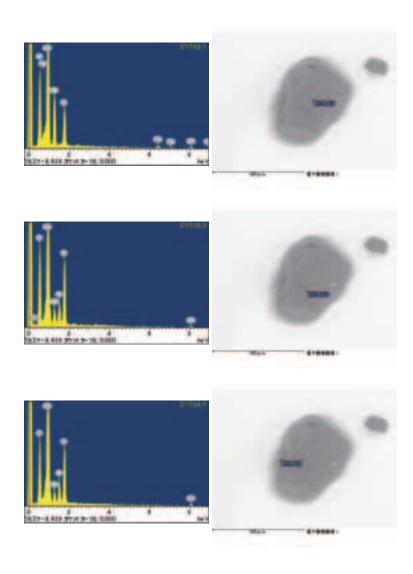
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PS			Curation N2-SP3, Wisconsin Univ, Curation glovebox2	1	[ol, lpx, hpx]



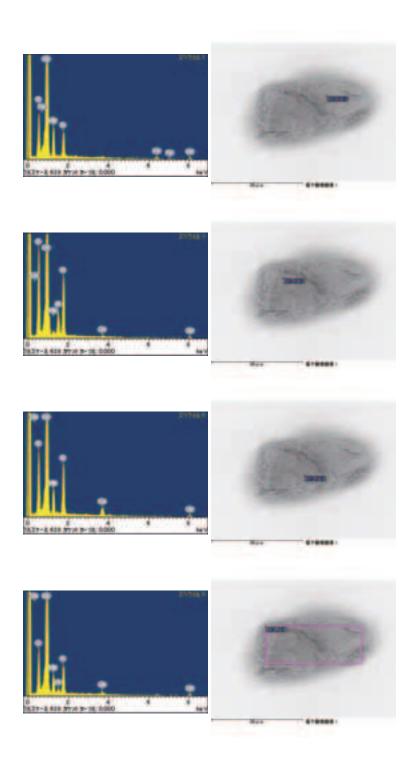
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PS with Au coat,		50µ	Curation N2-SP3,	1	ol, hpx,
almost consumed		m	glovebox2	1	pl, lpx, tr]



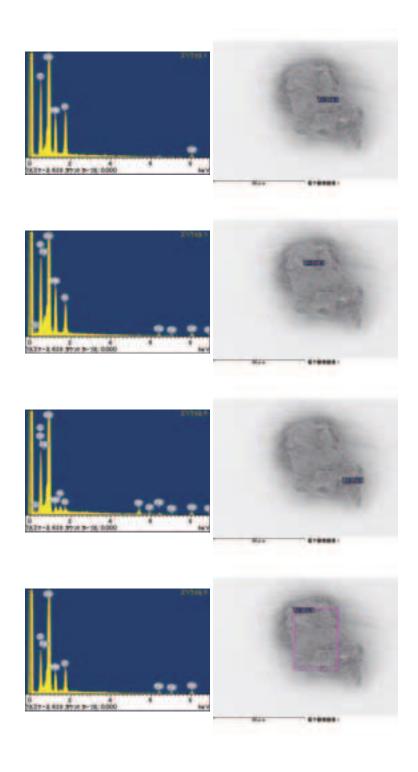
Status	Date	Size	Transfer	Category	Phase
BROKEN		180µm	-	2	ol,pl



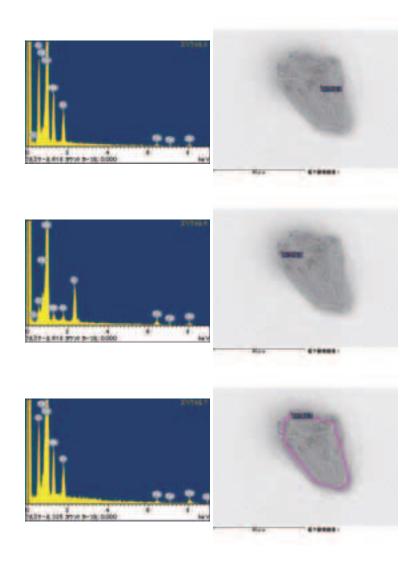
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PB with C-coat, almost consumed			Curation N2-SP3, glovebox2	l .	[ ol, hpx, pl ]



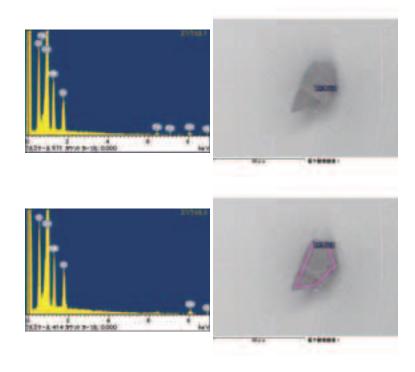
Status	Date	Size	Transfer	Category	Phase
Manchester Univ		50µm	Curation N2-SP3 PB, Manchester Univ	2	lpx,ol,chm



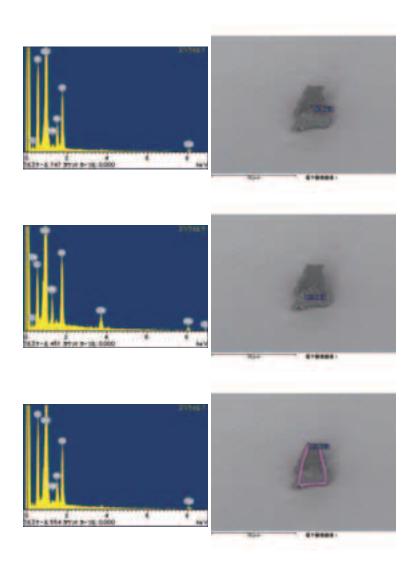
Status	Date	Size	Transfer	Category	Phase
CONSUMED		40µm	-	2	ol,FeS



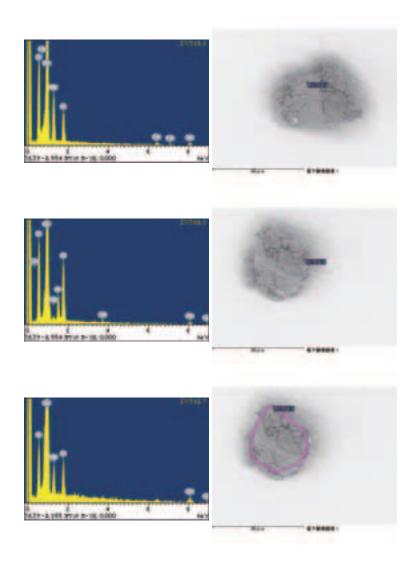
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PS		36.6µm	Curation N2-SP3, glovebox2	1	[ ol, tr ]



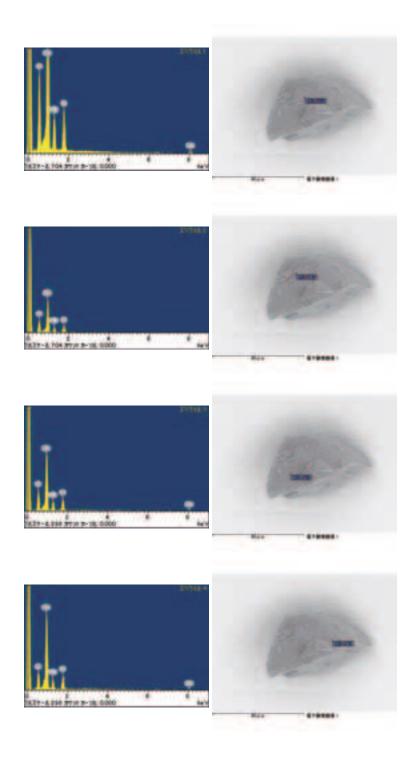
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PS,		56.4µ	Curation N2-SP3, Wisconsin	1	nl boy
almost consumed		m	Univ, Curation glovebox2		pl,hpx



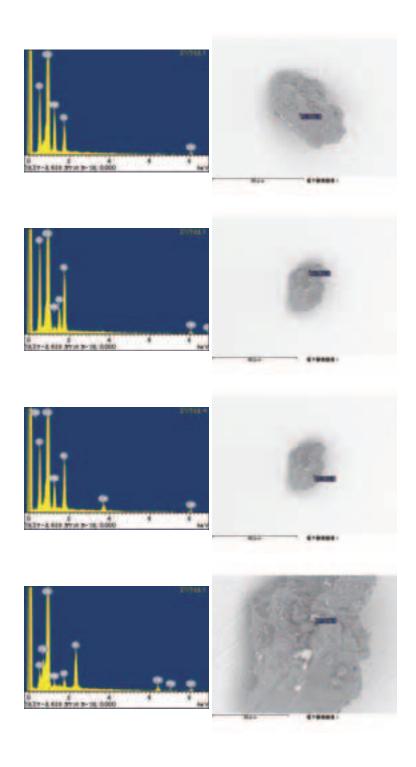
Status	Date	Size	Transfer	Category	Phase
Osaka Univ., PS	120221	50µm	Curation N2-SP3,Osaka Univ.	1	lpx,ol,pl



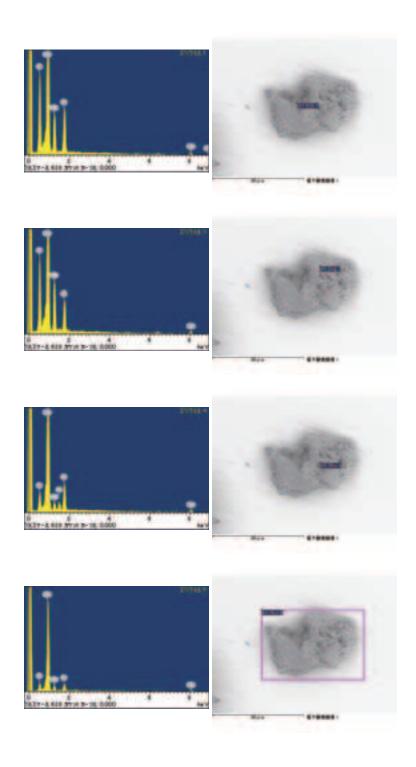
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PS		56.4µm	Curation N2-SP3, glovebox2	1	[lpx]



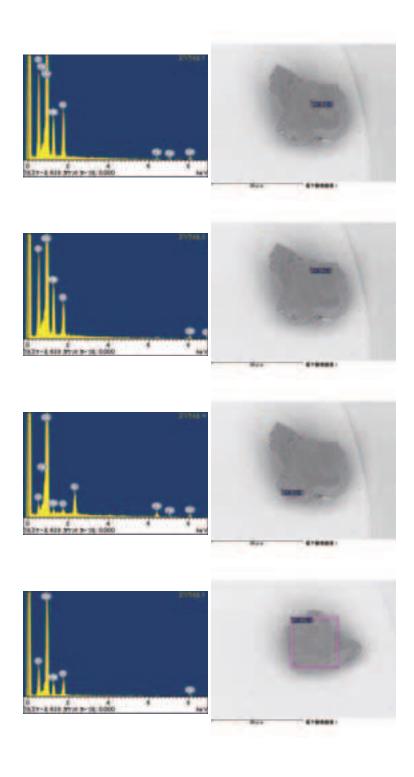
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PS			Curation N2-SP3, glovebox2	I/ I	[ ol, pl, hpx, lpx, FeS ]



Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PS with		59.2µ	Curation N2-SP3,	1	ol, lpx(cpx),
Au coat		m	glovebox2	I	pl, hpx ]

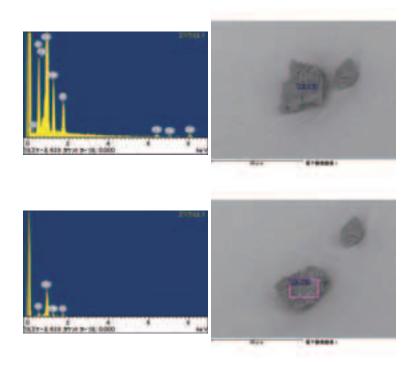


Status	Date	Size	Transfer	Category	Phase
Curation glovebox2,		49.2µ	Curation N2-	2	[lpx, ol, pl, tr, tae
PS		m	SP3,glovebox2		]



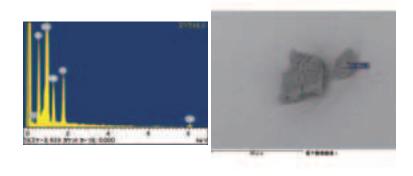
# RA-QD02-0062-01

Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PS		35.6µm	Curation N2-SP3,glovebox2	1	ol, lpx]

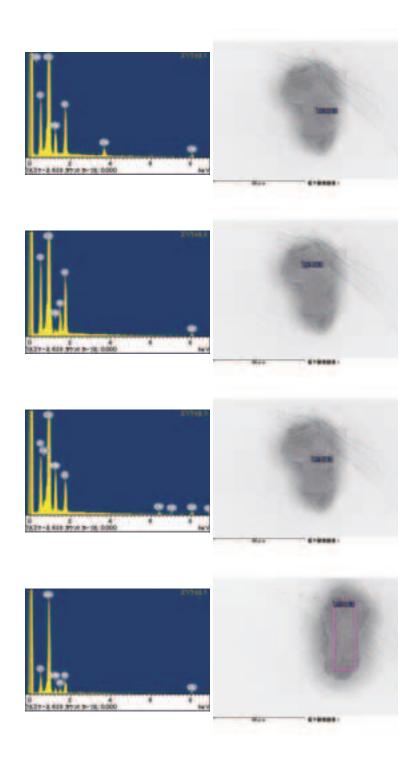


### RA-QD02-0062-02

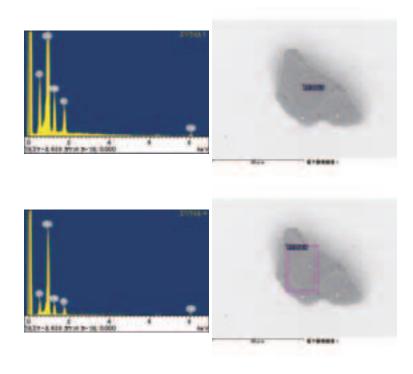
Status	Date	Size	Transfer	Category	Phase
CONSUMED		15µm	-	1	Ірх



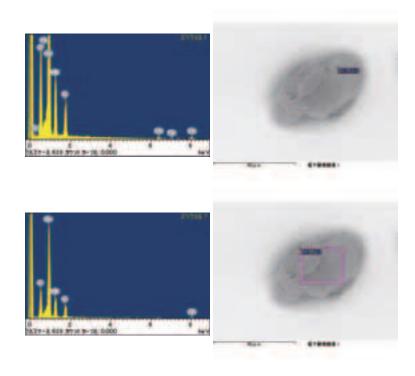
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PS with C-coat, almost consumed			Curation N2-SP3, glovebox2	I .	[ lpx, ol, pl, hpx, tr ]



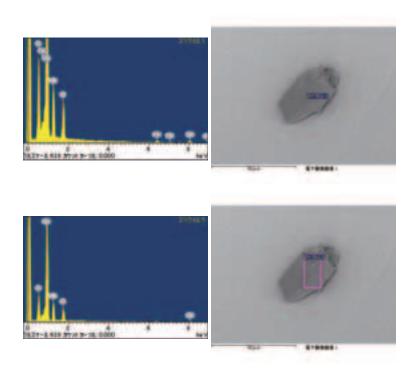
Status	Date	Size	Transfer	Category	Phase
Kyoto Univ		55.4µm	Kyoto Univ	1	ol



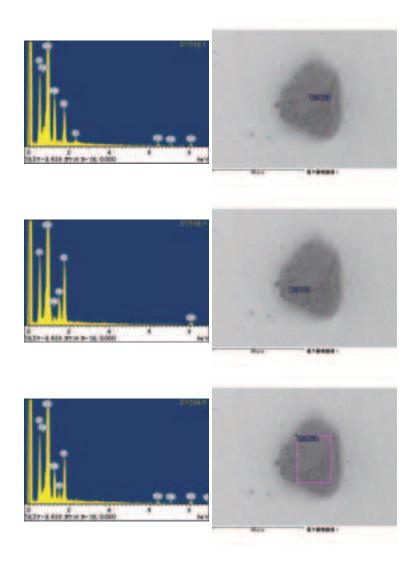
Status	Date	Size	Transfer	Category	Phase
CONSUMED		60µm	-	1	ol



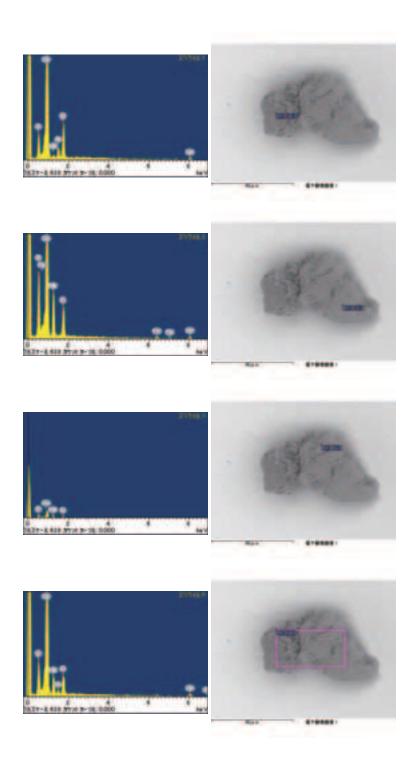
Status	Date	Size	Transfer	Category	Phase
Curation		64.6µ	Curation N2-SP3, Max-Plank-	1	
glovebox2, PS		m	institute,Curation glovebox2	I	[ ol ]



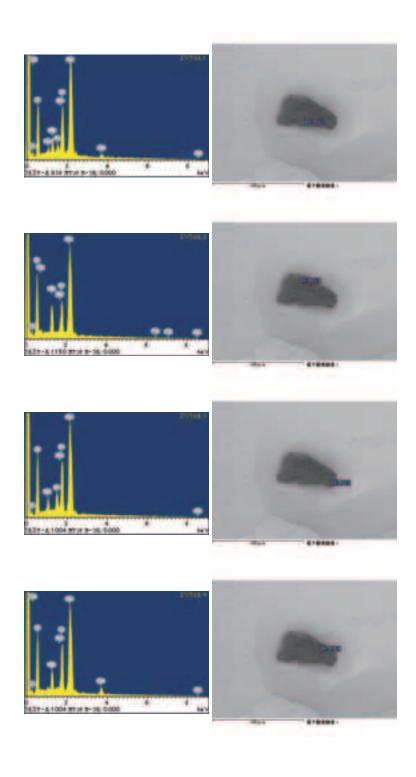
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PS		47.6µm	Curation N2-SP3, glovebox2	1	[ ol, pl ]



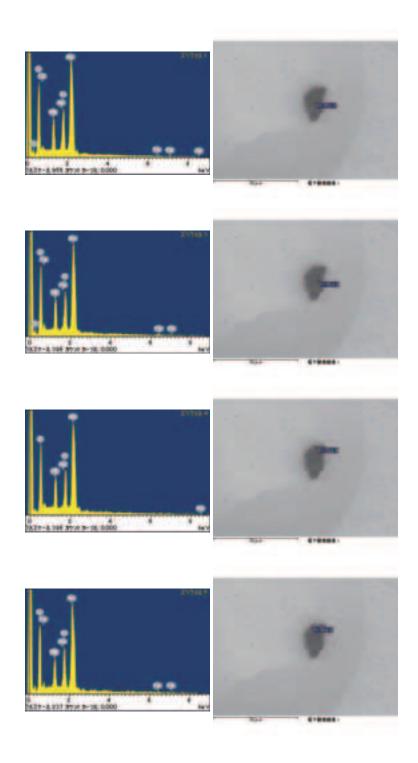
Status	Date	Size	Transfer	Category	Phase
Manchester Univ,		98.6µ	Curation N2-SP3, Manchester	1	ol, pl, hpx, tr, lpx,
PS		m	Univ	1	tae ]



Status	Date	Size	Transfer	Category	Phase
Tohoku		67µ	SG03a8,SG13c3,ICF70-005-SGf0078-	1	hay lay al
Univ		m	4,Tohoku Univ	1	hpx,lpx,pl

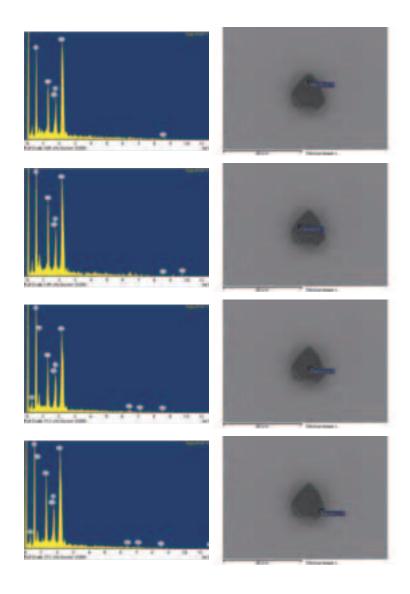


Status	Date	Size	Transfer	Category	Phase
Curation SG13c4	120131	70µm	SG03a9,SG13c4	1	lpx

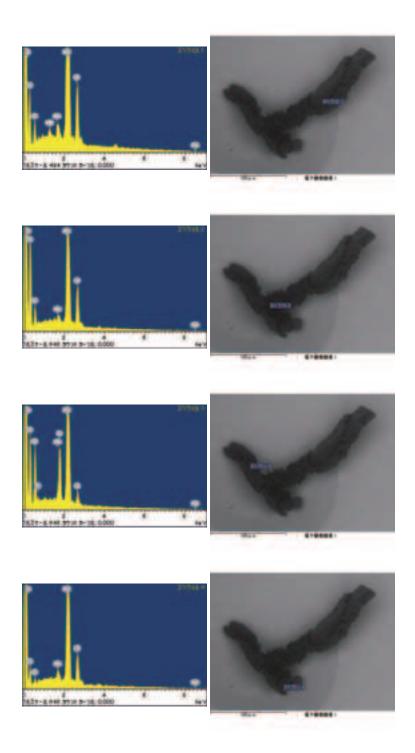


## RA-QD02-0076-02

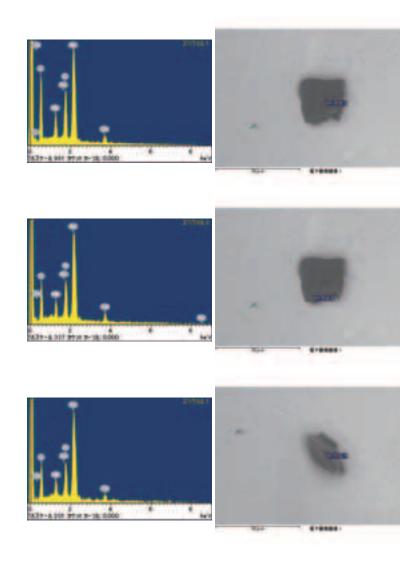
Status	Date	Size	Transfer	Category	Phase
Curation SG10d5		28µm	SG03b5,SG10d5	1	ol



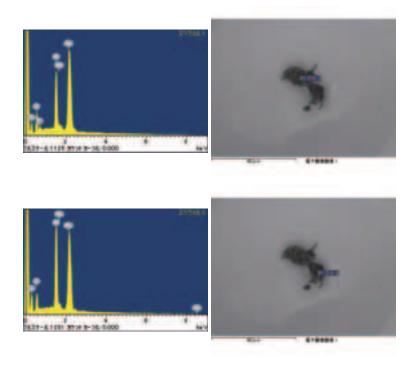
Status	Date	Size	Transfer	Category	Phase
Curation SG05c1	120606	100µm	SG05c1	3	CO,CI,CFO,Mg



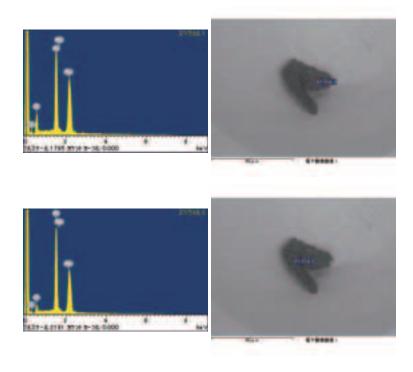
Status	Date	Size	Transfer	Category	Phase
Curation SG13c2		52µm	SG03b8,SG13c2	1	hpx



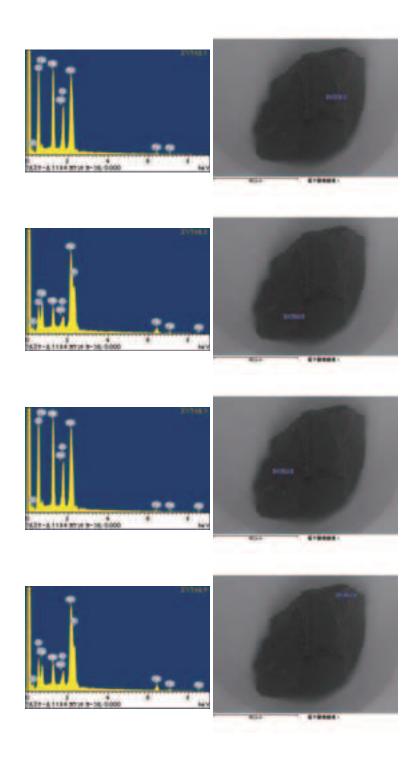
Status	Date	Size	Transfer	Category	Phase
Curation SG07b6	120131	50µm	SG03c0,SG07b6	4	AI,CFO



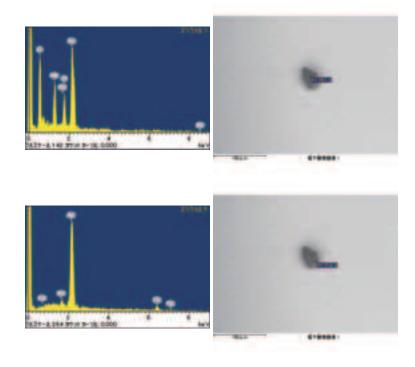
Status	Date	Size	Transfer	Category	Phase
Curation SG07b5	120131	40µm	SG03c2,SG07b5	4	AI,CO



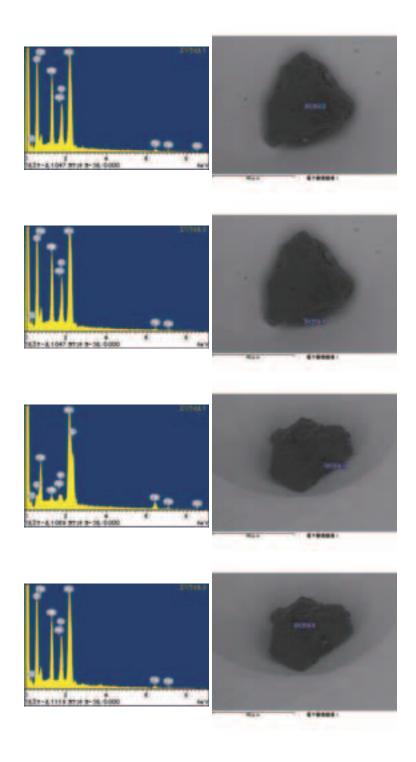
Status	Date	Size	Transfer	Category	Phase
NASA 1200305	1200305		SG03c4,SG03b5,SG03a6,SG13f0,ICF70-007-	2	ol,tr
		m	SGf0068-1		



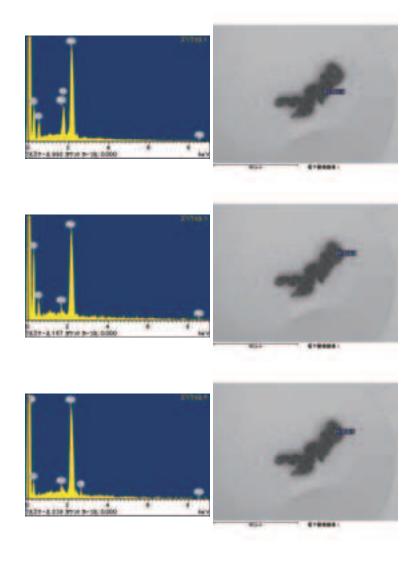
Status	Date	Size	Transfer	Category	Phase
Curation SG13c1	120130	48µm	SG03c7,SG13c1	2	ol,Fe



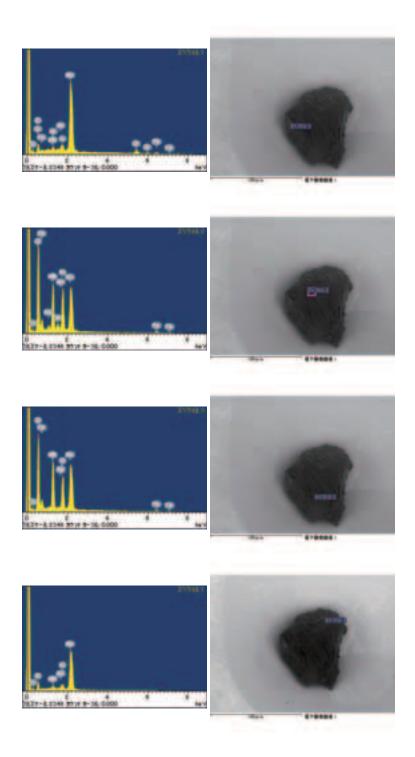
Status	Date	Size	Transfer	Category	Phase
Curation SG13f1	120309	80µm	SG03c8,SG13f1	2	ol,lpx,tr



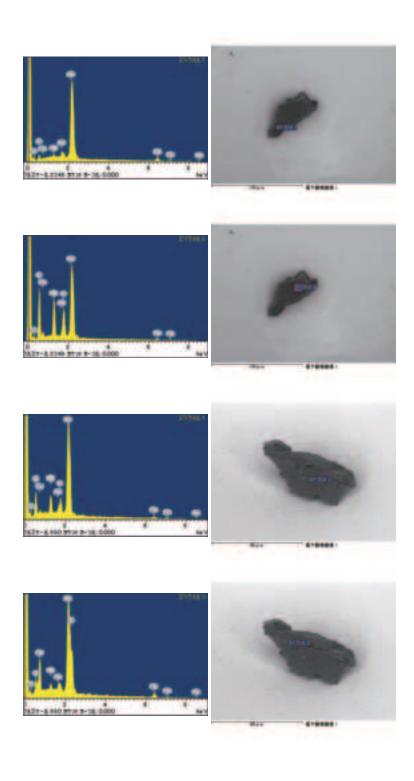
Status	Date	Size	Transfer	Category	Phase
Curation SG05c0	120131	30µm	SG03d0,SG05c0	3	CO,Si,CI



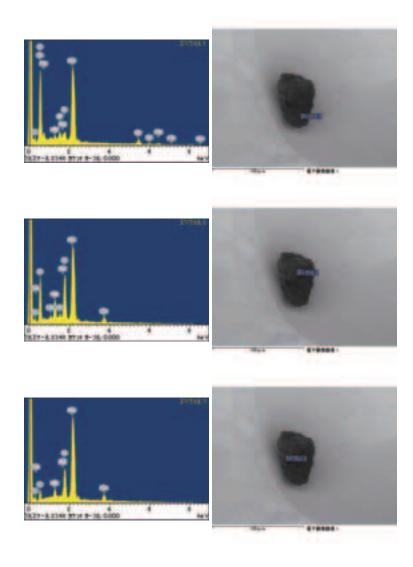
Status	Date	Size	Transfer	Category	Phase
DIVIDED		98µm	Curation, Okayama	1	ol,pl,FeCr



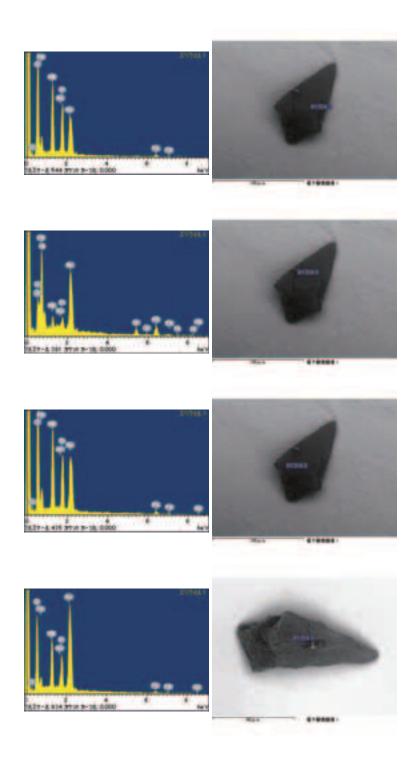
Status	Date	Size	Transfer	Category	Phase
Soken		70µ	SG03d2,SG13b5,ICF70-014-SGf0059, Soken	2	ol,pl,tr
Univ		m	Univ	_	Ui,pi,ii



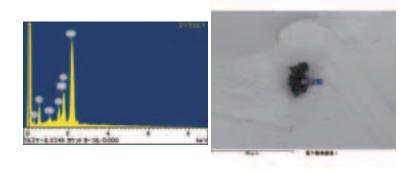
Status	Date	Size	Transfer	Category	Phase
DIVIDED		67µm	Curation,Okayama	1	hpx,pl,FeCr



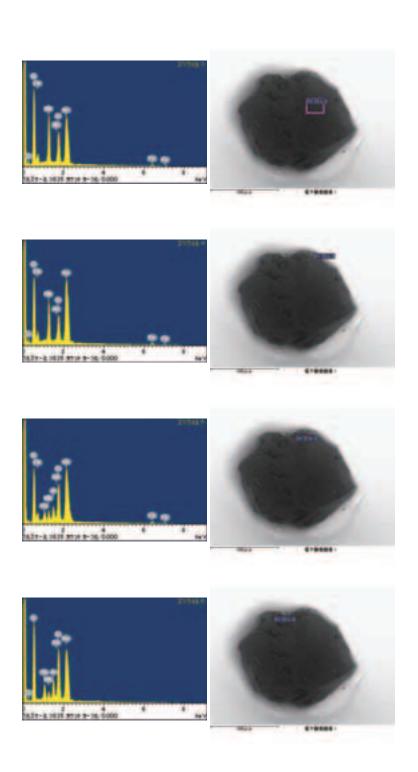
Status	Date	Size	Transfer	Category	Phase
Curation SG13b4	120125	113µm	SG03d3,SG13b4	2	ol,pl,chm



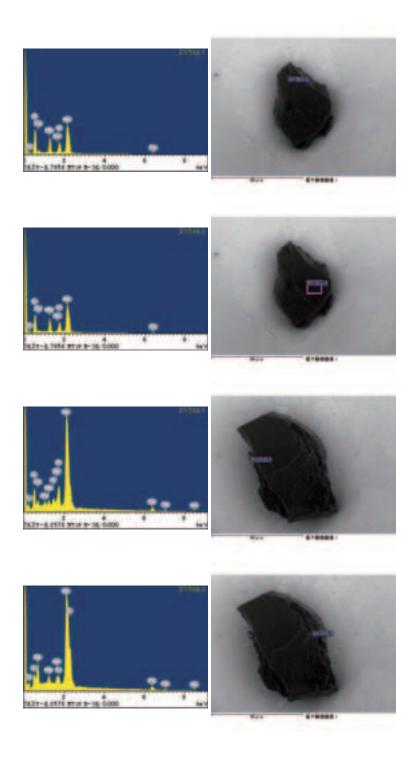
Status	Date	Size	Transfer	Category	Phase
Tokyo Univ		29µm	SG03d5,ICF70-025-SGf0017-1,Tokyo Univ	1	pl



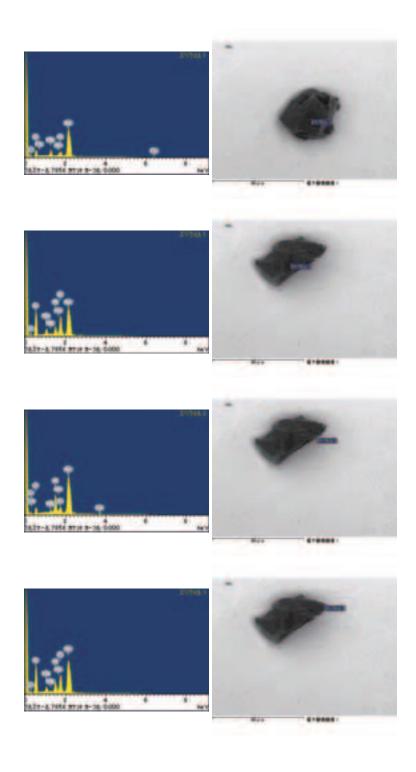
Status	Date	Size	Transfer	Category	Phase
Curation SG13e4	120301	187µm	SG03d7,SG03e9,SG13e4	2	ol,pl,tr



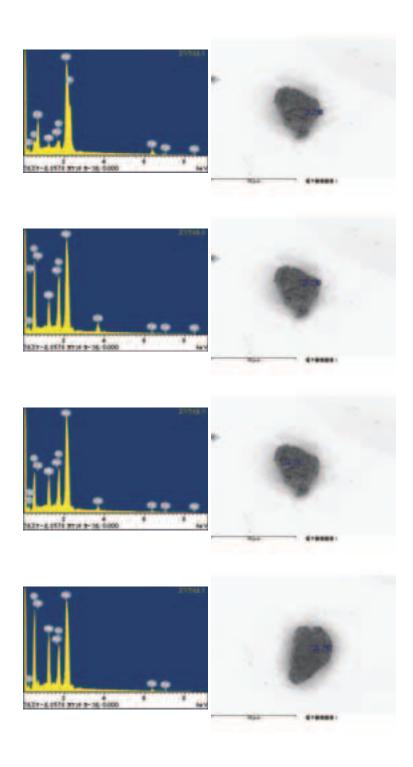
Status	Date	Size	Transfer	Category	Phase
Curation SG13a0	120124	56µm	SG03d9,SG13a0	2	ol,pl,tr



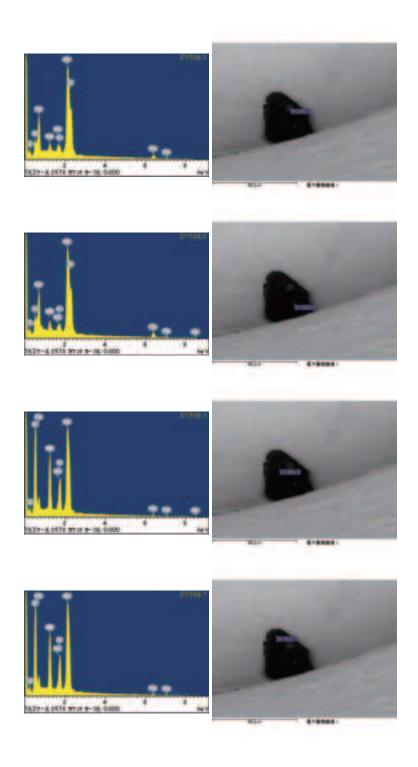
Status	Date	Size	Transfer	Category	Phase
Curation SG03e0	120515	44µm	SG03e0	1	ol,pl,Al



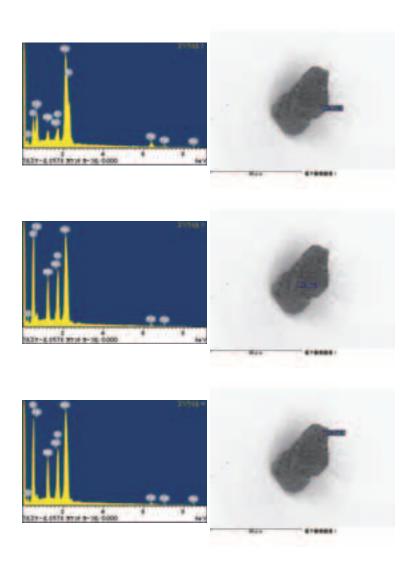
Status	Date	Size	Transfer	Category	Phase
Curation SG13a5	120125	40µm	SG03g1,SG13a5	2	hpx,ol,pl,tr



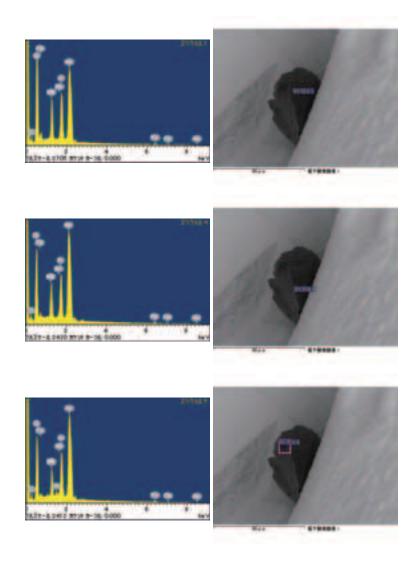
Status	Date	Size	Transfer	Category	Phase
Jena Univ		40µm	SG03e2,ICF70-023-SGf0015-1,Jena Univ	2	ol,tr



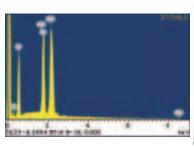
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, particle with C-coat on the Mo plate			Curation,Okayama, Curation N2-SP3 E004, glovebox2	1	lpx,tr



Status	Date	Size	Transfer	Category	Phase
DIVIDED	120608	47µm	Curation-Okayama	1	lpx

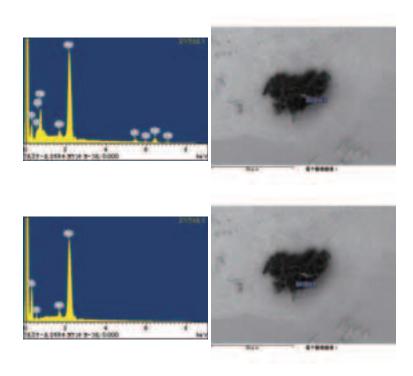


Status	Date	Size	Transfer	Category	Phase
Curation SG03e6	120515	37µm	SG03e6	4	SiO

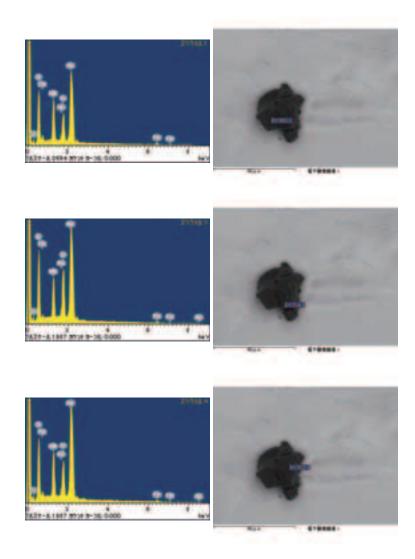




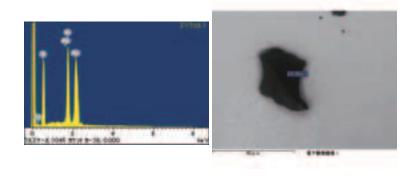
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, large FIB hole, pressed on Au plate		zoµ m	Curation N2-SP3 E009, pressed on Au plate, Kochi core Center,Curation N2-SP3,glovebox2	3	CO,FeCr



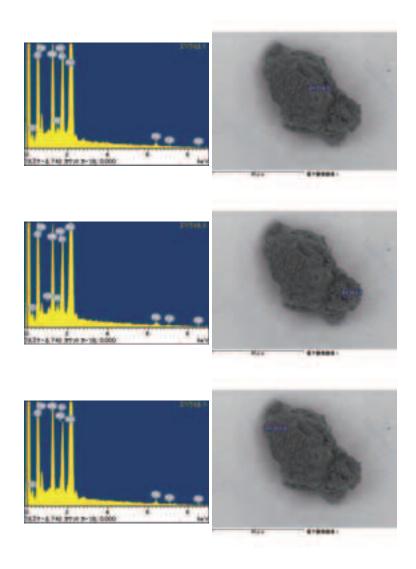
Status	Date	Size	Transfer	Category	Phase
DIVIDED	120608	47µm	Curation-Okayama	1	ol,lpx



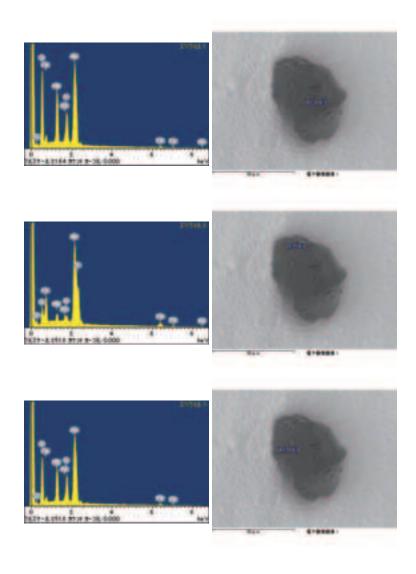
Status	Date	Size	Transfer	Category	Phase
Curation SG03e8	120515	58µm	SG03e8	4	SiO



Status	Date	Size	Transfer	Category	Phase
NASA	111207	56µm	SG03e9,ICF70-011-SGf0001-C,NASA	1	ol,pl

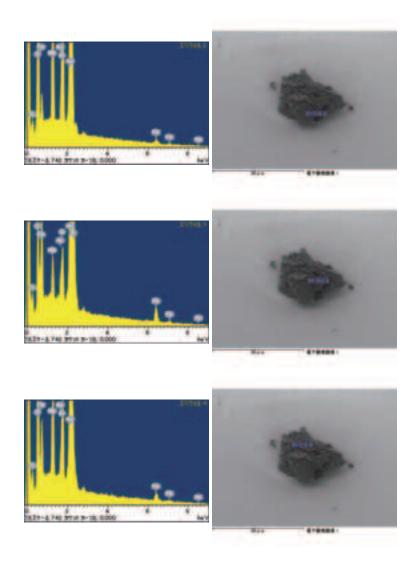


Status	Date	Size	Transfer	Category	Phase
NASA	120814	37µm	SG03f3,ICF70-027-SGf0019-3,NASA	2	ol,tr



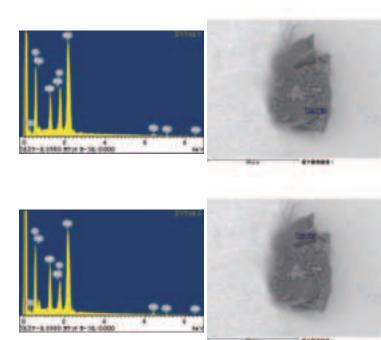
## RA-QD02-0126-01

Status	Date	Size	Transfer	Category	Phase
NASA	111207	41µm	SG03f2,ICF70-013-SGf0003-C,NASA	2	lpx,tr



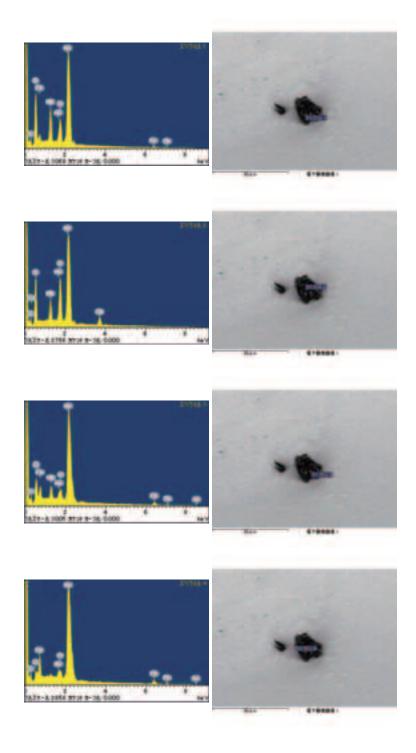
## RA-QD02-0126-02

Status	Date	Size	Transfer	Category	Phase
BROKEN		23µm	SG03f2	2	lpx,ol,tr

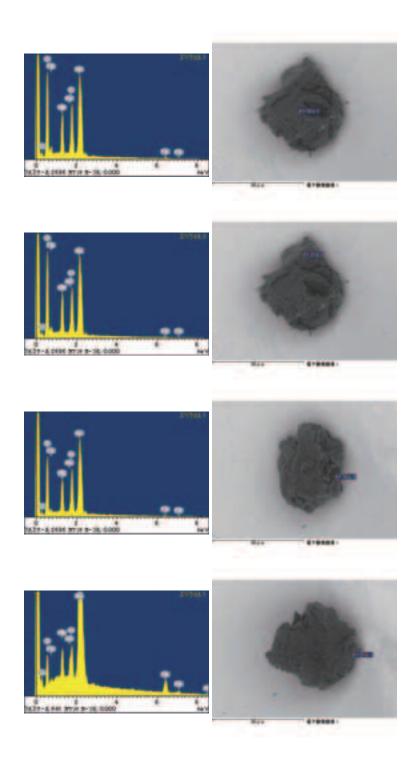


## RA-QD02-0126-03

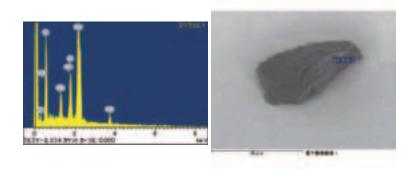
Status	Date	Size	Transfer	Category	Phase
Curation SG03g9	120515	9µm	SG03g9	2	ol,hpx,Fe



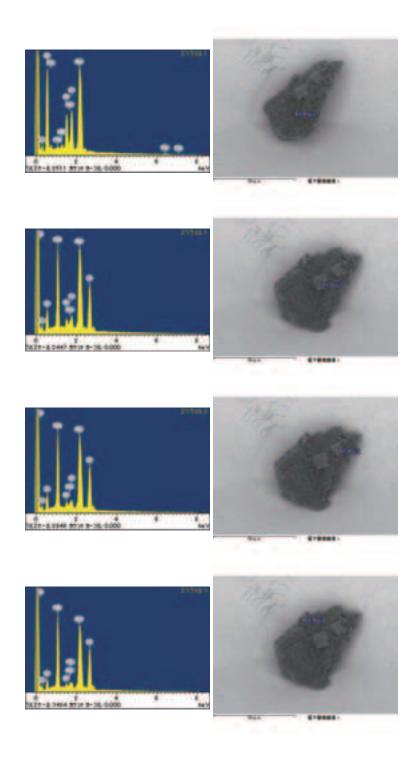
Status	Date	Size	Transfer	Category	Phase
Soken Univ		55µm	SG03f0, ICF70-0017-SGf0062-1, Soken Univ	1	lpx



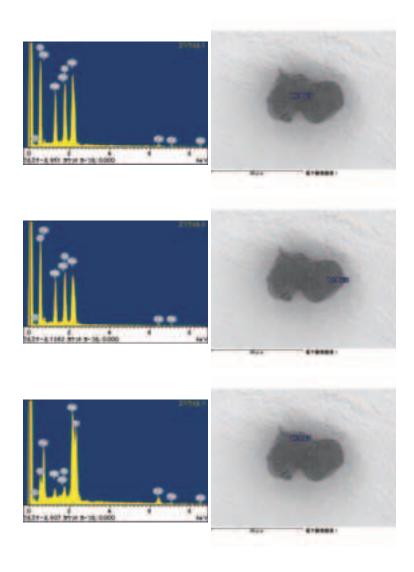
Status	Date	Size	Transfer	Category	Phase
Curation SG03f4	120515	38µm	SG03f4	1	hpx



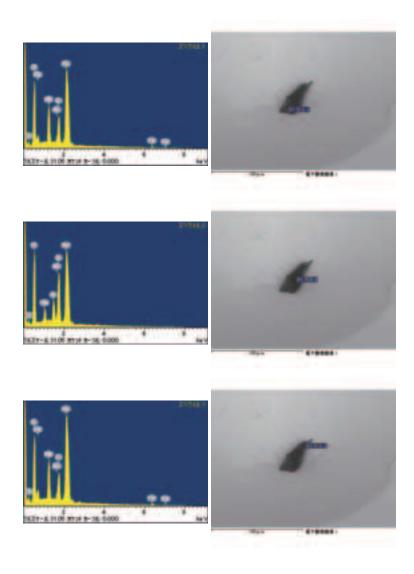
Status	Date	Size	Transfer	Category	Phase
Curation SG05a0	120106	40µm	SG05a0	2	pl,NaCl



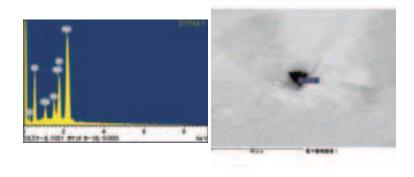
Status	Date	Size	Transfer	Category	Phase
NASA	111207	45µm	SG03f5,ICF70-014-SGf0004-C,NASA	1	lpx,tr



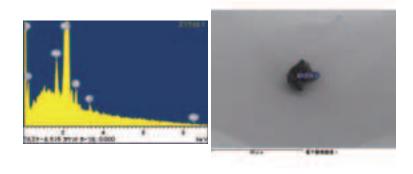
Status	Date	Size	Transfer	Category	Phase
Tokyo Univ		53µm	SG03f7,ICF70-025-SGf0017-2,Tokyo Univ	1	ol,pl



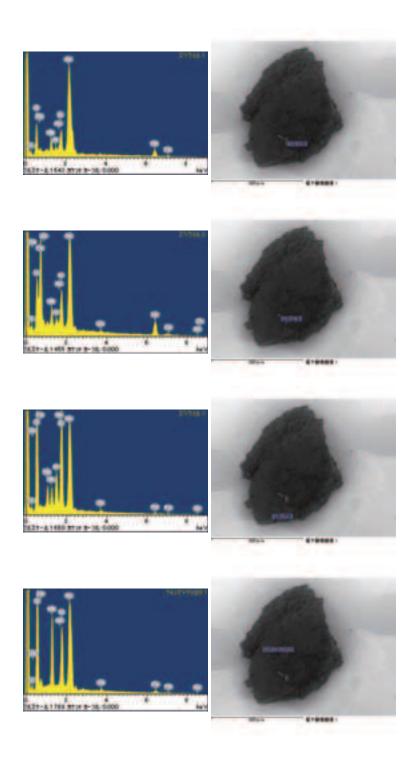
Status	Date	Size	Transfer	Category	Phase
Curation SG03g8	120515	9µm	SG03g8	1	pl



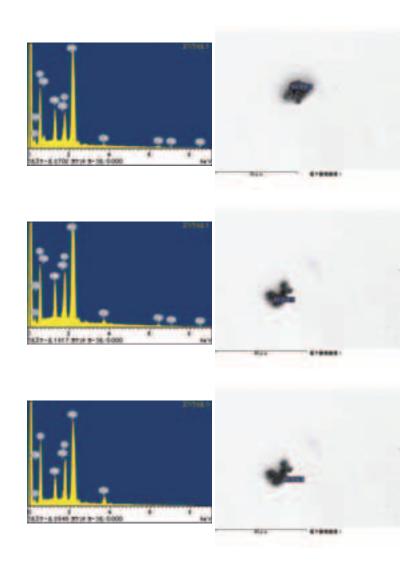
Status	Date	Size	Transfer	Category	Phase
Curation SG03f8	120515	21µm	SG03f8	3	KCI



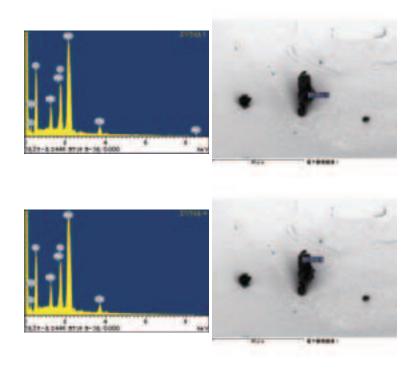
Status	Date	Size	Transfer	Category	Phase
Curation AuMU		310µm	SG03h0,SG13e5,SiNhat1,AuMU	2	hpx,lpx,ol,pl,tr



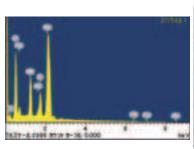
Status	Date	Size	Transfer	Category	Phase
Curation SG03g5	120515	13µm	SG03g5	1	hpx

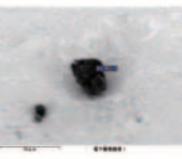


Status	Date	Size	Transfer	Category	Phase
Curation SG03h2	120515	22µm	SG03h2	1	hpx

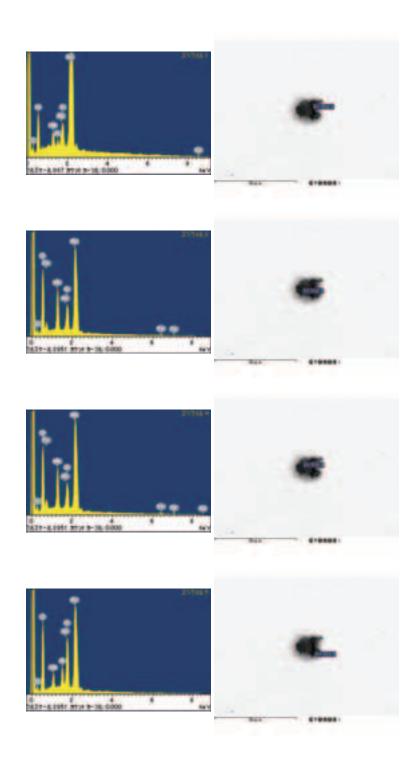


Status	Date	Size	Transfer	Category	Phase
Curation SG03h7	120515	8µm	SG03h2	1	ol

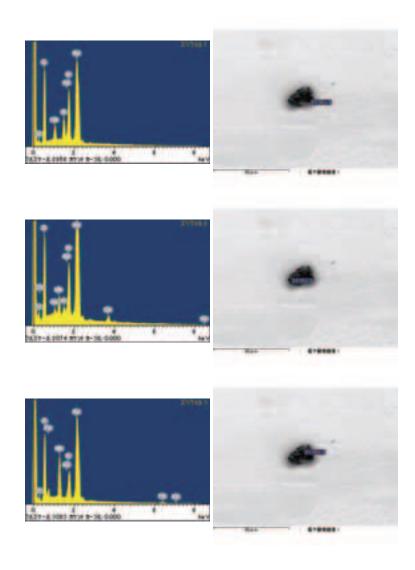




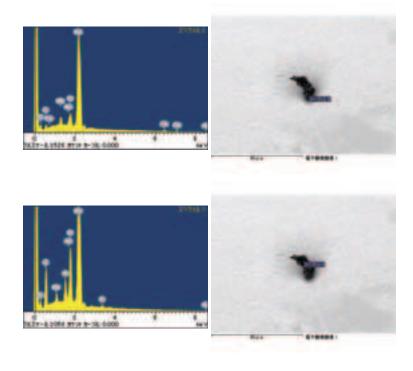
Status	Date	Size	Transfer	Category	Phase
ESA ESTEC		10µm	SG03h9,ICF70-016,ESA ESTEC	1	ol,pl



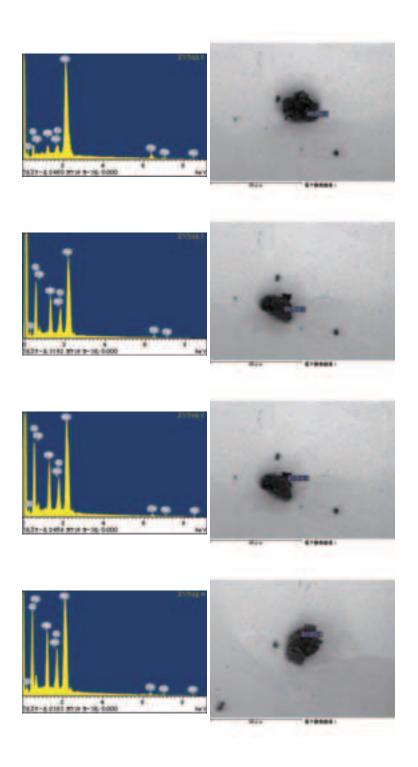
Status	Date	Size	Transfer	Category	Phase
Curation SG03h5	120515	8µm	SG03h5	1	pl,ol



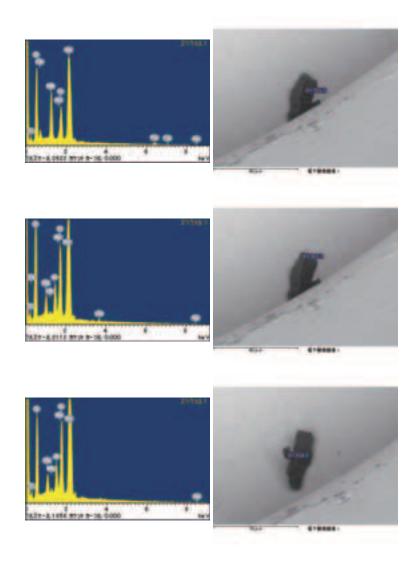
Status	Date	Size	Transfer	Category	Phase
Curation SG03h3-4	120515	14µm	SG03h3-4	1	lpx,K-fld



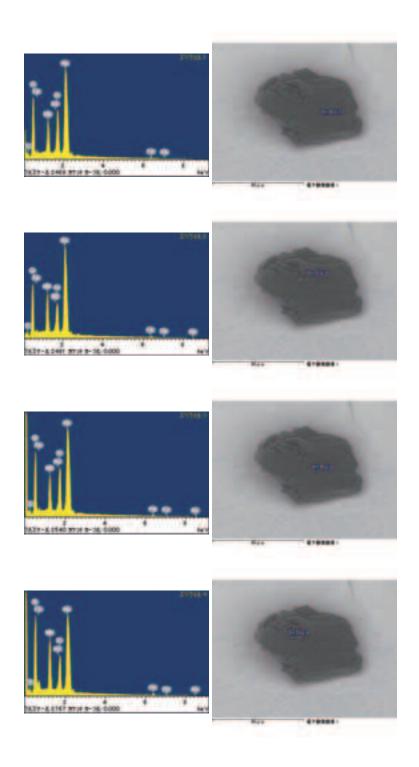
Status	Date	Size	Transfer	Category	Phase
NASA	120924	26µm	SG03h1,ICF70-001-SGf0021-LC,NASA	1	ol,lpx,pl



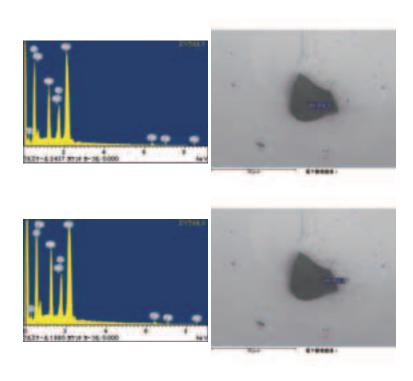
Status	Date	Size	Transfer	Category	Phase
Tokyo Univ		49µm	SG03f9,ICF70-025-SGf0017-3,Tokyo Univ	1	ol,pl



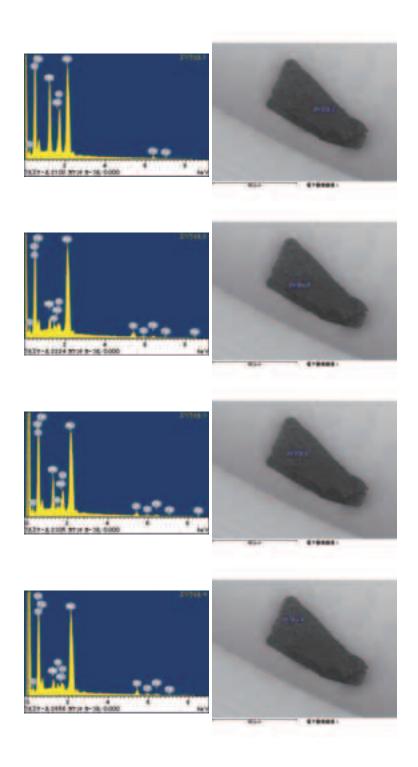
Status	Date	Size	Transfer	Category	Phase
NASA	111212	49µm	SG03i1,ICF70-020-SGf0010-C,NASA	1	lpx,ol



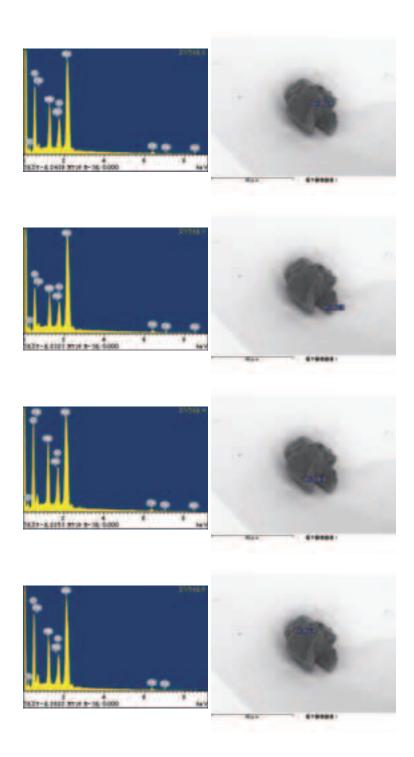
Status	Date	Size	Transfer	Category	Phase
CONSUMED		54µ	SG03i2,ICF34-8-SGaa8-	1	
		m	1,Au10s6,NagaoHolderS3,Tokyo Univ	l	ol



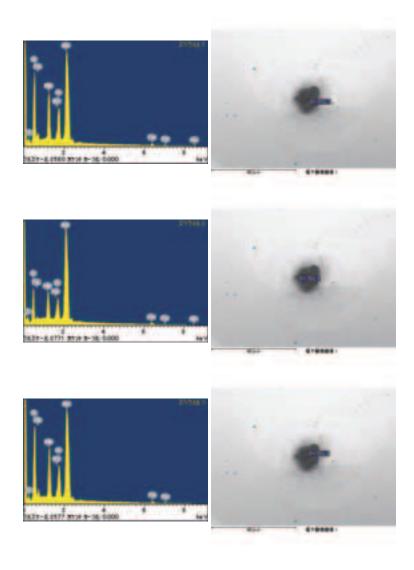
Status	Date	Size	Transfer	Category	Phase
Curation SG03i3	120515	110µm	SG03i3	2	ol,chm



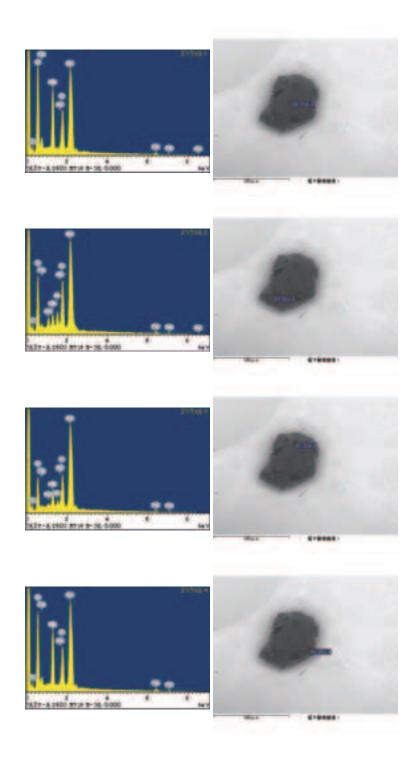
Status	Date	Size	Transfer	Category	Phase
Curation SG03i8	120515	51µm	SG03i8	1	ol



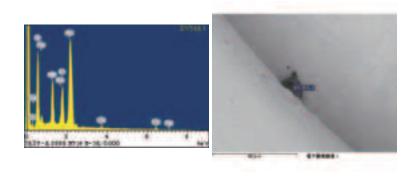
Status	Date	Size	Transfer	Category	Phase
Curation SG03i9	120515	29µm	SG03i9	1	ol



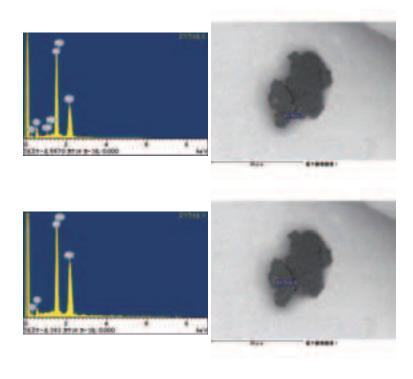
Status	Date	Size	Transfer	Category	Phase
NASA	111214	87µm	SG08a3,ICF70-003-SGf0023-LC,NASA	1	ol,pl



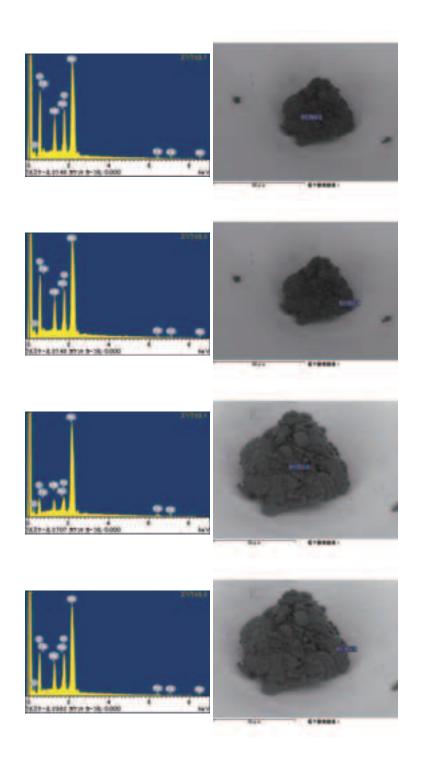
Status	Date	Size	Transfer	Category	Phase
lbaraki Univ	120515	56µm	SG08a7,ICF70-0007-SGf0075-4, lbaraki Univ	1	ol,hpx



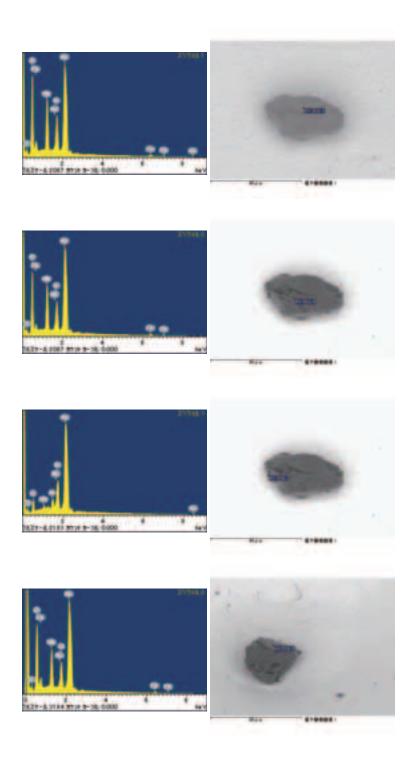
Status	Date	Size	Transfer	Category	Phase
Curation SG07a6	110902	50µm	SG07a6	4	Al



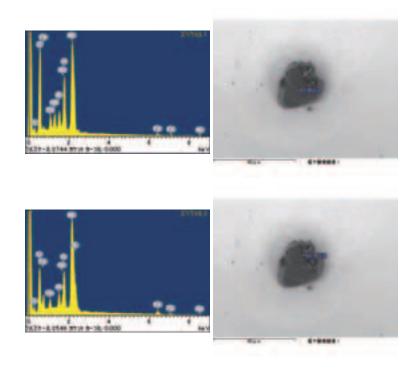
Status	Date	Size	Transfer	Category	Phase
NASA	111208	44µm	SG08c0,ICF70-015-SGf0005-C,NASA	1	Ірх



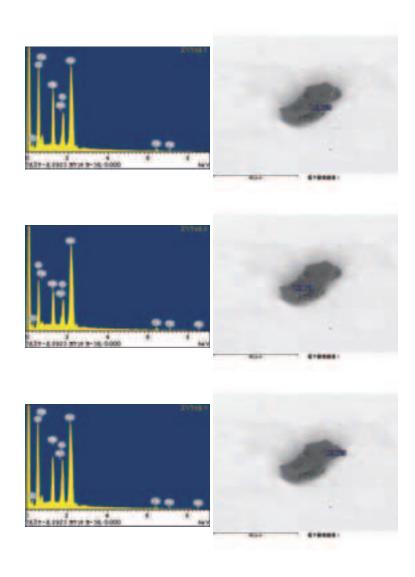
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, attached to carbon fiber using acetone-soluble bond		σ/μ m	SG08a9,SG16a2,Tohoku Univ,Curation N2- SP3,glovebox2	1	ol,pl



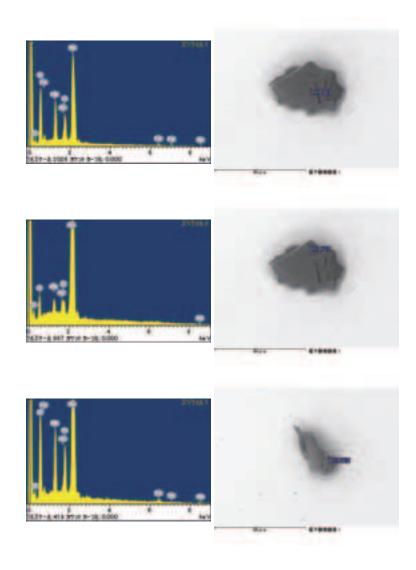
Status	Date	Size	Transfer	Category	Phase
Curation SG08a5	120515	38µm	SG08a5	2	pl,FeS



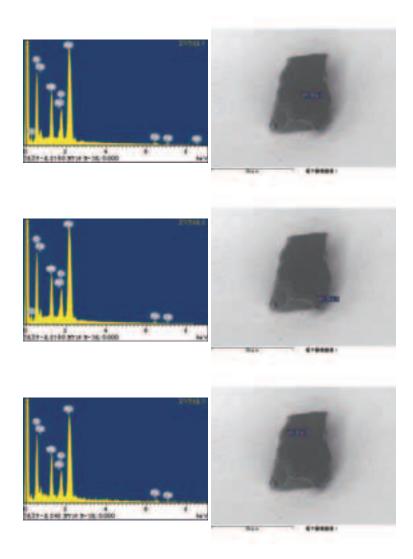
Status	Date	Size	Transfer	Category	Phase
Manchester			SG08b4,ICF70-026-SGf0018-1,Manchester	1	ol
Univ		m	Univ		



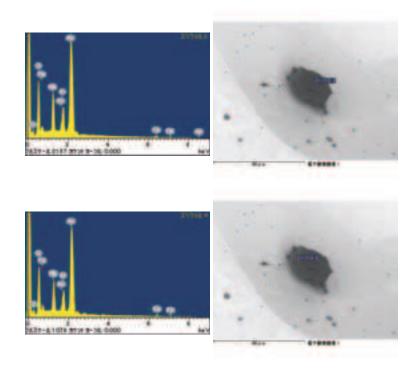
Status	Date	Size	Transfer	Category	Phase
Curation SG08c4	120515	35µm	SG08c4	1	ol



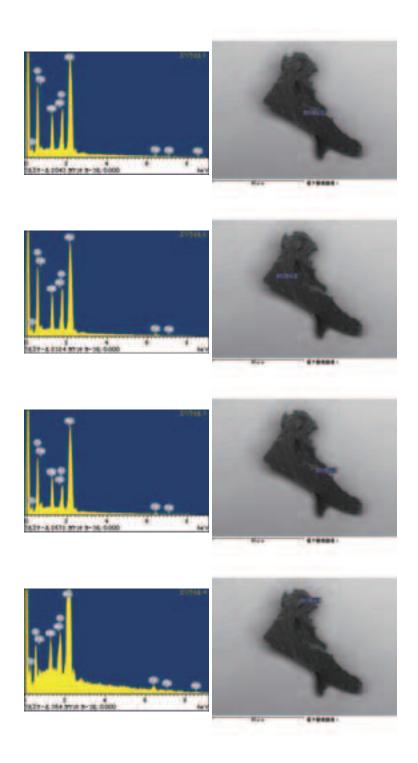
Status	Date	Size	Transfer	Category	Phase
CONSUMED		45µm	SG08c6,Au10s5,NagaoHolderS1,Tokyo Univ	1	ol



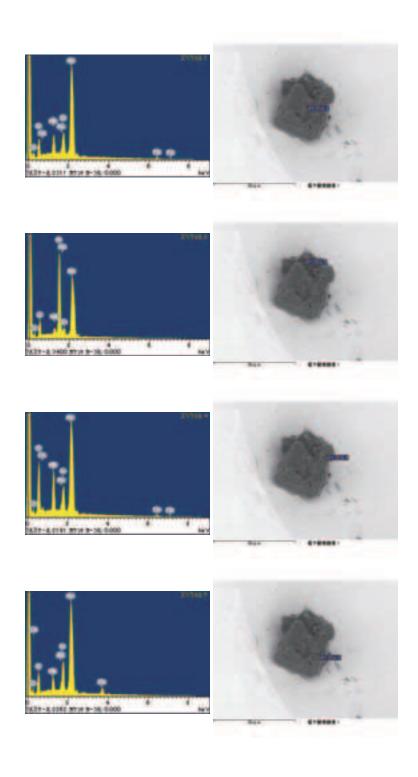
Status	Date	Size	Transfer	Category	Phase
Curation SG08c8	120515	41µm	SG08c8	1	ol



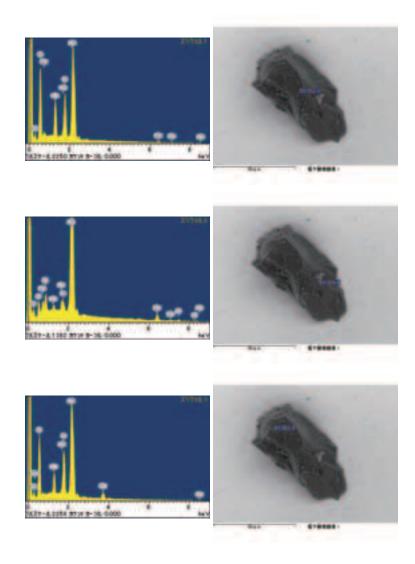
Status	Date	Size	Transfer	Category	Phase
Open Univ		59µm	SG08c2,ICF34-003-SGaa3,Open Univ	1	lpx,ol



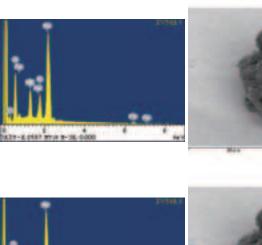
Status	Date	Size	Transfer	Category	Phase
IPAG-		30µ	SG08e1,ICF34-002-SGaa6,IPAG-	1	hpx,ol,Al
PLANETO		m	PLANETO		ripx,oi,Ai



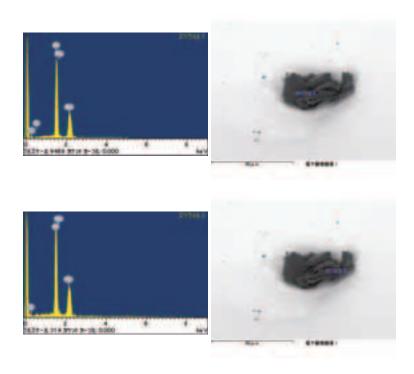
Status	Date	Size	Transfer	Category	Phase
Curation SG08e5		45µm	SG08e5	2	lpx,hpx,FeNi



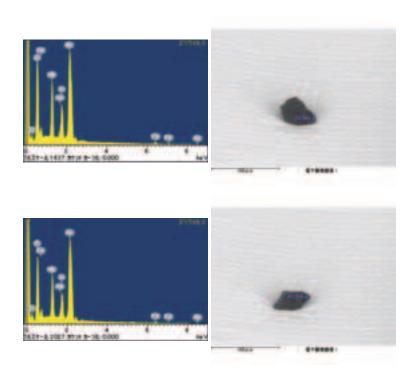
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, attached to carbon fiber using acetonesoluble bond		∠5µ m	SG08e3,ICF70-021- SGf0012-1,Kyoto Univ, N2- SP3, glovebox2	1	ol



Status	Date	Size	Transfer	Category	Phase
Curation SG07a7	120106	54µm	SG07a7	4	Al

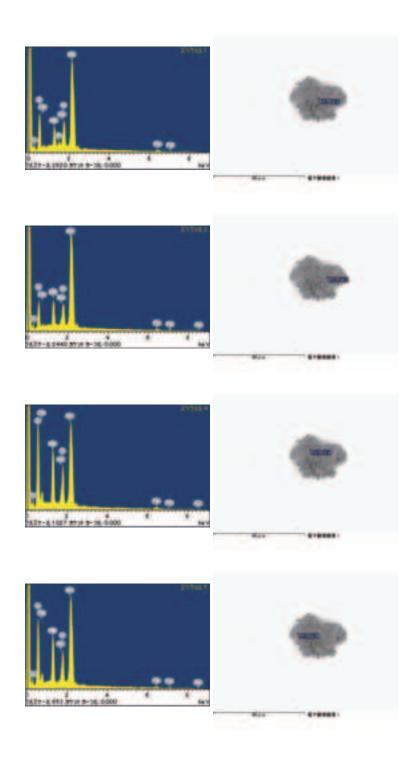


Status	Date	Size	Transfer	Category	Phase
CONSUMED		47µ	SG08e7,ICF70-022-SGf0014-1,Max-Planck-	1	ol
CONCONED		m	Institute		



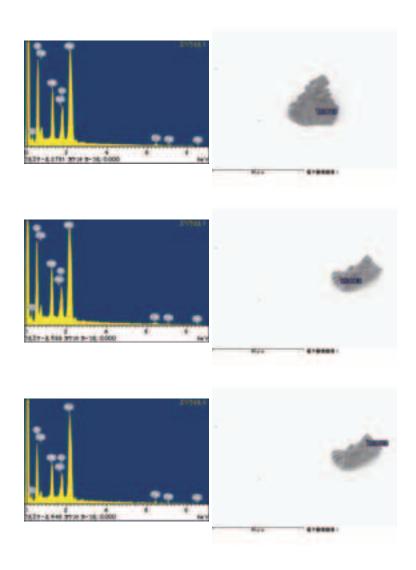
## RA-QD02-0168-1

Status	Date	Size	Transfer	Category	Phase
Curation SG08g4	120515	38µm	SG08g4	1	ol,pl

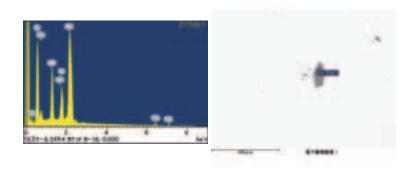


## RA-QD02-0168-2

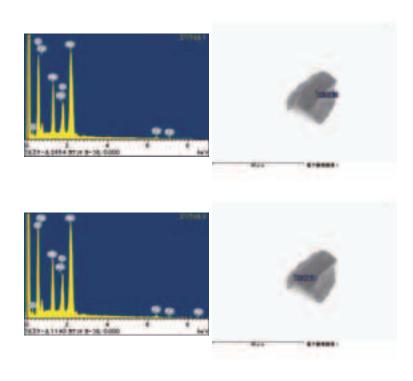
Status	Date	Size	Transfer	Category	Phase
Curation SG08g0	120515	26µm	SG08g0	1	ol



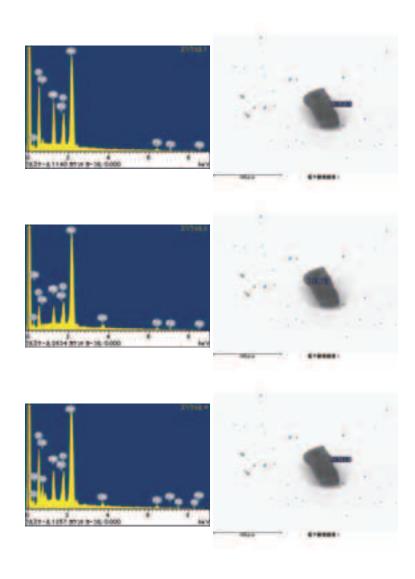
Status	Date	Size	Transfer	Category	Phase
Hokkaido Univ	120515	44µm	SG08g6,ICF70-003-SGf0076-3	1	ol



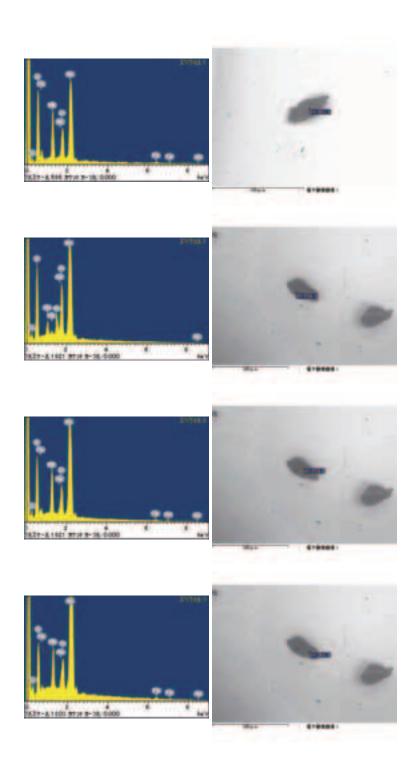
Status	Date	Size	Transfer	Category	Phase
lbaraki Univ		38µm	SG08e9,ICF70-007-SGf0075-3, Ibaraki Univ	1	ol



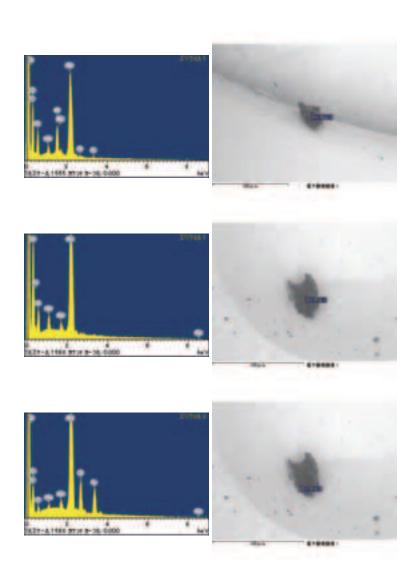
Status	Date	Size	Transfer	Category	Phase
Curation SG08g2	120515	65µm	SG08g2	2	ol,hpx,FeNi



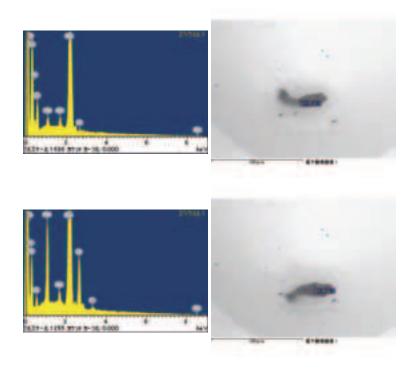
Status	Date	Size	Transfer	Category	Phase
Tokyo Univ		50µm	SG09a1,ICF70-025-SGf0017-4,Tokyo Univ	1	ol,pl



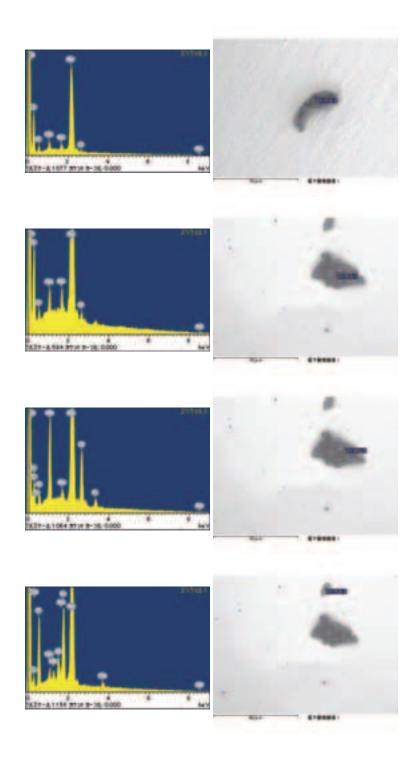
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, large FIB hole, pressed on ln disk		m	SG05b8,AuFIB1-lower, Nagoya Univ, Kochi core center,Curation glovebox2		CO,KCI,NaCI



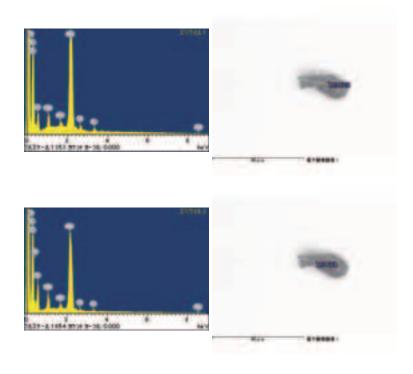
Status	Date	Size	Transfer	Category	Phase
Curation SG05b6	120106	55µm	SG05b6	3	CNO,NaCI,KCI



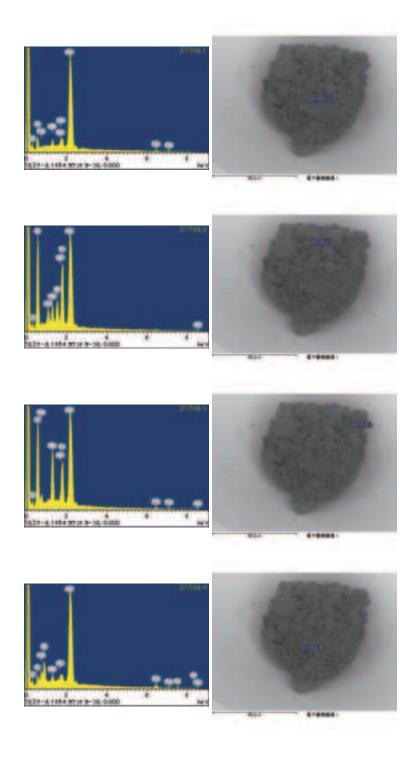
Status	Date	Size	Transfer	Category	Phase
Curation SG05b7	120106	46µm	SG05b7	3	CNO,NaCI,KCI



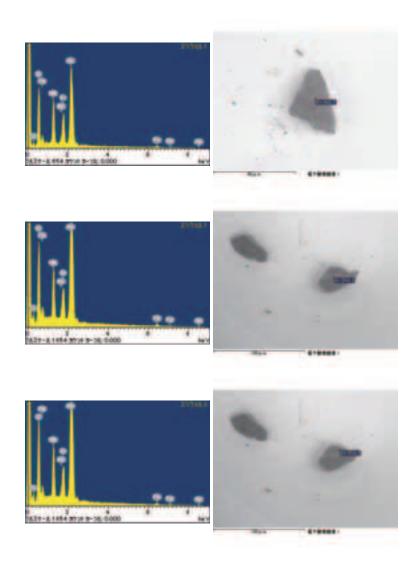
Status	Date	Size	Transfer	Category	Phase
Curation SG05b4	120106	38µm	SG05b4	3	CNO,KCI,NaCI



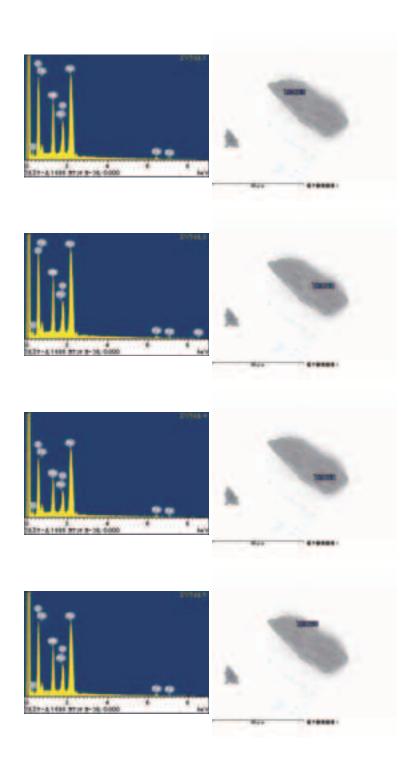
Status	Date	Size	Transfer	Category	Phase
JAXA		128µm	SG09a1,SG13f2,JAXA	2	ol,pl,FeNi



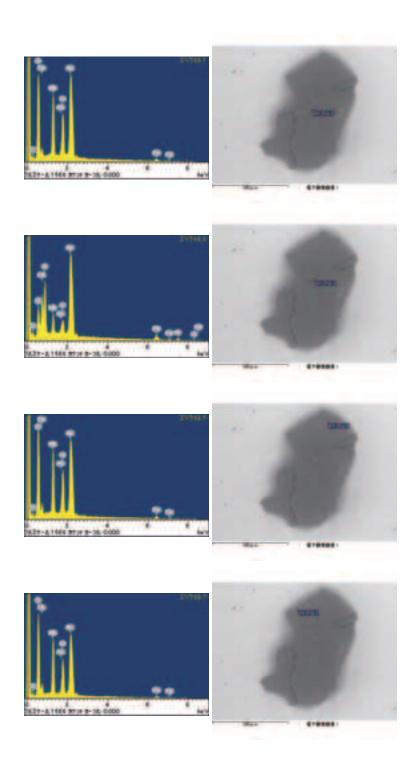
Status Dat	Size	Transfer	Category	Phase
NMNS	49µm	SG09a2,ICF70-NMNS-SGKa01, NMNS	1	ol



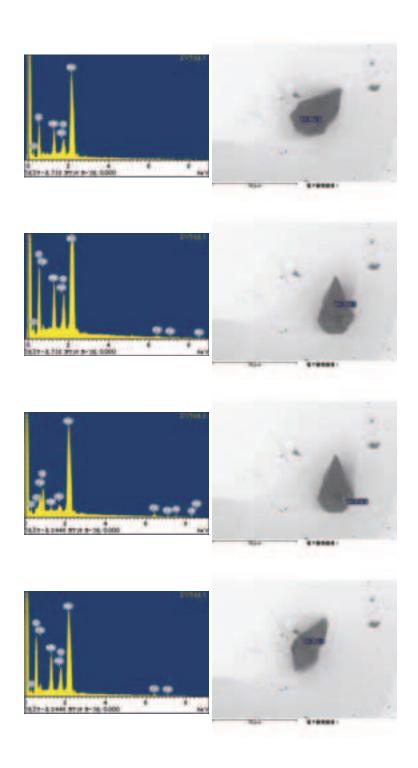
Status	Date	Size	Transfer	Category	Phase
Manchester		61µ	SG09b0,ICF70-026-SGf0018-2,Manchester	1	ol
Univ		m	Univ	1	Oi



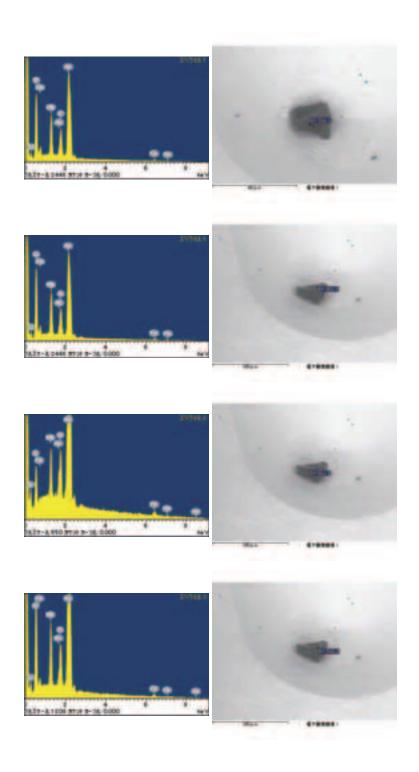
Status	Date	Size	Transfer	Category	Phase
NASA JSC	120522		SG09c2,SG13f3,ICF70-013-SGf0058, NASA JSC	2	ol,FeNi,tr



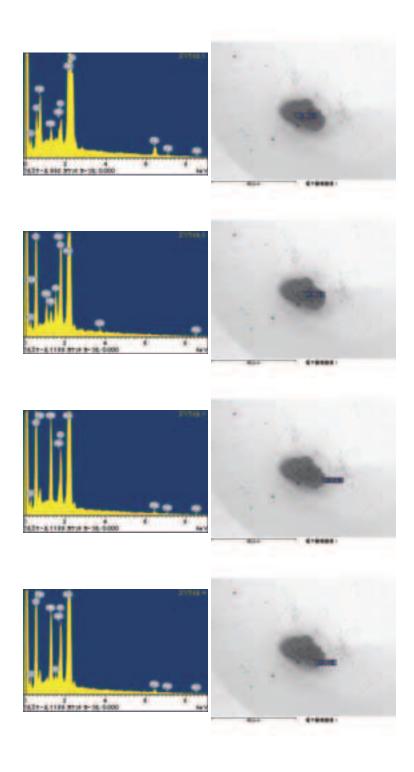
Status	Date	Size	Transfer	Category	Phase
JAXA			SG09a5,SG13d2,ICF70-0095-SGf0087-S1,	2	ol,pl,tr,FeNi
	m	m	JAXA	_	01,01,01,01



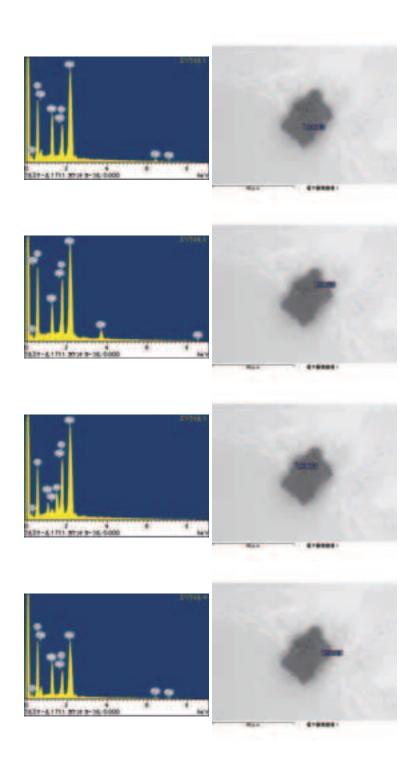
Status	Date	Size	Transfer	Category	Phase
JAXA ICF70-		55µ	SG09b1,SG13d0, ICF70-V007-K0081,	1	ol
V004-KA04		m	ICF70-V004-KA04	1	OI



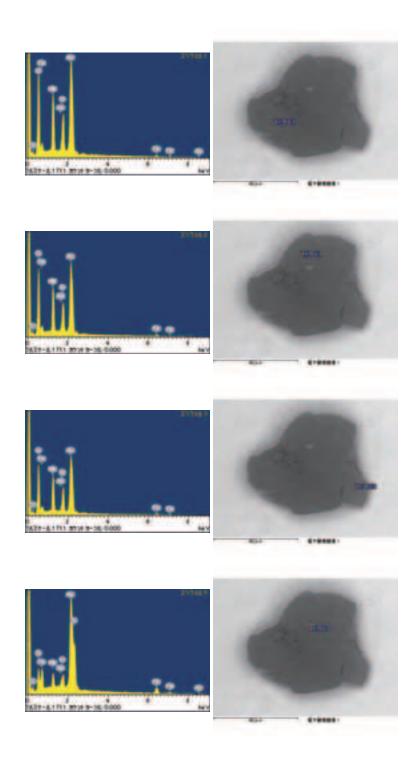
Status			Transfer	Category	Phase
NA CA 1112	111216	46µ	SG09a4,SG09a3,ICF70-006-SGf0026-	2	al al bay tr
INASA	111210	m	LC,NASA		ol,pl,hpx,tr



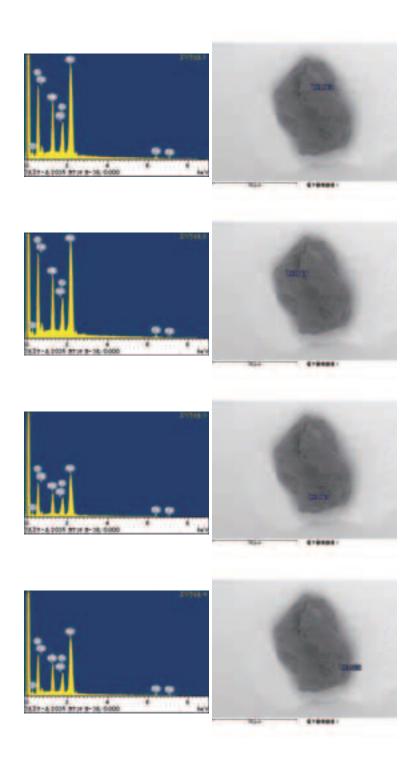
Status	Date	Size	Transfer	Category	Phase
NASA	111216	48µm	SG09b2,ICF70-005-SGf0025-LC,NASA	1	ol,hpx,pl



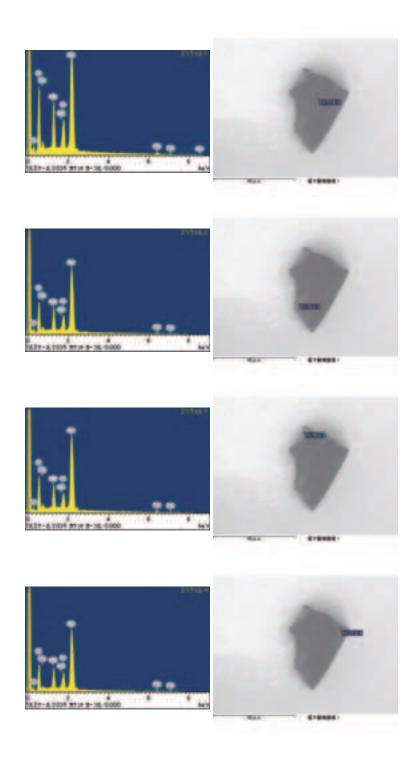
Status	Date	Size	Transfer	Category	Phase
Manchester		126µ	SG09c3,SG09e3,SG13c5,ICF70-V001-	2	ol,tr
Univ		m	SGf0083-4,Manchester Univ	2	Oi,u



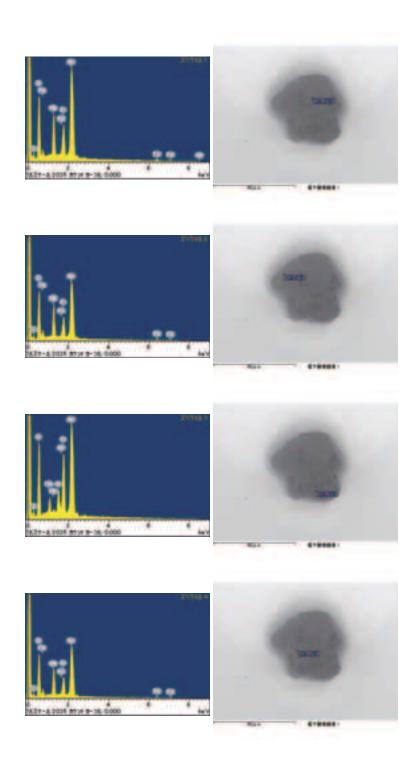
Status	Date	Size	Transfer	Category	Phase
NASA	120515	83µm	SG09b4,ICF70-008-SGf0069-1, NASA	2	ol,tr



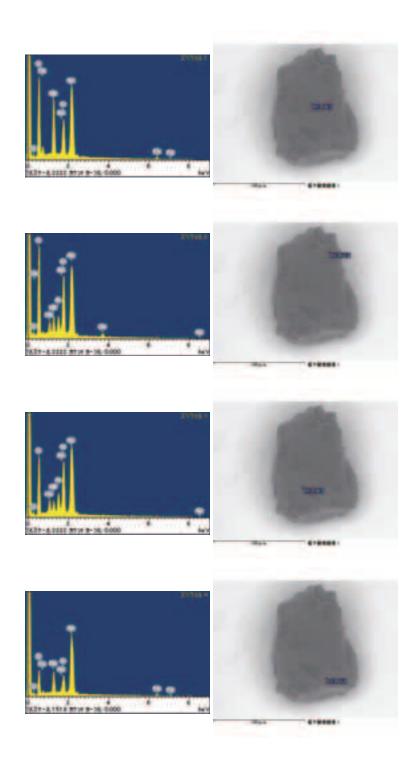
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PS		m	SG09b5,ISASContainerSG,RodHolderJ2,Ibaraki Univ, Univ of Wisconsin, Curation N2-SP3, glovebox2	1	ol



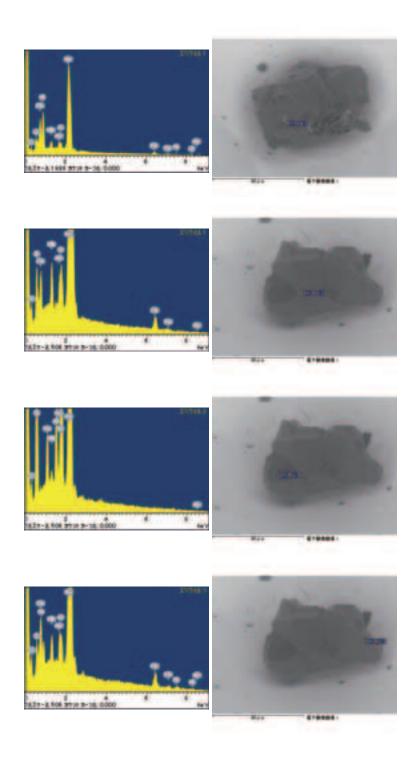
Status	Date	Size	Transfer	Category	Phase
Manchester	120807	59µ	SG09c0,ICF70-026-SGf0018-	1	ol pl
Univ	120007	m	3,Manchester Univ	ı	ol,pl



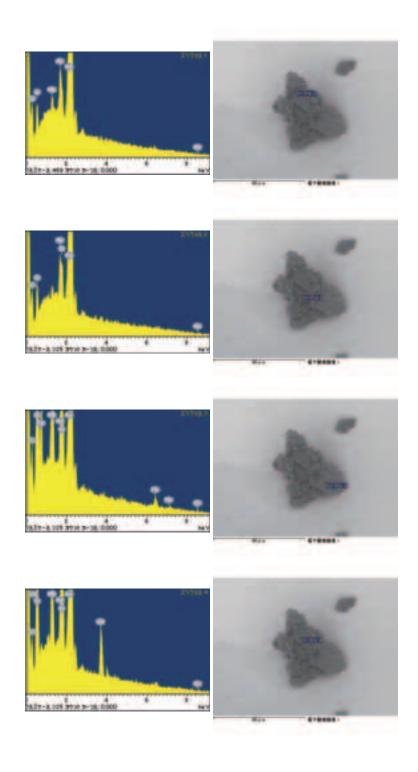
Status	Date	Size	Transfer	Category	Phase
CONSUMED			SG09c1,SG13f4,ParkCopperHolder,Rutgers Univ	2	ol,pl,chm



Status Date	Size	Transfer	Category	Phase
JAXA	88µm	SG09d2,SG13d4,ICF70-0095-SGf0087-S2, JAXA	2	ol,FeNi,pl

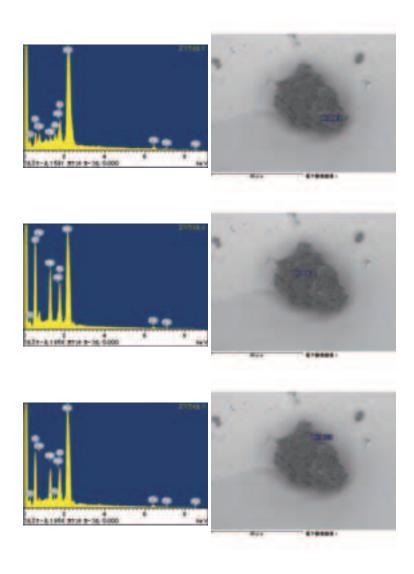


Status	Date	Size	Transfer	Category	Phase
NASA	111209	58µm	SG09d1,ICF70-019-SGf0009-C,NASA	1	ol,hpx



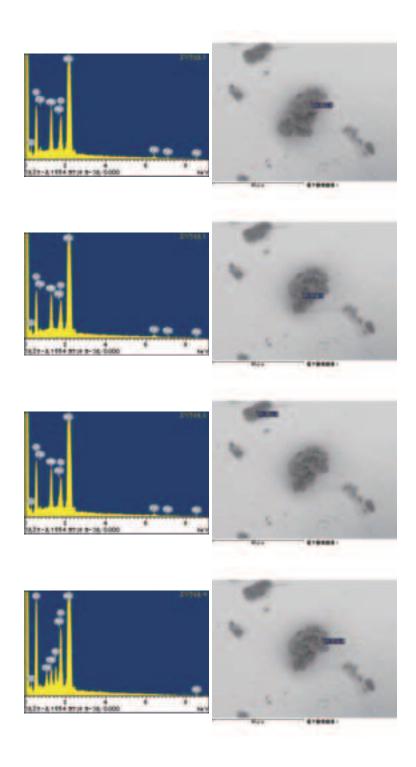
## RA-QD02-0202-1

Status	Date	Size	Transfer	Category	Phase
NASA	111214	56µm	SG09d3,ICF70-002-SGf0022-LC,NASA	1	ol,pl

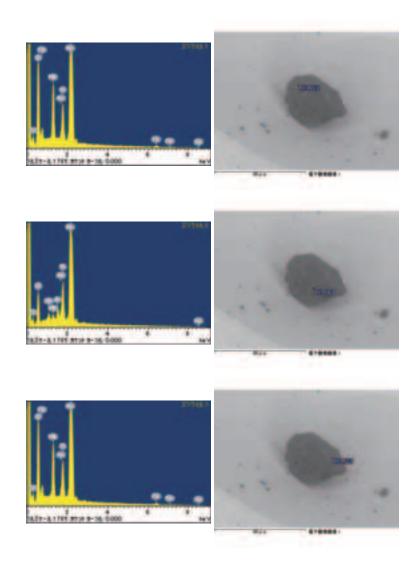


## RA-QD02-0202-2

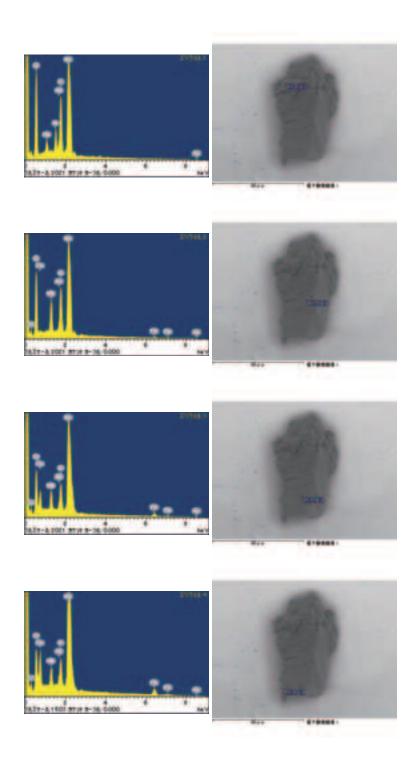
Status	Date	Size	Transfer	Category	Phase
Curation SG09d3	120515	28µm	SG09d3	1	ol,pl



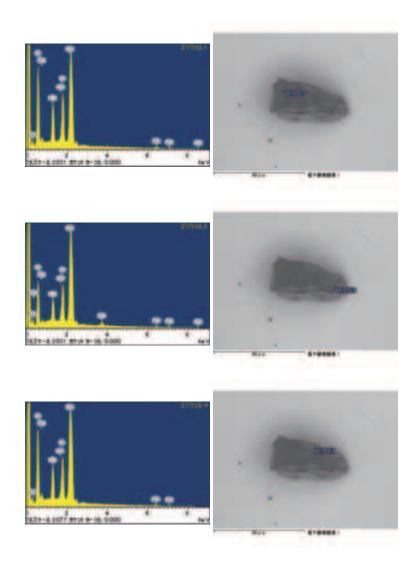
Status	Date	Size	Transfer	Category	Phase
JAXA		45µm	SG09c4, JAXA	1	ol,pl



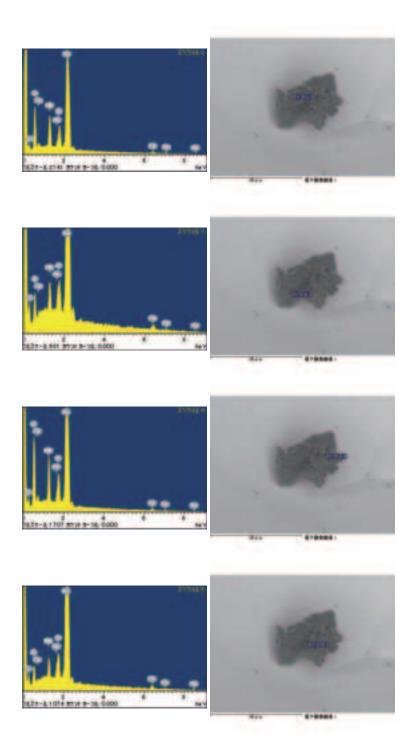
Status	Date	Size	Transfer	Category	Phase
Tohoku	120515	83µ	SG09c5,SG09d45,ICF70-005-SGf0078-	1	lpx,pl,K-
Univ	120313	m	2,Tohoku Univ	I	fld



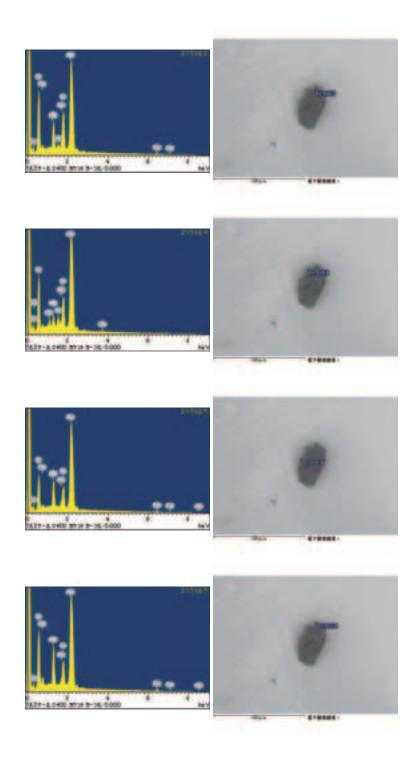
Status	Date	Size	Transfer	Category	Phase
Curation SG13d3	120216	55µm	SG09d0,SG09e0,SG13d3	1	lpx,hpx



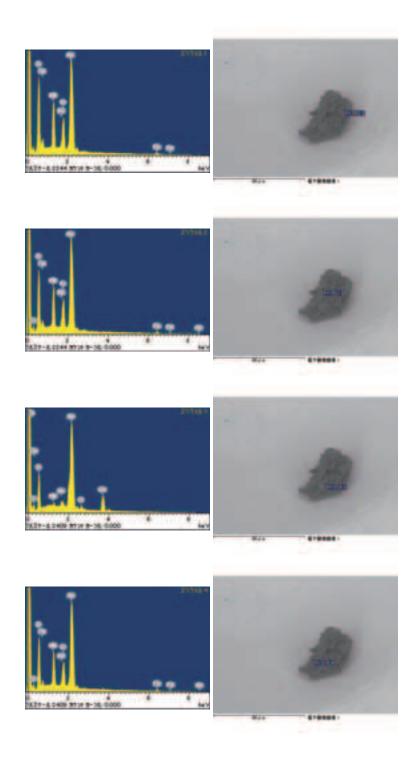
Status	Date	Size	Transfer	Category	Phase
Curation SG09d5	120515	24µm	SG09d5	1	ol,lpx



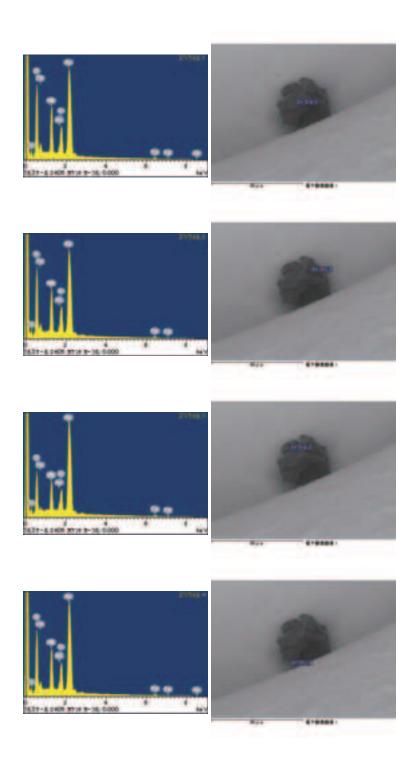
Status	Date	Size	Transfer	Category	Phase
Curation SG13d1	120216	54µm	SG09e0,SG13d1	1	ol,pl



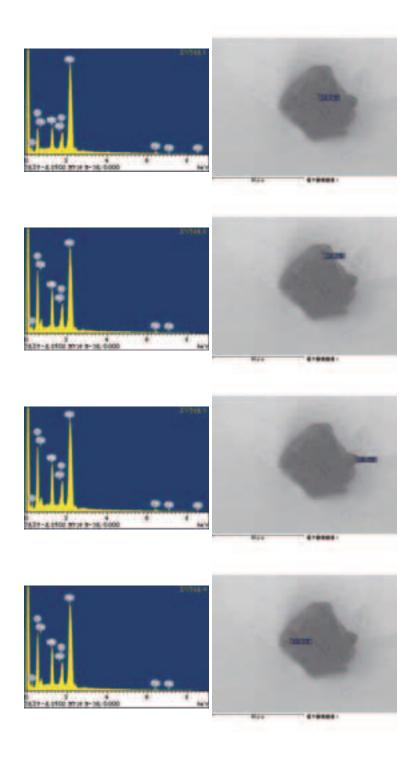
Status	Date	Size	Transfer	Category	Phase
BROKEN		44µm	SG09e4	2	ol,(Ca,Cl)



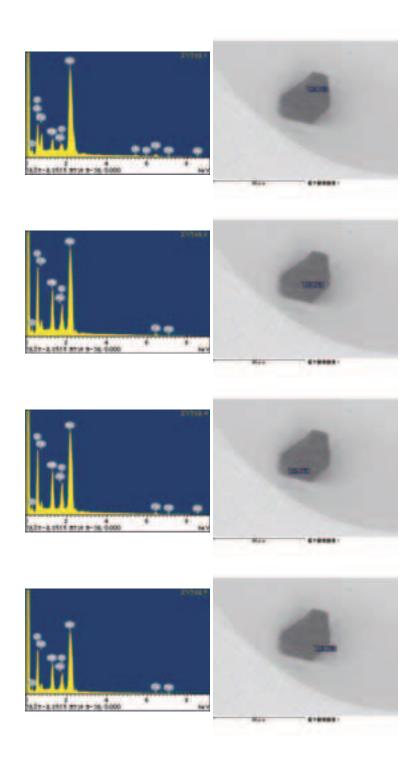
Status	Date	Size	Transfer	Category	Phase
CONSUMED		50μ m	SG09e2,ICF70-022-SGf0014-2,Max-Planck- Institute	1	ol



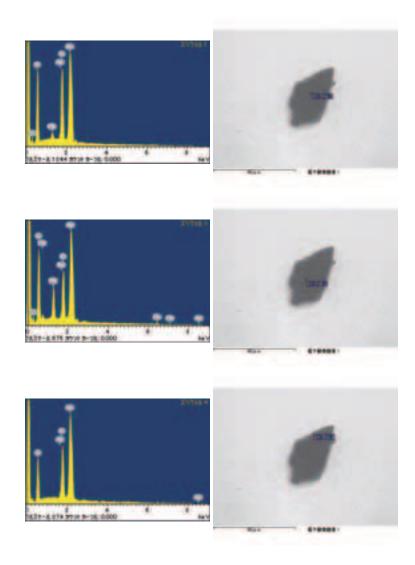
Status	Date	Size	Transfer	Category	Phase
Curation SG09e5	120515	37µm	SG09e5	2	ol,(Mg,Ca,Na)



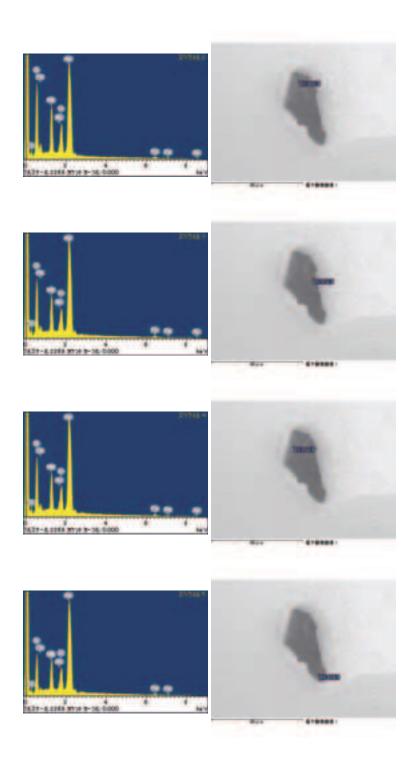
Status Date	Size	Transfer	Category	Phase
NASA	41µm	SG09e1,ICF70-027-SGf0019-1,NASA	2	ol,tr



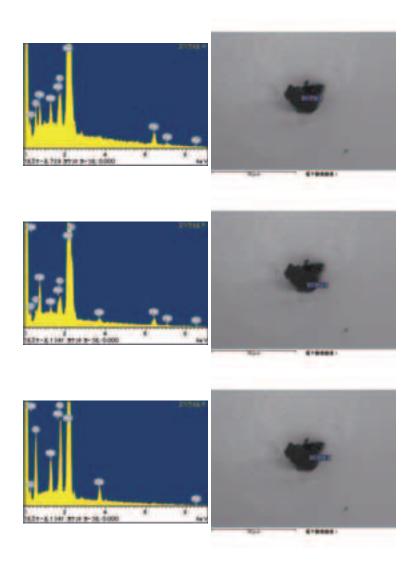
Status	Date	Size	Transfer	Category	Phase
Curation SG07a9	120106	58µm	SG07a9	4	SiO



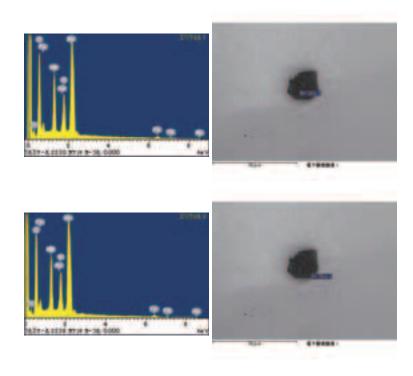
Status	Date	Size	Transfer	Category	Phase
CRPG-CNRS		54µm	SG09e3,ICF70-024-SGf0016-2,CRPG-CNRS	1	ol



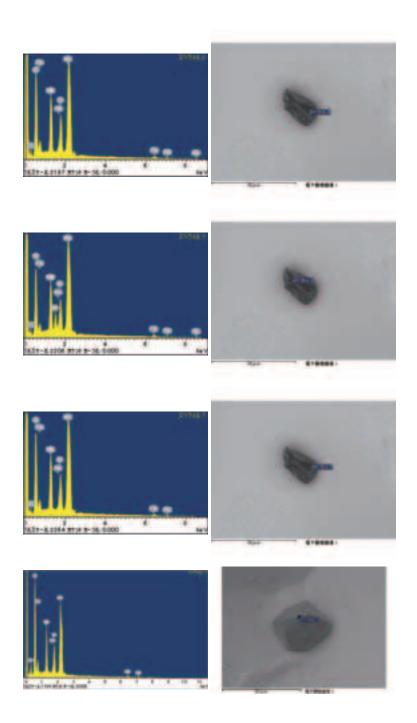
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, attached to carbon fiber using acetone-soluble bond		m	SG09f0,SG16a1,Tohoku Univ,Curation N2-SP3, glovebox2	2	hpx,tr



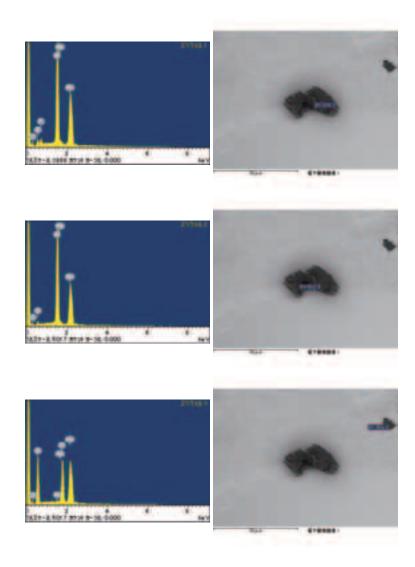
Status	Date	Size	Transfer	Category	Phase
NASA	120924	31µm	SG09f2,ICF70-004-SGf0024-LC,NASA	1	ol



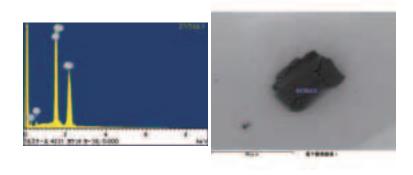
Status	Date	Size	Transfer	Category	Phase
NASA	120824	38µm	SG09f3,ICF70-028-SGf0020-2,NASA	1	ol,Al



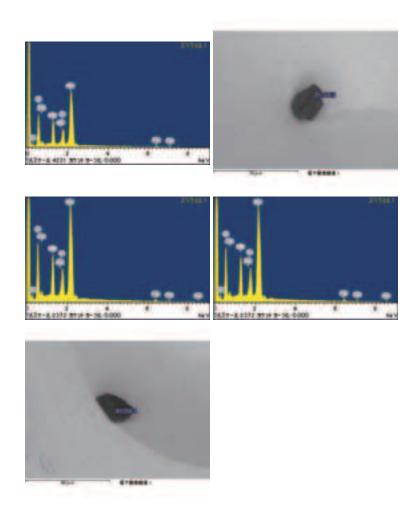
Status	Date	Size	Transfer	Category	Phase
Curation SG07b0	120106	50µm	SG07b0	4	AI,CFO



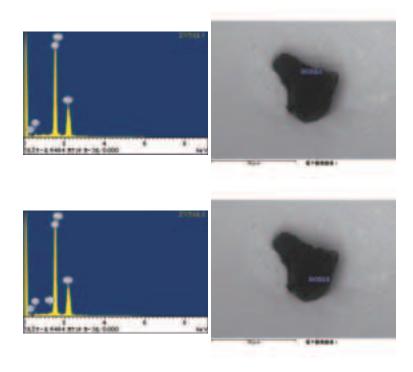
Status	Date	Size	Transfer	Category	Phase
Curation SG07b1	120106	57µm	SG07b1	4	Al



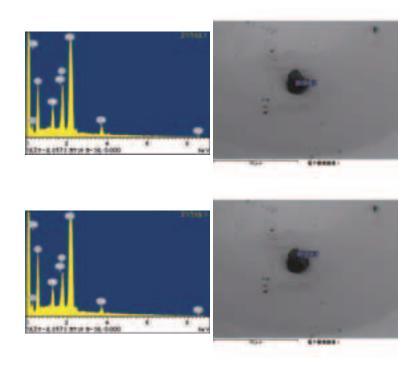
Status	Date	Size	Transfer	Category	Phase
Curation SG09f1	120515	35µm	SG09f1	1	ol



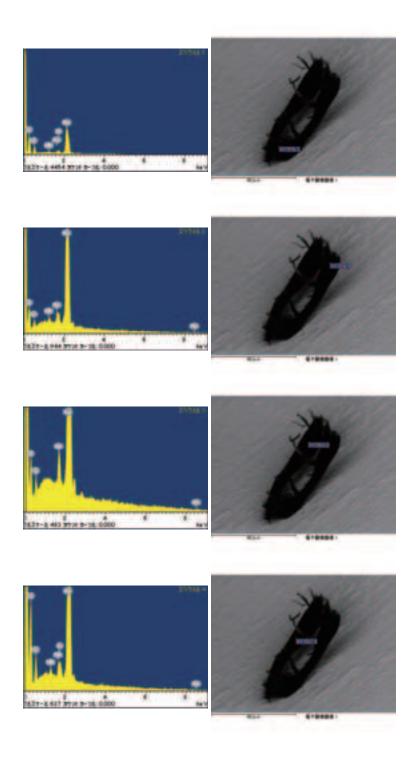
Status	Date	Size	Transfer	Category	Phase
Curation SG07c2	120106	67µm	SG07b2,SG07c2	4	Al



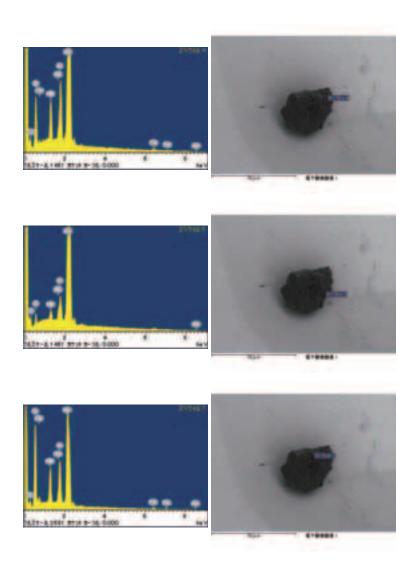
Status	Date	Size	Transfer	Category	Phase
Curation SG10b3	120515	21µm	SG10b3	1	hpx



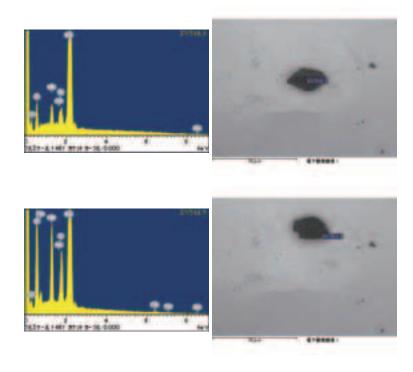
Status	Date	Size	Transfer	Category	Phase
Curation SG05b9	120106	121µm	SG05b9	3	(C,O),lpx



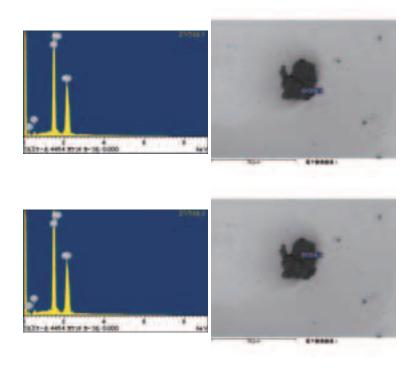
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, attached to carbon fiber using acetone-soluble bond	120920		SG10a0,SG16a4,Tohoku Univ,N2-SP3,glovebox2	1	lpx,Fe



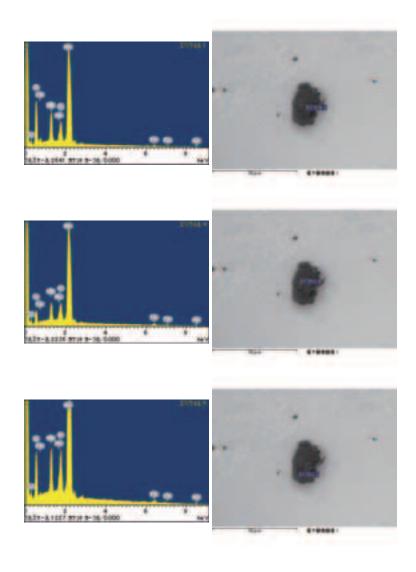
Status	Date	Size	Transfer	Category	Phase
Curation SG10a2	120515	35µm	SG10a2	1	ol



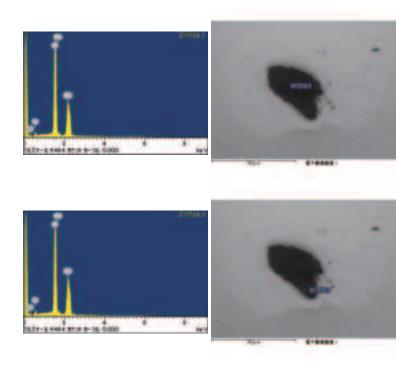
Status	Date	Size	Transfer	Category	Phase
Curation SG07c3	120106	42µm	SG07c3	4	Al



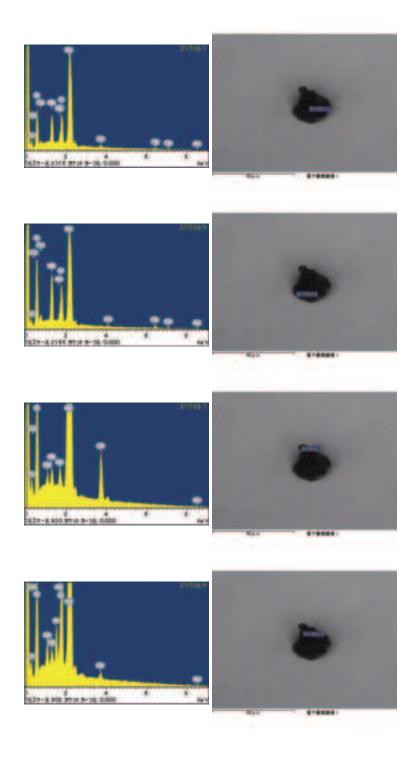
Status	Date	Size	Transfer	Category	Phase
Curation SG10a1	120515	39µm	SG10a1	1	ol



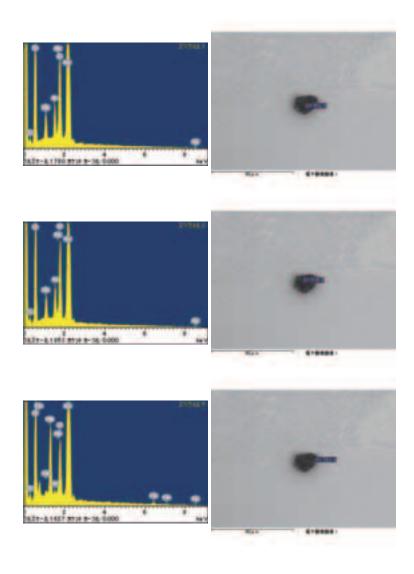
Status	Date	Size	Transfer	Category	Phase
Curation SG07b2	120106	62µm	SG07b2	4	Al



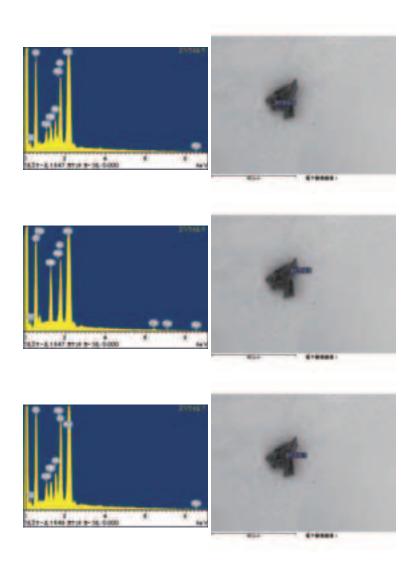
Status	Date	Size	Transfer	Category	Phase
Curation SG10a3	120515	32µm	SG10a3	2	hpx,ol,pl,(Mg,Na,Ca)



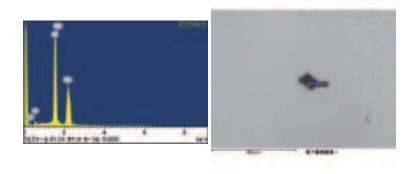
Status	Date	Size	Transfer	Category	Phase
Curation SG10a4	120515	20µm	SG10a4	1	pl,ol



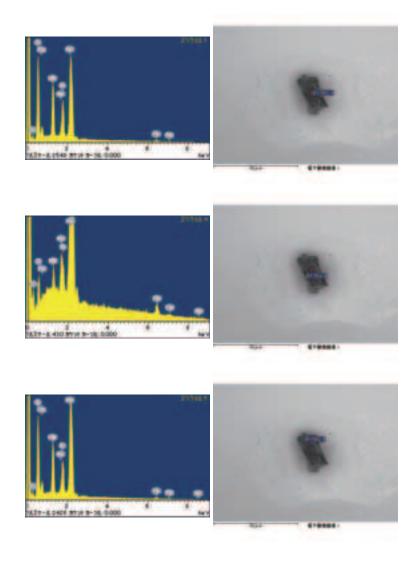
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, attached to carbon fiber using acetonesoluble bond	120920	m	SG10a5,SG16b0,Tohoku Univ,Curation N2-SP3, glovebox2	1	pl,lpx



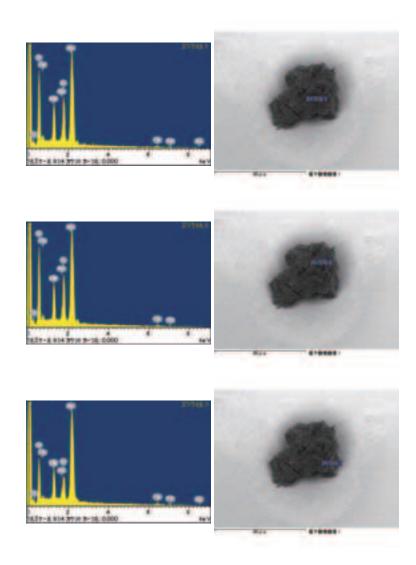
Status	Date	Size	Transfer	Category	Phase
Curation SG07b3	120106	19µm	SG07b3	4	Al



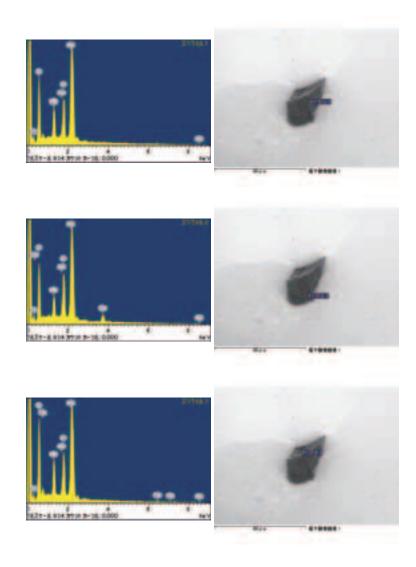
Status	Date	Size	Transfer	Category	Phase
Curation SG09f5	120515	37µm	SG09f5	1	ol,lpx



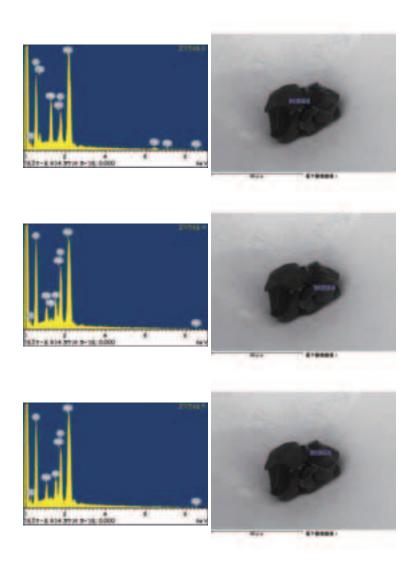
Status Date	Size	Transfer	Category	Phase
JAXA	55µm	SG13a1,JAXA	1	lpx,ol



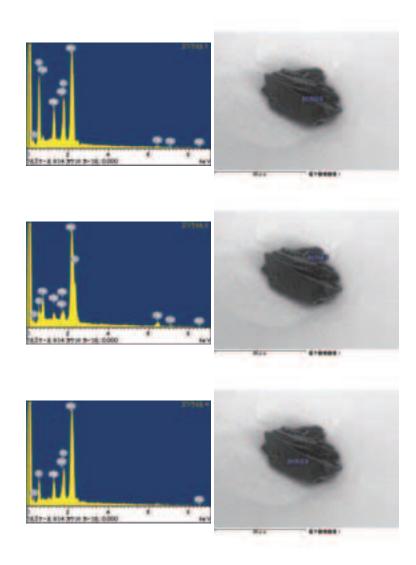
Status	Date	Size	Transfer	Category	Phase
Curation SG13a2	120124	38µm	SG13a2	1	lpx,hpx



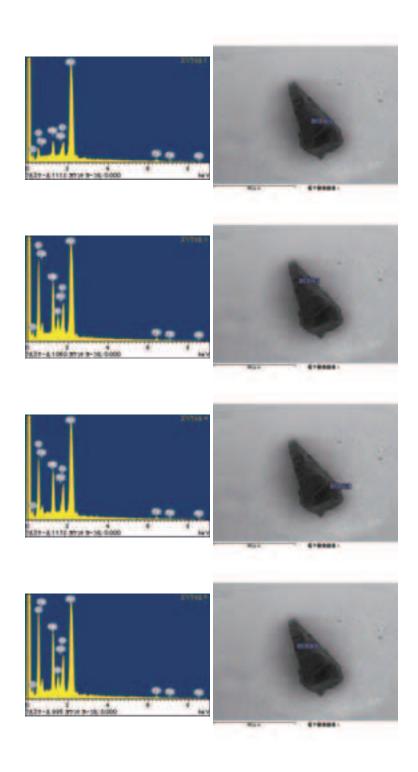
Status	Date	Size	Transfer	Category	Phase
Curation SG13a3	120124	52µm	SG13a3	1	ol,pl



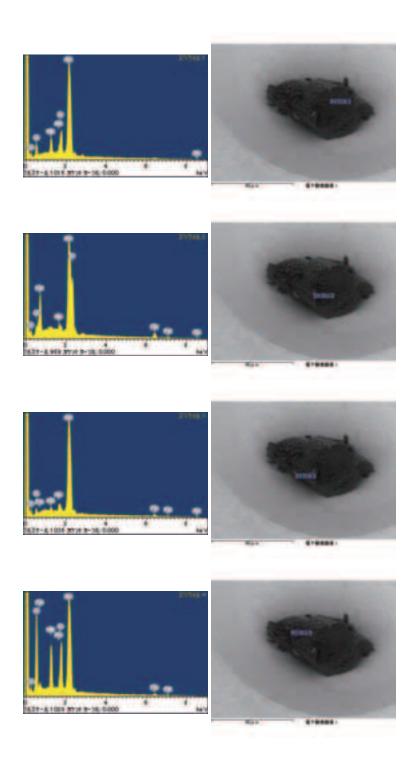
Status	Date	Size	Transfer	Category	Phase
Curation SG13a4	120125	56µm	SG13a4	2	lpx,tr



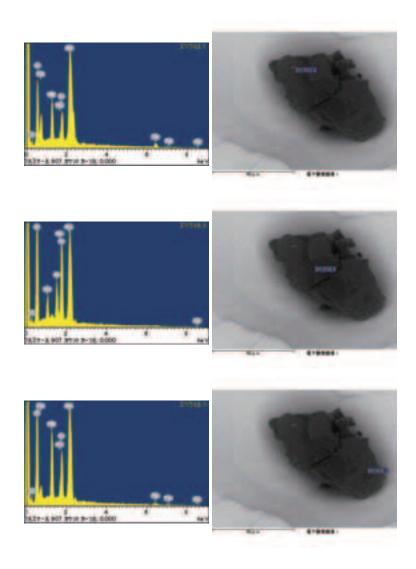
Status	Date	Size	Transfer	Category	Phase
Curation SG13b0		61µm	SG13b0	1	ol,Al



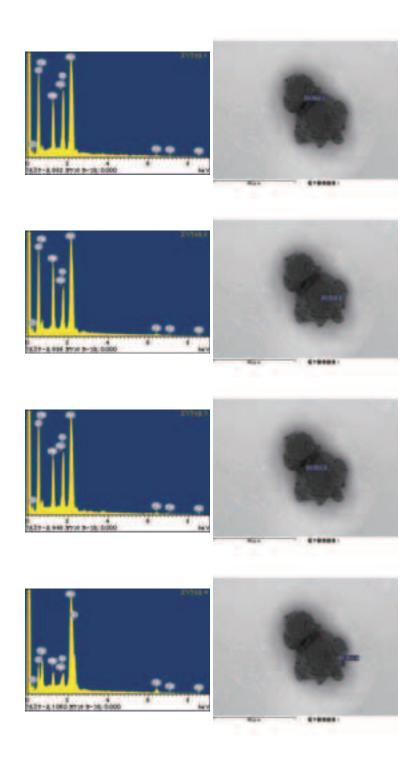
Status	Date	Size	Transfer	Category	Phase
Manchester		80µ	SG13b1,ICF70-V001-SGf0083-	2	lpx,tr,Fe
Univ		m	1,Manchester Univ		IPX,II,I E



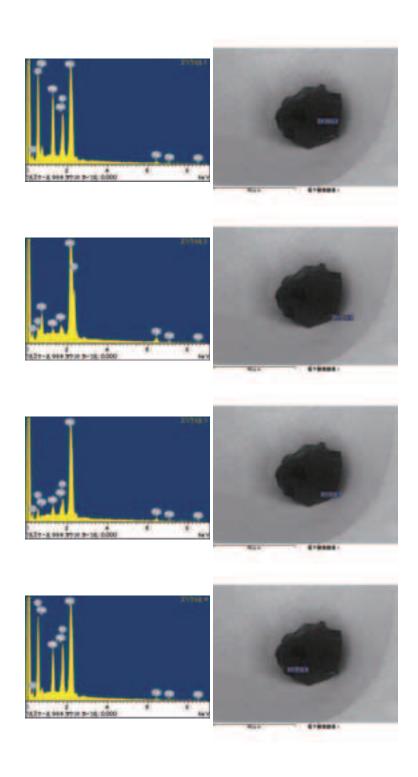
Status	Date	Size	Transfer	Category	Phase
Tohoku Univ	120125	63µm	SG13b2,ICF70-005-SGf0078-3,Tohoku Univ	1	ol,pl



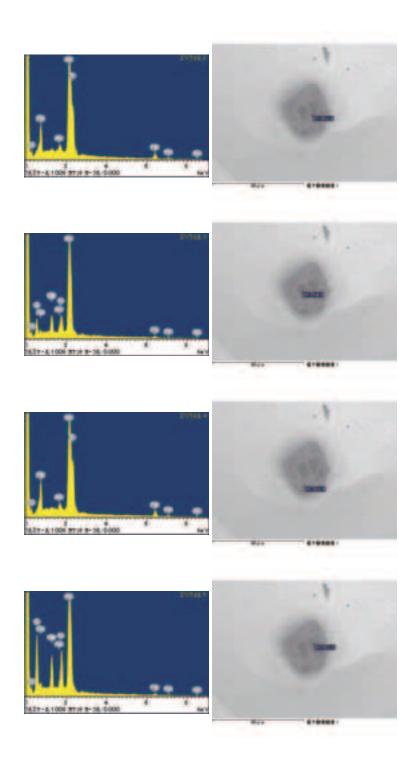
Status	Date	Size	Transfer	Category	Phase
lbaraki Univ		63µm	SG13b3,ICF70-007-SGf0075-1, Ibaraki Univ	2	ol,lpx,tr



Status	Date	Size	Transfer	Category	Phase
lbaraki Univ		51µm	SG13c0,ICF70-007-SGf0075-2, Ibaraki Univ	2	ol,lpx,tr

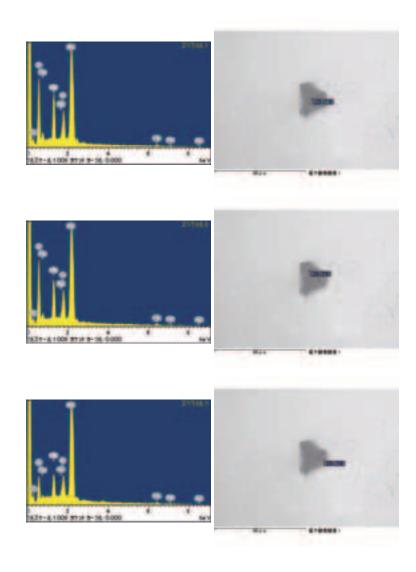


Status	Date	Size	Transfer	Category	Phase
JAXA		40µ	SG13e2,ICF70-0095-SGf0087-S4, SiN-holder1,	2	tr,ol,lpx
		m	JAXA		u,0i,ipx



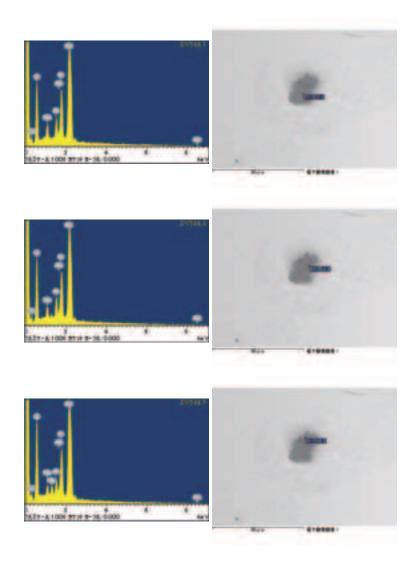
## RA-QD02-0246-01

Status	Date	Size	Transfer	Category	Phase
Curation SG13e3	120229	24µm	SG13e3	1	ol

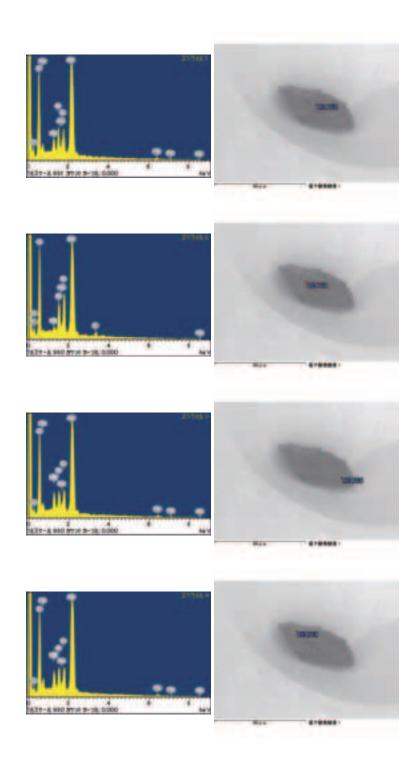


## RA-QD02-0246-02

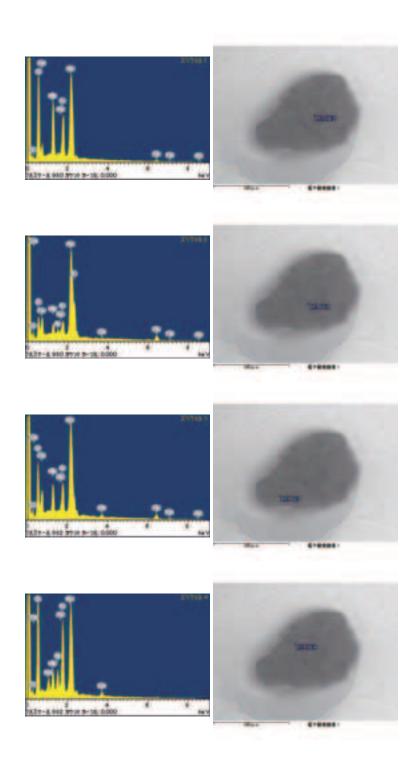
Status	Date	Size	Transfer	Category	Phase
Tohoku Univ	120229	26µm	SG13e0, ICF70-004-SGf0077-1, Tohoku Univ.	1	pl



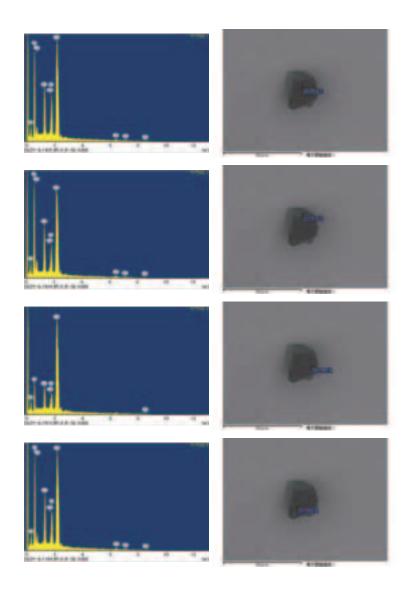
Status	Date	Size	Transfer	Category	Phase
Tohoku Univ		60µm	SG13e1,ICF70-005-SGf0078-5,Tohoku Univ	1	lpx,K-fld



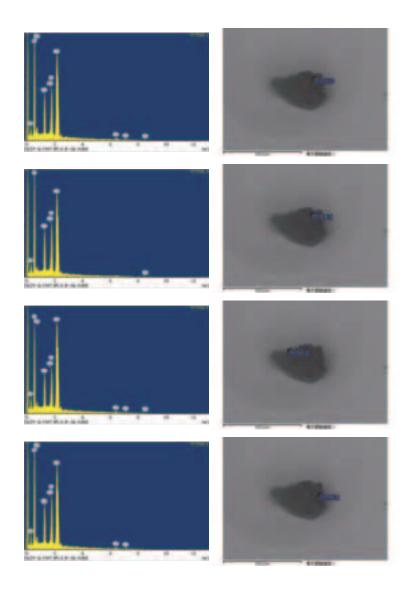
Status	Date	Size	Transfer	Category	Phase
NASA	120229	148µm	SG13d5,ICF70-011-SGf0072-1,NASA	2	ol,hpx,pl,tr



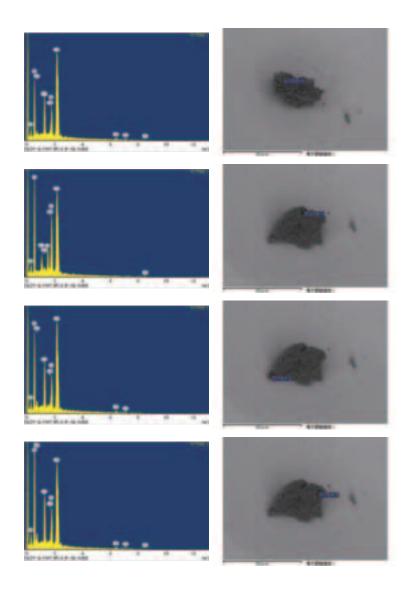
Status	Date	Size	Transfer	Category	Phase
Curation SG10b5	120622	25µm	SG10b5	1	ol



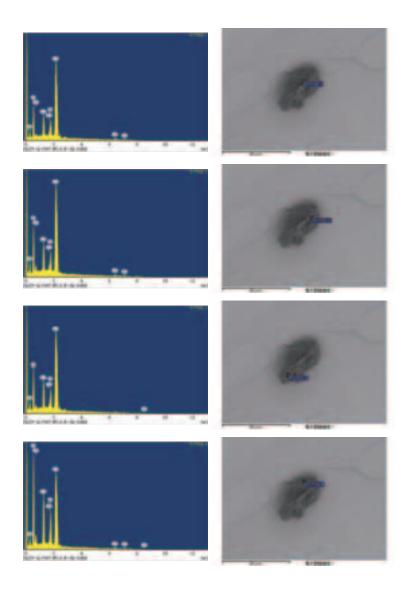
Status	Date	Size	Transfer	Category	Phase
Curation SG10b2		77µm	Curation SG10b2	1	lpx



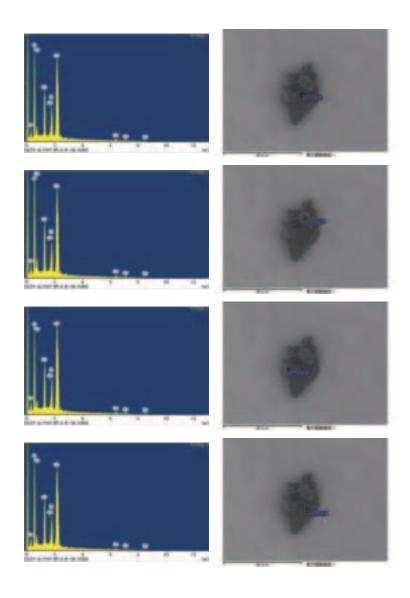
Status	Date	Size	Transfer	Category	Phase
Curation SG10b0	120622	35µm	SG10b0	1	ol,pl,hpx



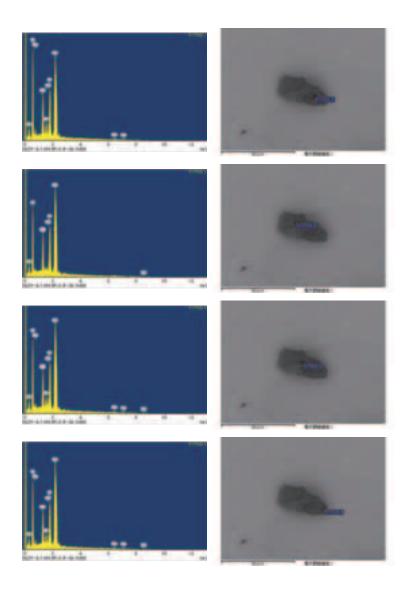
Status	Date	Size	Transfer	Category	Phase
Curation SG10b4	120622	30µm	SG10b4	1	ol,lpx



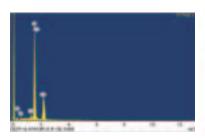
Status	Date	Size	Transfer	Category	Phase
Curation SG10b1	120622	36µm	SG10b1	1	ol

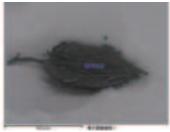


Status	Date	Size	Transfer	Category	Phase
Curation SG10c1		59µm	SG10c1	1	lpx,Al

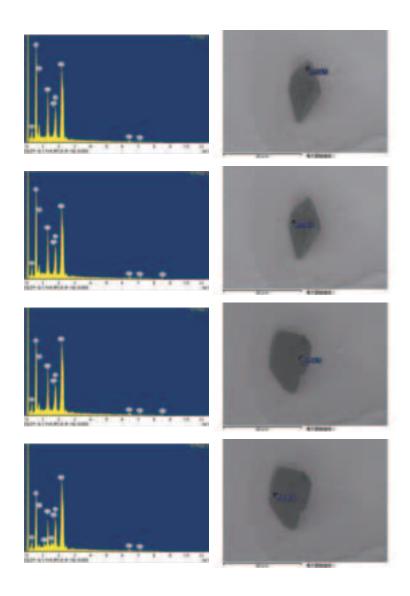


Status	Date	Size	Transfer	Category	Phase
Curation SG07c1	120622	186µm	SG07c1	4	Al

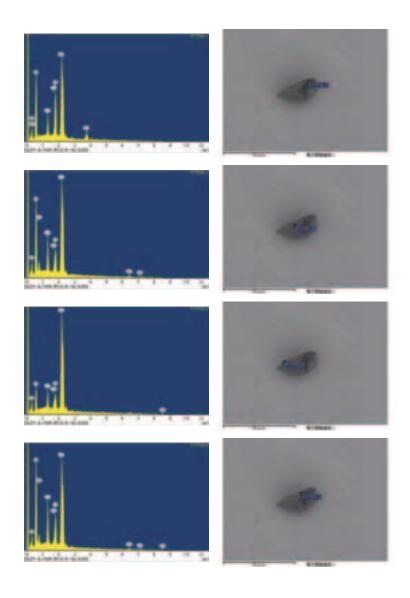




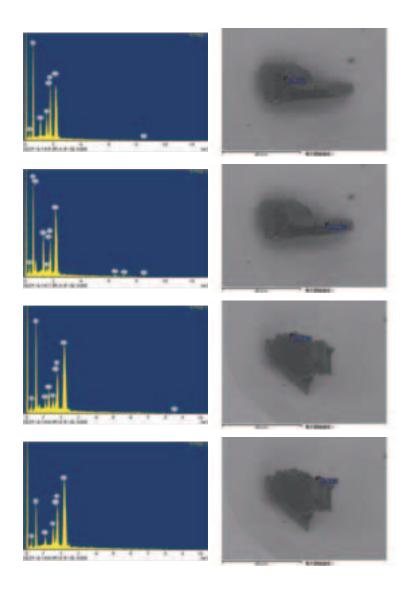
Status	Date	Size	Transfer	Category	Phase
Curation SG10c5	120806	44µm	SG10c5	2	ol,pl,tr



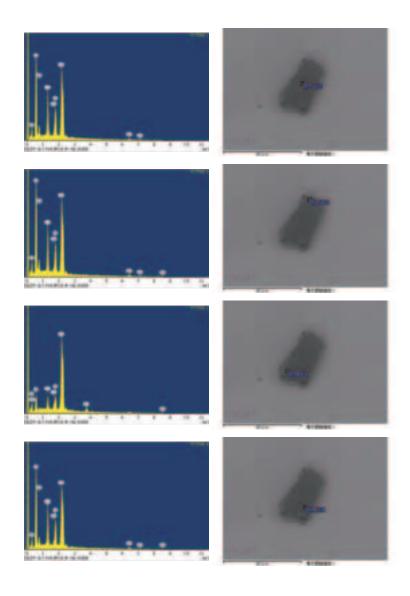
Status	Date	Size	Transfer	Category	Phase
Curation SG10d1	120806	30µm	SG10d1	1	ol,hpx



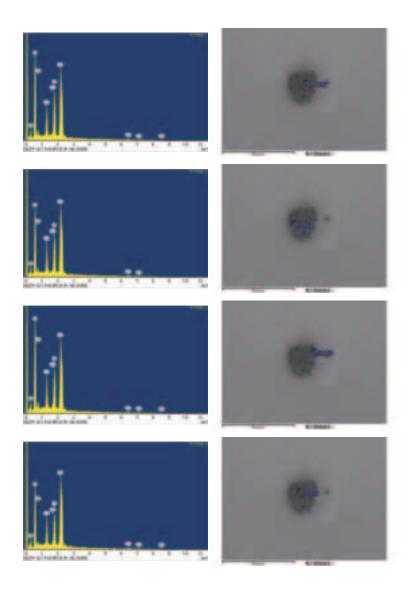
Status	Date	Size	Transfer	Category	Phase
Curation SG10c4	120806	72µm	SG10c4	1	pl,ol



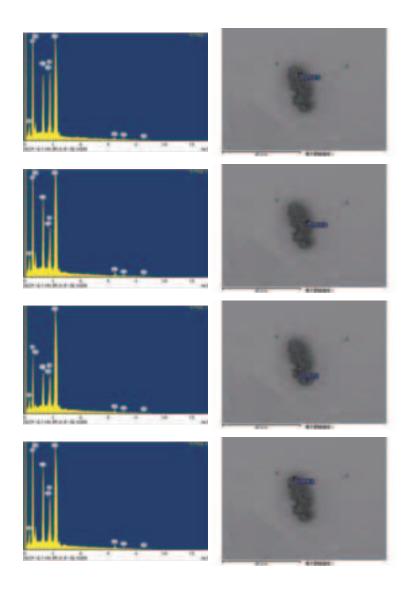
Status	Date	Size	Transfer	Category	Phase
Curation SG10c2	120806	39µm	SG10c2	1	ol,hpx



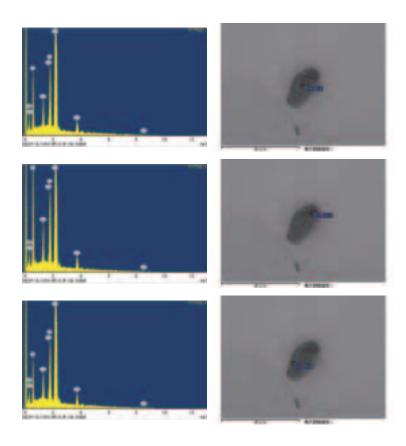
Status	Date	Size	Transfer	Category	Phase
Curation SG10c3	120806	23µm	SG10c3	1	Ірх



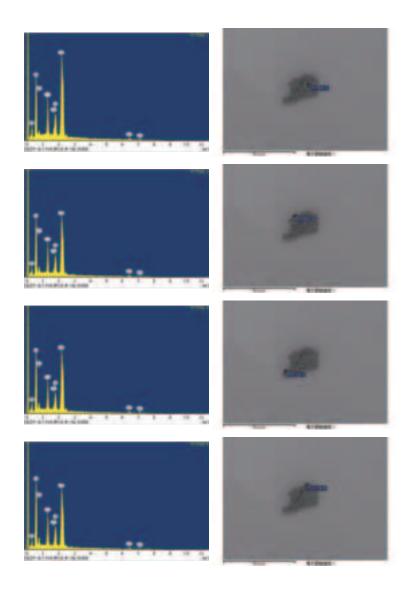
Status	Date	Size	Transfer	Category	Phase
Curation SG10d0	120806	36µm	SG10d0	1	ol,lpx



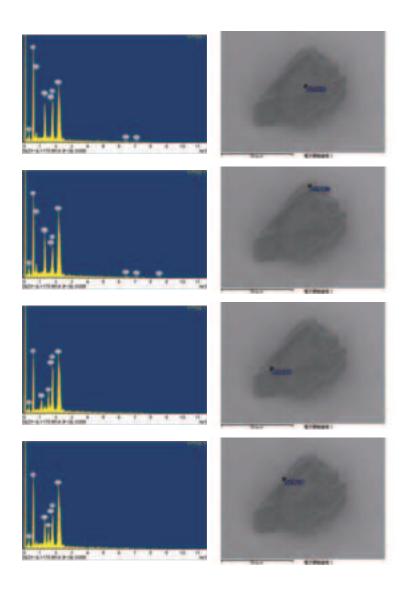
Status	Date	Size	Transfer	Category	Phase
Curation SG10d2	120806	32µm	SG10d2	1	hpx



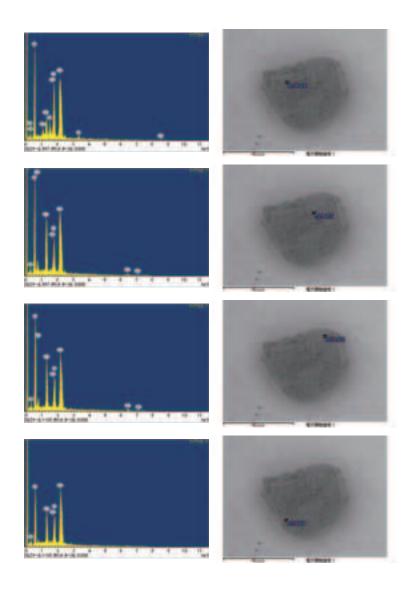
Status	Date	Size	Transfer	Category	Phase
Curation SG10d3	120806	28µm	SG10d3	1	ol



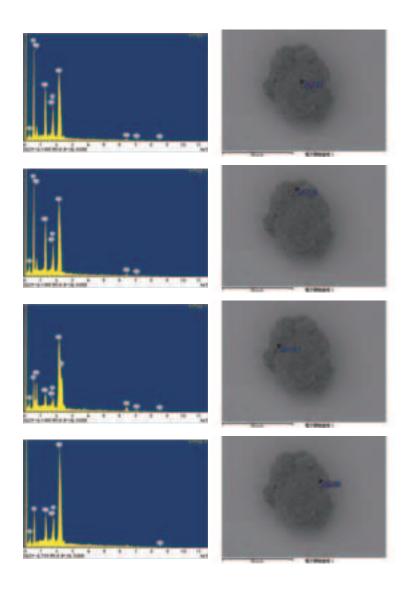
Status	Date	Size	Transfer	Category	Phase
CONSUMED	121016	67µm	SG12a4,NagaolCF-hole2	1	ol,pl,lpx



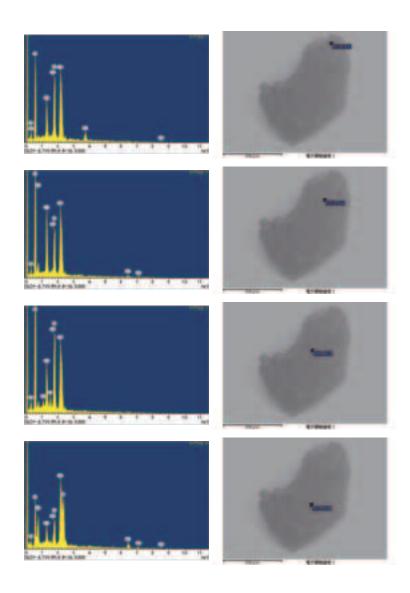
Status	Date	Size	Transfer	Category	Phase
CONSUMED		71µm	SG12a5,ParkCopperHolder,Rutgers Univ	1	ol,K-fld



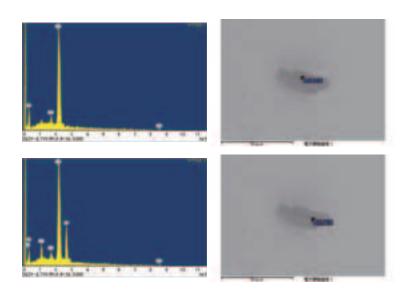
Status	Date	Size	Transfer	Category	Phase
Tohoku	121016	33.9µ	SG11f0,ICF70-0008-SGf0085-2,Tohoku	2	ol,tr
Univ	121010	m	Univ		Oi,ti



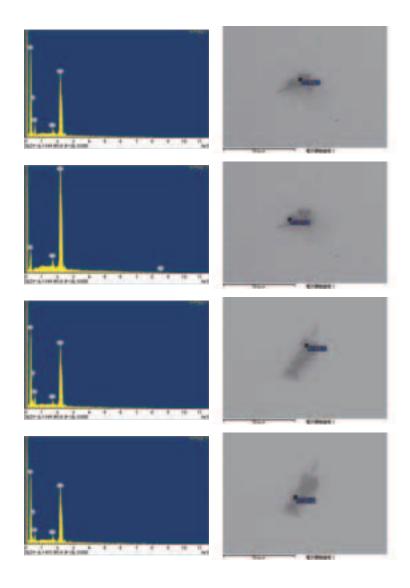
Status	Date	Size	Transfer	Category	Phase
Curation SG12b0	121016	205µm	SG12b0	2	ol,pl,hpx,lpx,tr



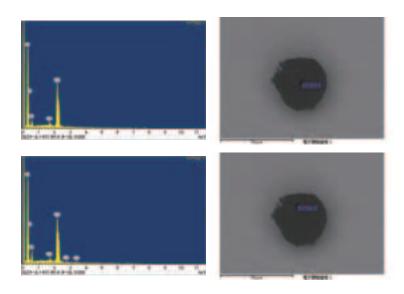
Status	Date	Size	Transfer	Category	Phase
Curation SG05c6	121016	37µm	SG05c6	3	C,NaCl



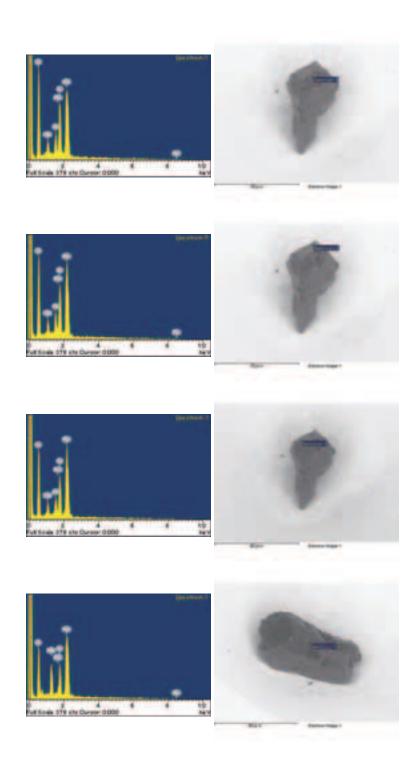
Status	Date	Size	Transfer	Category	Phase
Curation SG05c7	121016	27.9µm	SG05c7	3	(C,N,O),C



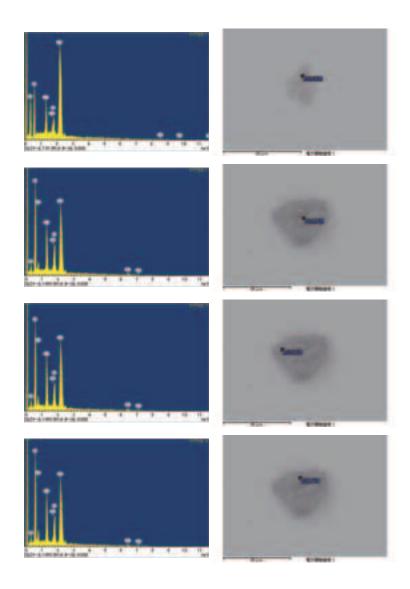
Status	Date	Size	Transfer	Category	Phase
Curation SG05c9	121016	56.1µm	SG05c9	3	(C,N,O)



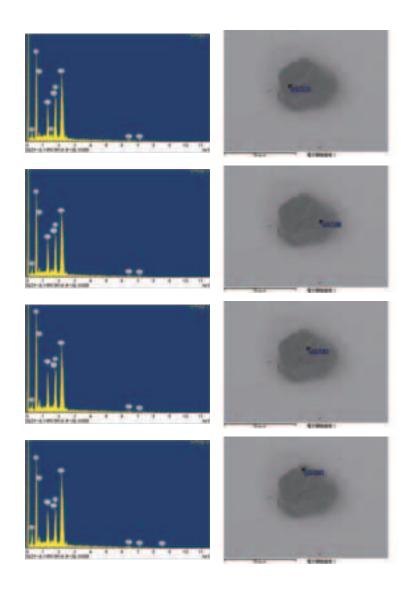
Status	Date	Size	Transfer	Category	Phase
CONSUMED	121016	88.7µ m	SG12b1,NagaolCF-hole3,Tokyo UNIV	1	ol,hpx,lpx,pl



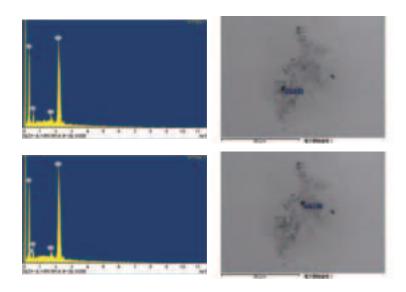
Status	Date	Size	Transfer	Category	Phase
Tohoku	121016	33.3µ	SG05d0,ICF70-0008-SGf0085-5,Tohoku	1	
Univ	121010	m	Univ		OI



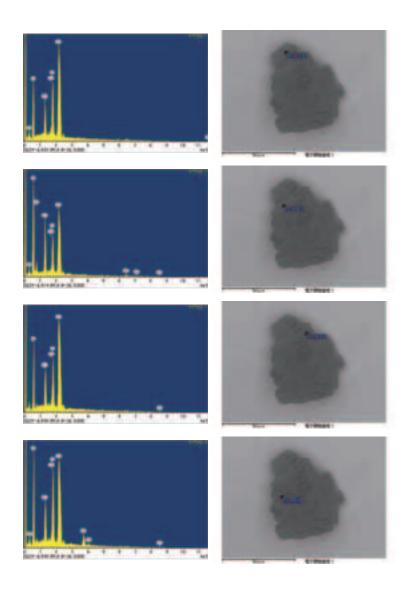
Status	Date	Size	Transfer	Category	Phase
Curation SG11f1	121016	43.7µm	SG11f1	1	lpx



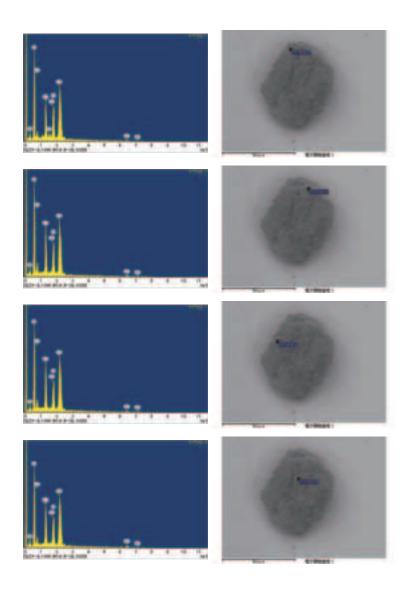
Status	Date	Size	Transfer	Category	Phase
Curation SG05d1	121016	73.2µm	SG05d1	3	(C,O),(C,N,O)



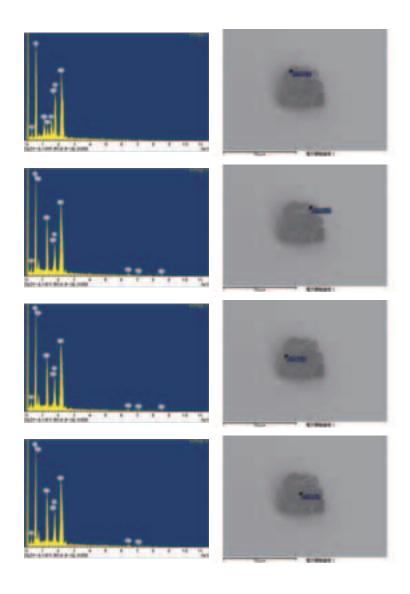
Status	Date	Size	Transfer	Category	Phase
NASA	121016	98.5µm	SG12b2,ICF70-002-SGf0053, NASA	1	lpx,pl,hpx,ol



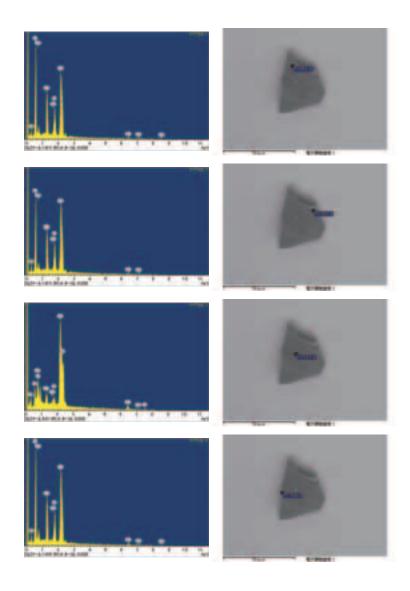
Status	Date	Size	Transfer	Category	Phase
NASA	121016	98µm	SG12b3,ICF70-005-SGf0055-1,NASA	2	ol,tr



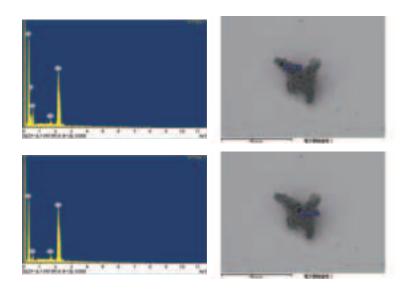
Status	Date	Size	Transfer	Category	Phase
NASA	121016	45.5µm	SG11f2,ICF70-010-SGf0071-1,NASA	1	ol,pl



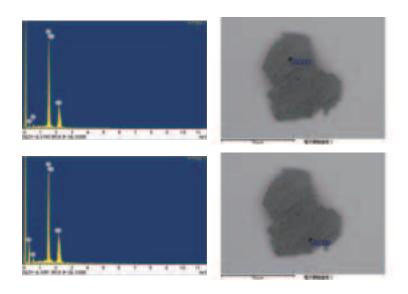
Status	Date	Size	Transfer	Category	Phase
Curation SG11f3	121016	47.4µm	SG11f3	2	ol,tr



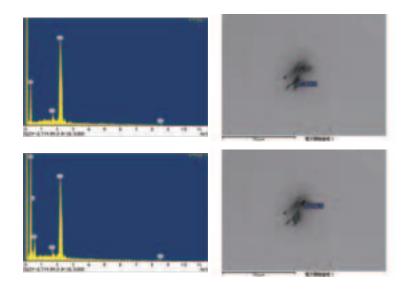
Status	Date	Size	Transfer	Category	Phase
Curation SG05d2	121016	51.7µm	SG05d2	3	(C,N,O),(C,O)



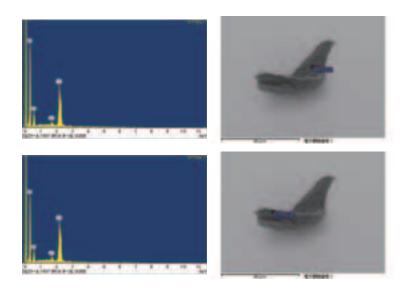
Status	Date	Size	Transfer	Category	Phase
Curation SG07c7	121016	88.5µm	SG07c7	4	AI,(C,O)



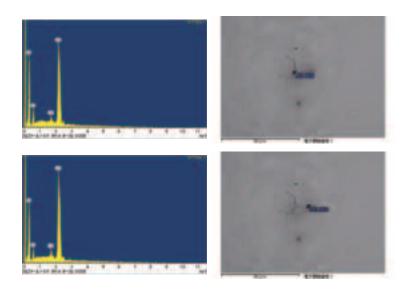
Status	Date	Size	Transfer	Category	Phase
Curation SG05d4	121016	32.6µm	SG05d4	3	C,(C,N,O)



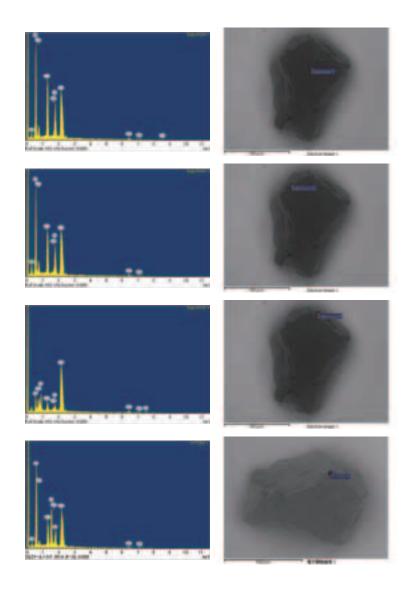
Status	Date	Size	Transfer	Category	Phase
Curation SG05d9	121016	68.6µm	SG05d9	3	(C,O)



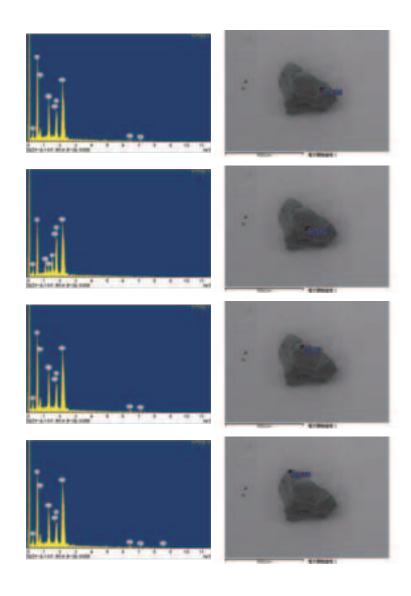
Status	Date	Size	Transfer	Category	Phase
Curation SG05h6	121016	49.3µm	SG05h6	3	CO



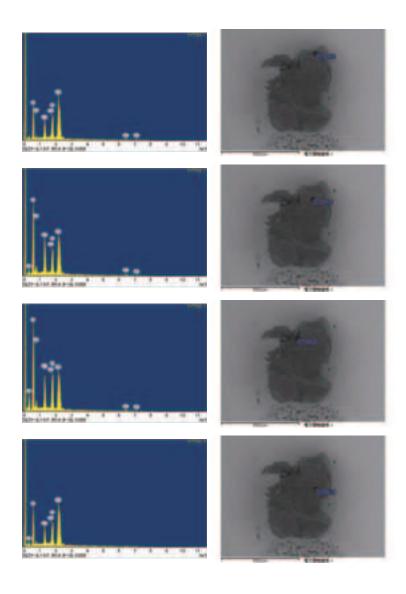
Status	Date	Size	Transfer	Category	Phase
CONSUMED		164µ	SG12f1,SG12b3,SG12f1,ICF70-015-	1	ما ۱۸
CONSOIVIED		m	SGf0060		ol,Al



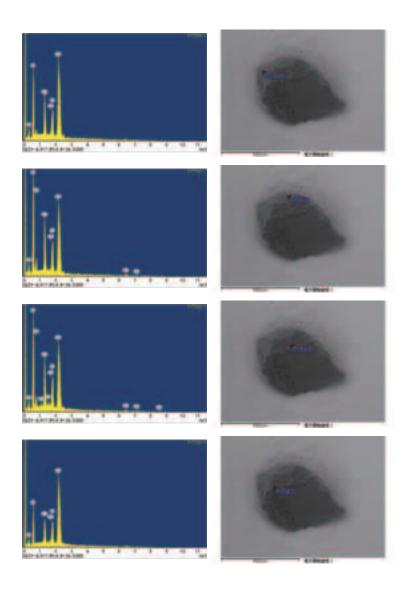
Status	Date	Size	Transfer	Category	Phase
Curation SG12b4	121106	52µm	SG12b4	1	ol,pl



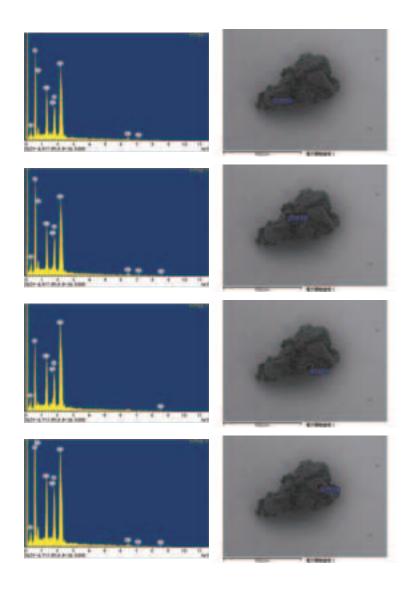
Status	Date	Size	Transfer	Category	Phase
Curation SG12c1	121107	108µm	SG12c1	2	ol,lpx,pl,chm



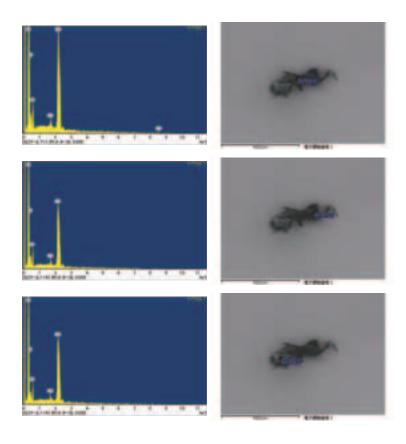
Status	Date	Size	Transfer	Category	Phase
Tohoku		91µ	SG12b5, ICF70-0095-SGf0086-S3,	1	al al bay (Ca Cl)
Univ.		m	JAXA,Tohoku Univ.	I	ol,pl,hpx,(Ca,Cl)



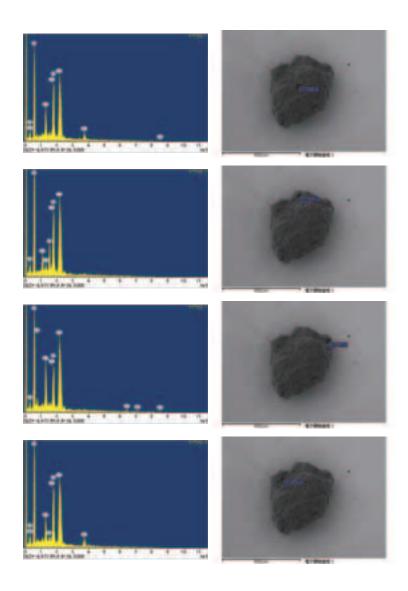
Status Date	Size	Transfer	Category	Phase
JAXA	88µm	SG12c0,JAXA	1	ol



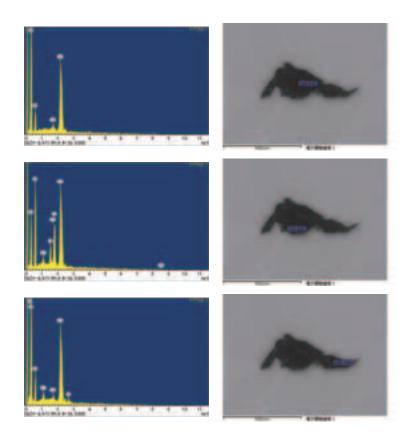
Status	Date	Size	Transfer	Category	Phase
Curation SG05d5	121107	59µm	SG05d5	3	(C,N,O)



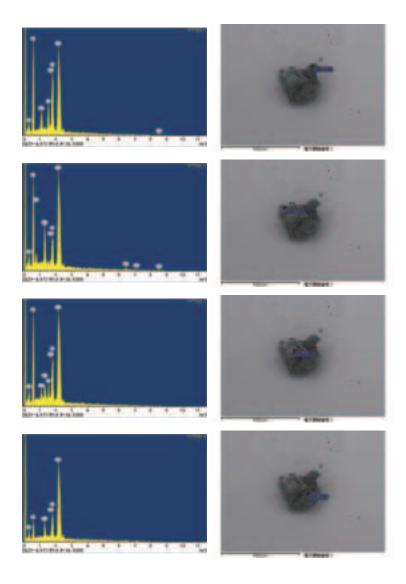
Status	Date	Size	Transfer	Category	Phase
NASA	121107	76µm	SG12c2,ICF70-006-SGf0056-1,NASA	1	pl,hpx,ol



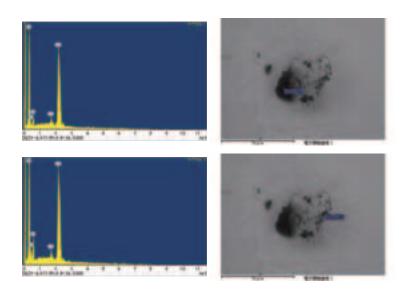
Status	Date	Size	Transfer	Category	Phase
Curation SG05e0	121108	86µm	SG05e0	3	(C,O),pl,NaCl



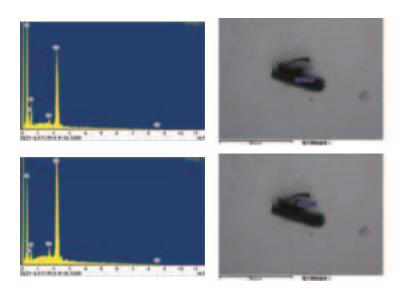
Status	Date	Size	Transfer	Category	Phase
Curation SG11f4	121107	34µm	SG11f4	1	lpx,pl,ol



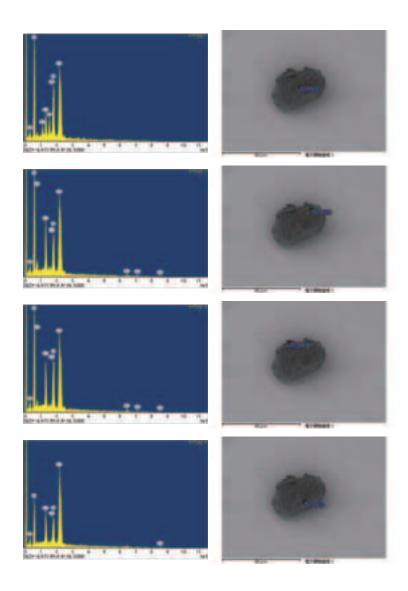
Status	Date	Size	Transfer	Category	Phase
Curation SG05d6	121107	61µm	SG05d6	3	(C,N,O)



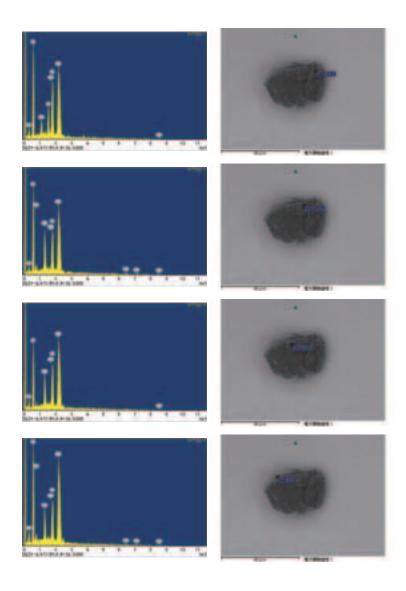
Status	Date	Size	Transfer	Category	Phase
Curation SG05d7	121107	59µm	SG05d7	3	(C,N,O)



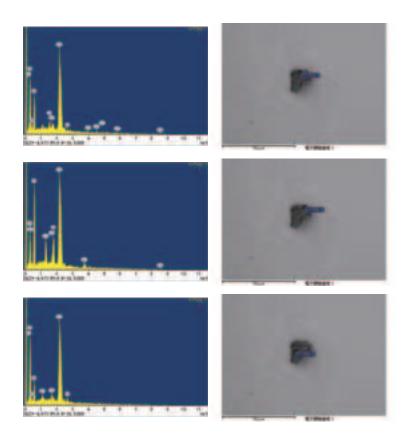
Status	Date	Size	Transfer	Category	Phase
Curation SG11f5	121107	44µm	SG11f5	1	ol,pl



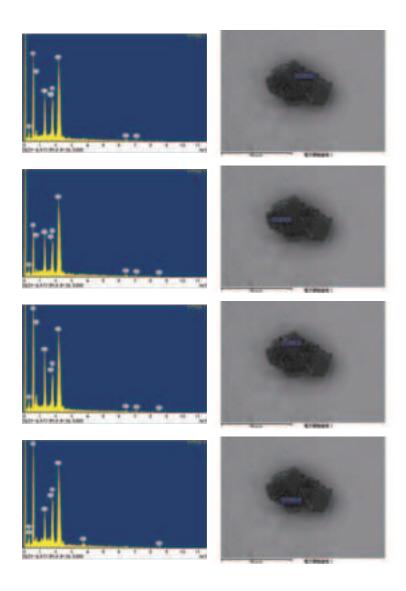
Status	Date	Size	Transfer	Category	Phase
Curation SG17a0	121107	49µm	SG17a0	1	lpx,pl



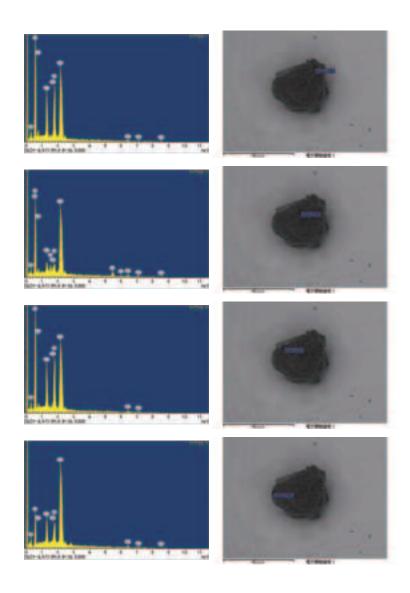
Status	Date	Size	Transfer	Category	Phase
Curation SG05d8	121107	25µm	SG05d8	3	(C,N,O),NaCl,hpx



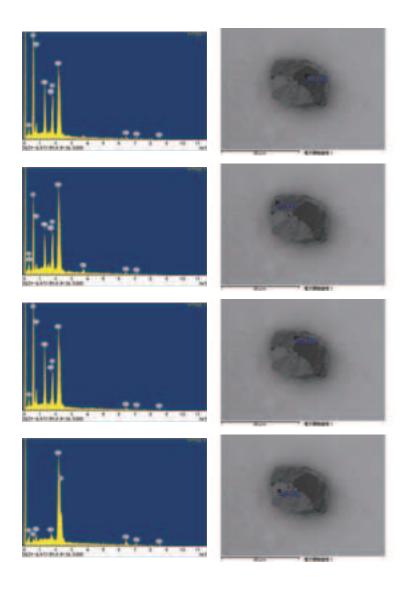
Status	Date	Size	Transfer	Category	Phase
JAXA		58µm	SG12c3,JAXA	1	ol,hpx



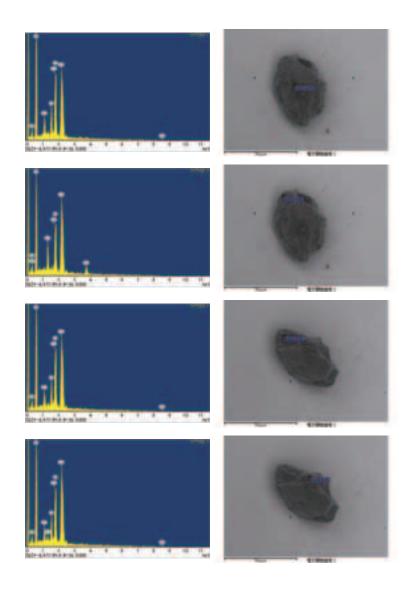
	1	1		Category	Phase
Tohoku Univ	121107	52μ m	SG12c4,ICF70-0008-SGf0085-1,Tohoku Univ	2	ol,lpx,hpx,chm



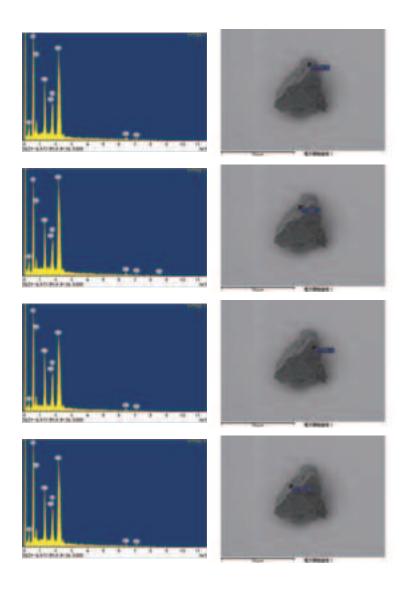
Status	Date	Size	Transfer	Category	Phase
Curation SG12c5	121107	52µm	SG12c5	2	ol,tr,hpx



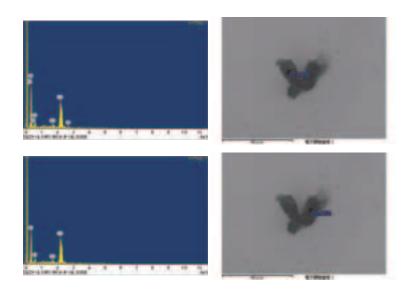
Status	Date	Size	Transfer	Category	Phase
CONSUMED	121107	71µm	SG12d0,NagaolCF-hole2	1	pl,ol,hpx



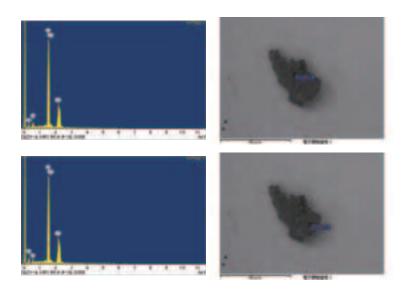
Status	Date	Size	Transfer	Category	Phase
Curation SG12d1	121107	61µm	SG12d1	1	ol



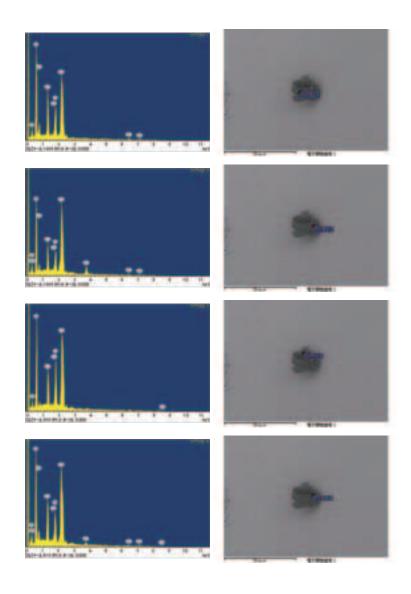
Status	Date	Size	Transfer	Category	Phase
Curation SG05e1	121114	49µm	BCV-coupon,SG05e1	3	(C,O),(C,N,O),NaCl



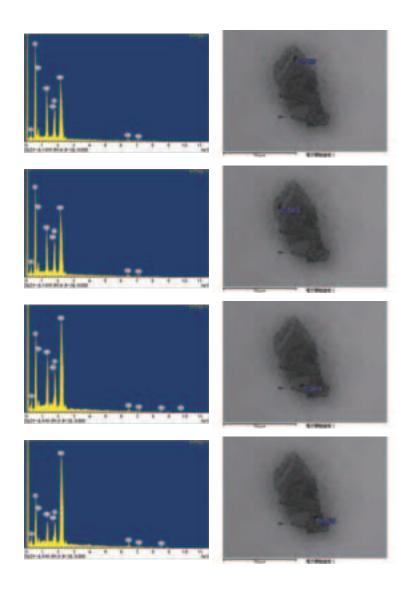
Status	Date	Size	Transfer	Category	Phase
Curation SG07c8	121115	56µm	BCV-coupon,SG07c8	4	Al



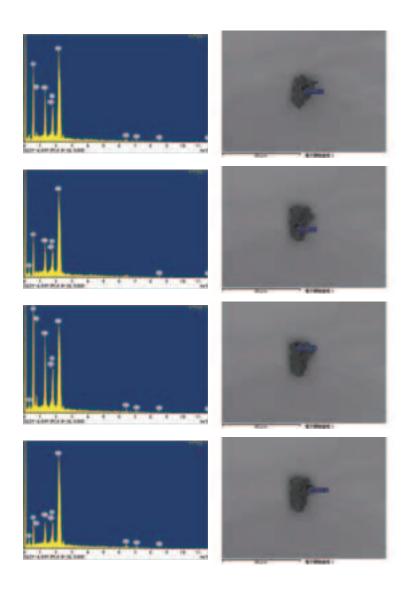
Status	Date	Size	Transfer	Category	Phase
BROKEN		20µm	BCV-coupon,SG17a1	1	ol,lpx,(Ca)



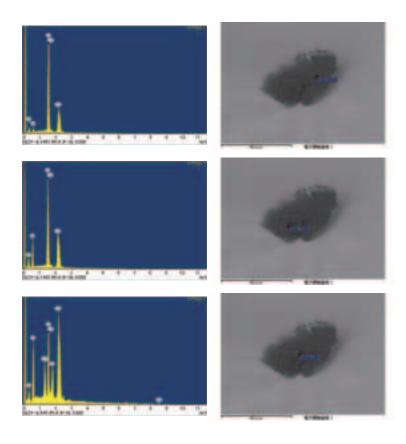
Status	Date	Size	Transfer	Category	Phase
JAXA		85µm	BCV-coupon,SG12d2, JAXA	1	ol



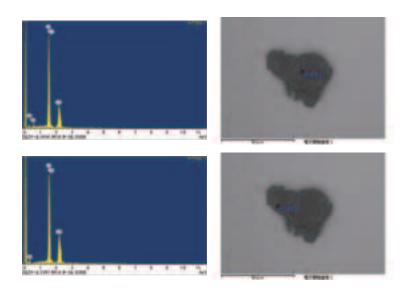
			Transfer	Category	Phase
Tohoku	12114	26µ	BCV-coupon,SG17a2,ICF70-0008-SGf0085-	1	ol
Univ	12114	m	4,Tohoku Univ	ı	OI



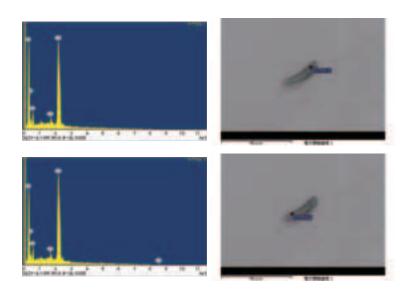
Status	Date	Size	Transfer	Category	Phase
Curation SG07c9	121115	71µm	BCV-coupon,SG07c9	4	Al,ol



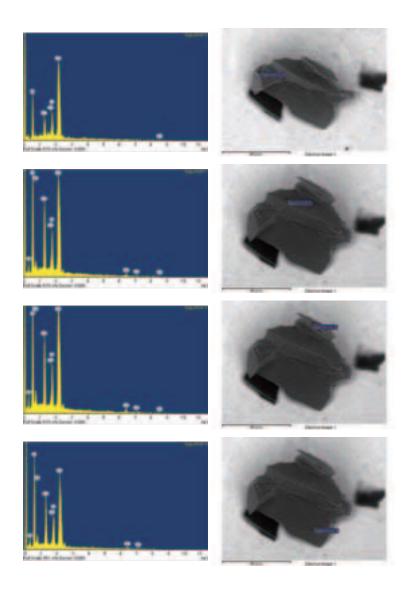
Status	Date	Size	Transfer	Category	Phase
Curation SG07d0	121115	77µm	BCV-coupon,SG07d0	4	Al



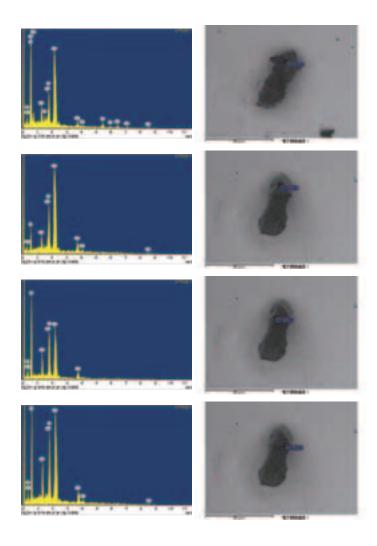
Status	Date	Size	Transfer	Category	Phase
Curation SG05e5	121115	37µm	BCV-coupon-rim,SG05e5	3	(C,N,O)



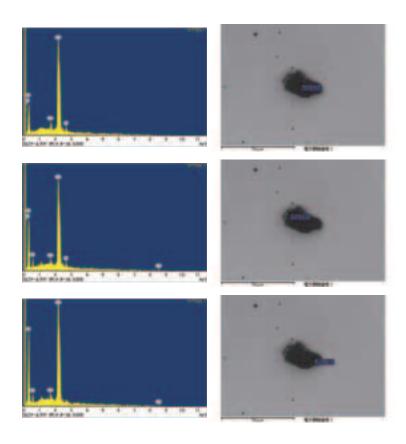
Status	Date	Size	Transfer	Category	Phase
Curation SG12d3	121114	61µm	BCV-base,SG12d3	1	ol



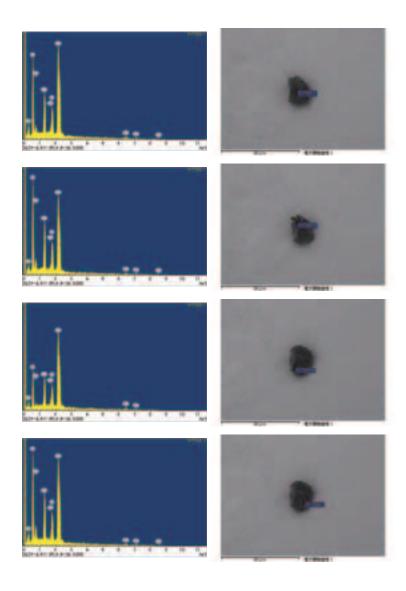
Status	Date	Size	Transfer	Category	Phase
CONSUMED		79µ m	BCV- base,SG12d4,SG12a5upper,ParkCopperHolder,Rutgers Univ	2	hpx,pl,chm



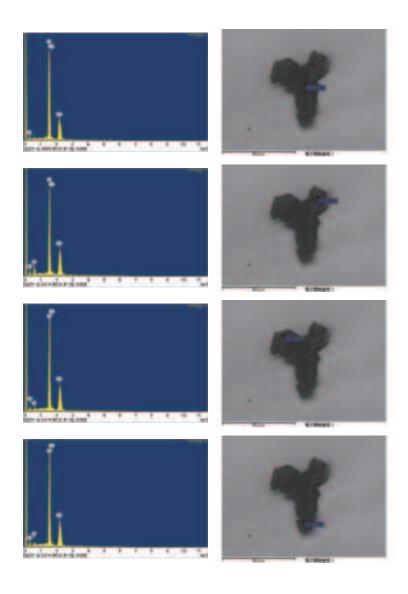
Status	Date	Size	Transfer	Category	Phase
Curation SG05e2	121115	40µm	BCV-coupon,SG05e2	3	(C,O),CI



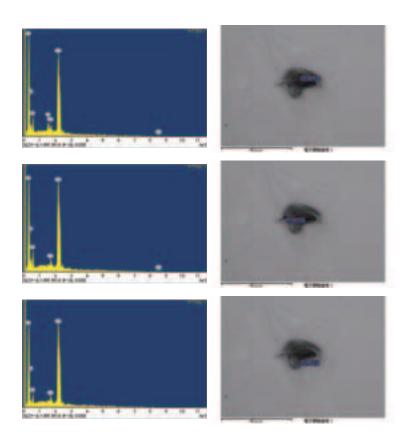
Status	Date	Size	Transfer	Category	Phase
Curation SG17a3	121114	23µm	BCV-coupon,SG17a3	1	ol



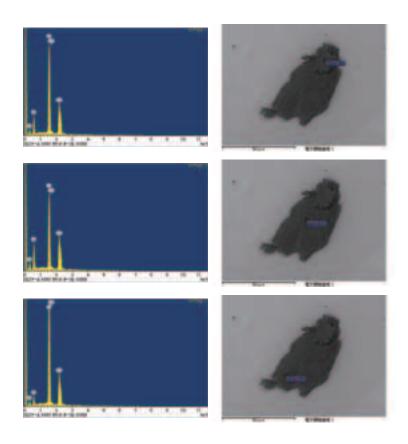
Status	Date	Size	Transfer	Category	Phase
Curation SG07d1	121115	82µm	BCV-coupon,SG07d1	4	Al



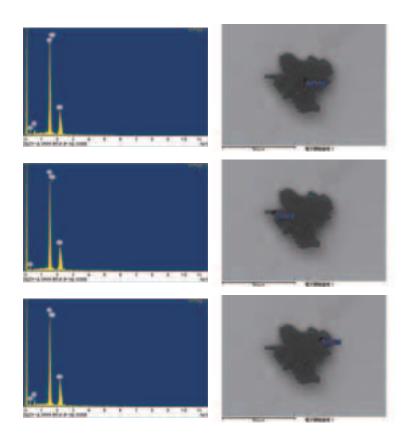
Status	Date	Size	Transfer	Category	Phase
Curation SG05e3	121115	45µm	BCV-coupon,SG05e3	3	(C,N,O),AI



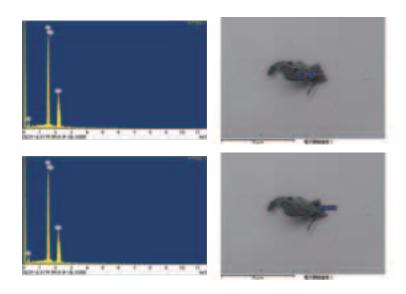
Status	Date	Size	Transfer	Category	Phase
Curation SG07d4	121115	113µm	BCV-coupon,SG07d4	4	Al



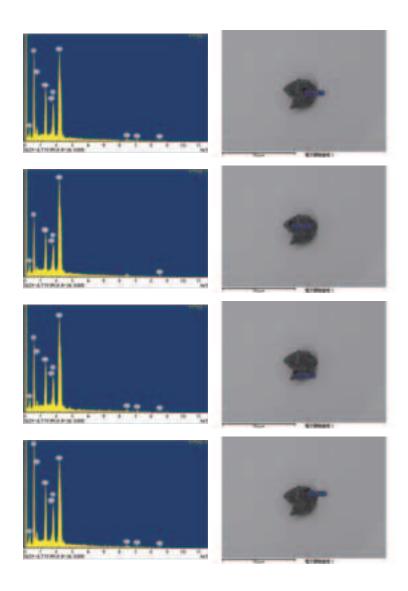
Status	Date	Size	Transfer	Category	Phase
Curation SG07d2	121115	74µm	BCV-coupon,SG07d2	4	Al



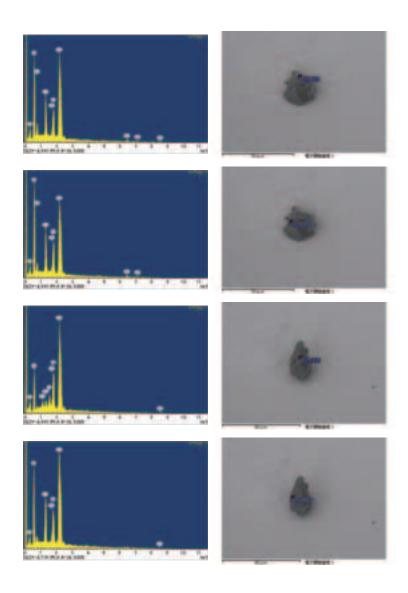
Status	Date	Size	Transfer	Category	Phase
Curation SG07d3	121115	59µm	BCV-base,SG07d3	4	Al



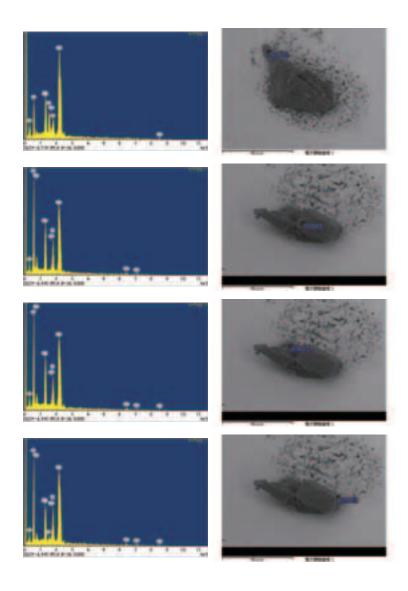
Status	Date	Size	Transfer	Category	Phase
Curation SG17a4	121114	33µm	BCV-base,SG17a4	1	ol



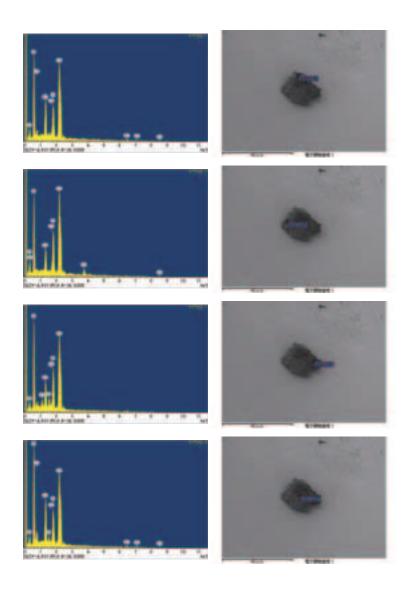
Status	Date	Size	Transfer	Category	Phase
Curation SG17a5	121129	25µm	BCV-base,SG17a5	1	ol,pl



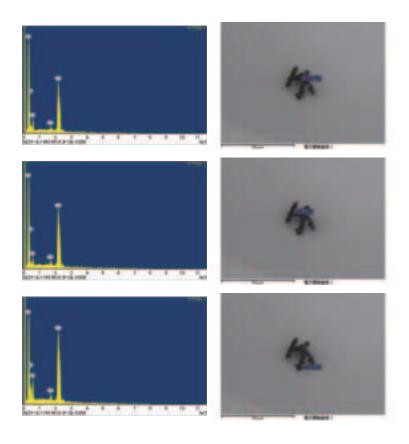
Status	Date	Size	Transfer	Category	Phase
Curation SG12e0		78µm	BCV-base,SG12e0	2	ol,tr,Al



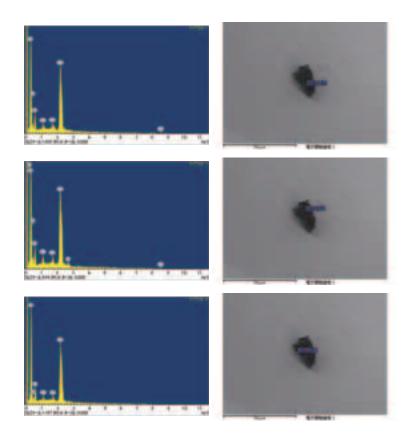
Status	Date	Size	Transfer	Category	Phase
Curation SG17b0	121129	35µm	BCV-base,SG17b0	1	ol,hpx,pl



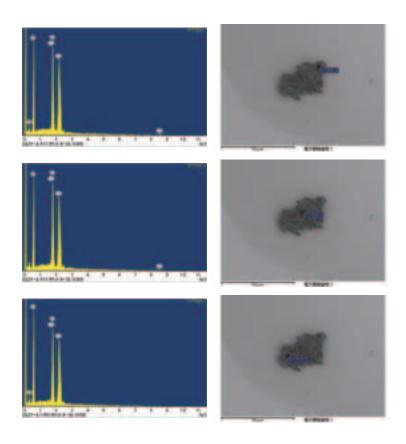
Status	Date	Size	Transfer	Category	Phase
Curation SG05e6	121205	33µm	BCV-base,SG05e6	3	(C,N,O)



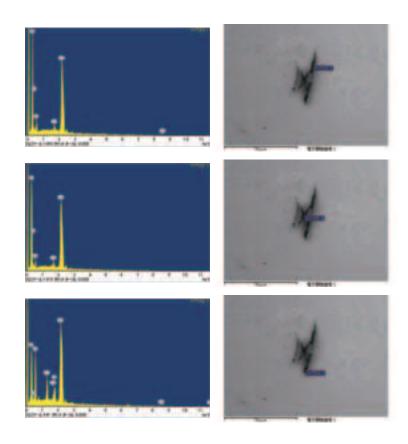
Status	Date	Size	Transfer	Category	Phase
Curation SG05e7	121205	29µm	BCV-base,SG05e7	3	(C,N,O),NaCl



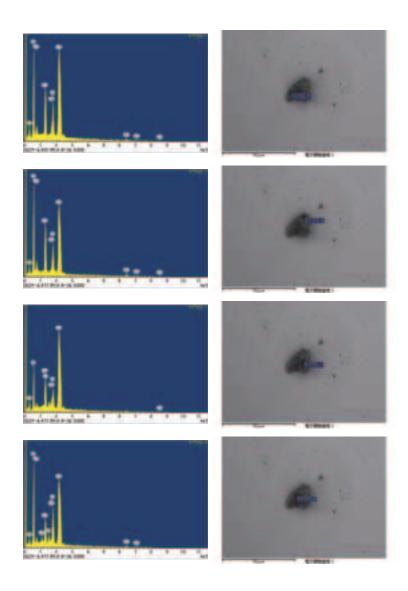
Status	Date	Size	Transfer	Category	Phase
Curation SG07d5	121204	61µm	BCV-base,SG07d5	4	(Si,O)



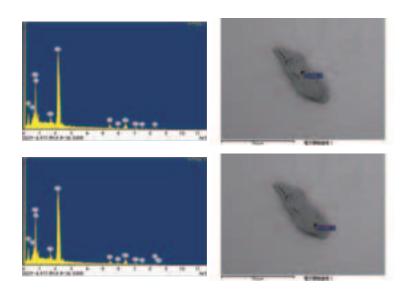
Status	Date	Size	Transfer	Category	Phase
Curation SG05f2	121205	55µm	BCV-base,SG05f2	3	(C,N,O),ol



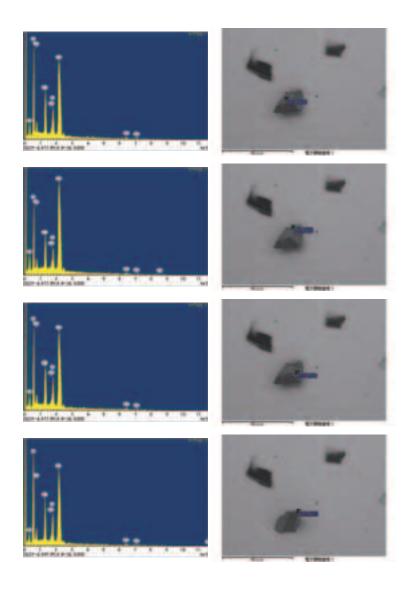
Status	Date	Size	Transfer	Category	Phase
Curation SG17b1	121129	29µm	BCV-base,SG17b1	1	ol,pl



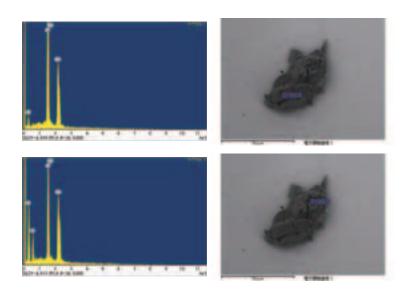
Status	Date	Size	Transfer	Category	Phase
Curation SG07e0	-	72µm	BCV-base,Au11,SG07e0	4	(Fe,Cr,Ni)



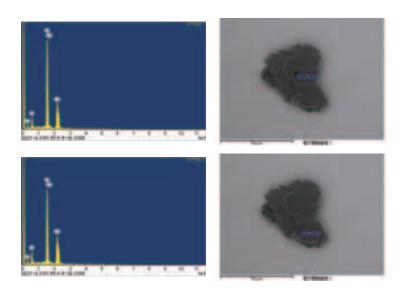
Status	Date	Size	Transfer	Category	Phase
Curation SG17b2	121129	30µm	BCV-base,SG17b2	1	ol



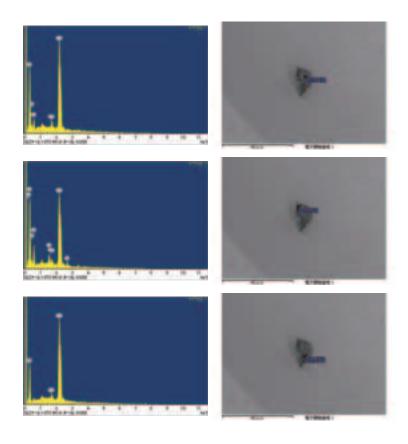
Status	Date	Size	Transfer	Category	Phase
Curation SG07d6	121204	87µm	BCV-base,SG07d6	4	AI,(C,O)



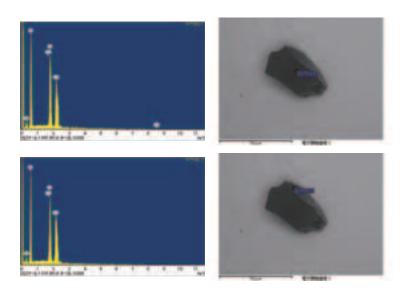
Status	Date	Size	Transfer	Category	Phase
Curation SG07d7	121205	73µm	BCV-base,SG07d7	4	Al



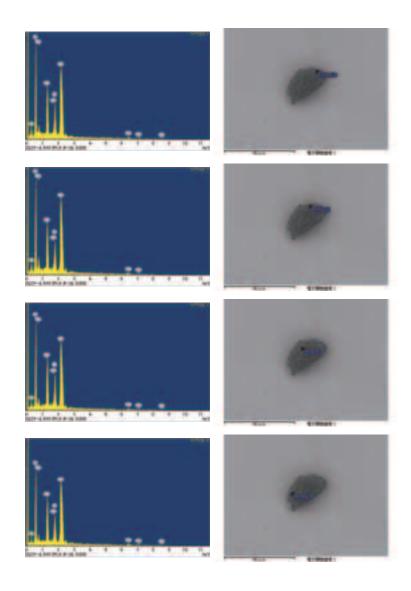
Status	Date	Size	Transfer	Category	Phase
Curation SG05f3	121205	26µm	BCV-base,SG05f3	3	(C,N,O),NaCl,Al



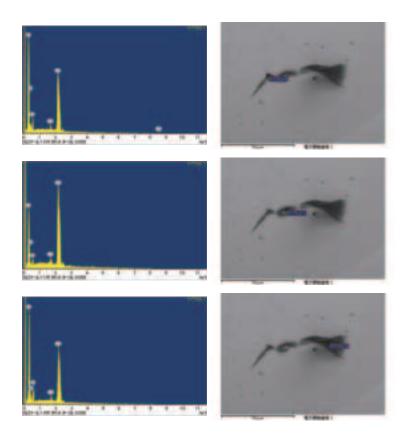
Status	Date	Size	Transfer	Category	Phase
Curation SG07d8	121204	63µm	BCV-base,SG07d8	4	(Si,O)



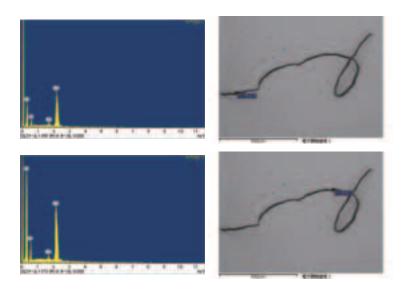
Status	Date	Size	Transfer	Category	Phase
Curation SG17b3	121129	40µm	BCV-base,SG17b3	1	ol



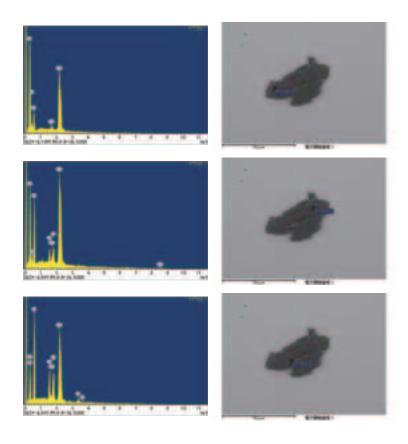
Status	Date	Size	Transfer	Category	Phase
Curation SG05e8	121205	100µm	BCV-base,SG05e8	3	(C,N,O)



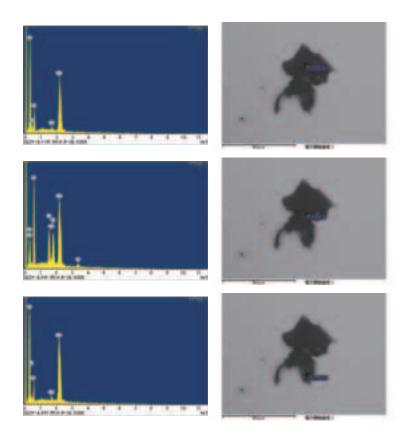
Status	Date	Size	Transfer	Category	Phase
Curation SG05f1	121205	208µm	BCV-base,SG05f1	3	(C,O)



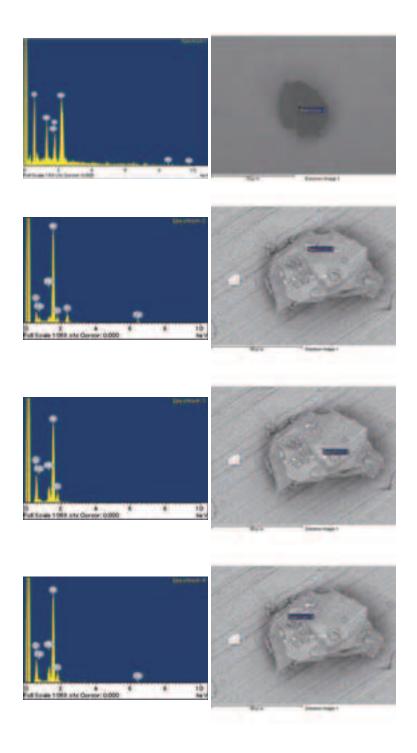
Status	Date	Size	Transfer	Category	Phase
Curation SG05f0	121205	68µm	BCV-base,SG05f0	3	(C,N,O),AI,K,Si



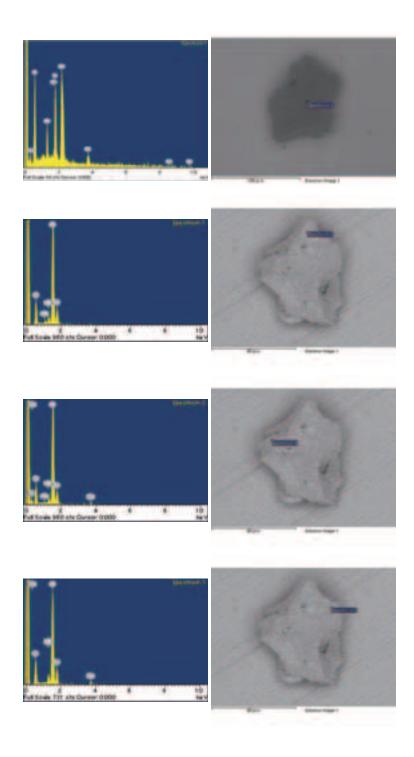
Status	Date	Size	Transfer	Category	Phase
Curation SG05e9	121205	83µm	BCV-base,SG05e9	3	(C,N,O),(C,O),AI,K,Si



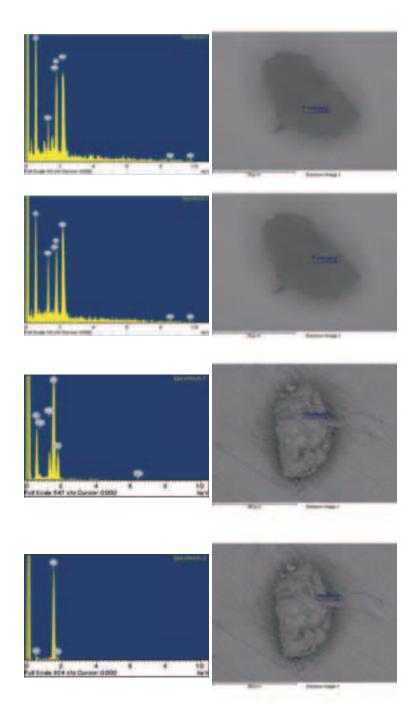
Status	Date	Size	Transfer	Category	Phase
Curation SG12e2		53.72 µm	RB-CVG0018,SG12e2	2	ol,FeS



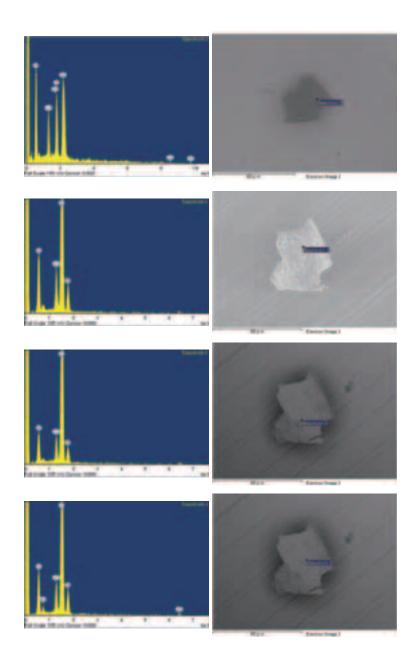
Status	Date	Size	Transfer	Category	Phase
Curation SG12e3		107.42µm	RB-CVG0016,SG12e3	1	pl, hpx, K-fld



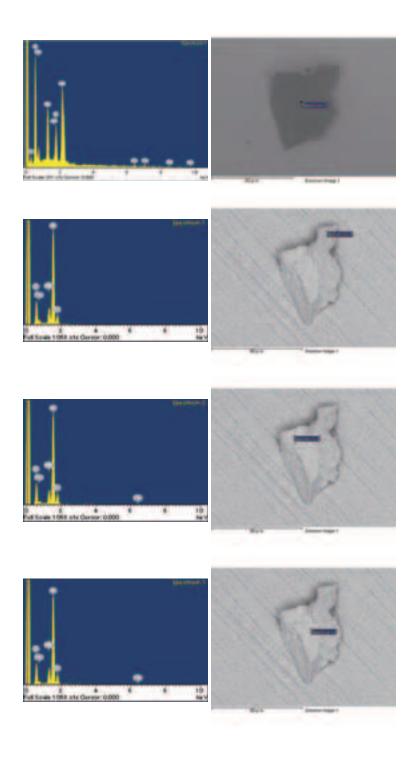
Status	Date	Size	Transfer	Category	Phase
Curation SG12e4		93.66 µm	RB-CVG0001,SG12e4	1	lpx,ol,pl,Al



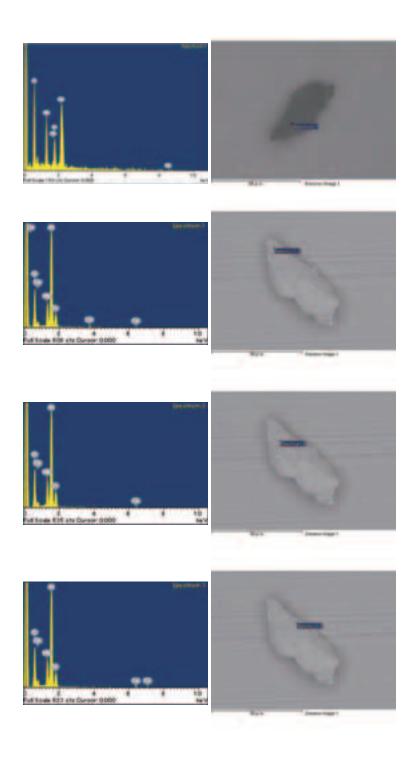
Status	Date	Size	Transfer	Category	Phase
Curation SG12e5		56.02 µm	RB-CVG0618,SG12e5	1	ol,lpx



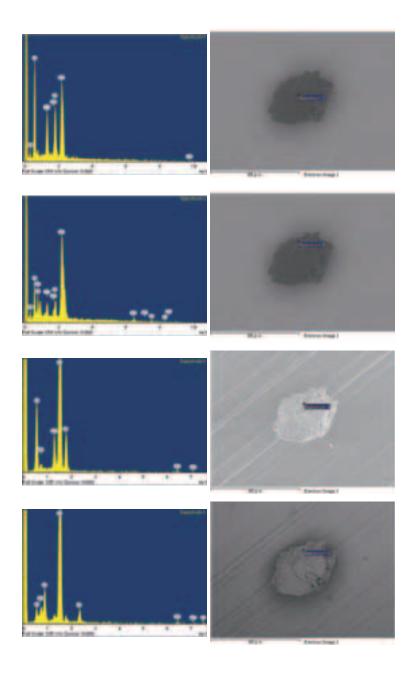
Status	Date	Size	Transfer	Category	Phase
Curation SG12f0		72.97 µm	RB-CVG0019,SG12f0	1	ol



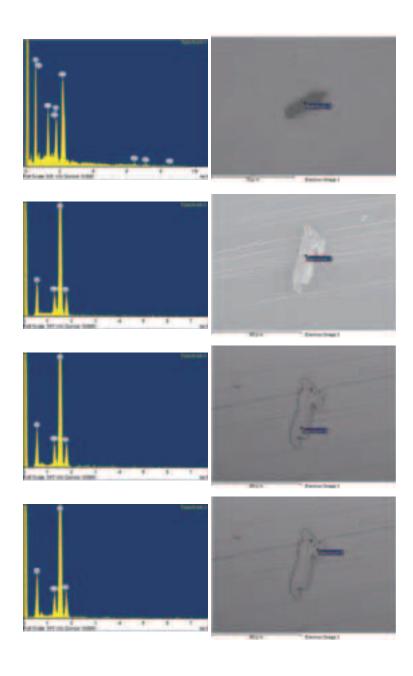
Status	Date	Size	Transfer	Category	Phase
Curation SG12f1		49.26µm	RB-CVG0070,SG12f1	1	ol, Ca



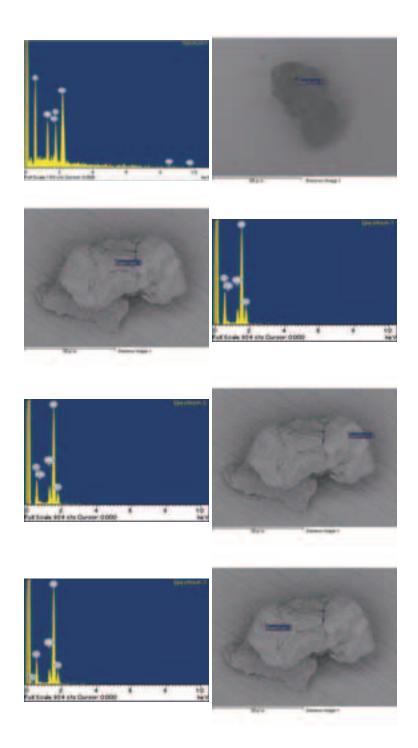
Status	Date	Size	Transfer	Category	Phase
Curation SG12f2		48.61 µm	RB-CVG0617,SG12f2	2	lpx,FeS, FeNi



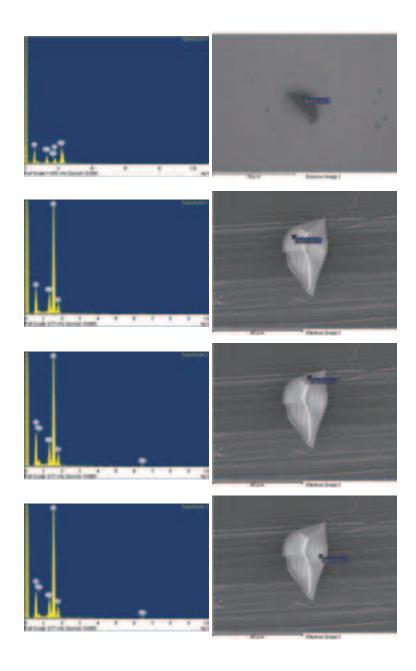
Status	Date	Size	Transfer	Category	Phase
Curation SG12f3		49.17µm	RB-CVG0691,SG12f3	1	lpx



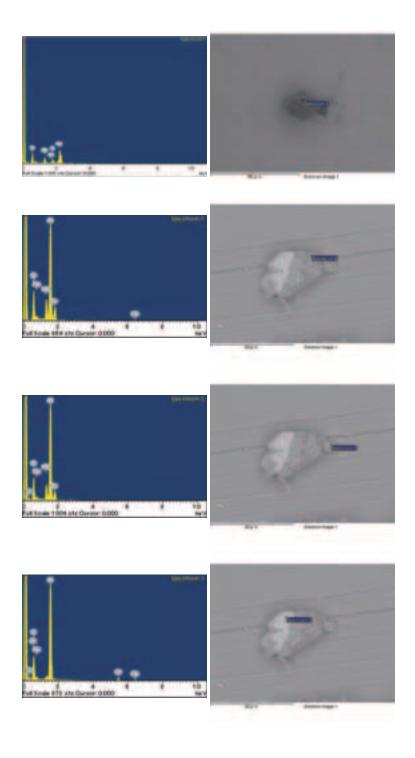
Status	Date	Size	Transfer	Category	Phase
Curation SG12f4		86.16 µm	RB-CVG0002,SG12f4	1	lpx,ol



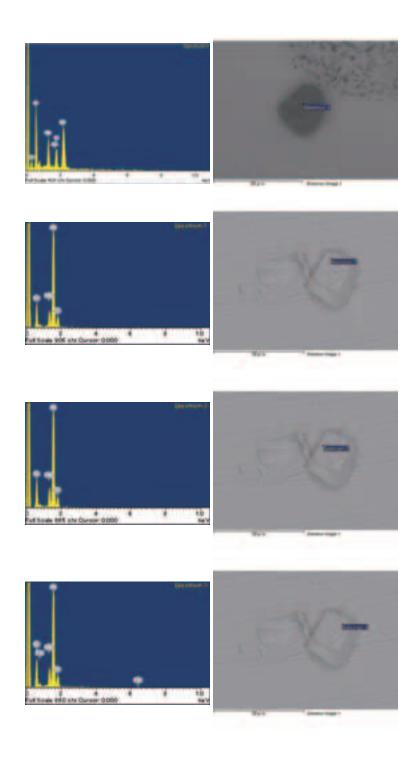
Status	Date	Size	Transfer	Category	Phase
Curation SG17b4		34.33 µm	RB-CVG0084,SG17b4	1	ol



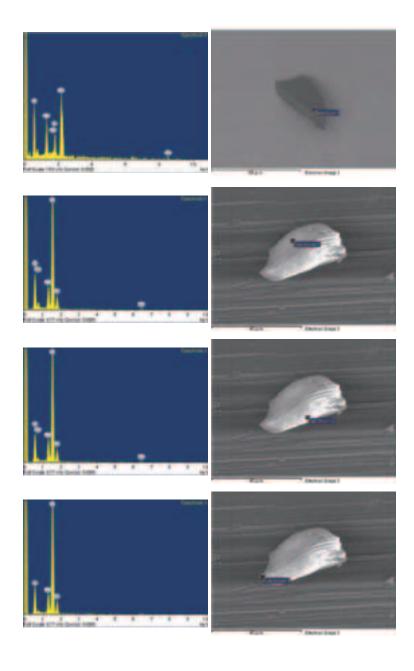
Status	Date	Size	Transfer	Category	Phase
Curation SG17b5		29.88 µm	RB-CVG0075,SG17b5	2	ol,chm



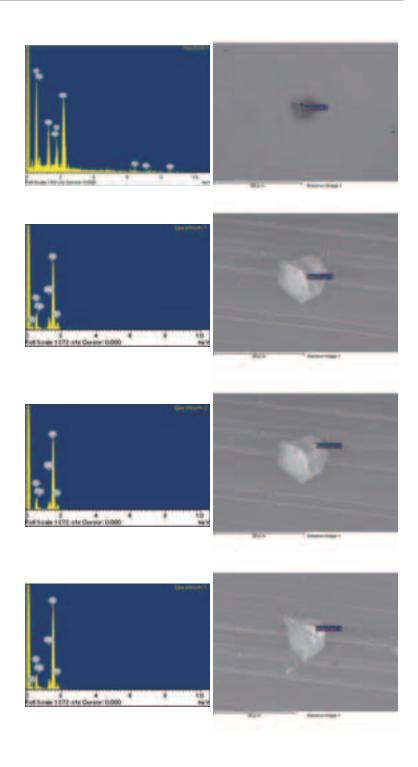
Status	Date	Size	Transfer	Category	Phase
Curation SG17c0		33.33 µm	RB-CVG0078,SG17c0	1	ol



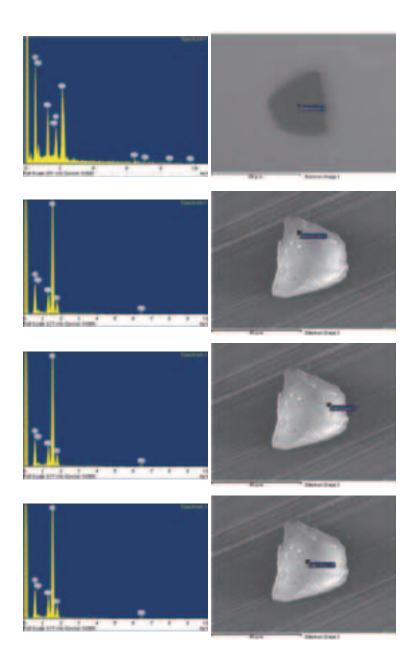
Status	Date	Size	Transfer	Category	Phase
Curation SG17c1		41.26µm	RB-CVG0087, SG17c1	1	ol



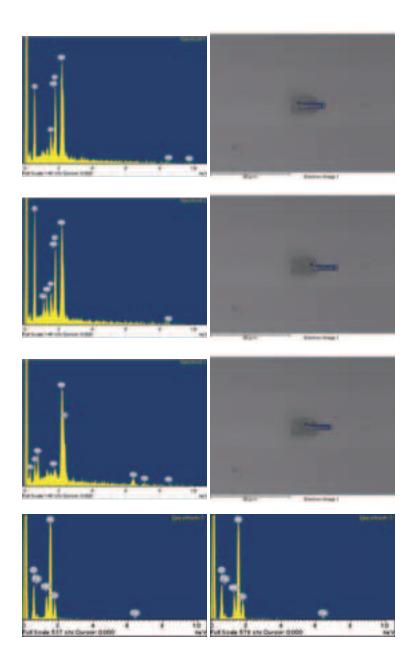
Status	Date	Size	Transfer	Category	Phase
Curation SG17c2		17.96 µm	RB-CVG0063,SG17c2	1	ol



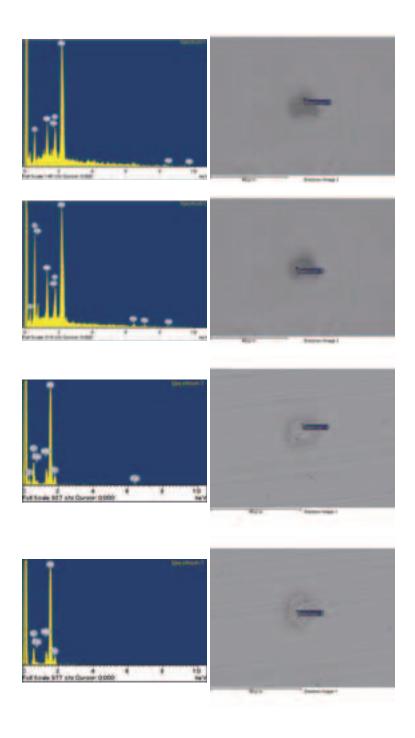
Status	Date	Size	Transfer	Category	Phase
Curation SG17c3		41.31 µm	RB-CVG0134,SG17c3	1	ol



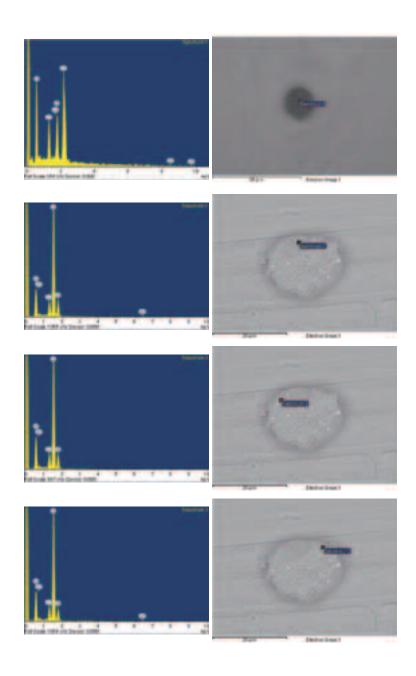
Status	Date	Size	Transfer	Category	Phase
Curation SG17c4		23.73 µm	RB-CVG0071,SG17c4	2	ol, hpx, FeS



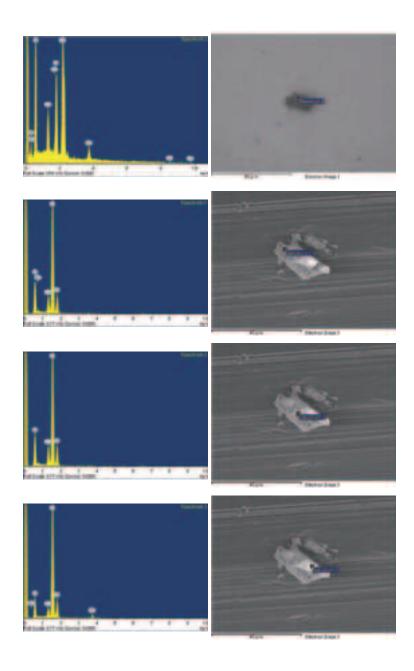
Status	Date	Size	Transfer	Category	Phase
Curation SG17c5		19.74 µm	RB-CVG0073,SG17c5	1	ol



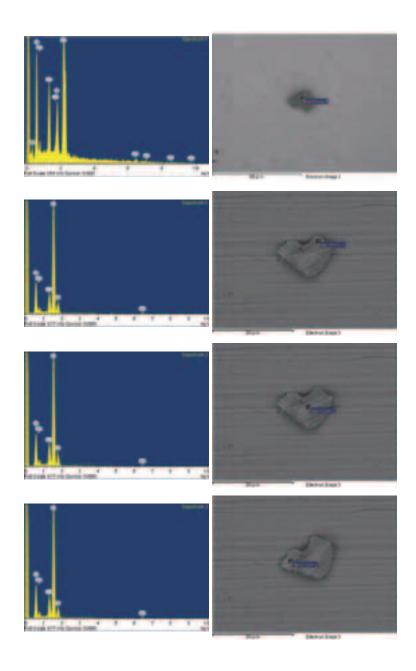
Status	Date	Size	Transfer	Category	Phase
Curation SG17d4		21.14 µm	RB-CVG0082,SG17d4	2	lpx,ol,pl,FeS



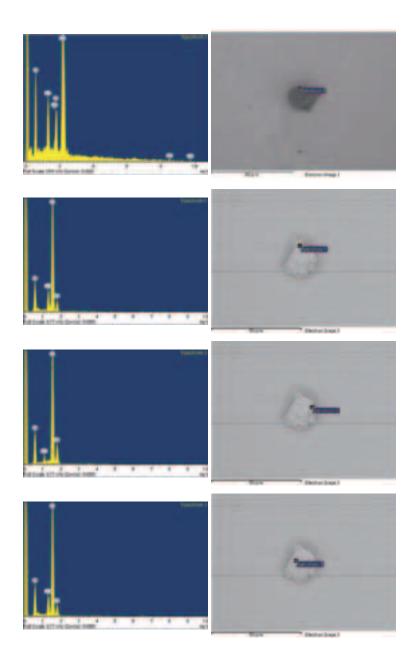
Status	Date	Size	Transfer	Category	Phase
Curation SG17d5		26.38 µm	RB-CVG0083,SG17d5	1	lpx,hpx



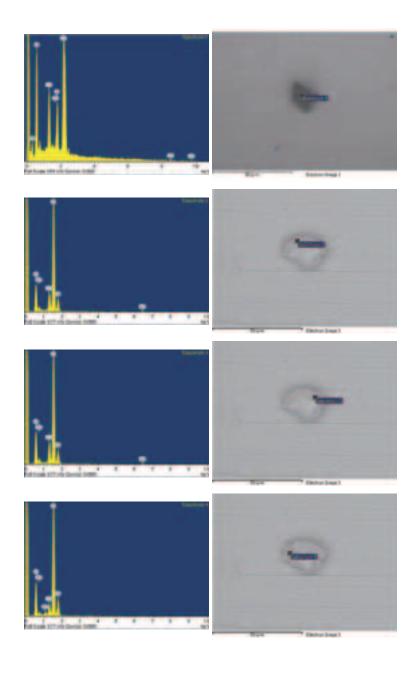
Status	Date	Size	Transfer	Category	Phase
Curation SG17e0		20.48 µm	RB-CVG0100,SG17e0	1	ol



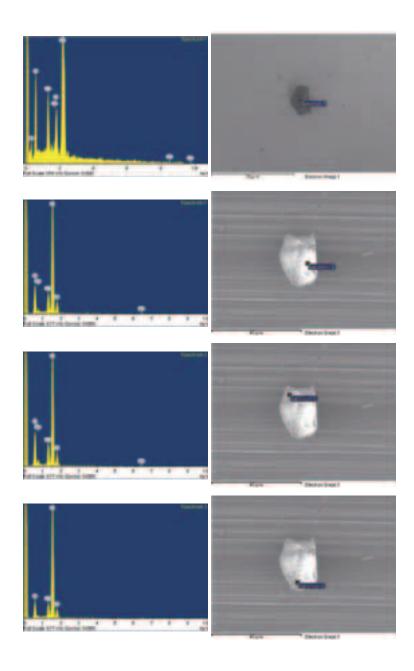
Status	Date	Size	Transfer	Category	Phase
Curation SG17e1		21.4 µm	RB-CVG0096,SG17e1	2	ol,pl,FeNi



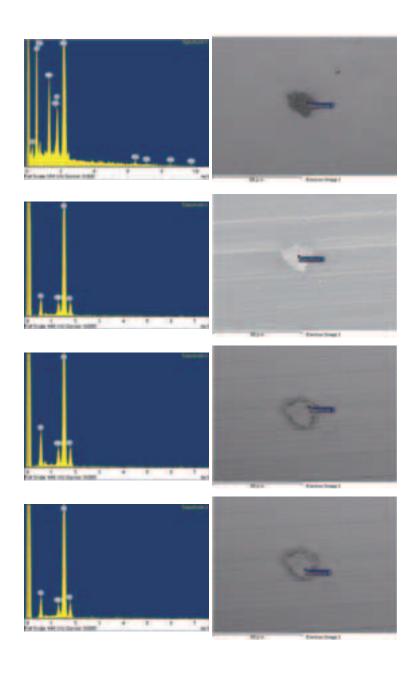
Status	Date	Size	Transfer	Category	Phase
Curation SG17e2		26.28 µm	RB-CVG0094,SG17e2	1	ol,pl



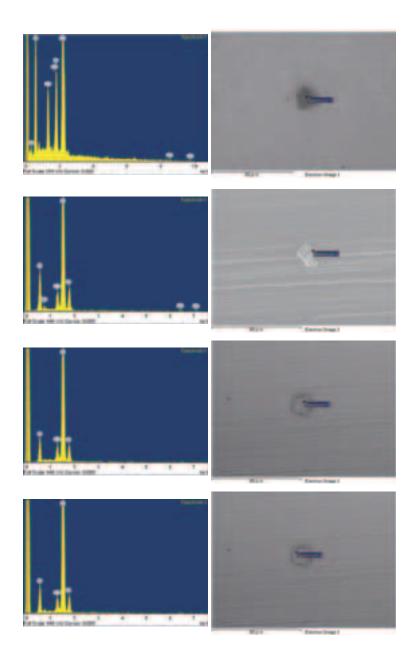
Status	Date	Size	Transfer	Category	Phase
Curation SG17e3		25.22 µm	RB-CVG0099,SG17e3	1	ol



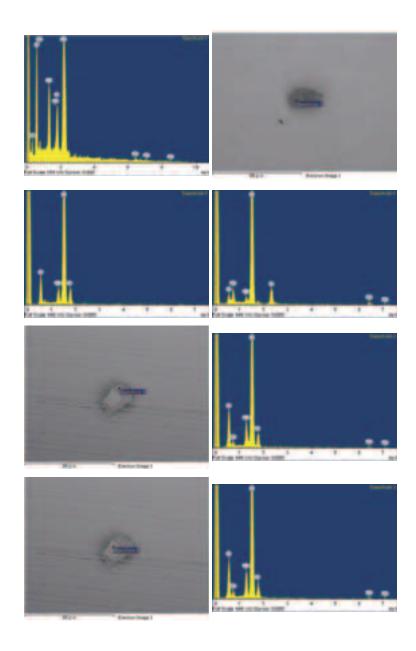
Status	Date	Size	Transfer	Category	Phase
Curation SG17e5		21.99 µm	RB-CVG0585,SG17e5	1	lpx,ol



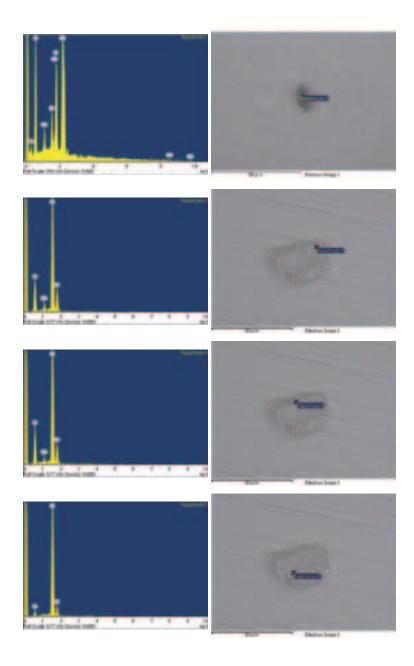
Status	Date	Size	Transfer	Category	Phase
Curation SG17f0		18.90 µm	RB-CVG0587,SG17f0	1	lpx



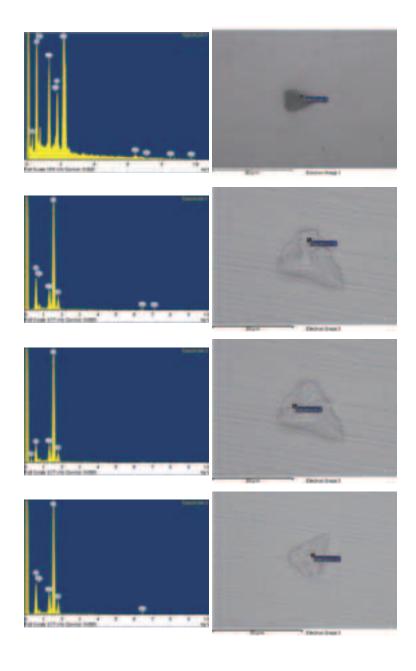
Status	Date	Size	Transfer	Category	Phase
Curation SG17f1		26.01 µm	RB-CVG0589,SG17f1	2	ol,FeS



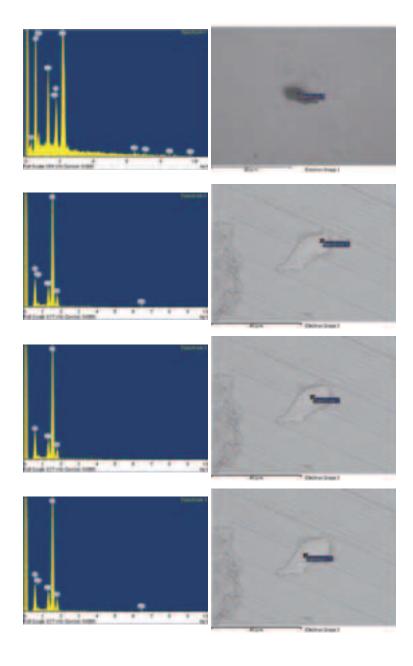
Status	Date	Size	Transfer	Category	Phase
Curation SG17f2		24.17 µm	RB-CVG0122,SG17f2	1	pl



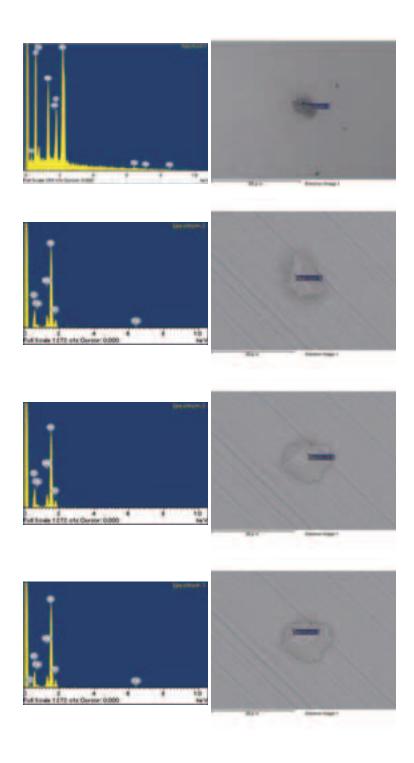
Status	Date	Size	Transfer	Category	Phase
Curation SG17f3		26.07 µm	RB-CVG0123,SG17f3	2	ol,FeCr



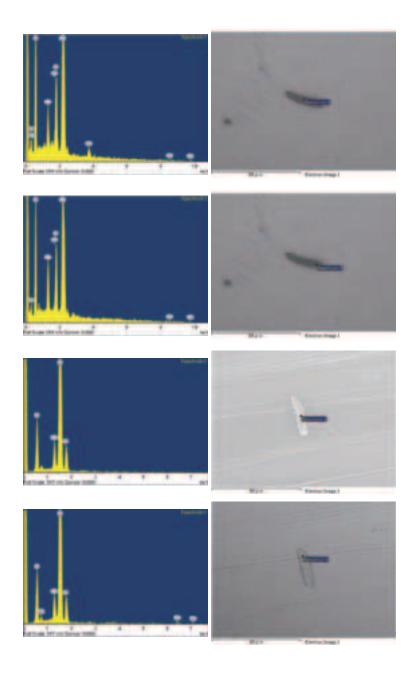
Status	Date	Size	Transfer	Category	Phase
Curation SG17f4		28.42 µm	RB-CVG0132,SG17f4	1	ol



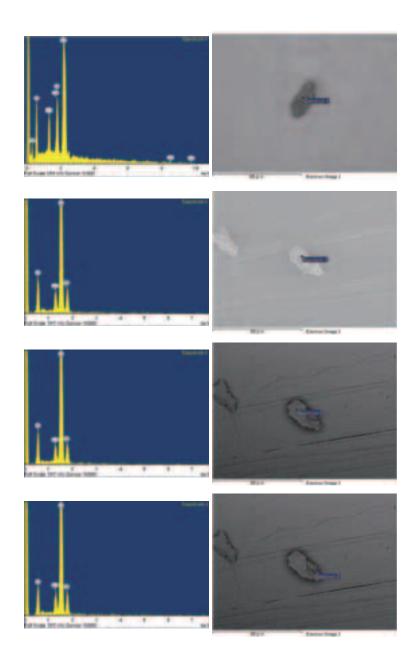
Status	Date	Size	Transfer	Category	Phase
Curation SG17f5		18.72 µm	RB-CVG0056,SG17f5	1	ol



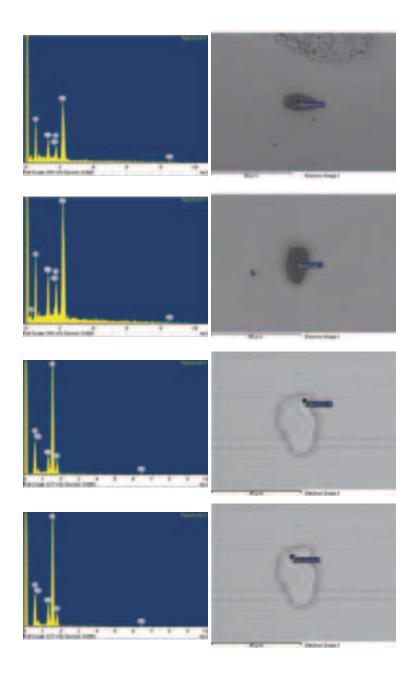
Status	Date	Size	Transfer	Category	Phase
Curation SG18a1		29.12 µm	RB-CVG0692,SG18a1	1	lpx, hpx



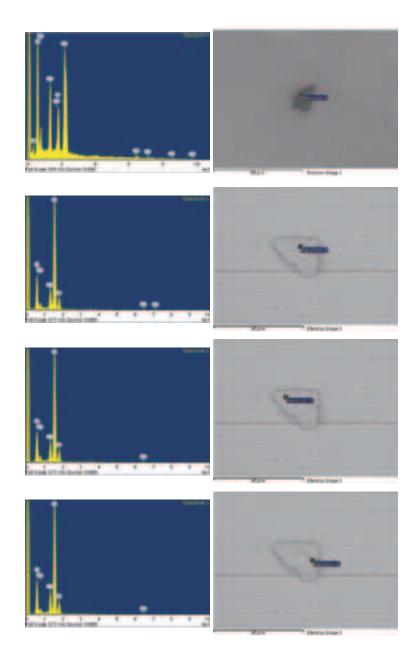
Status	Date	Size	Transfer	Category	Phase
Curation SG18a2		27.79µm	RB-CVG0694,SG18a2	1	lpx



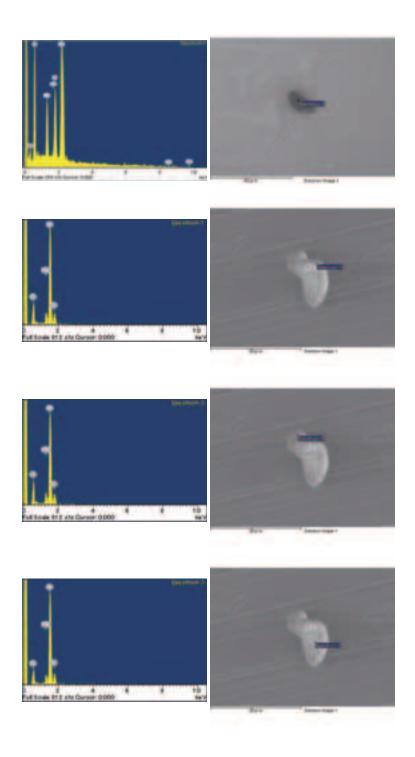
Status	Date	Size	Transfer	Category	Phase
Curation SG18a3		27.83 µm	RB-CVG0090,SG18a3	1	ol



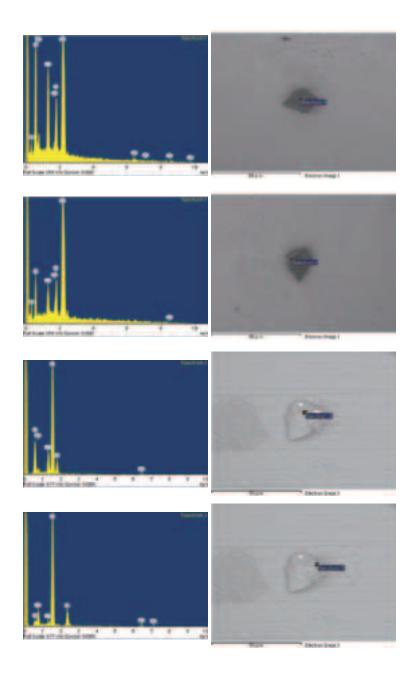
Status	Date	Size	Transfer	Category	Phase
Curation SG18a4		24.57 µm	RB-CVG0095,SG18a4	1	ol



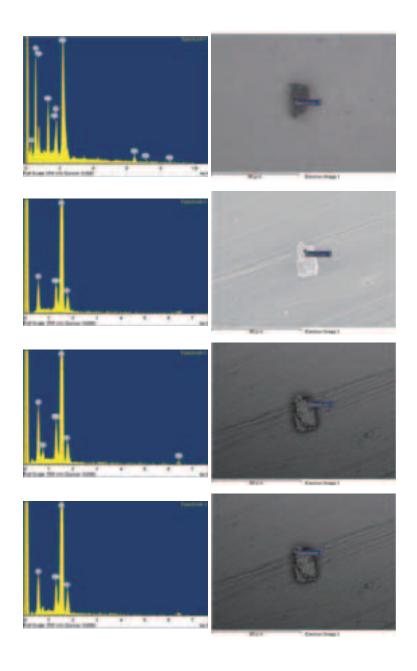
Status	Date	Size	Transfer	Category	Phase
Curation SG18b1		20.83 µm	RB-CVG0039,SG18b1	1	Ірх



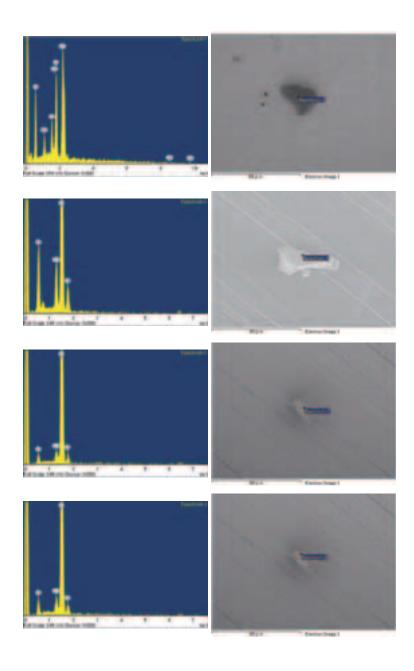
Status	Date	Size	Transfer	Category	Phase
Curation SG18a0		28.24 µm	RB-CVG0116,SG18a0	2	ol,lpx,FeS



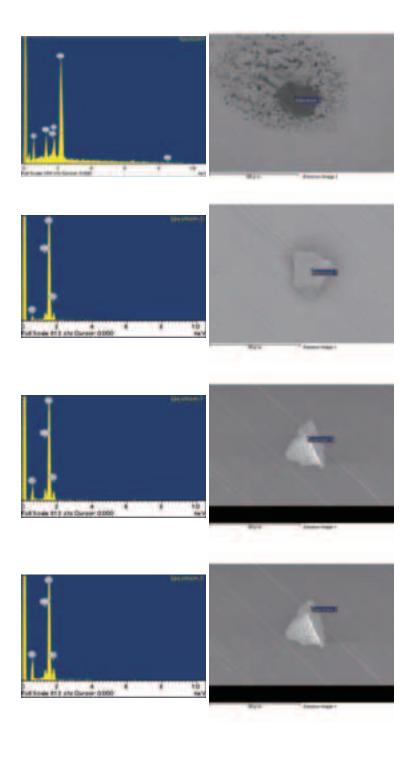
Status	Date	Size	Transfer	Category	Phase
Curation SG18b2		25.76 µm	RB-CVG0700,SG18b2	1	ol,pl



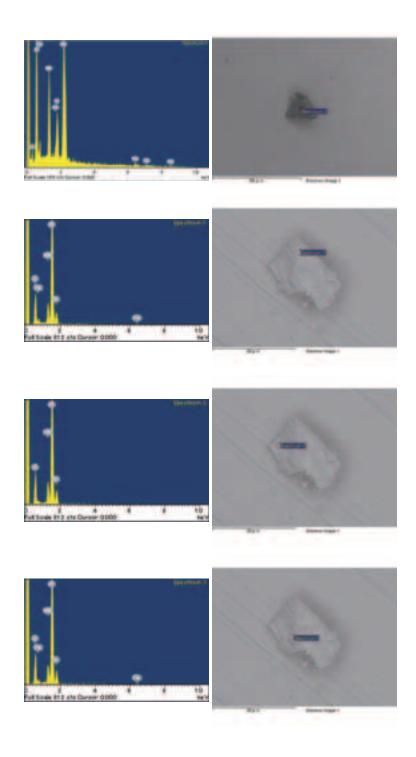
Status	Date	Size	Transfer	Category	Phase
Curation SG18b3		21.44 µm	RB-CVG0668,SG18b3	1	ol,pl



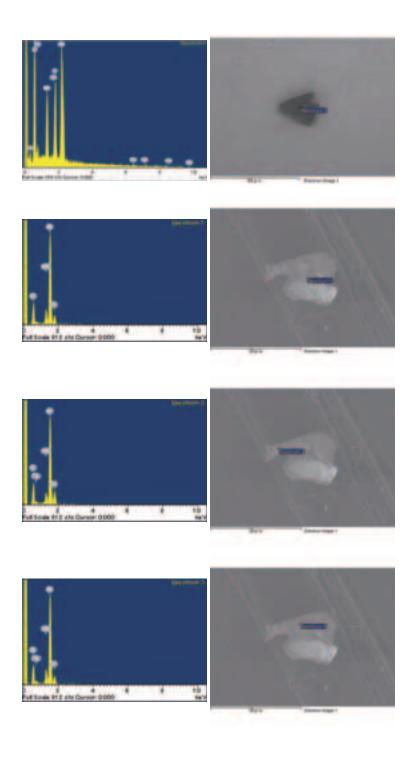
Status	Date	Size	Transfer	Category	Phase
Curation SG18b4		24.33 µm	RB-CVG0043,SG18b4	2	ol,lpx,FeS



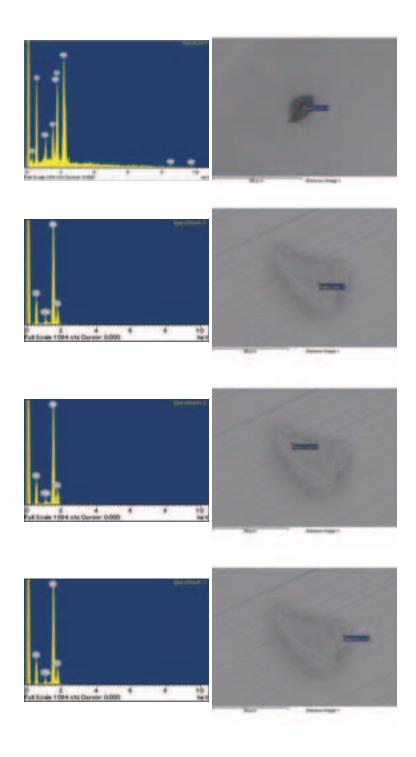
Status	Date	Size	Transfer	Category	Phase
Curation SG18b5		27.40 µm	RB-CVG0044,SG18b5	1	ol



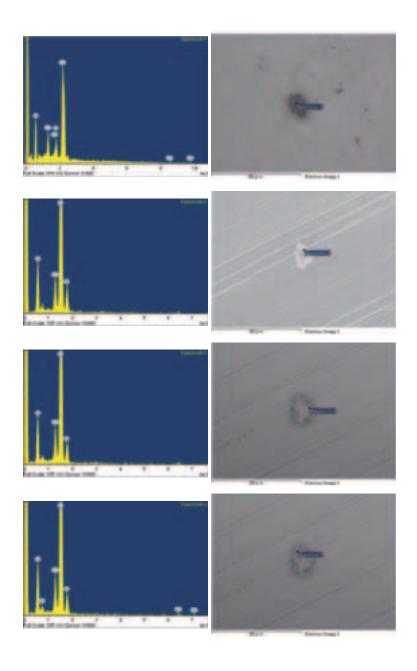
Status	Date	Size	Transfer	Category	Phase
Curation SG18c0		26.45 µm	RB-CVG0040,SG18c0	2	ol,lpx,FeS



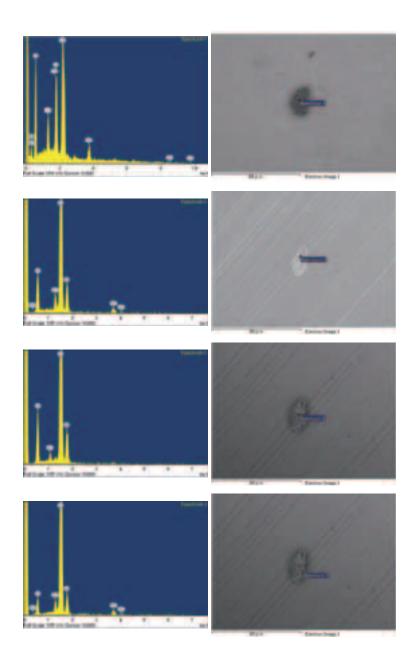
Status	Date	Size	Transfer	Category	Phase
Curation SG18c1		25.24 µm	RB-CVG0024,SG18c1	1	pl



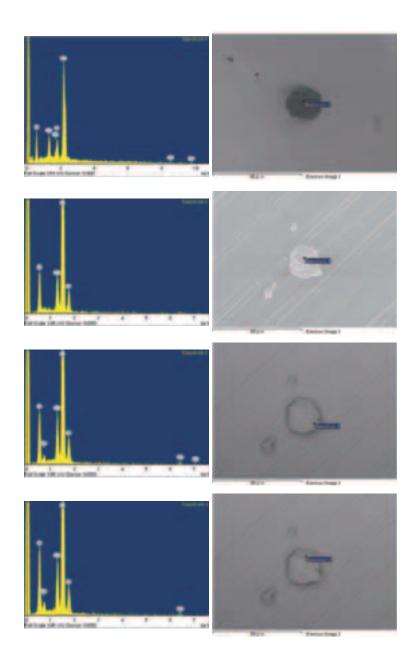
Status	Date	Size	Transfer	Category	Phase
Curation SG18c2		19.43 µm	RB-CVG0615,SG18c2	1	ol



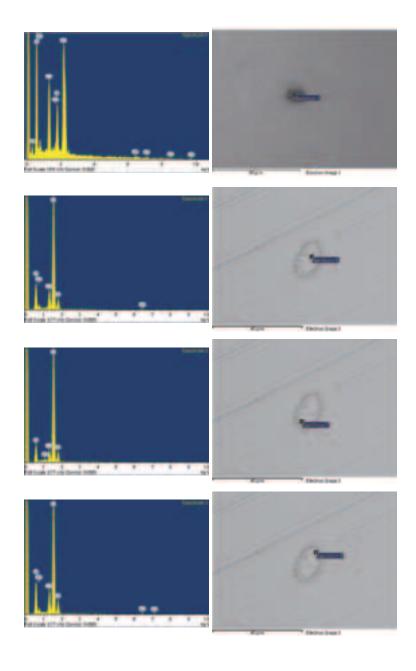
Status	Date	Size	Transfer	Category	Phase
Curation SG18c3		23.77 µm	RB-CVG0623,SG18c3	1	hpx,pl



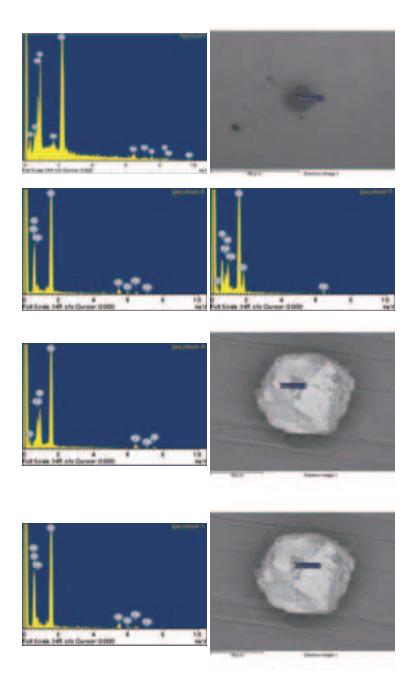
Status	Date	Size	Transfer	Category	Phase
Curation SG18c4		27.07 µm	RB-CVG0684,SG18c4	1	ol



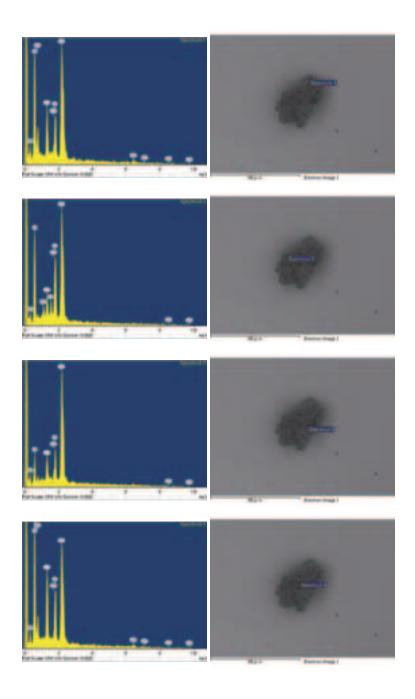
Status	Date	Size	Transfer	Category	Phase
Curation SG18c5		15.96 µm	RB-CVG0135,SG18c5	1	ol,pl



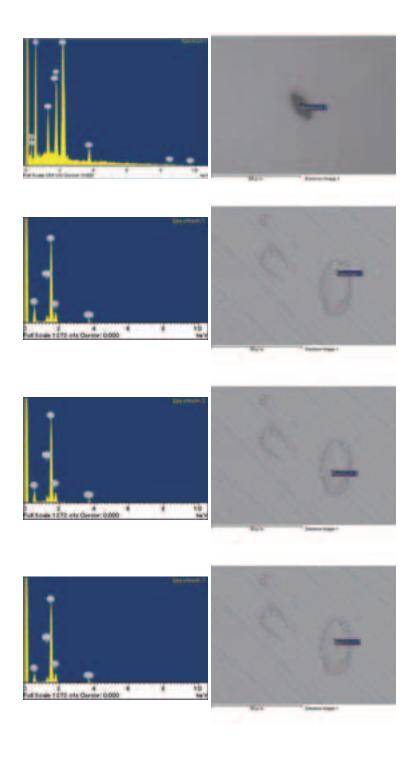
Status	Date	Size	Transfer	Category	Phase
Curation SG18d2		19.44 µm	RB-CVL0003,SG18d2	2	FeNi,FeCr,pl



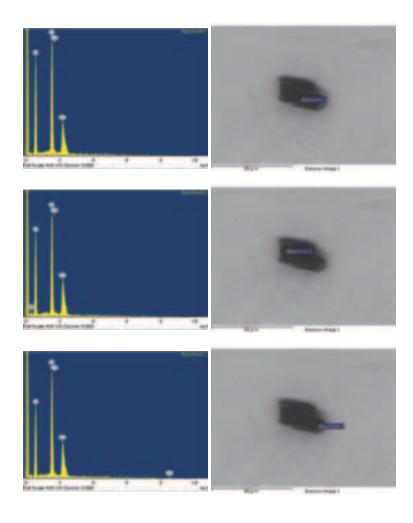
Status	Date	Size	Transfer	Category	Phase
Curation SG18d3		47.75 µm	RB-CVG0022,SG18d3	2	ol,lpx, hpx,pl,Fe,FeS



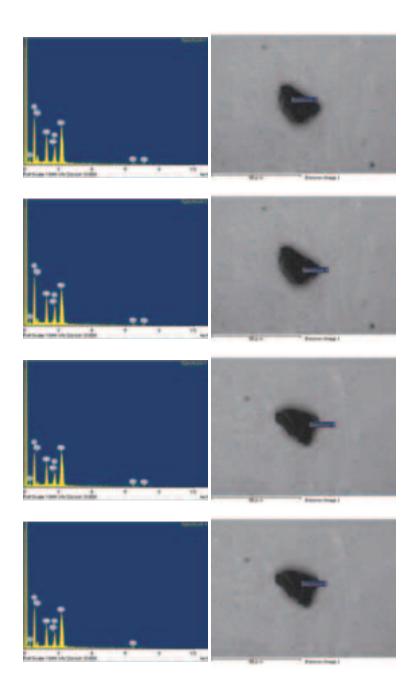
Status	Date	Size	Transfer	Category	Phase
Curation SG18b0		23.47 µm	RB-CVG0055,SG18b0	1	hpx



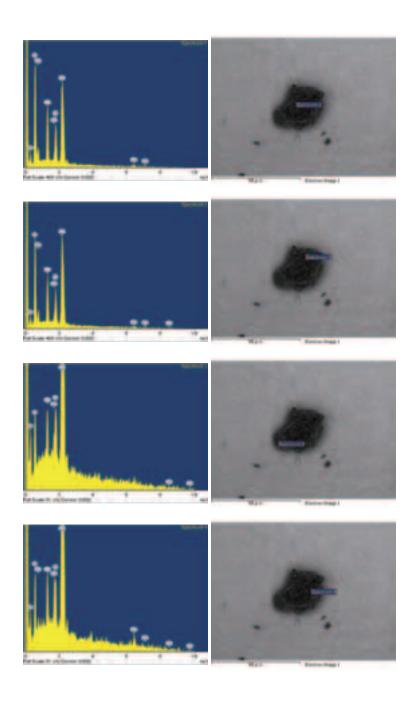
Status	Date	Size	Transfer	Category	Phase
Curation SG07e5		50µm	RB-CVA0737,SG07e5	4	AI,O



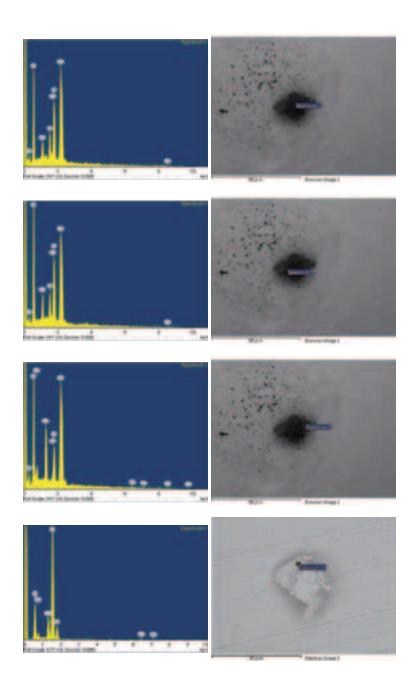
Status	Date	Size	Transfer	Category	Phase
Curation SG18d4		30.7µm	RB-CVA0707, SG18d4	1	ol



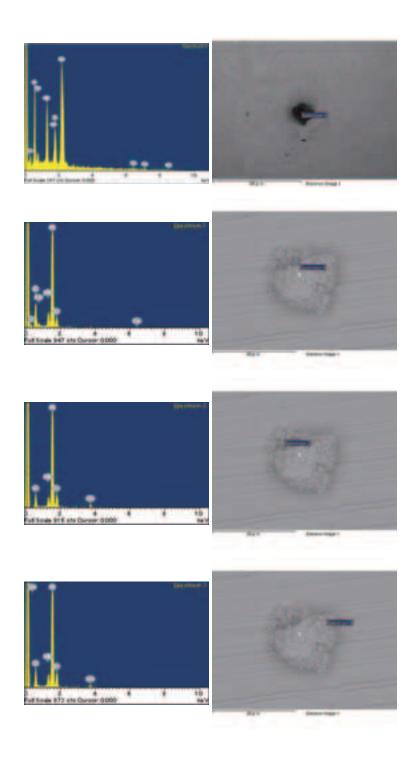
Status	Date	Size	Transfer	Category	Phase
Curation SG18e0		43.2µm	RB-CVA0709,SG18e0	1	ol,lpx



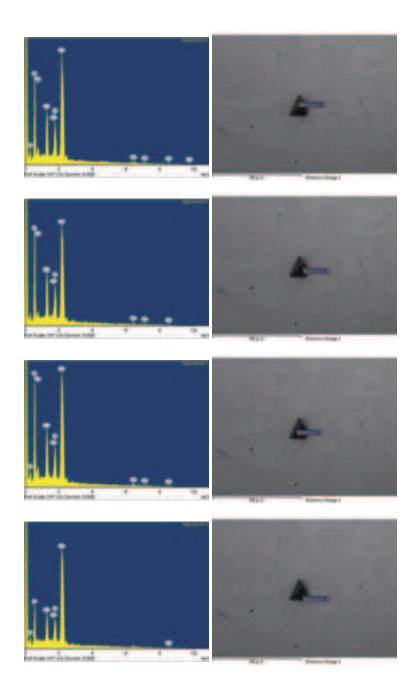
Status	Date	Size	Transfer	Category	Phase
Curation SG18e1		27.25µm	RB-CVG0112,SG18e1	1	ol



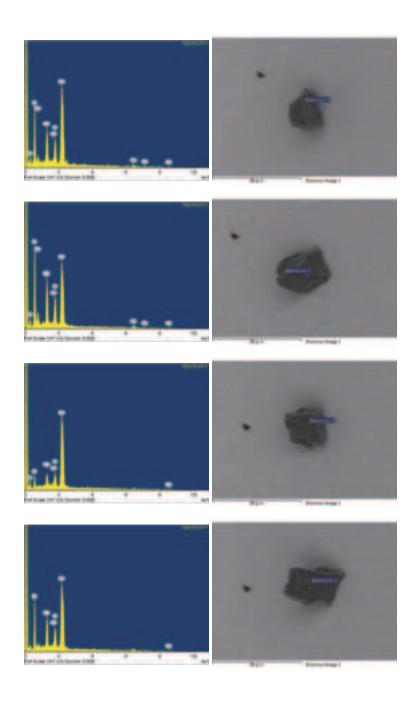
Status	Date	Size	Transfer	Category	Phase
Curation SG18e2		29.13µm	RB-CVG0079,SG18e2	2	ol,hpx,FeS



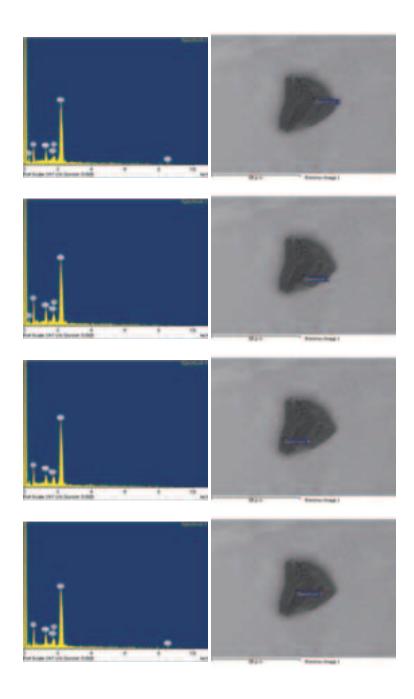
Status	Date	Size	Transfer	Category	Phase
Curation SG18e4		17.6µm	RB-CVA0727,SG18e4	1	ol



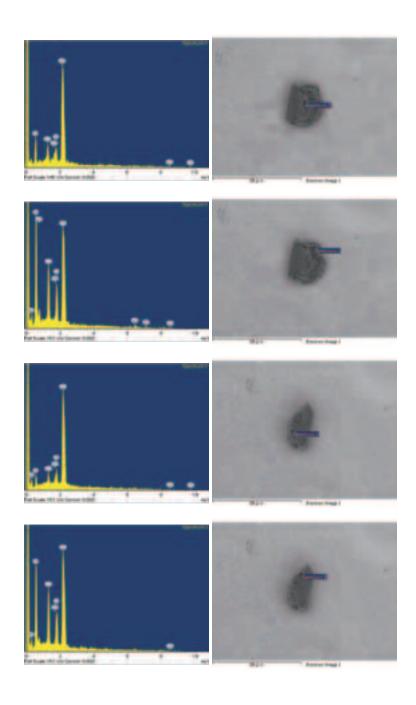
Status	Date	Size	Transfer	Category	Phase
Curation SG18e5		15.0µm	RB-CVA0728,SG18e5	1	ol



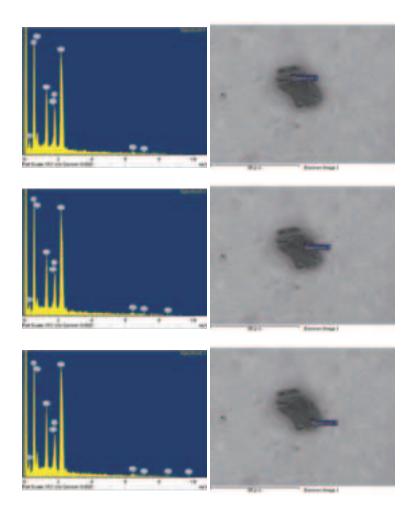
Status	Date	Size	Transfer	Category	Phase
Curation SG18f0		20.7µm	RB-CVA0731, SG18f0	1	ol



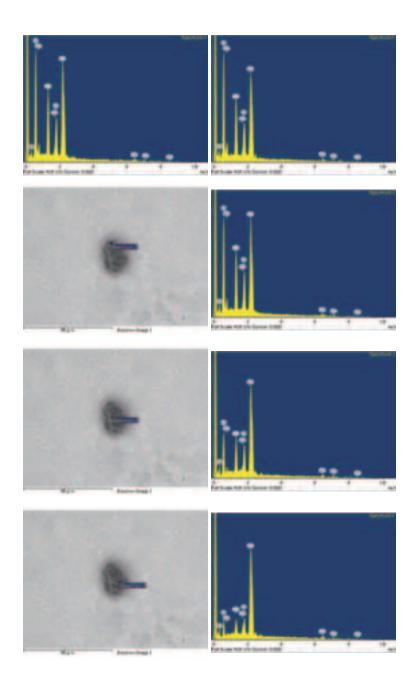
Status	Date	Size	Transfer	Category	Phase
Curation SG18f1		16.1µm	RB-CVA0732,SG18f1	1	ol,lpx



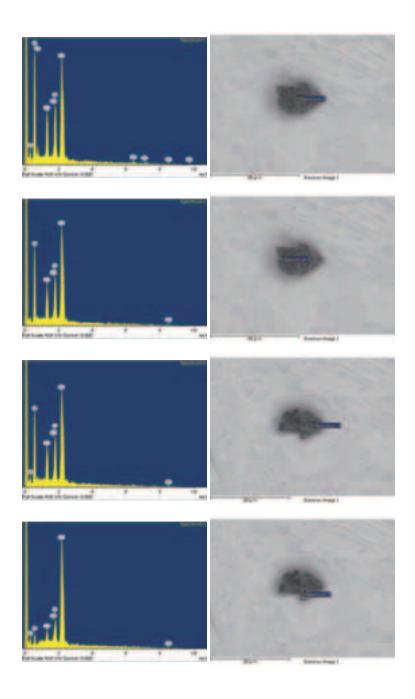
Status	Date	Size	Transfer	Category	Phase
Curation SG18f2		17.7µm	RB-CVA0733, SG18f2	1	ol



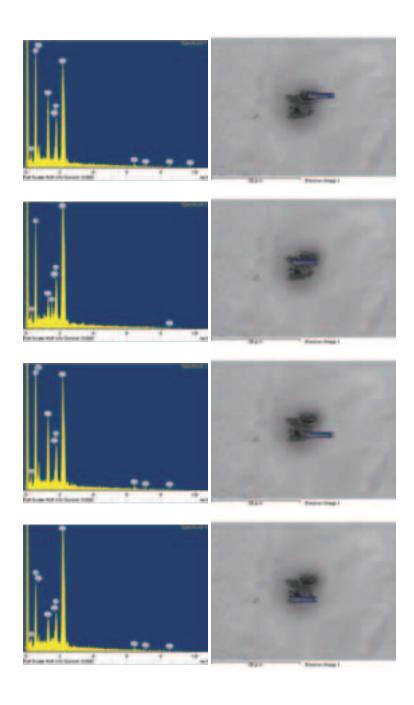
Status	Date	Size	Transfer	Category	Phase
Curation SG18f3		14.7µm	RB-CVA0734, SG18f3	1	ol



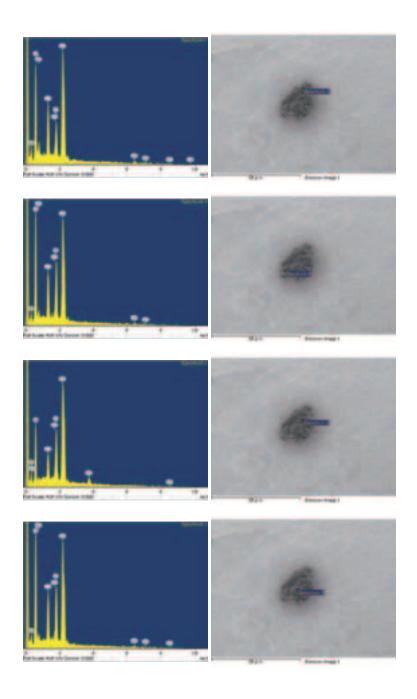
Status	Date	Size	Transfer	Category	Phase
Curation SG18f4		20.88µm	RB-CVG0069, SG18f4	1	lpx,hpx,pl



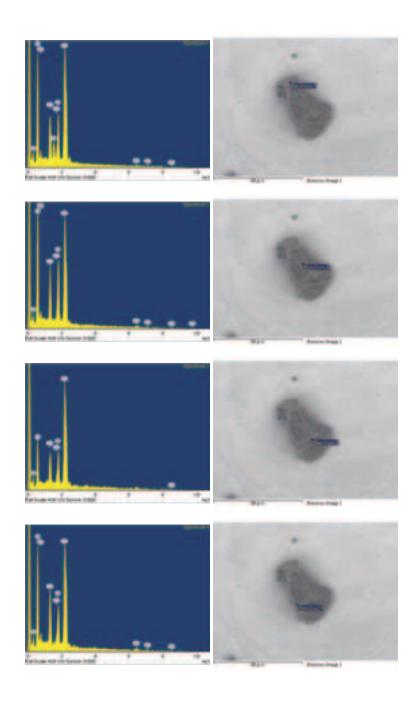
Status	Date	Size	Transfer	Category	Phase
Curation SG18f5		13.9µm	RB-CVA0735, SG18f5	1	ol,lpx,pl



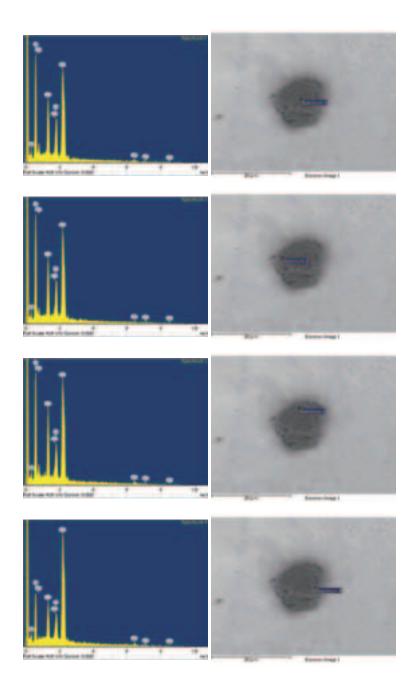
Status	Date	Size	Transfer	Category	Phase
Curation SG19a0		14.8µm	RB-CVA0736, SG19a0	1	ol,lpx,hpx



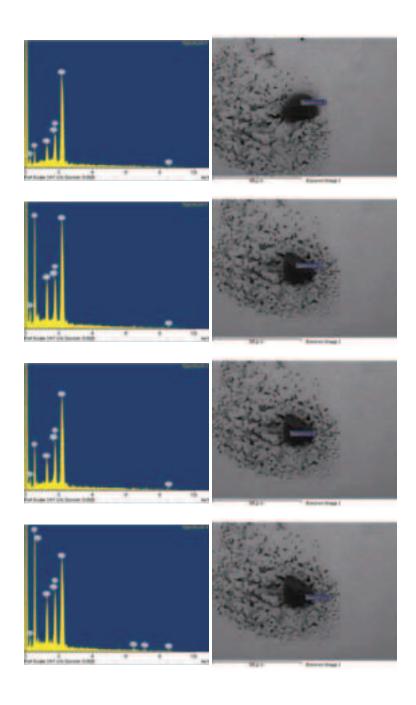
Status	Date	Size	Transfer	Category	Phase
Curation SG19a1		22.3µm	RB-CVA0738, SG19a1	1	lpx,ol,Al



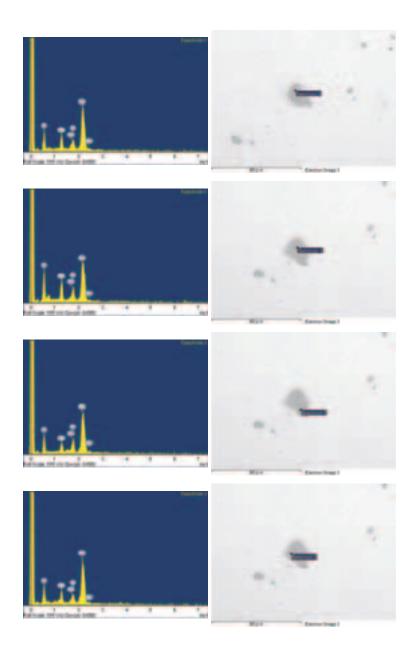
Status	Date	Size	Transfer	Category	Phase
Curation SG19a2		21.2µm	RB-CVA0739, SG19a2	1	ol



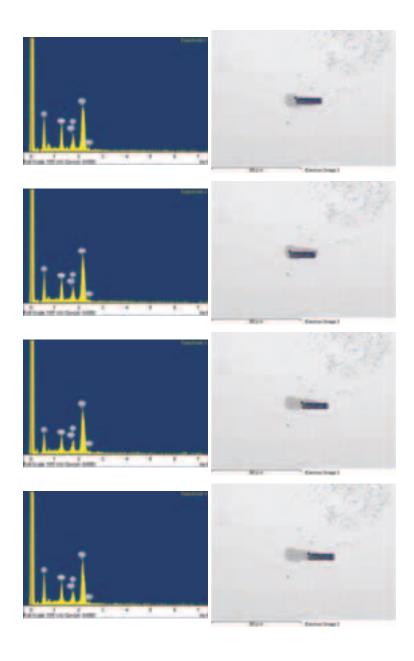
Status	Date	Size	Transfer	Category	Phase
Curation SG19a3		23.9µm	RB-CVA0710, SG19a3	1	lpx



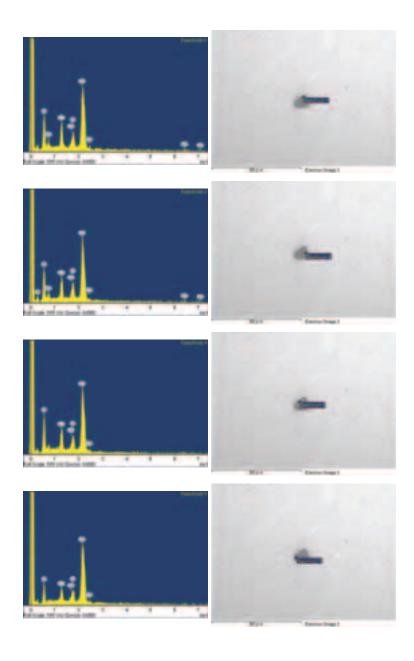
Status	Date	Size	Transfer	Category	Phase
Curation SG19a5		21.19µm	RB-CVA0756, SG19a5	1	ol,lpx



Status	Date	Size	Transfer	Category	Phase
Curation SG19b1		23.36µm	RB-CVA0759, SG19b1	1	ol

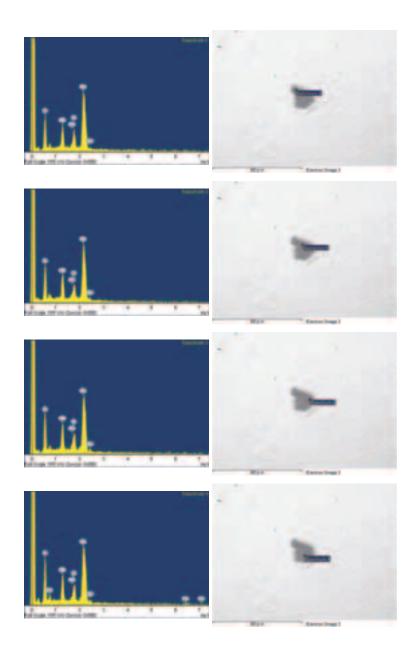


Status	Date	Size	Transfer	Category	Phase
Curation SG19b2		11.56µm	RB-CVA0763, SG19b2	1	ol



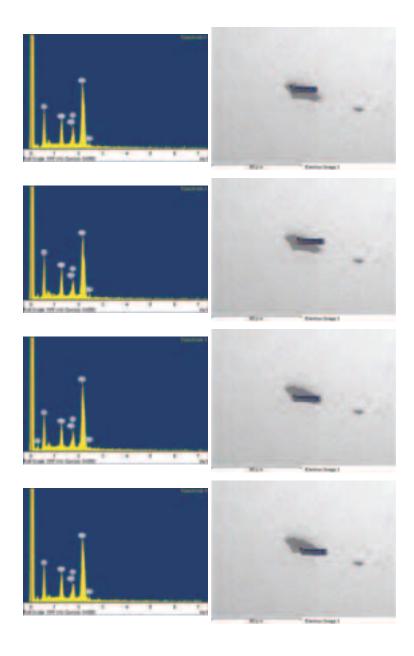
# RB-CV-0153-01

Status	Date	Size	Transfer	Category	Phase
Curation SG19b3		18.58µm	RB-CVA0764-01, SG19b3	1	ol

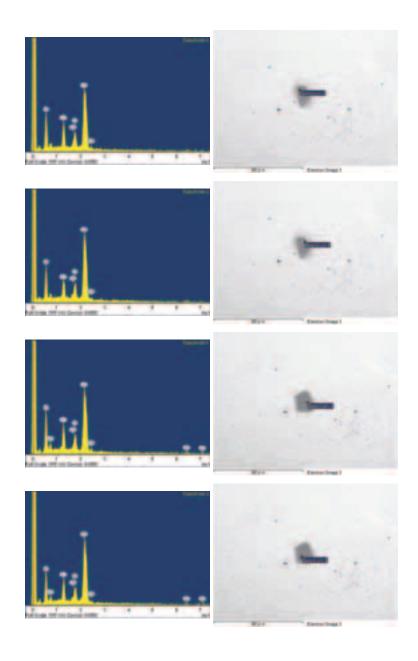


# RB-CV-0153-02

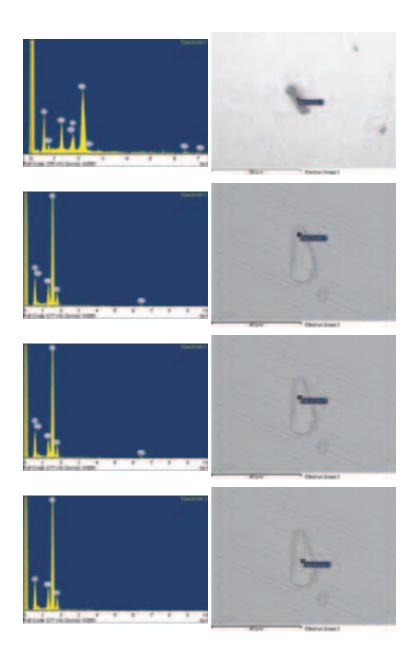
Status	Date	Size	Transfer	Category	Phase
Curation SG19b4		26.8µm	RB-CVA0764-02, SG19b4	1	ol



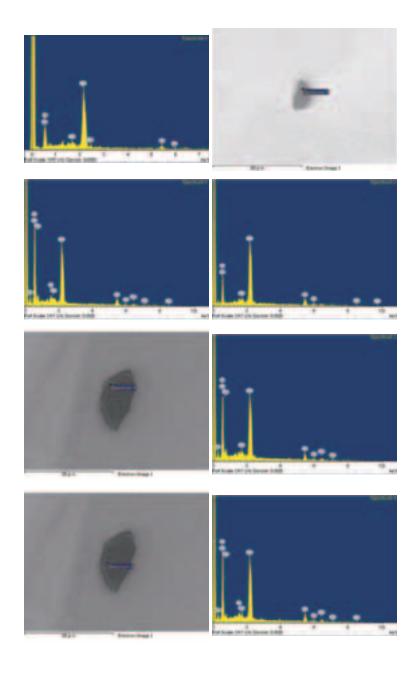
Status	Date	Size	Transfer	Category	Phase
Curation SG19b5		15.58µm	RB-CVA0765, SG19b5	1	ol



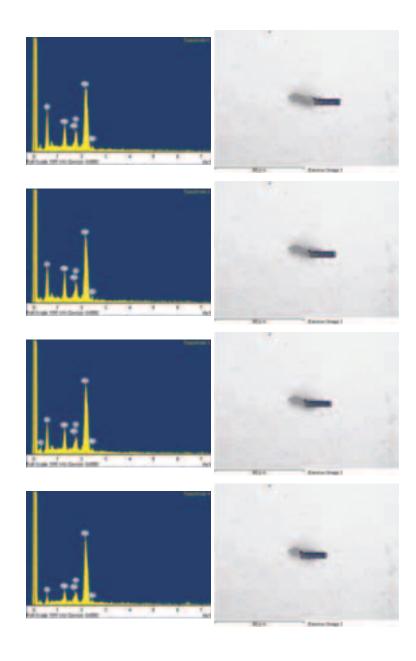
Status	Date	Size	Transfer	Category	Phase
Curation SG19c0		26.33µm	RB-CVG0133, SG19c0	1	ol



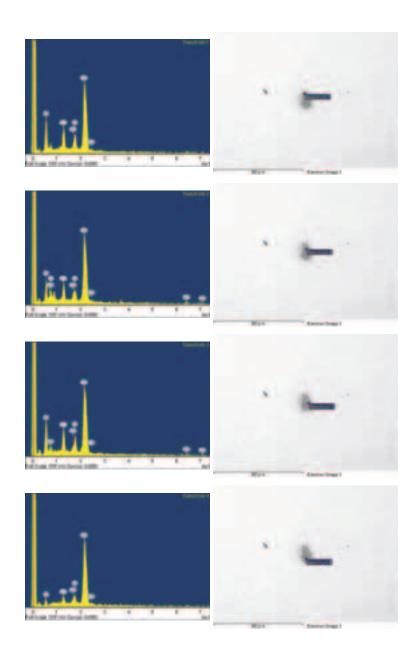
Status	Date	Size	Transfer	Category	Phase
Curation SG19c1		21.5µm	RB-CVA0729, SG19c1	2	Fe,Cr,Al,O



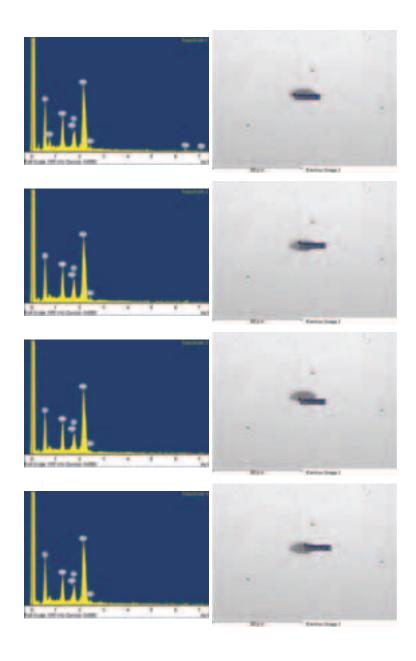
Status	Date	Size	Transfer	Category	Phase
Curation SG19c2		23.39µm	RB-CVA0777, SG19c2	1	ol



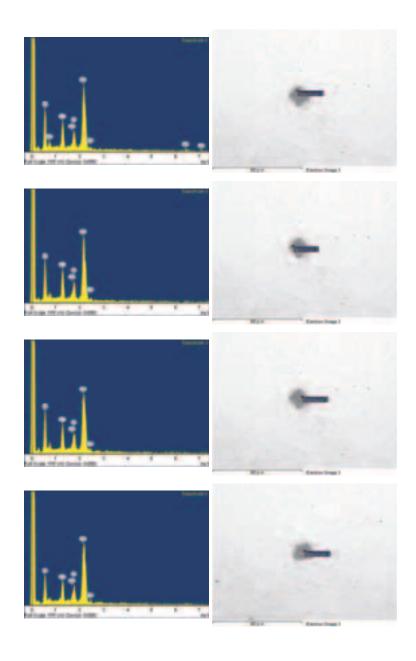
Status	Date	Size	Transfer	Category	Phase
Curation SG19c2		12.15µm	RB-CVA0780, SG19c2	2	ol,FeNi



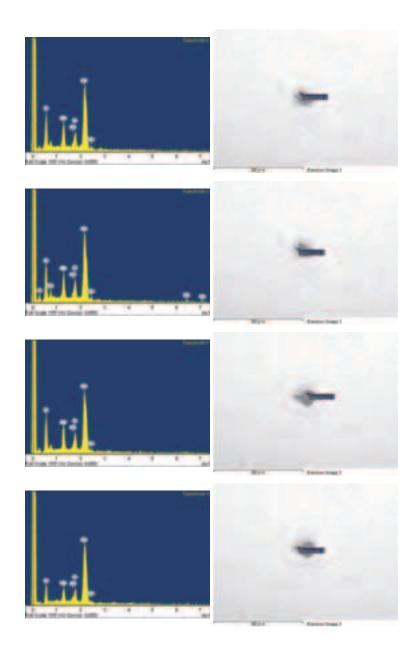
Status	Date	Size	Transfer	Category	Phase
Curation SG19c4		18.48µm	RB-CVA0781, SG19c4	1	ol



Status	Date	Size	Transfer	Category	Phase
Curation SG19c5		15.12µm	RB-CVA0788, SG19c5	1	ol

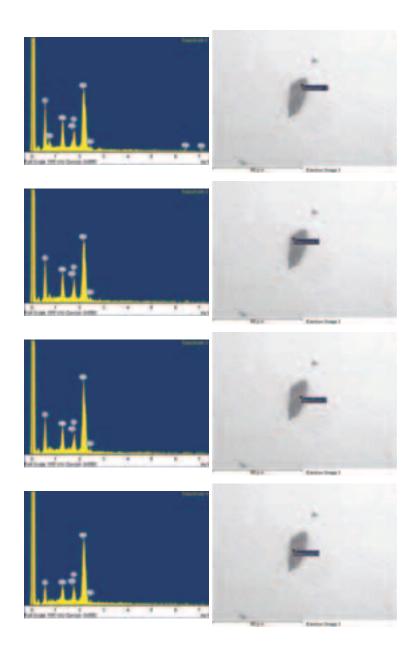


Status	Date	Size	Transfer	Category	Phase
Curation SG19d0		18.11µm	RB-CVA0791, SG19d0	1	ol



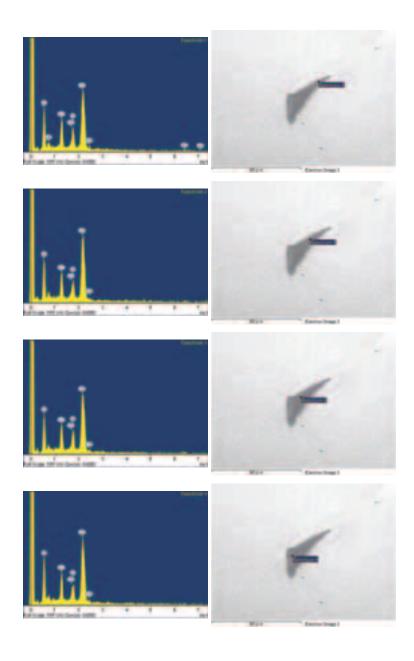
# RB-CV-0163-01

Status	Date	Size	Transfer	Category	Phase
Curation SG19d1		29.92µm	RB-CVA0792-01, SG19d1	1	ol



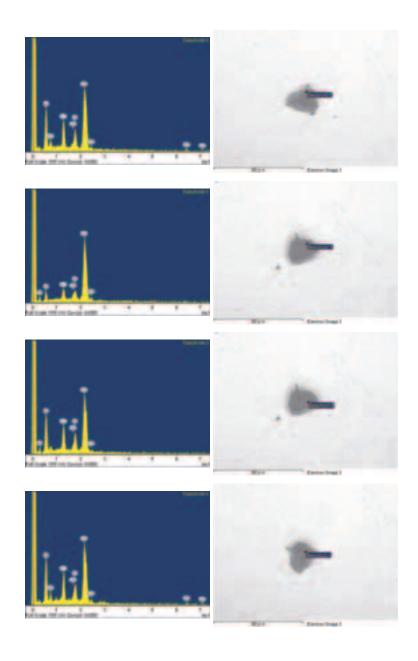
# RB-CV-0163-02

Status	Date	Size	Transfer	Category	Phase
Curation SG19d3		44.16µm	RB-CVA0792-02, SG19d3	1	ol



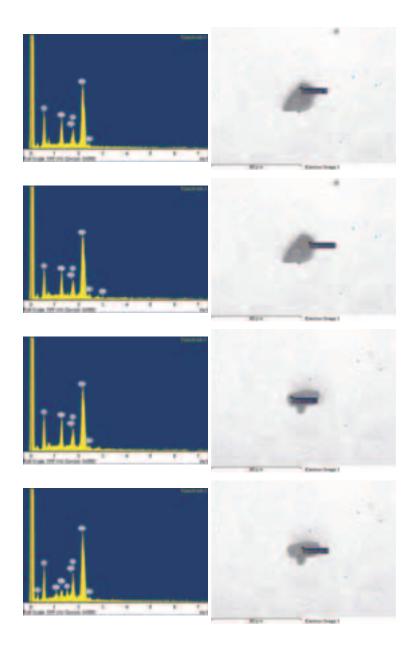
# RB-CV-0165-01

Status	Date	Size	Transfer	Category	Phase
Curation SG19d4		22.38µm	RB-CVA0794-01, SG19d4	1	ol

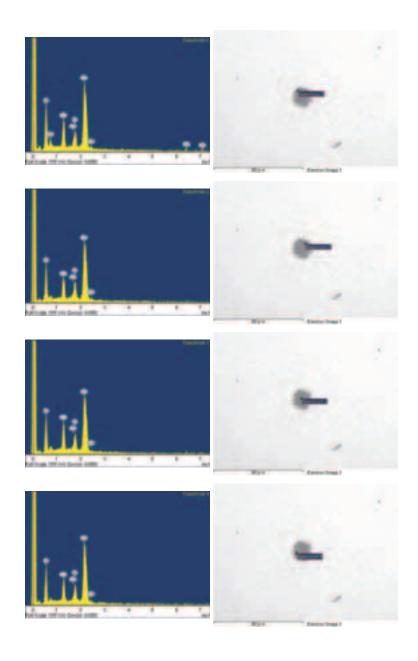


# RB-CV-0165-02

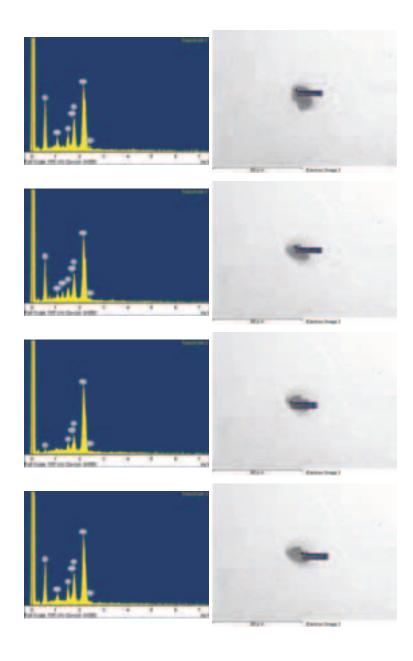
Status	Date	Size	Transfer	Category	Phase
Curation SG19e0		22.98µm	RB-CVA0794-02, SG19e0	1	ol,pl



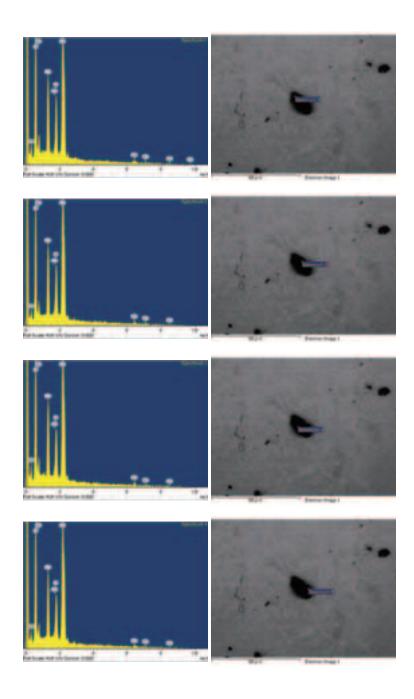
Status	Date	Size	Transfer	Category	Phase
Curation SG19e1		15.33µm	RB-CVA0795, SG19e1	1	ol



Status	Date	Size	Transfer	Category	Phase
Curation SG19e2		17.68µm	RB-CVA0806, SG19e2	1	pl

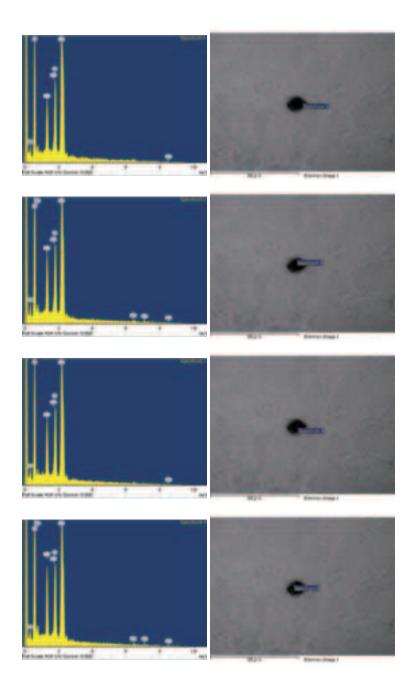


Status	Date	Size	Transfer	Category	Phase
Curation SG19e3		19.4µm	RB-CVA0807, SG19e3	1	ol

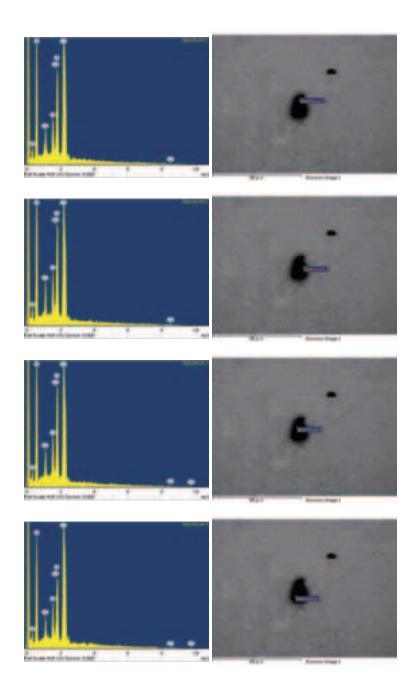


# RB-CV-0170-01

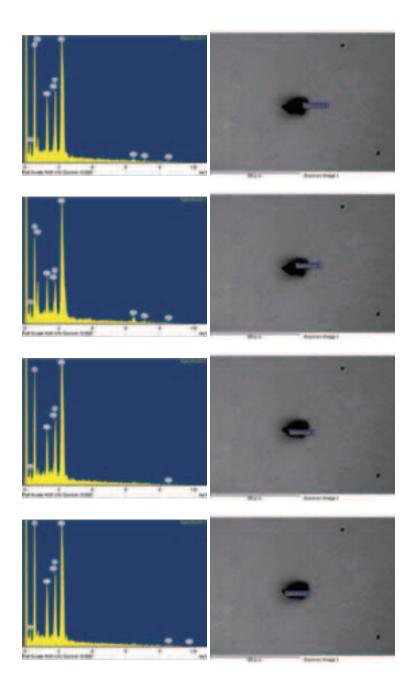
Status	Date	Size	Transfer	Category	Phase
Curation SG19e4		13.2µm	RB-CVA0812-01, SG19e4	1	lрх



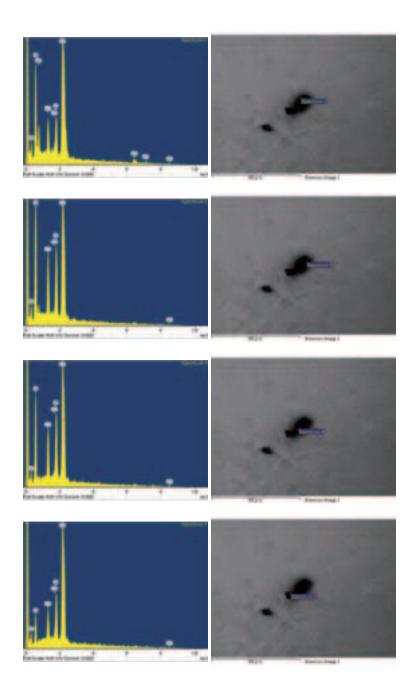
Status	Date	Size	Transfer	Category	Phase
Curation SG19e5		17.4µm	RB-CVA0813, SG19e5	1	pl



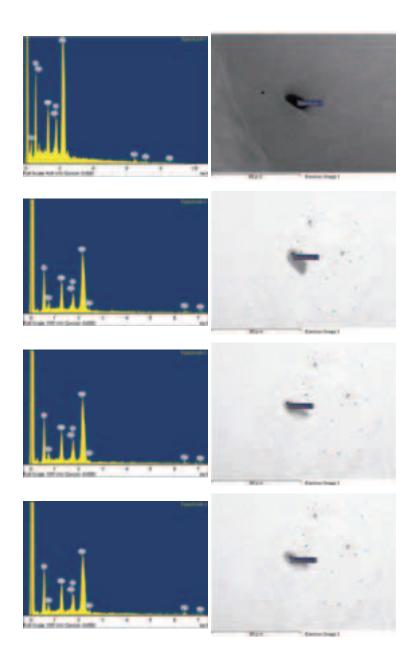
Status	Date	Size	Transfer	Category	Phase
Curation SG19f0		19.4µm	RB-CVA0817, SG19f0	1	lpx,ol



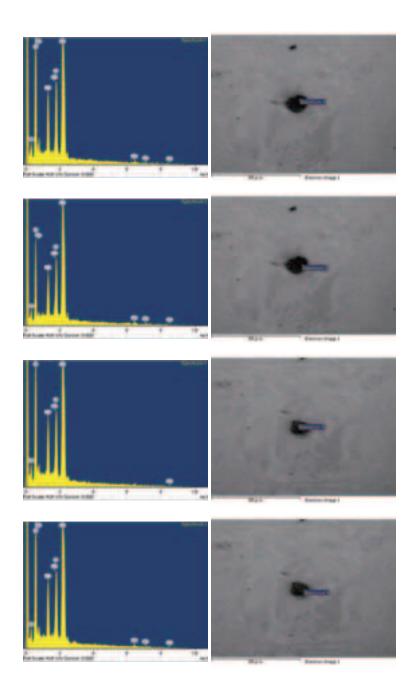
Status	Date	Size	Transfer	Category	Phase
Curation SG19f1		19.8µm	RB-CVA0818, SG19f1	2	lpx,Fe



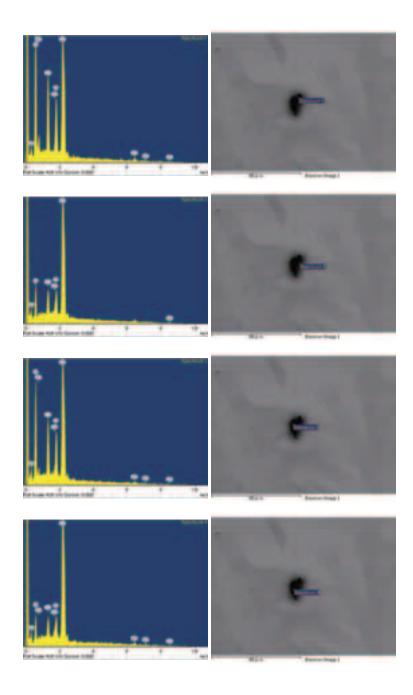
Status	Date	Size	Transfer	Category	Phase
Curation SG19f2		18.5µm	RB-CVA0774, SG19f2	1	ol



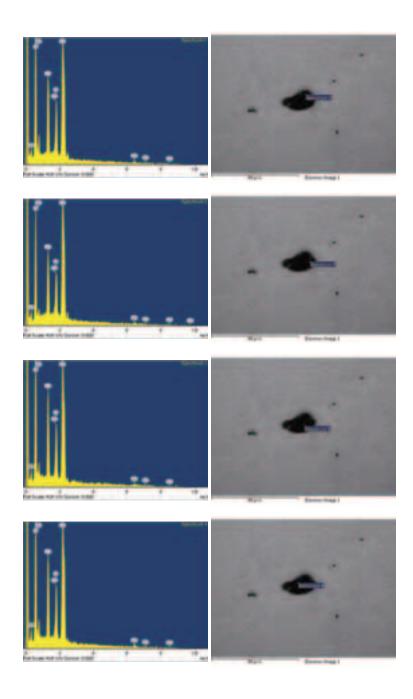
Status	Date	Size	Transfer	Category	Phase
Curation SG19f3		12.9µm	RB-CVA0819, SG19f3	1	lpx



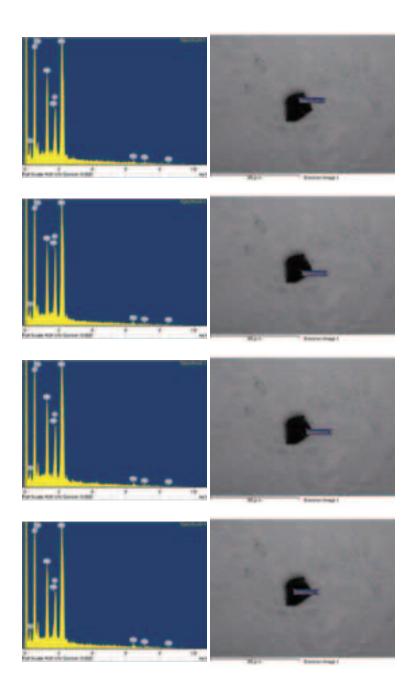
Status	Date	Size	Transfer	Category	Phase
Curation SG19f4		11.9µm	RB-CVA0834, SG19f4	1	ol



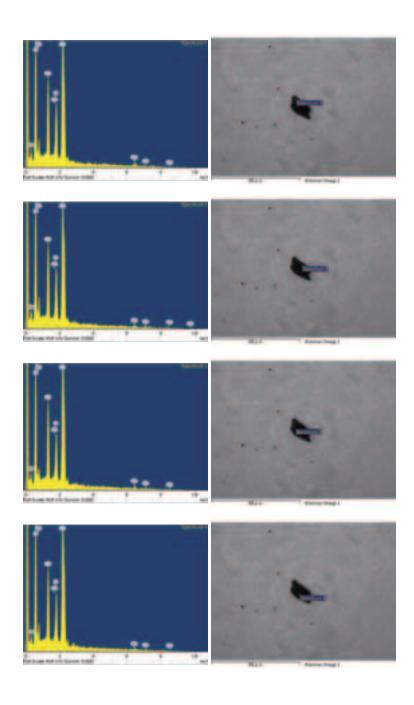
Status	Date	Size	Transfer	Category	Phase
Curation SG19f5		18.9µm	RB-CVA0863, SG19f5	1	ol



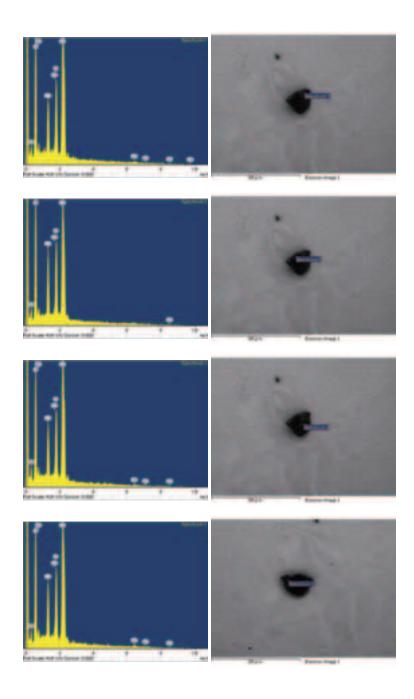
Status	Date	Size	Transfer	Category	Phase
Curation SG20a0		22.5µm	RB-CVA0864, SG20a0	1	ol,lpx



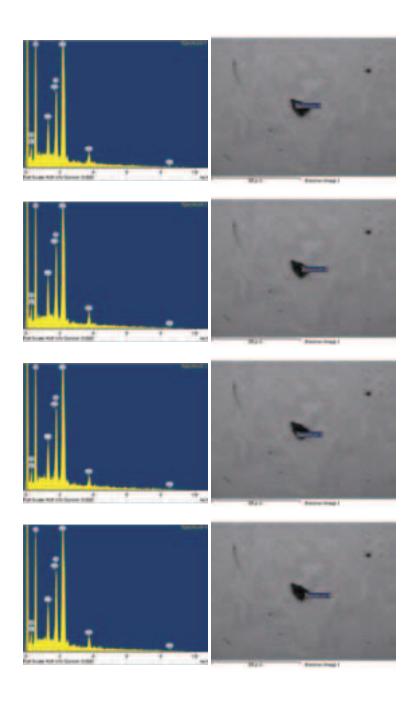
Status	Date	Size	Transfer	Category	Phase
Curation SG20a1		19.6µm	RB-CVA0870, SG20a1	1	ol



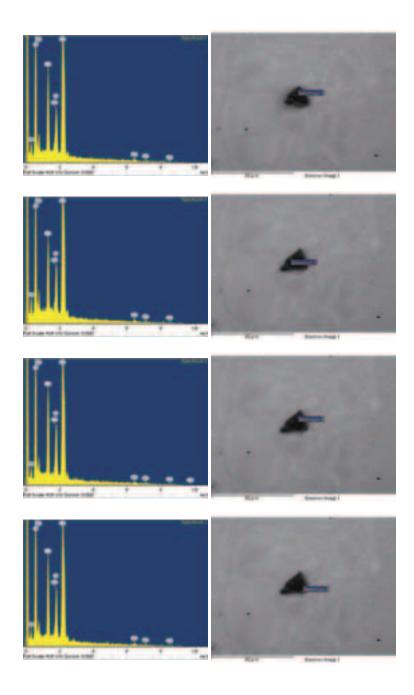
Status	Date	Size	Transfer	Category	Phase
Curation SG20a2		22.5µm	RB-CVA0873, SG20a2	1	lpx



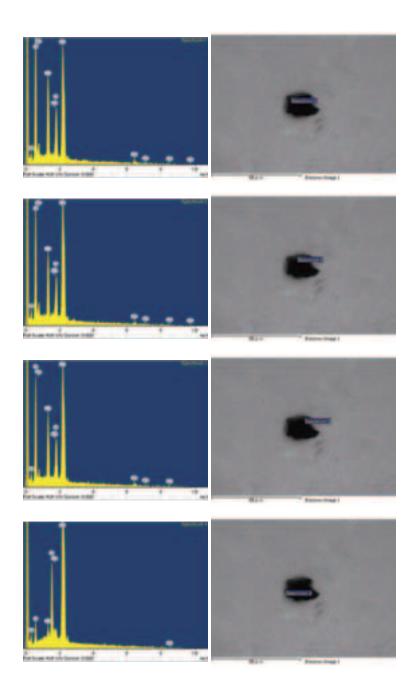
Status	Date	Size	Transfer	Category	Phase
Curation SG20a3		14.9µm	RB-CVA0887, SG20a3	1	hpx



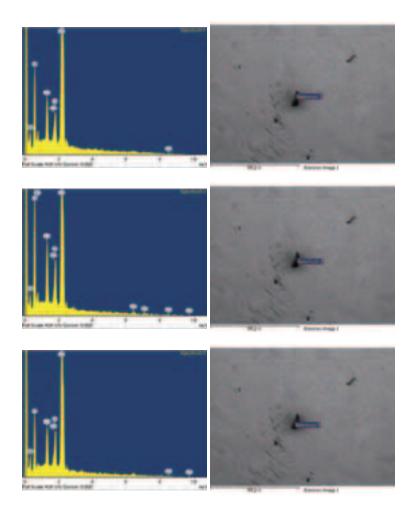
Status	Date	Size	Transfer	Category	Phase
Curation SG20a4		18.4µm	RB-CVA0889, SG20a4	1	ol



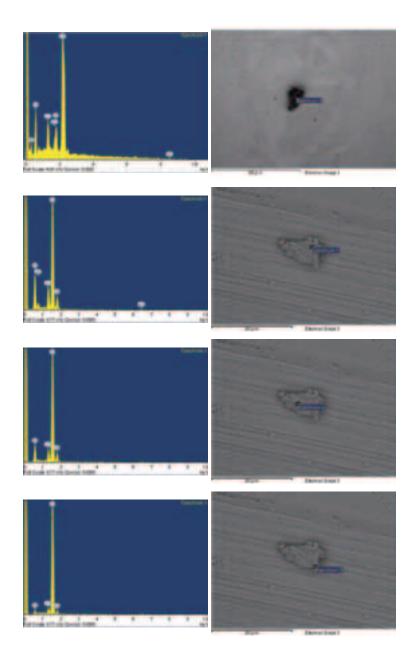
Status	Date	Size	Transfer	Category	Phase
Curation SG20a5		24.2µm	RB-CVA0890, SG20a5	1	ol,Al



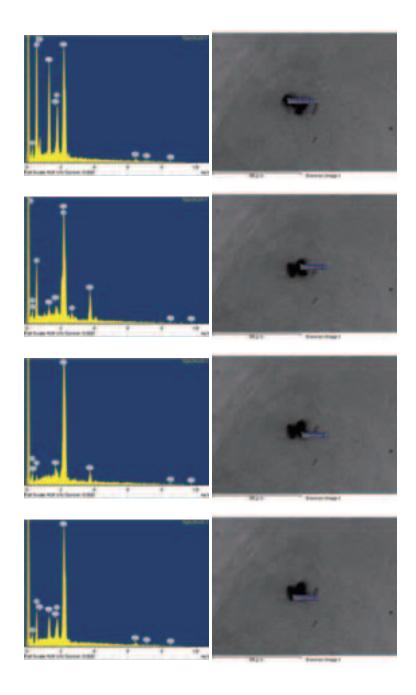
Status	Date	Size	Transfer	Category	Phase
Curation SG20b0		12.0µm	RB-CVA0913, SG20b0	1	ol



Status	Date	Size	Transfer	Category	Phase
Curation SG20b1		16.18µm	RB-CVG0101, SG20b1	1	ol

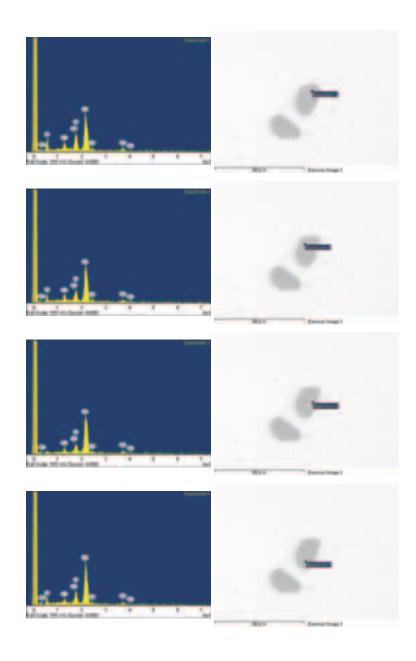


Status	Date	Size	Transfer	Category	Phase
BROKEN		17.3µm	RB-CVA0810, SG20b2	1	ol,hpx

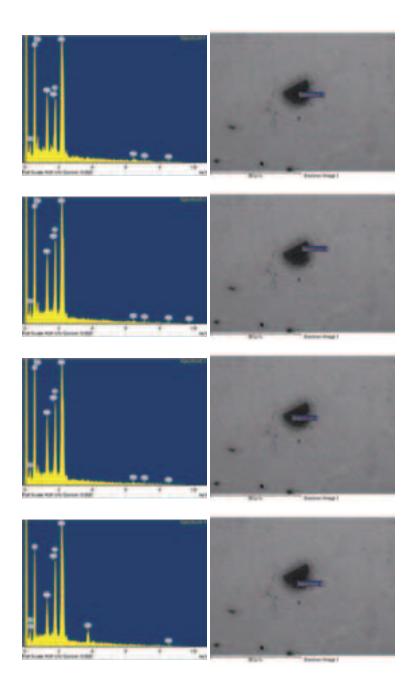


## RB-CV-0188-01

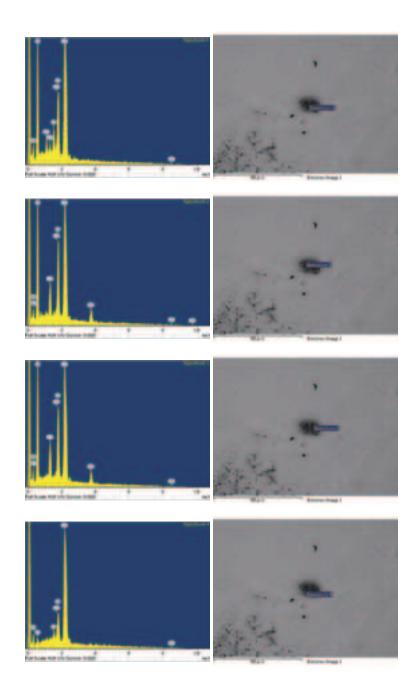
Status	Date	Size	Transfer	Category	Phase
Curation SG20b3		23.06µm	RB-CVA0741-01, SG20b3	1	hpx,AI



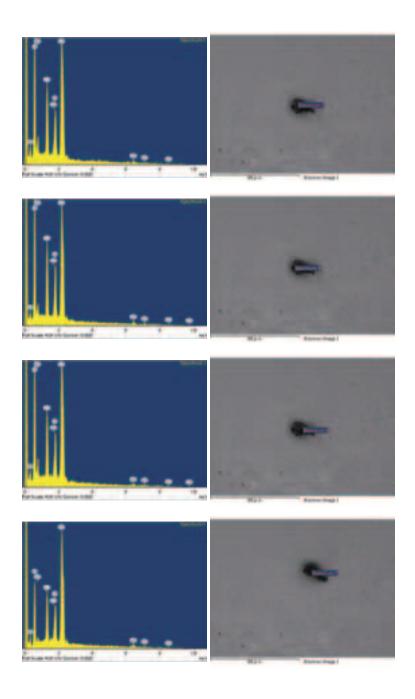
Status	Date	Size	Transfer	Category	Phase
Curation SG20d0		19.88µm	RB-CVA0936, SG20d0	1	hpx,lpx,ol



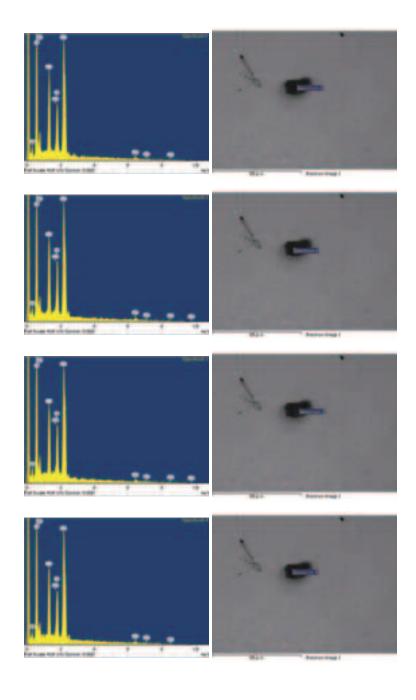
Status	Date	Size	Transfer	Category	Phase
Curation SG20d1		17.17µm	RB-CVA0954, SG20d1	1	hpx,pl



Status	Date	Size	Transfer	Category	Phase
Curation SG20d2		21.01µm	RB-CVA0955, SG20d2	1	ol,pl

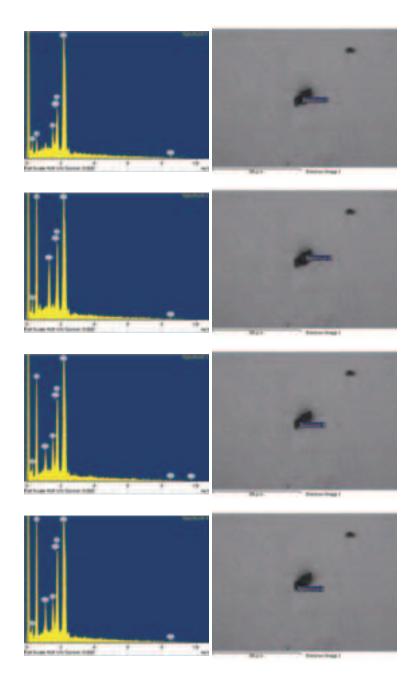


Status	Date	Size	Transfer	Category	Phase
Curation SG20d3		22.96µm	RB-CVA0967,SG20d3	1	ol



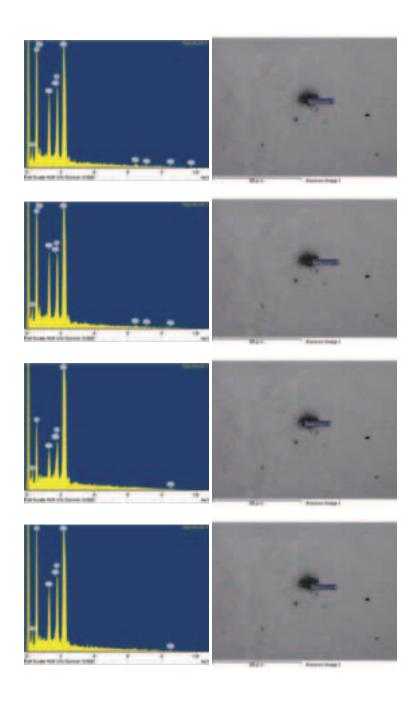
# RB-CV-0196-01

Status	Date	Size	Transfer	Category	Phase
Curation SG20d4		16.3µm	RB-CVA0971-1, SG20d4	1	pl,lpx

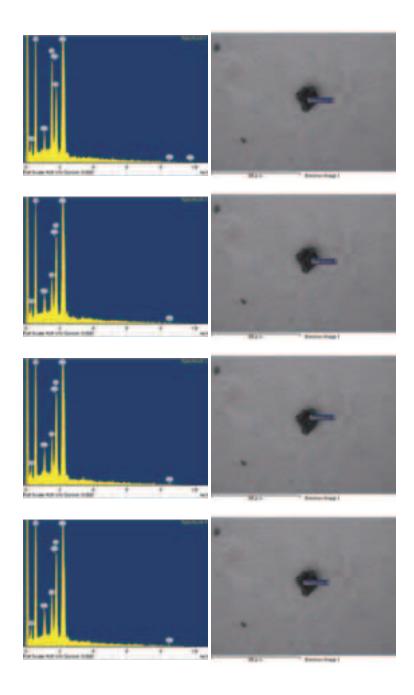


# RB-CV-0196-02

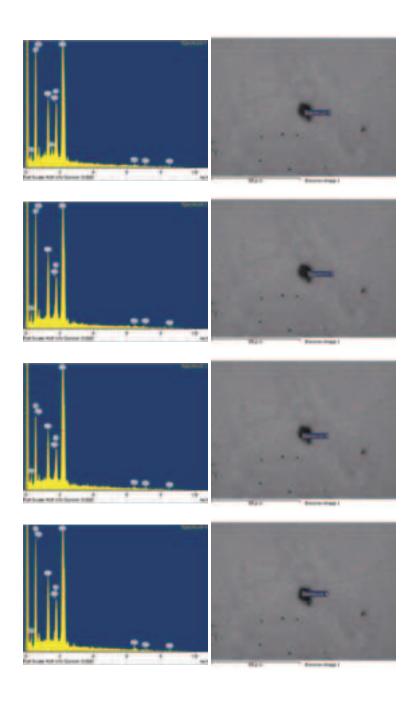
Status	Date	Size	Transfer	Category	Phase
Curation SG20d5		13.4µm	RB-CVA0971-2, SG20d5	1	Ірх



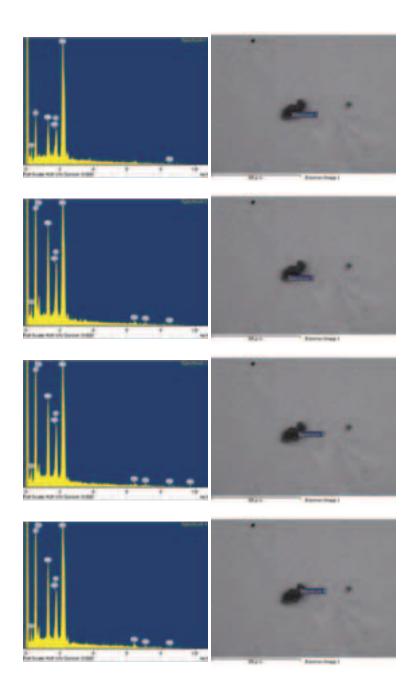
Status	Date	Size	Transfer	Category	Phase
Curation SG20e0		18.8µm	RB-CVA1502, SG20e0	1	pl



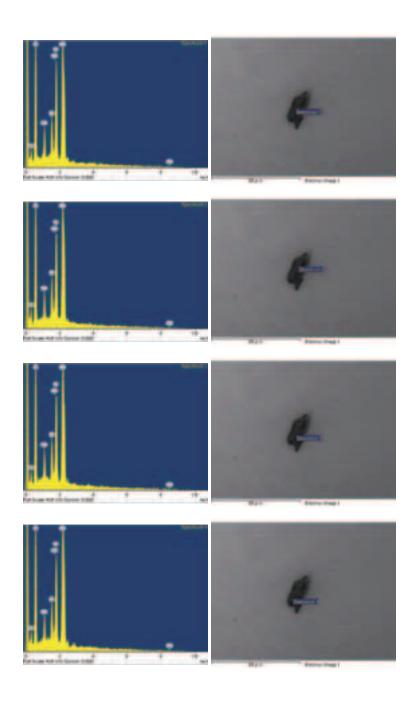
Status	Date	Size	Transfer	Category	Phase
Curation SG20e1		38.67µm	RB-CVA0975, SG20e1	1	ol



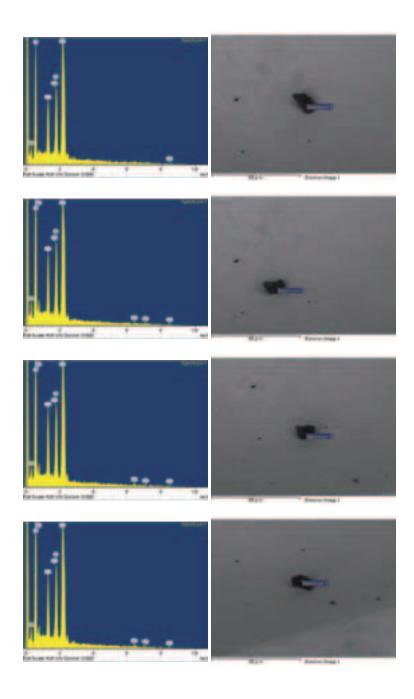
Status	Date	Size	Transfer	Category	Phase
Curation SG20e2		19.13µm	RB-CVA0975, SG20e2	1	ol



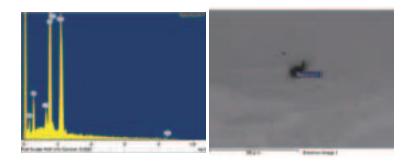
Status	Date	Size	Transfer	Category	Phase
Curation SG20e3		27.74µm	RB-CVA0990, SG20e3	1	pl



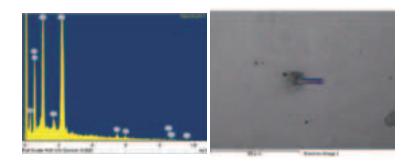
Status	Date	Size	Transfer	Category	Phase
Curation SG20e4		15.8µm	RB-CVA0995, SG20e4	1	lpx



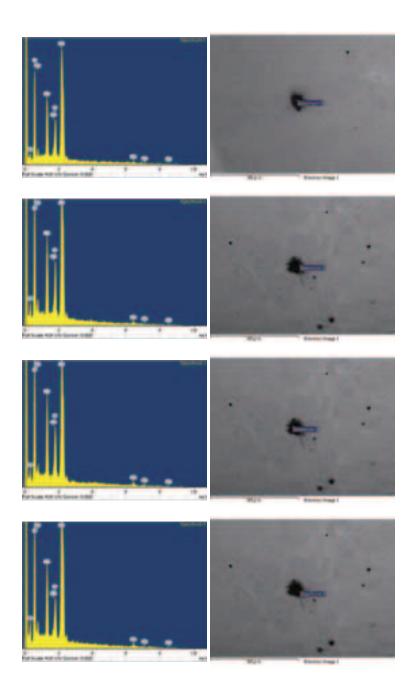
Status	Date	Size	Transfer	Category	Phase
Curation SG07e6		15µm	RB-CVA1501, SG07e6	4	Al



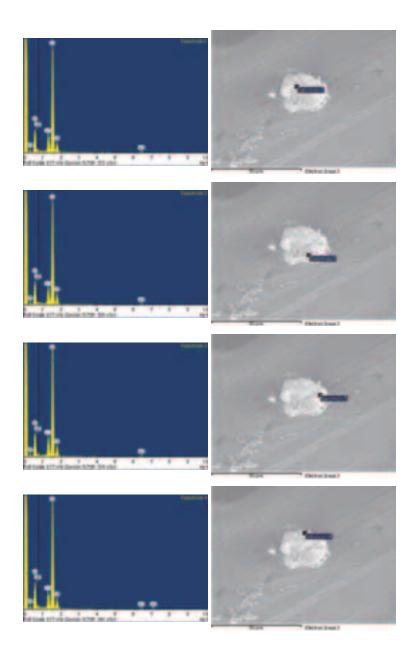
Status	Date	Size	Transfer	Category	Phase
Curation SG07e8		10µm	RB-CVA1503, SG07e8	4	Cr,Zn



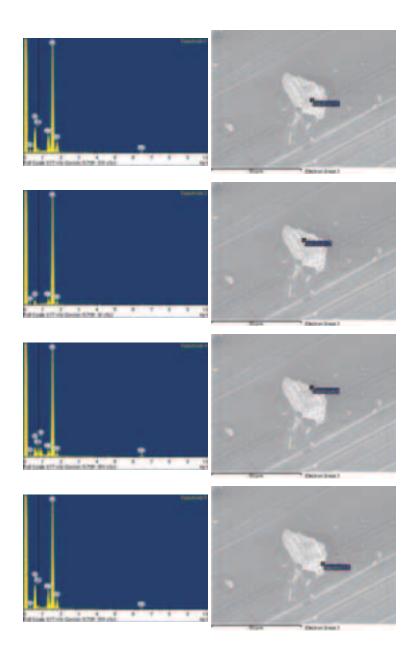
Status	Date	Size	Transfer	Category	Phase
Curation SG20c5		11.5µm	RB-CVA0894, SG20c5	1	ol



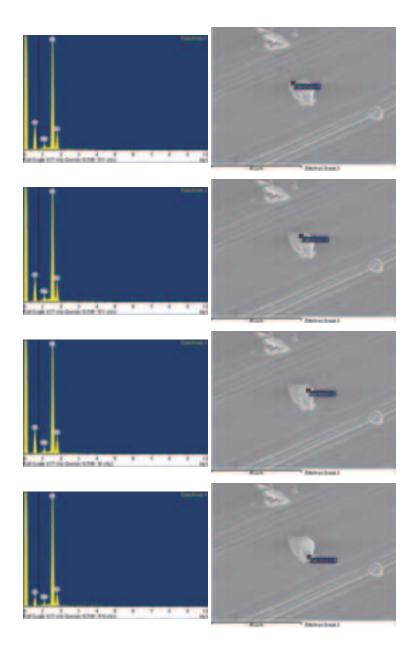
Status	Date	Size	Transfer	Category	Phase
Curation SG20e5		28.40µm	RB-CVG0137, SG20e5	1	ol



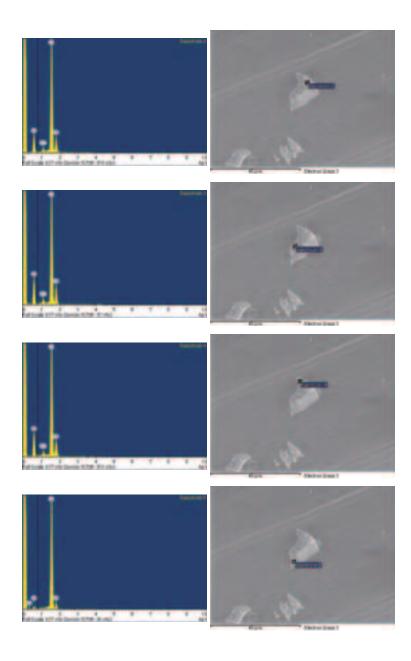
Status	Date	Size	Transfer	Category	Phase
Curation SG20f0		33.16µm	RB-CVG0138, SG20f0	1	ol



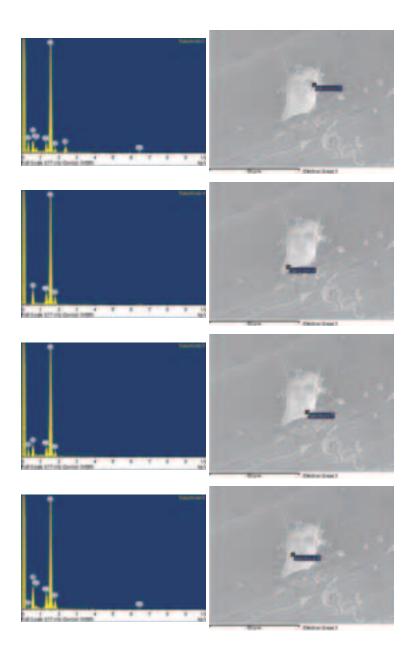
Status	Date	Size	Transfer	Category	Phase
Curation SG20f1		12.2µm	RB-CVG0141, SG20f1	1	pl



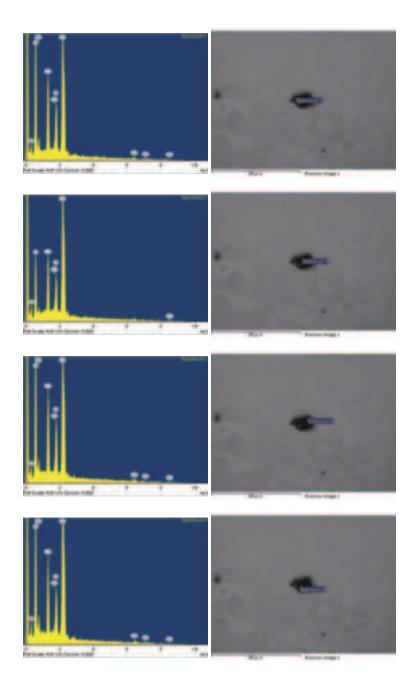
Status	Date	Size	Transfer	Category	Phase
Curation SG20f2		17.3µm	RB-CVG0140, SG20f2	1	pl



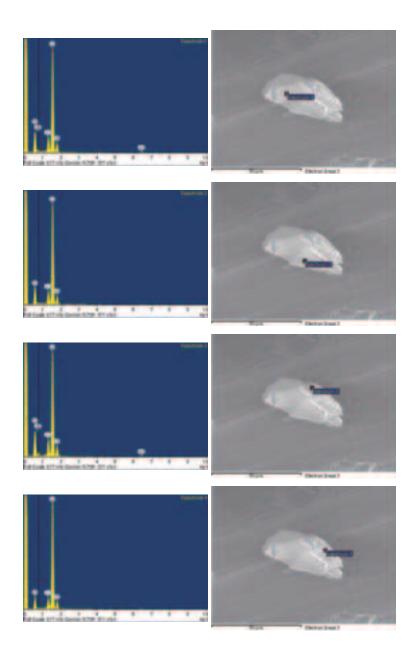
Status	Date	Size	Transfer	Category	Phase
Curation SG20f4 under		35.9µm	RB-CVG0153, SG20f4 under	2	ol,FeS



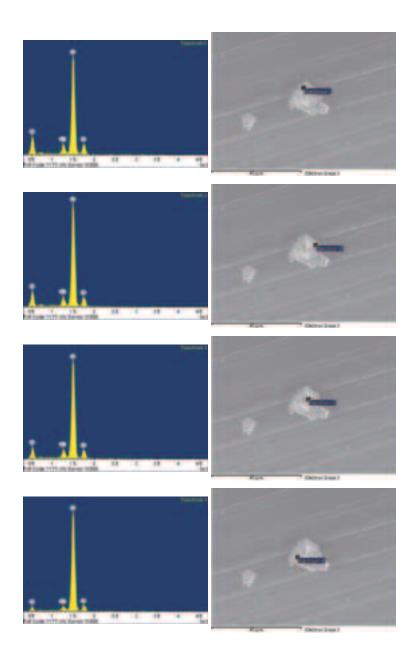
Status	Date	Size	Transfer	Category	Phase
Curation SG20f3		16.8µm	RB-CVB1118, SG20f3	1	ol



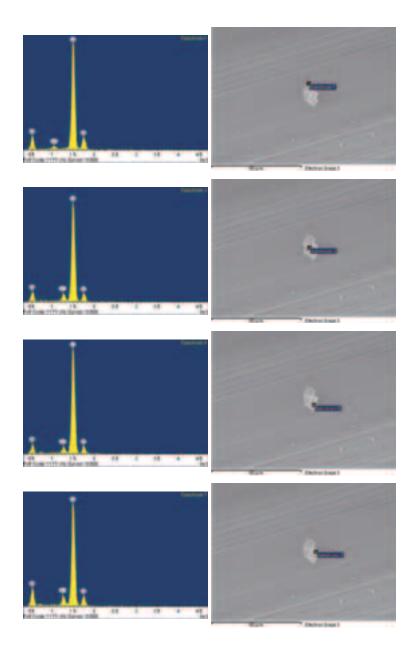
Status	Date	Size	Transfer	Category	Phase
Curation SG12f5		46.2µm	RB-CVG0144, SG12f5	1	ol



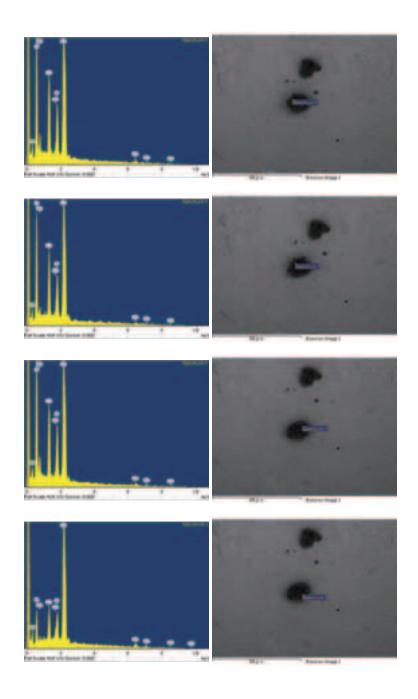
Status	Date	Size	Transfer	Category	Phase
Curation SG20f5		18.8µm	RB-CVG0200, SG20f5	1	lpx



Status	Date	Size	Transfer	Category	Phase
Curation SG21a0		16.8µm	RB-CVG0201, SG21a0	1	lpx,pl

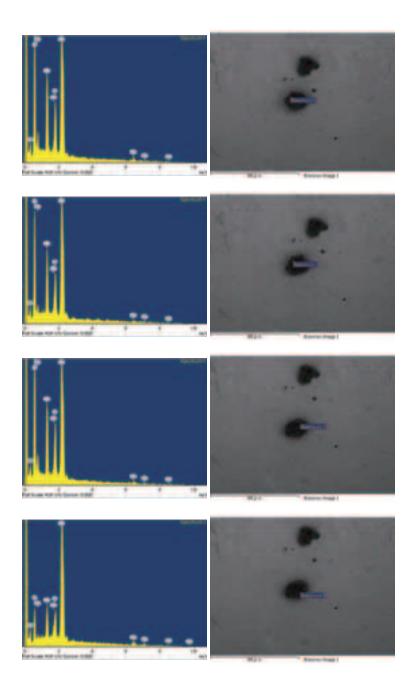


Status	Date	Size	Transfer	Category	Phase
BROKEN		-	RB-CVG0202	1	ol



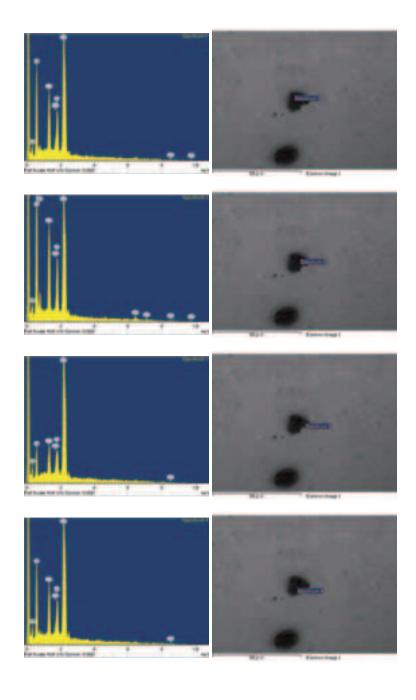
# RB-CV-0214-01

Status	Date	Size	Transfer	Category	Phase
Curation SG21a1		17.5µm	RB-CVG0202, SG21a1	1	ol

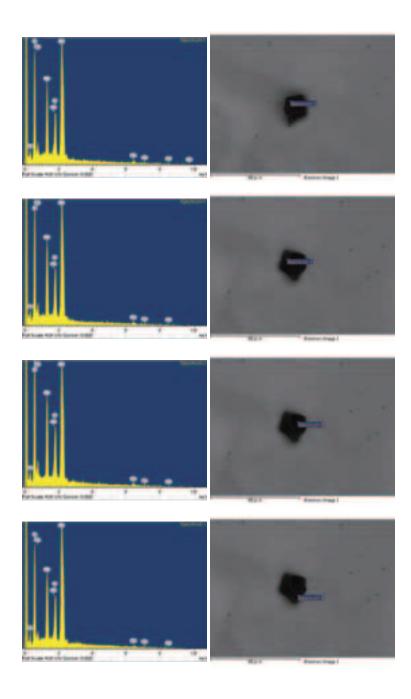


## RB-CV-0214-02

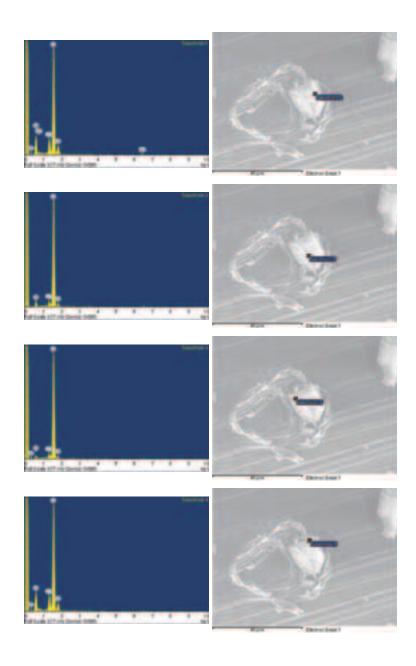
Status	Date	Size	Transfer	Category	Phase
Curation SG21a2		15.4µm	RB-CVG0202, SG21a2	1	ol



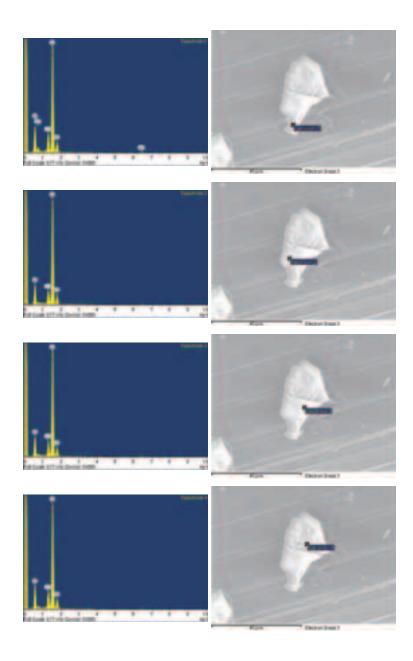
Status	Date	Size	Transfer	Category	Phase
Curation SG21a3		22.1µm	RB-CVB1124, SG21a3	1	ol



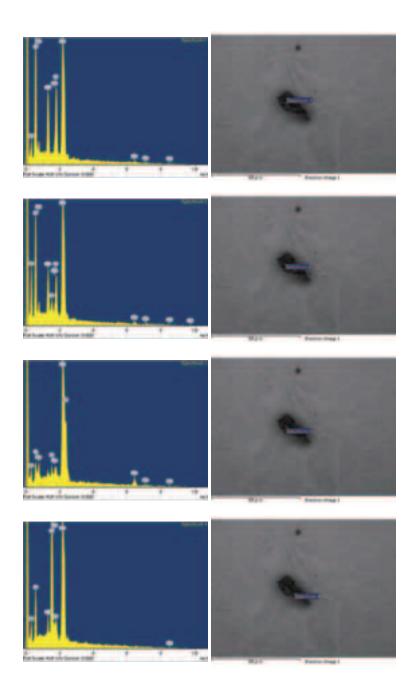
Status	Date	Size	Transfer	Category	Phase
Curation SG21a4		17.9µm	RB-CVG0149, SG21a4	1	ol



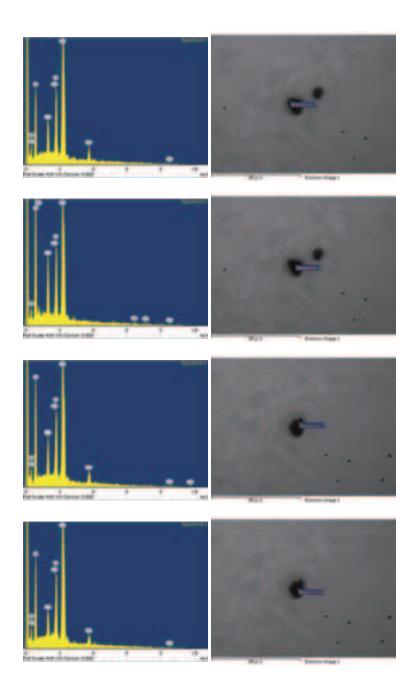
Status	Date	Size	Transfer	Category	Phase
Curation SG21a5		37.3µm	RB-CVG0150, SG21a5	1	ol



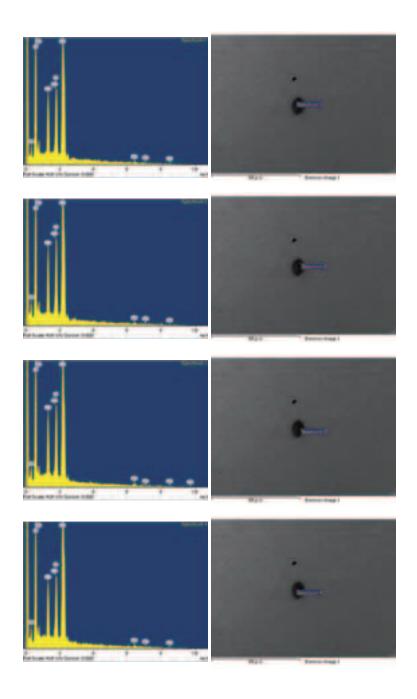
Status	Date	Size	Transfer	Category	Phase
Curation SG21b0		27.9µm	RB-CVB1125, SG21b0	2	ol,lpx,FeS,Al



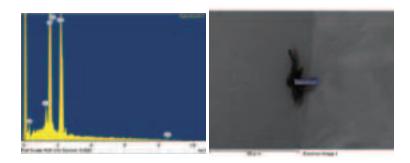
Status	Date	Size	Transfer	Category	Phase
Curation SG21b1		13.0µm	RB-CVB1138, SG21b1	1	hpx,lpx



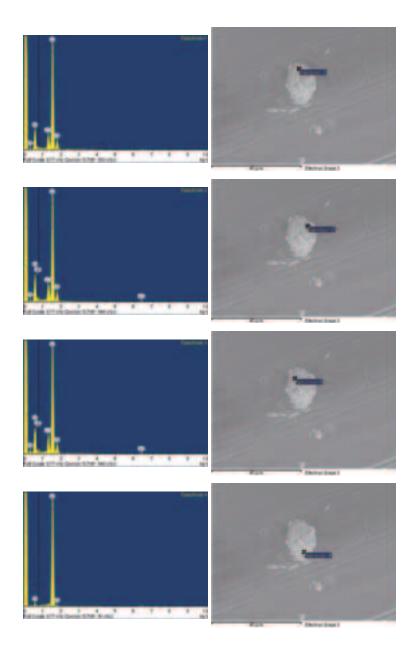
Status	Date	Size	Transfer	Category	Phase
Curation SG21b2		12.3µm	RB-CVB1129, SG21b2	1	lpx



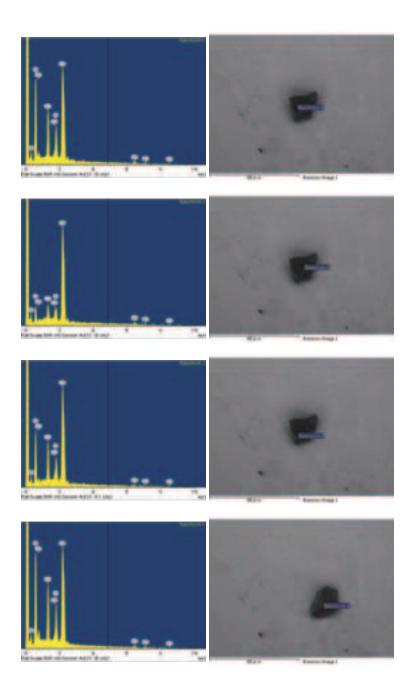
Status	Date	Size	Transfer	Category	Phase
Curation SG07f9		40µm	RB-CVBExtra01, SG07f9	4	Al,Mg



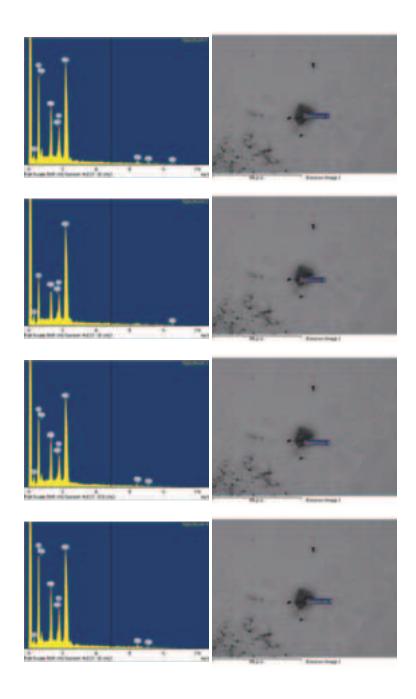
Status	Date	Size	Transfer	Category	Phase
Curation SG21b3		13.0µm	RB-CVG0143, SG21b3	1	ol



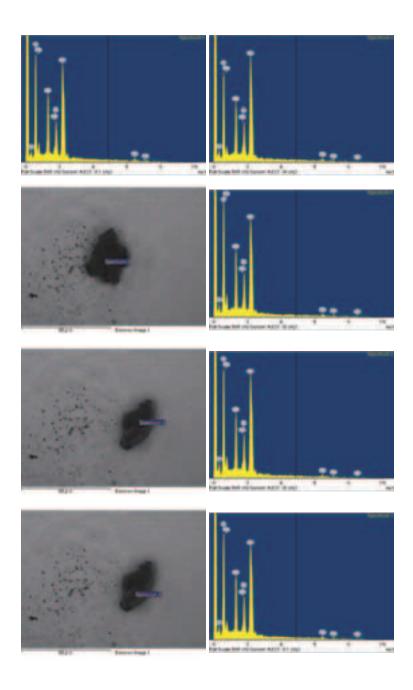
Status	Date	Size	Transfer	Category	Phase
Curation SG21b4		24.7µm	RB-CVG0173, SG21b4	1	ol



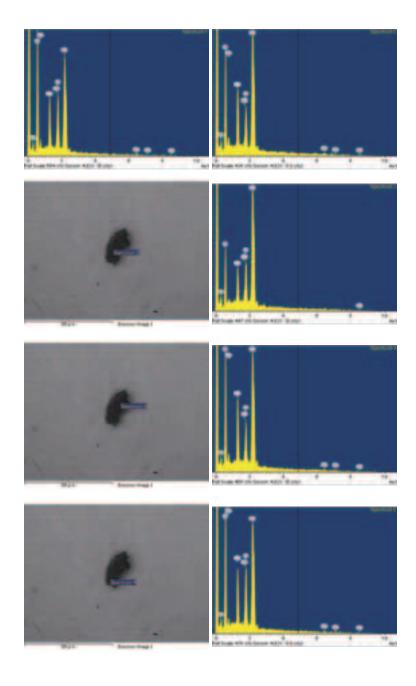
Status	Date	Size	Transfer	Category	Phase
Curation SG21b5		15.9µm	RB-CVB1051, SG21b5	1	ol



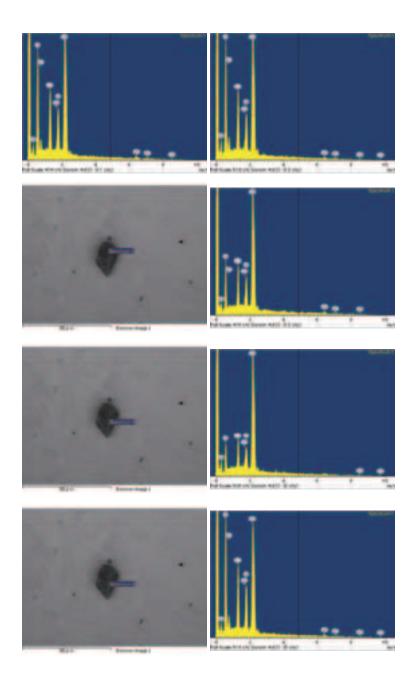
Status	Date	Size	Transfer	Category	Phase
Curation SG21c0		38.2µm	RB-CVB1156, SG21c0	1	ol



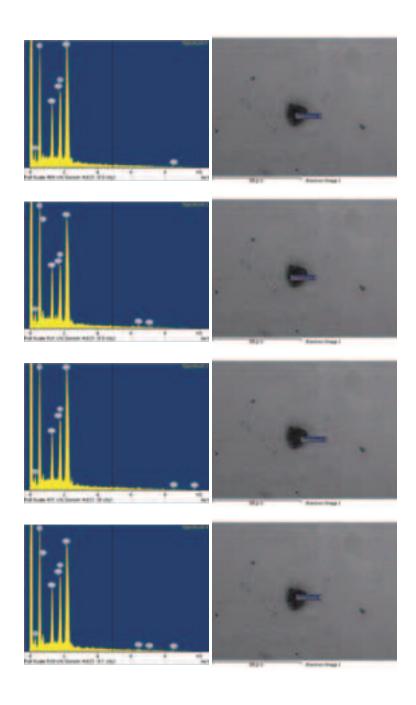
Status	Date	Size	Transfer	Category	Phase
Curation SG21c1		25.8µm	RB-CVG0154, SG21c1	1	lpx,ol



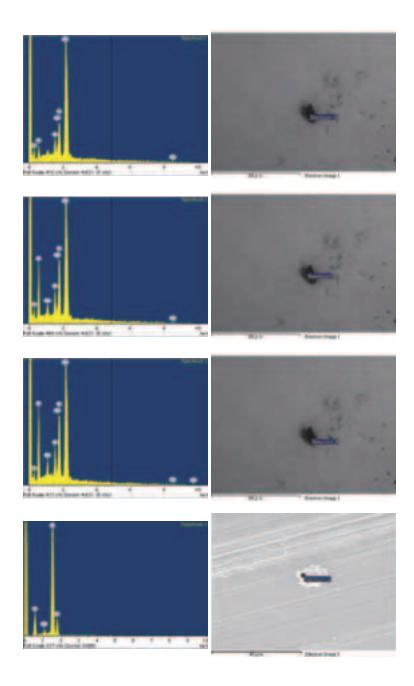
Status	Date	Size	Transfer	Category	Phase
Curation SG21c2		22.8µm	RB-CVB1191, SG21c2	1	ol



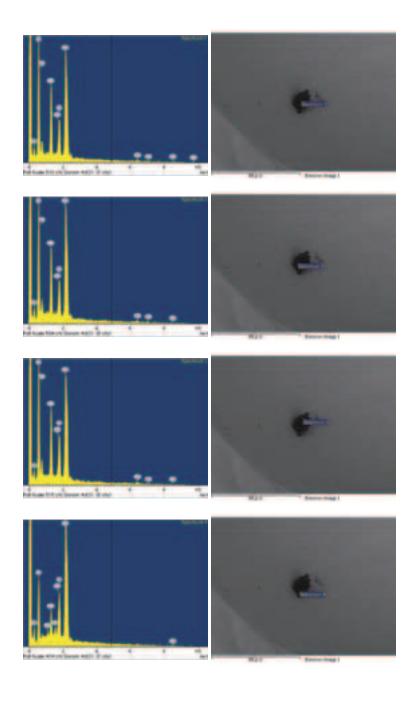
Status	Date	Size	Transfer	Category	Phase
Curation SG21c3		14.3µm	RB-CVA1505, SG21c3	1	lpx



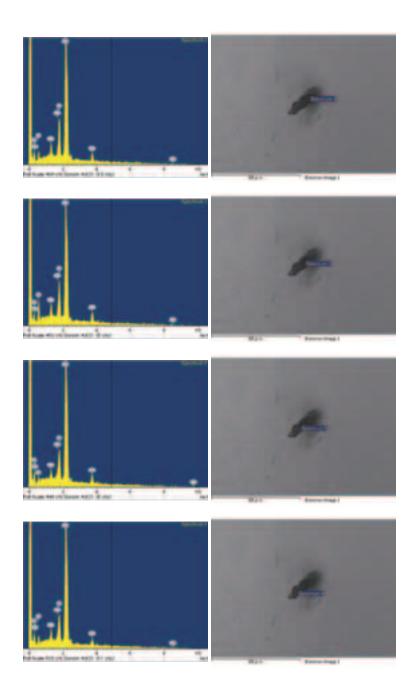
Status	Date	Size	Transfer	Category	Phase
Curation SG21c4		12.4µm	RB-CVG0160, SG21c4	1	pl



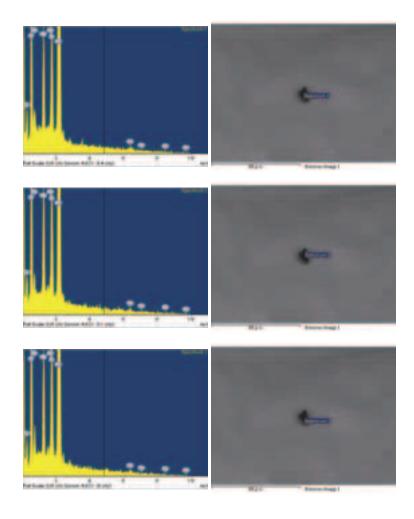
Status	Date	Size	Transfer	Category	Phase
Curation SG21c5		17.4µm	RB-CVG0158, SG21c5	1	ol,pl



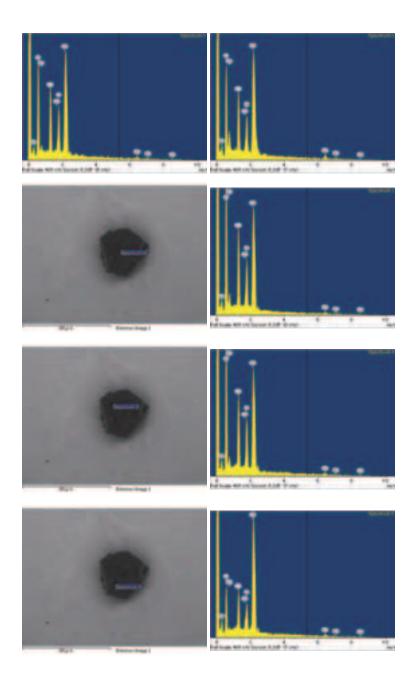
Status	Date	Size	Transfer	Category	Phase
Curation SG21d0		25.3µm	RB-CVB1284, SG21d0	1	hpx



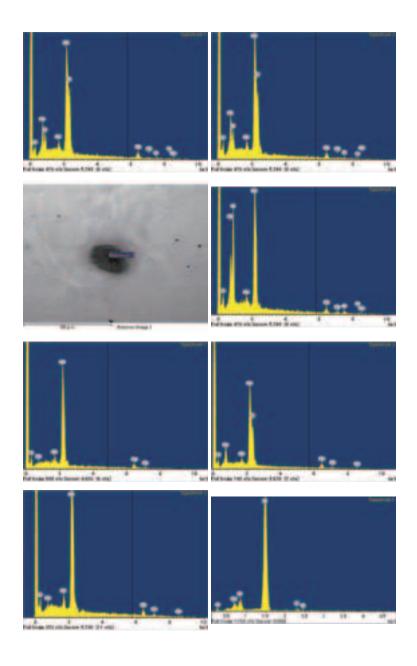
Status	Date	Size	Transfer	Category	Phase
SG21d1		10.7µm	RB-CVB1368, SG21d1	1	lpx



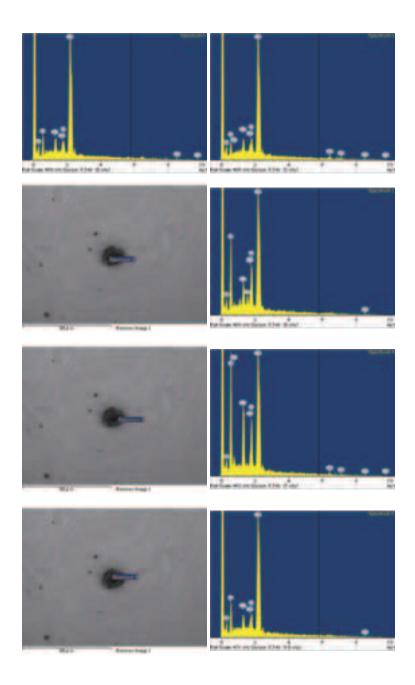
Status	Date	Size	Transfer	Category	Phase
Curation SG21d2		33.5µm	RB-CVG0156, SG21d2	2	ol,FeS



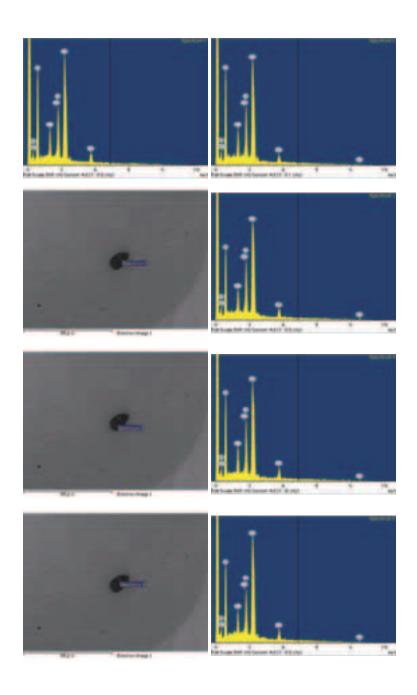
Status	Date	Size	Transfer	Category	Phase
Curation SG21d3		25.9µm	RB-CVG0191, SG21d3	2	FeS,Fe,FeNiS,CuS



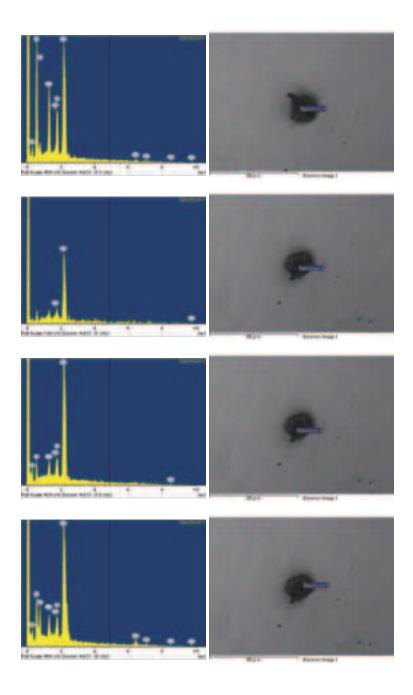
Status	Date	Size	Transfer	Category	Phase
Curation SG21d3		15.7µm	RB-CVG0155, SG21d3	1	ol,pl



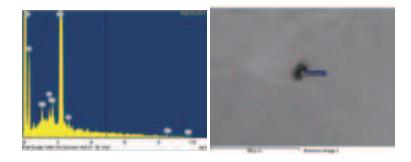
Status	Date	Size	Transfer	Category	Phase
Curation SG21d5		14.7µm	RB-CVA1504, SG21d5	1	hpx



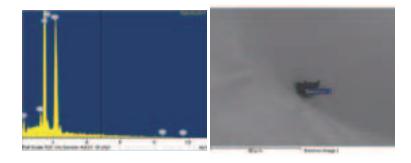
Status	Date	Size	Transfer	Category	Phase
Curation SG21e0		20.8µm	RB-CVB1150, SG21e0	1	ol,lpx



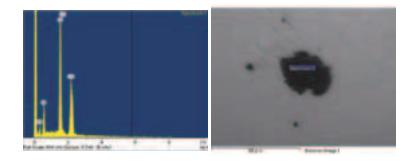
Status	Date	Size	Transfer	Category	Phase
Curation SG05g4		15µm	RB-CVA1507, SG05g4	3	C, NaCl, Al



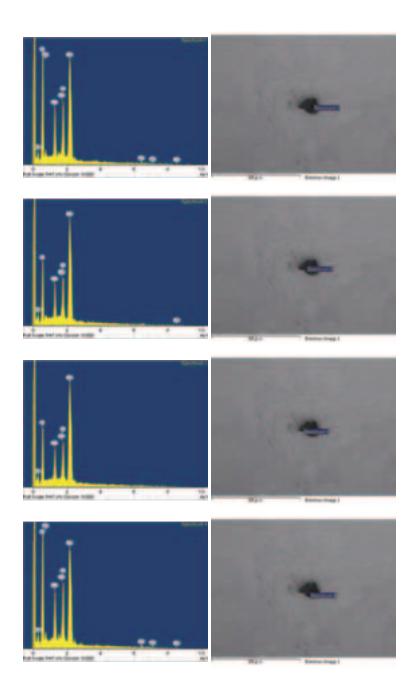
Status	Date	Size	Transfer	Category	Phase
Curation SG07g0		20µm	RB-CVA1506, SG07g0	4	Al,Mg



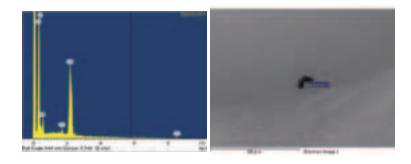
Status	Date	Size	Transfer	Category	Phase
Curation SG07g1		40µm	RB-CVA1508, SG07g1	4	Al



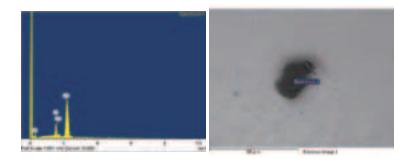
Status	Date	Size	Transfer	Category	Phase
Curation SG21e2		17.4µm	RB-CVB1083, SG21e2	1	lpx,ol



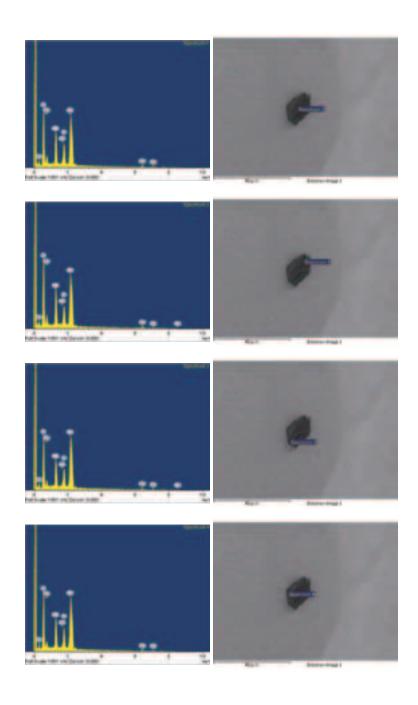
Status	Date	Size	Transfer	Category	Phase
Curation SG05g5		10µm	RB-CVA1509, SG05g5	3	(C,N,O)



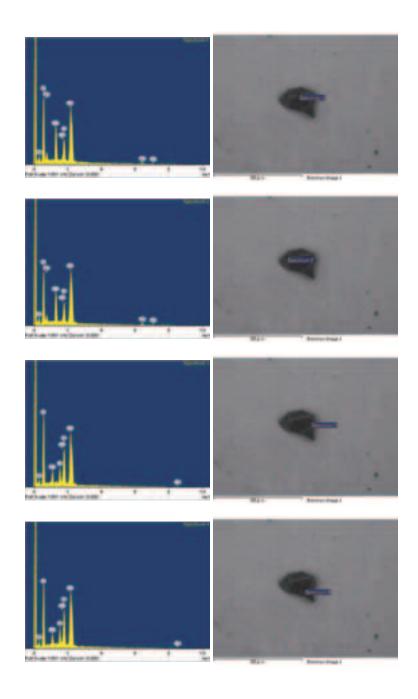
Status	Date	Size	Transfer	Category	Phase
Curation SG07g2		30µm	RB-CVB1510, SG07g2	4	Al



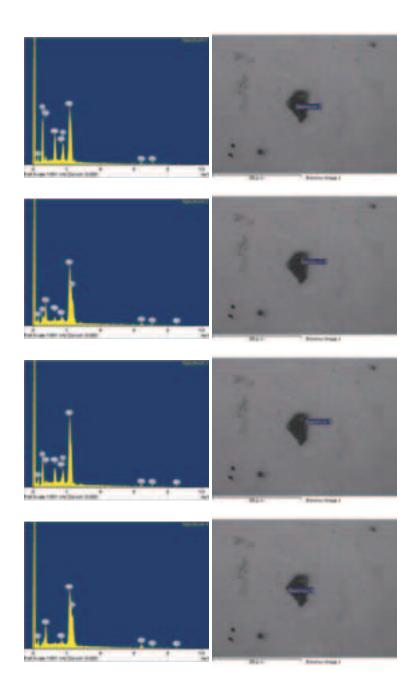
Status	Date	Size	Transfer	Category	Phase
Curation SG21e5		17.8µm	RB-CVB1283, SG21e5	1	ol



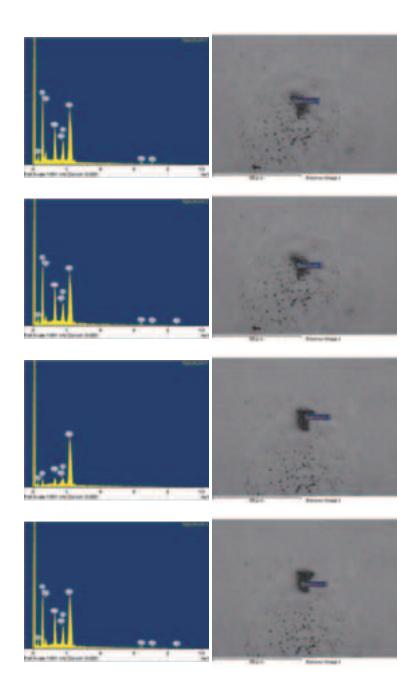
Status	Date	Size	Transfer	Category	Phase
Curation SG21f0		27.4µm	RB-CVD1706, SG21f0	1	pl,ol



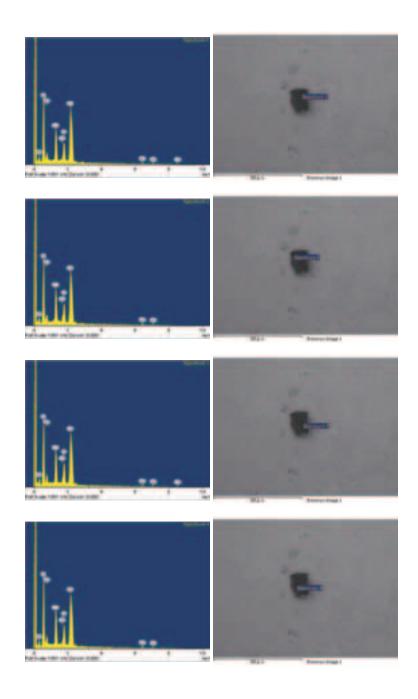
Status	Date	Size	Transfer	Category	Phase
Curation SG21f1		23.76µm	RB-CVG0269, SG21f1	2	ol,FeS



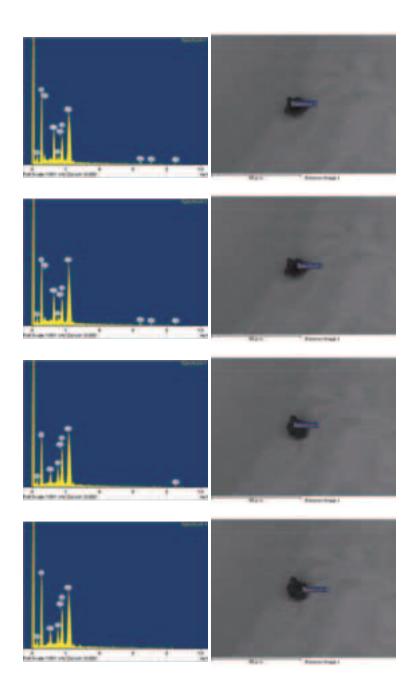
Status	Date	Size	Transfer	Category	Phase
Curation SG21f2		17.1µm	RB-CVD1622, SG21f2	1	ol



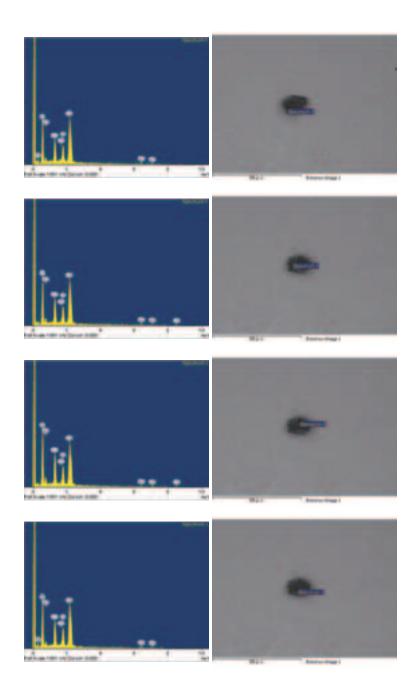
Status	Date	Size	Transfer	Category	Phase
Curation SG21f3		17.8µm	RB-CVD1558, SG21f3	1	ol



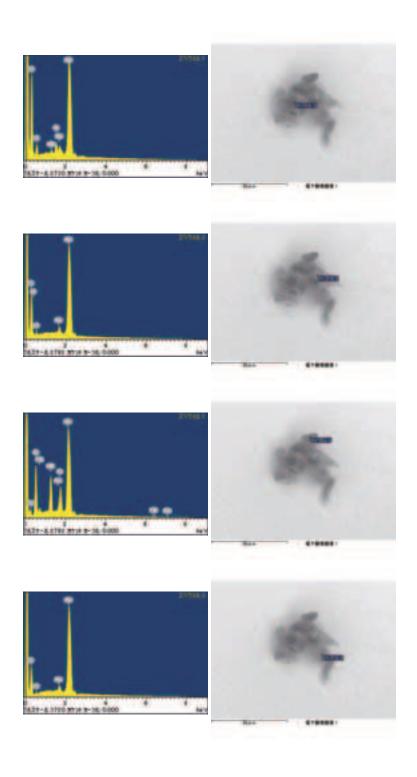
Status	Date	Size	Transfer	Category	Phase
Curation SG21f4		16.9µm	RB-CVD1635, SG21f4	1	pl,ol



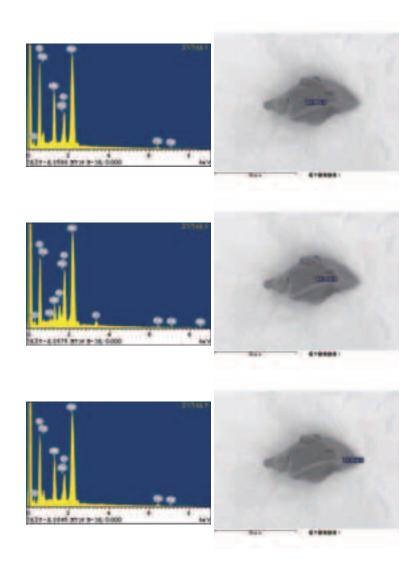
Status	Date	Size	Transfer	Category	Phase
Curation SG21f5		16.4µm	RB-CVG0396, SG21f5	1	ol



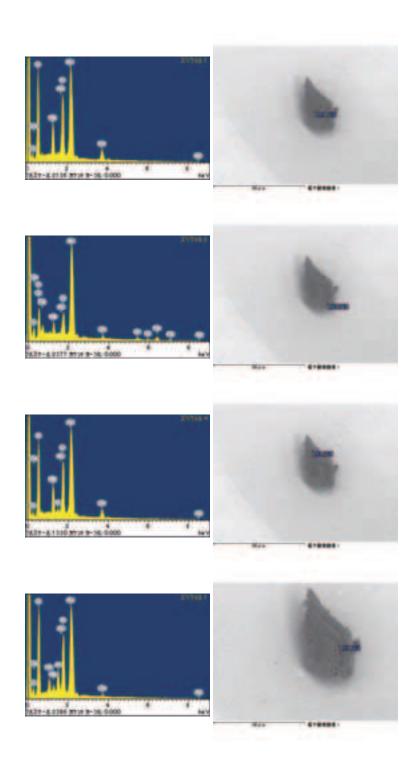
				Category	Phase
Curation glovebox2, almost consumed, pressed on Au plate	1 1	m	Curation N2-SP3 petriDish8, pressed on Au plate, Kochi core center,Curation glovebox2	)	(C,N,O),C,ol,Al



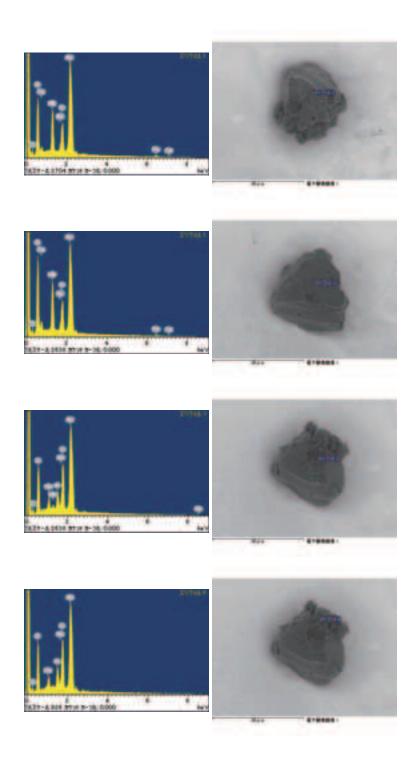
Status	Date	Size	Transfer	Category	Phase
NASA	111208	38µm	SG06a0,SG06b0,ICF70-016-SGf0006-C,NASA	1	ol,pl,K-fld



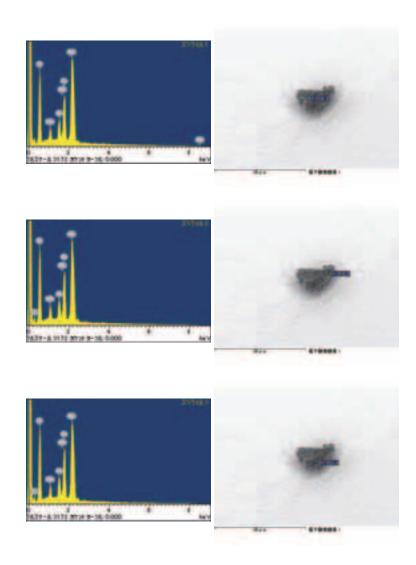
Status	Date	Size	Transfer	Category	Phase
NASA	111208	34µm	SG06a2,SG06b2,ICF70-017-SGf0007-C,NASA	1	hpx,pl



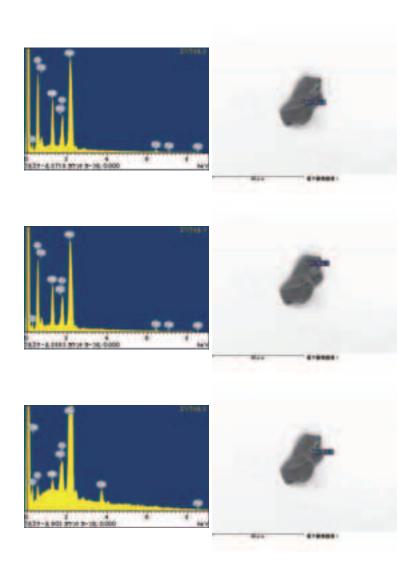
Date	Size	Transfer	Category	Phase
			1	ol,pl
		29µ	29μ Curation SG06a3,N2-SP3,	29μ Curation SG06a3,N2-SP3,



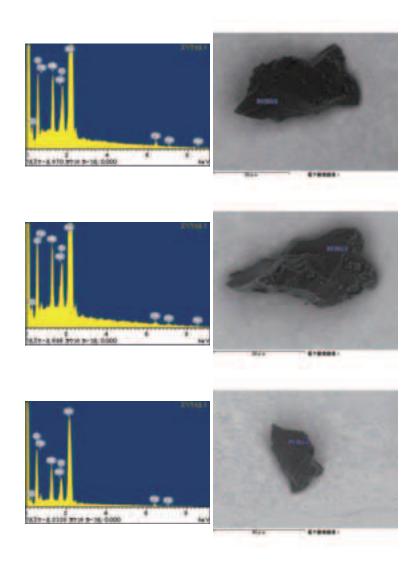
Status	Date	Size	Transfer	Category	Phase
Curation SG06a5	120515	14µm	SG06a5	1	pl

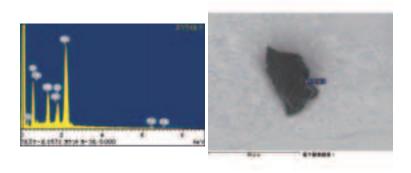


Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PB embedded in epoxy resin			SG06a4,ISASContainerSG,RodHolderNoneS1,lbaraki Univ,N2-SP3,glovebox2	1	ol,hpx

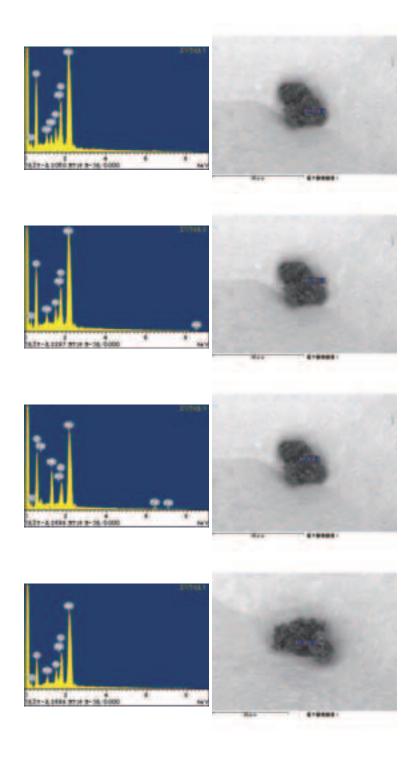


Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PB embedded in epoxy resin			SG06a6,ISASContainerSG,RodHolderNoneS2,Ibaraki Univ, Curation N2-SP3, glovebox2	1	[ol]

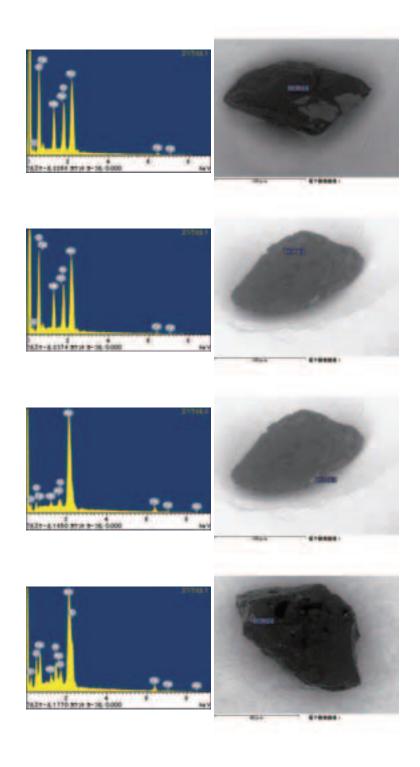




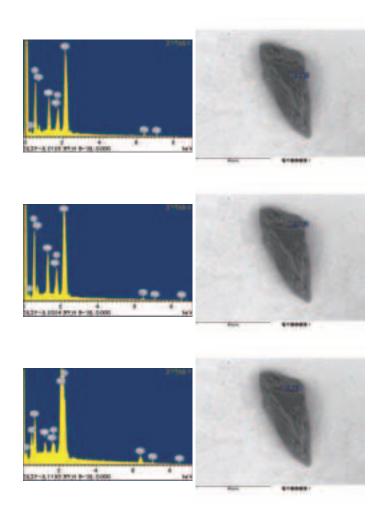
Status	Date	Size	Transfer	Category	Phase
Curation SG06a7	120515	20µm	SG06a7	1	pl,hpx,ol



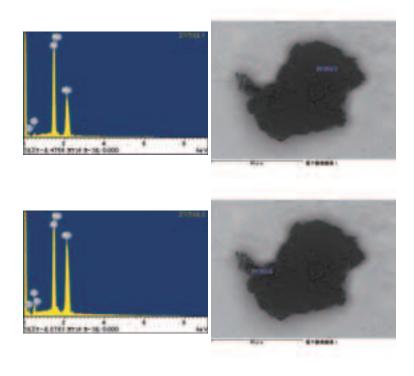
Status	Date	Size	Transfer	Category	Phase
Curation SG12e2		172µm	SG06a8,SG12a3,SG12b3,SG12e2	1	ol,lpx,pl,tr



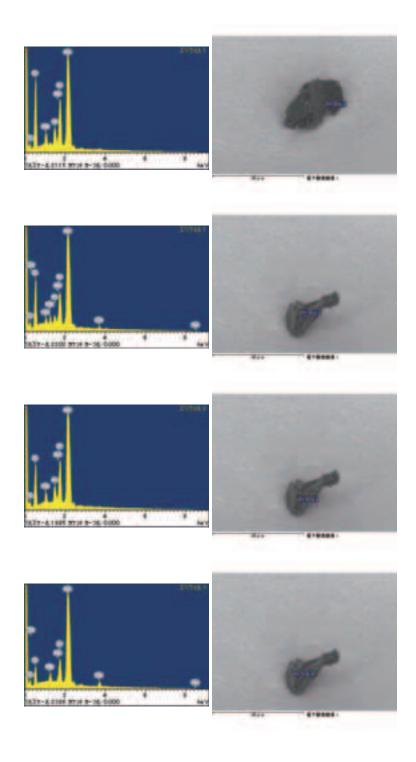
Status	Date	Size	Transfer	Category	Phase
Curation glovebox, PB embedded in epoxy resin			SG06a9,SG06a8,ISASContainerSG,RodHolderFs1and4,lbaraki Univ,N2-SP3, glovebox2		ol,tr



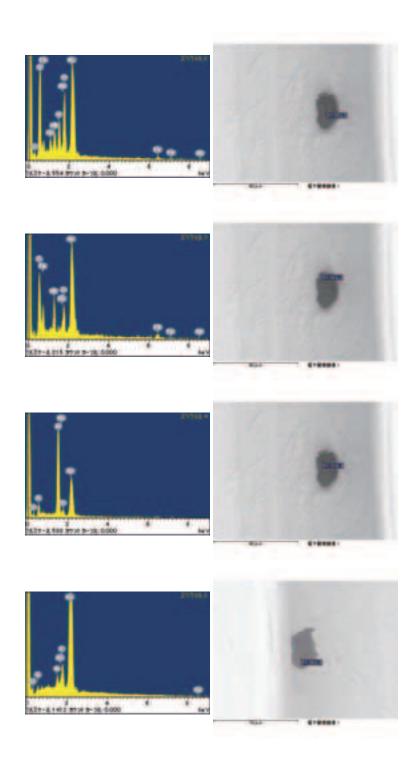
Status	Date	Size	Transfer	Category	Phase
Curation SG07a0	120106	56µm	SG07a0	4	AI,CF



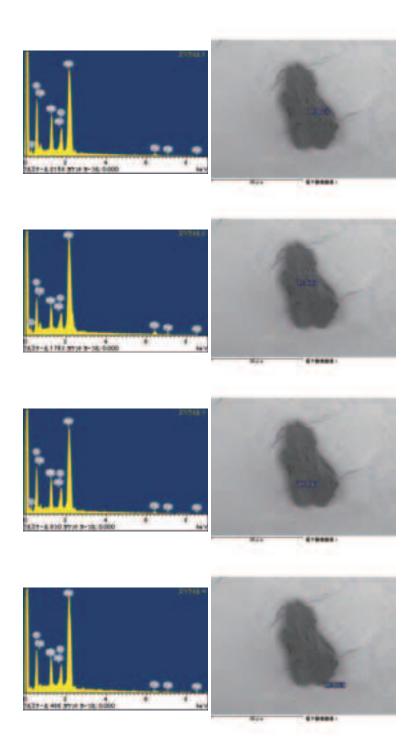
Status	Date	Size	Transfer	Category	Phase
Curation SG06b0	120515	24µm	SG06b0	1	pl,hpx



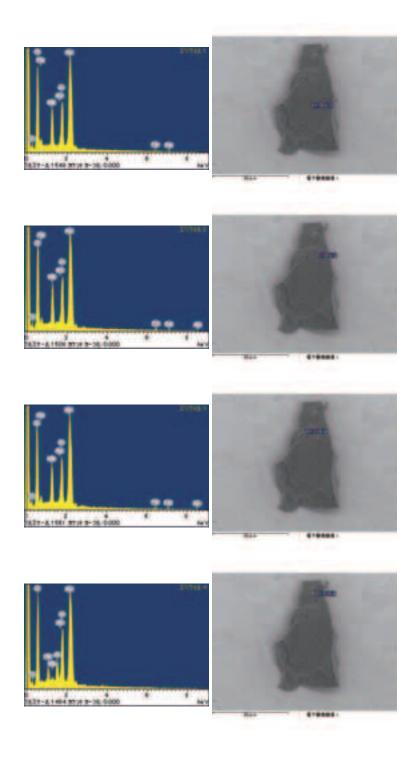
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PS embedded in EM812 with carbon coat			SG06c0,SG16b1,Tohoku Univ, Curation N2-SP3, glovebox2	1	pl,Al



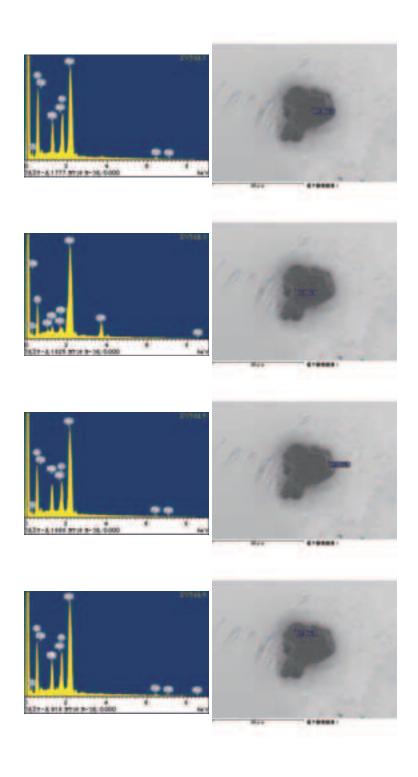
Status	Date	Size	Transfer	Category	Phase
CONSUMED		50µm	-	1	ol



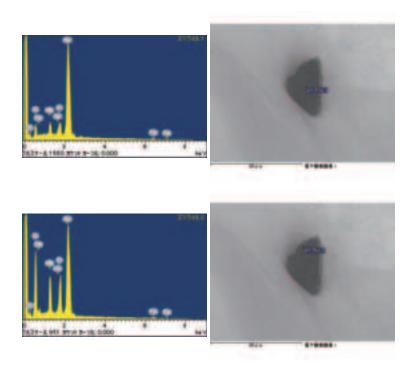
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, FIB hole, PB embedded in epoxy resin			SG06c3,ISASContainerSG,RodHolderJ1,lbaraki Univ,N2-SP3, glovebox2	1	lpx,pl



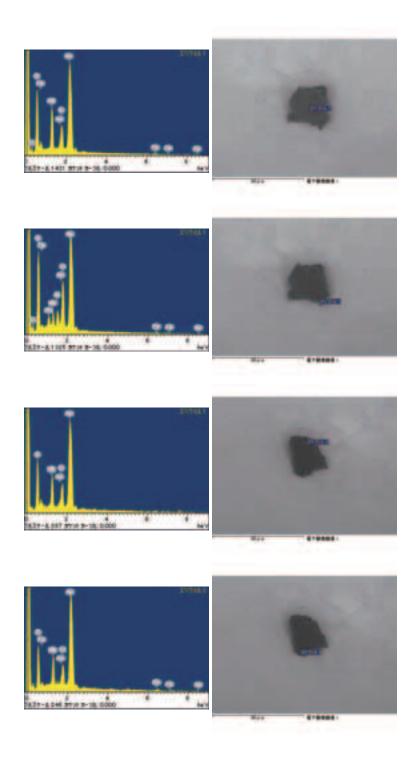
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PS with			Curation N2-SP3,	1	lpx,ol,hpx,Na
Au coat		m	glovebox2		ipząci, ipzą ta



Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, PS embedded in EPON812 with carbon coat		40µ m	ICF70-021_SGf0012- 4,Kyoto Univ,N2-SP3, glovebox2	1	lpx

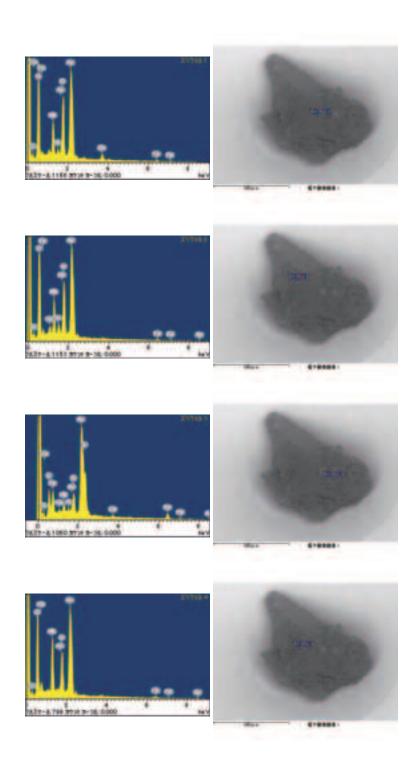


Status	Date	Size	Transfer	Category	Phase
CONSUMED		26µm	SG06b5,ICF70-021-SGf0012-5,Kyoto Univ	1	ol,pl



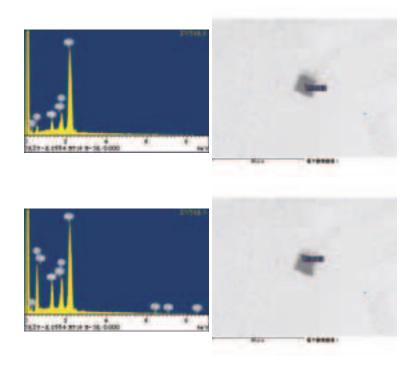
## RB-QD04-0030-01

Status	Date	Size	Transfer	Category	Phase
NASA	120412	177µm	SG12a0,ICF70-003-SGf0054-1,NASA	1	hpx,lpx,ol,pl,tr

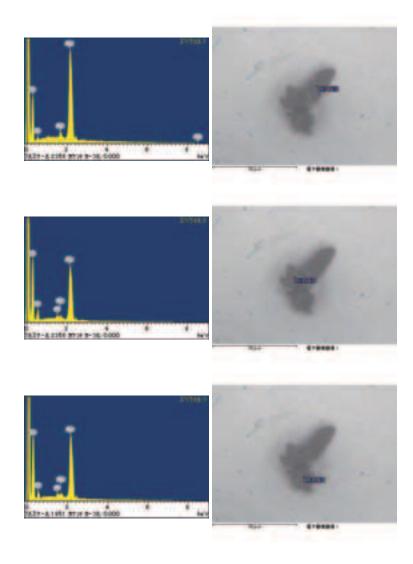


## RB-QD04-0030-02

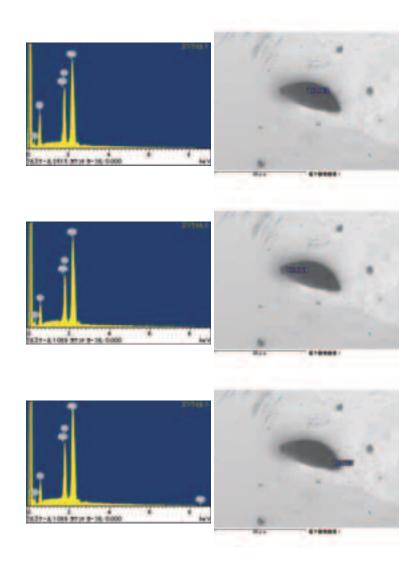
Status	Date	Size	Transfer	Category	Phase
Curation SG06b9	120712	18µm	SG06b9	1	lpx



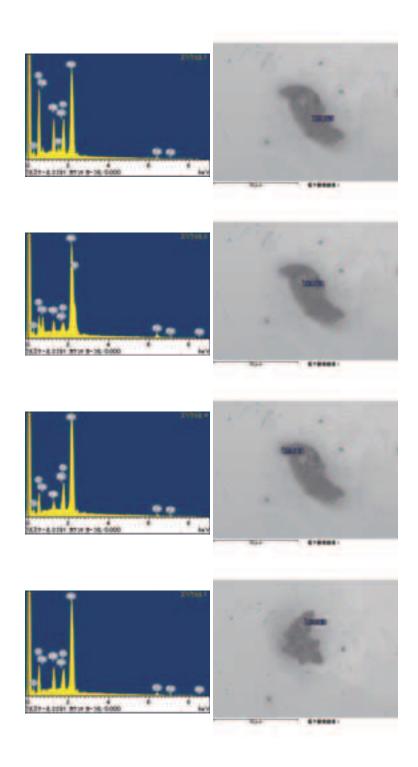
Status	Date	Size	Transfer	Category	Phase
Curation SG05a8	120106	64µm	SG05a8	3	(C,O),AI



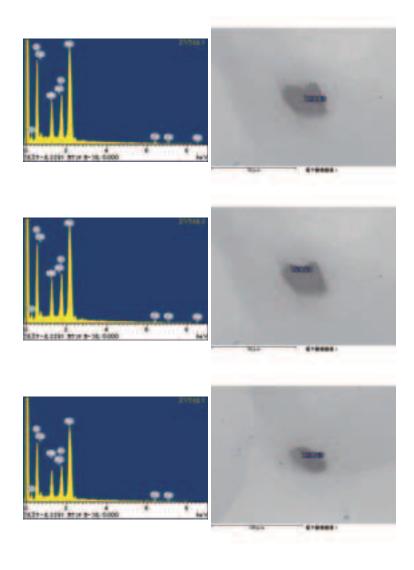
Status	Date	Size	Transfer	Category	Phase
Curation SG07a2	120106	38µm	SG07a2	4	SiO



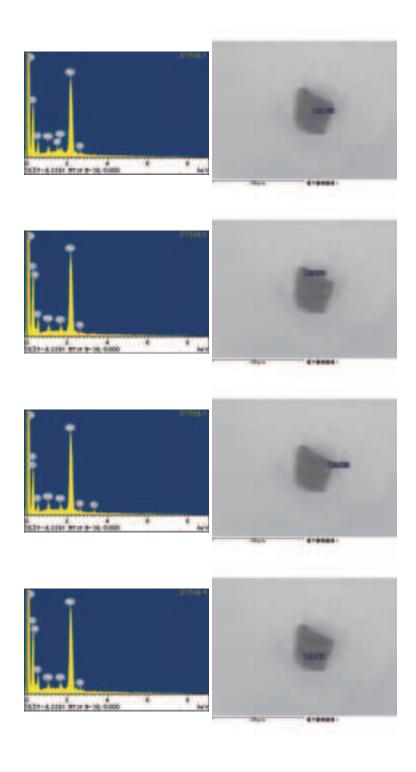
Status	Date	Size	Transfer	Category	Phase
BROKEN	120608	56µm	Curation N2-SP3 E006	2	ol,lpx,tr



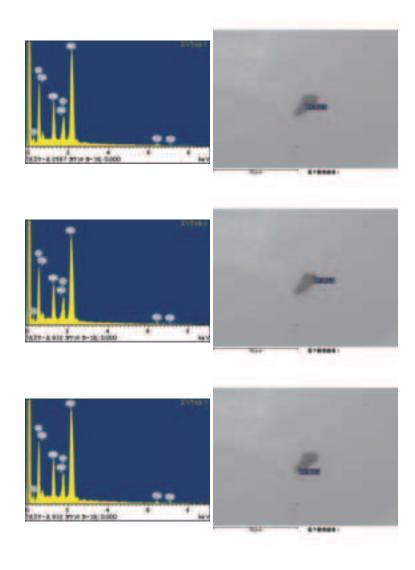
Status	Date	Size	Transfer	Category	Phase
Curation SG06c6	120515	43µm	SG06c6	1	lpx



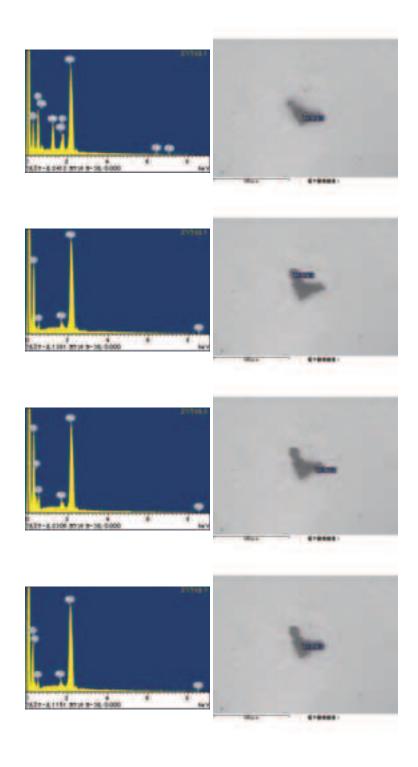
Status	Date	Size	Transfer	Category	Phase
Curation SG05a8upper	120106	59µm	SG05a9,SG05a8upper	3	(C,N,O),NaCl,KCl



Status	Date	Size	Transfer	Category	Phase
Curation SG06c7	120515	24µm	SG06c7	1	ol

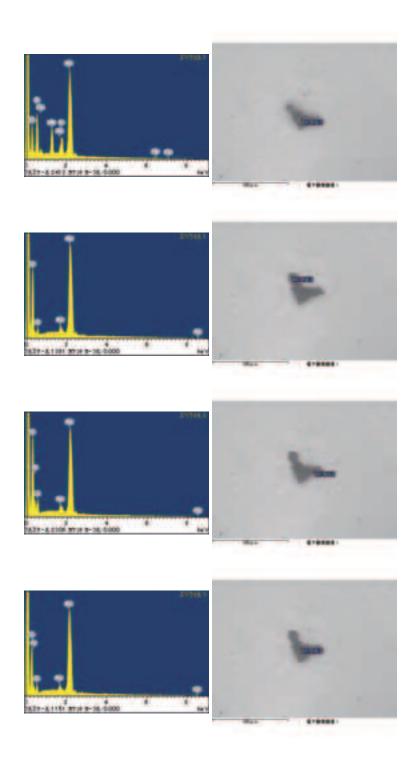


Status	Date	Size	Transfer	Category	Phase
BROKEN		80µm	-	3	CNO,CO,ol



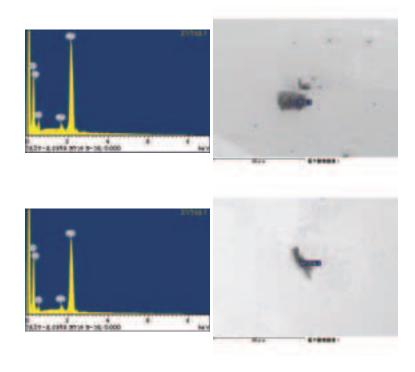
## RB-QD04-0037-01

Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, large FIB hole, pressed on ln plate			SG05b0,AuFIB1-upper, Kochi core center,Kyushu Univ, Curation glovebox2	3	(C,N,O),(C,O),ol

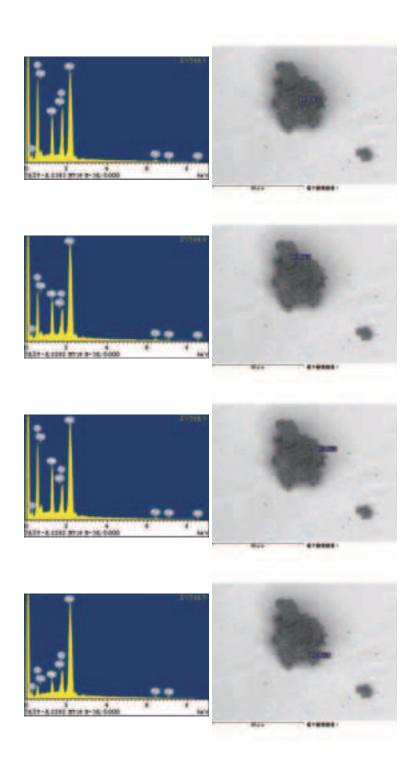


## RB-QD04-0037-03

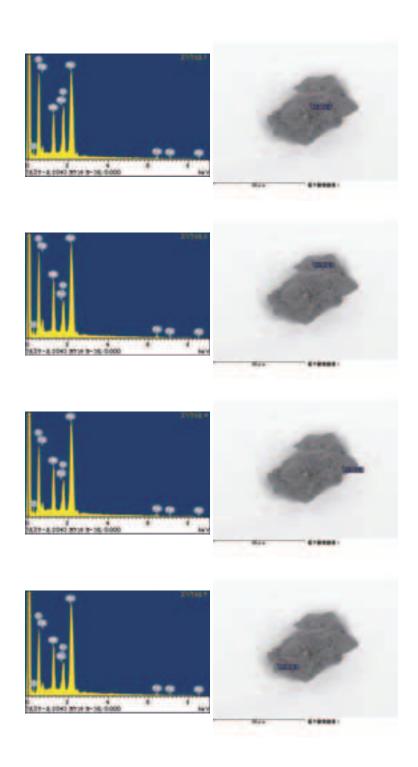
Status	Date	Size	Transfer	Category	Phase
Curation SG05b1	120106	15µm	SG05b1	3	(C,N,O)



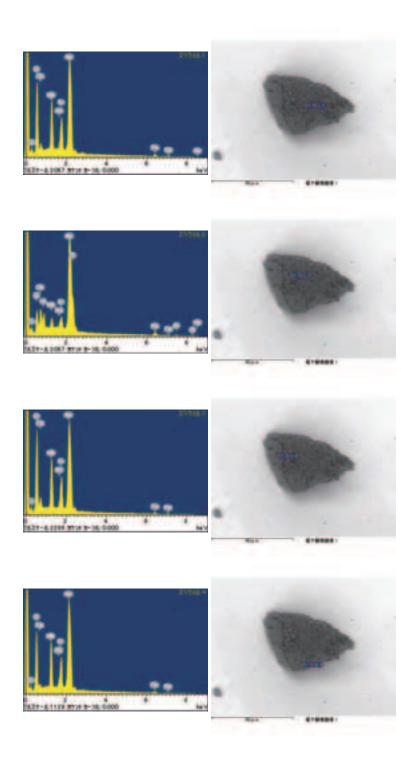
Status	Date	Size	Transfer	Category	Phase
NASA	111209	53µm	SG06c8,ICF70-018-SGf0008-C,NASA	1	lpx,ol



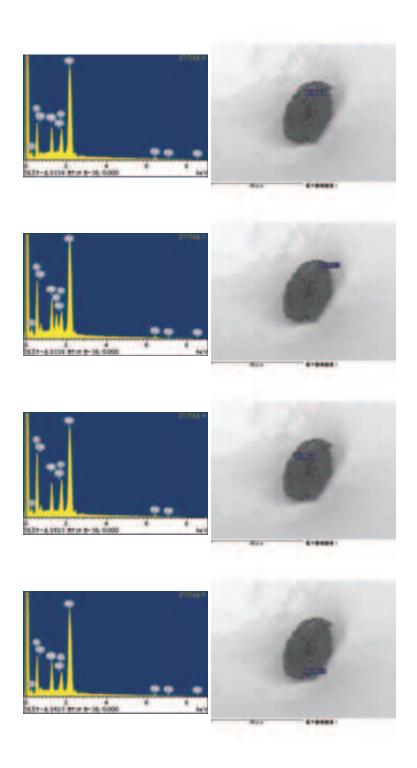
Status	Date	Size	Transfer	Category	Phase
Curation SG06e3	120515	53µm	SG06e3	2	ol,lpx,tr



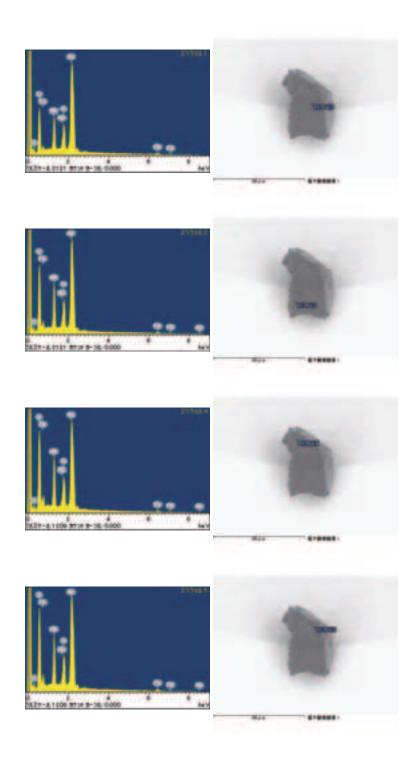
Status	Date	Size	Transfer	Category	Phase
Curation SG06d1	120515	74µm	SG06d1	2	ol,pl,(Fe,Ni,S)



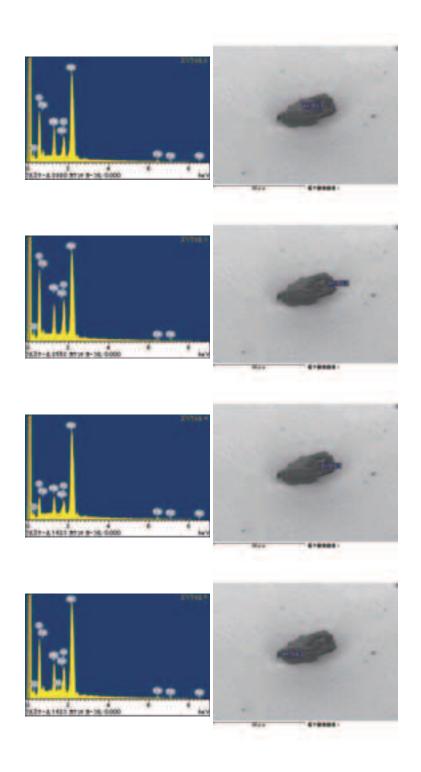
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, particle with C-		39µ	Curation N2-SP3 E007,	1	ol,lpx,Al
coat on Mo plate		m	glovebox2	1	UI,IPX,AI



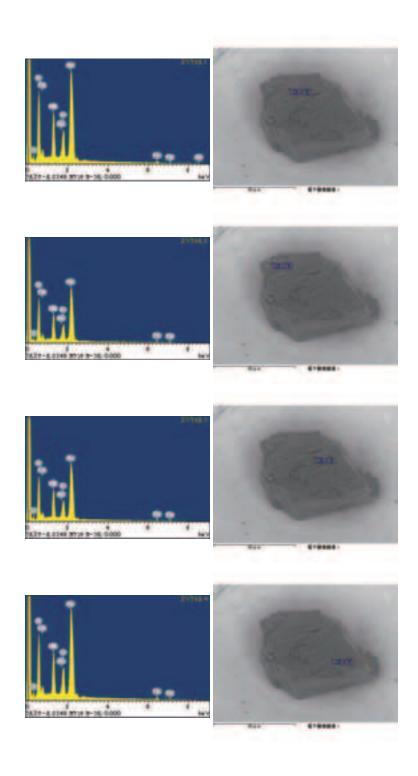
Status	Date	Size	Transfer	Category	Phase
DIVIDED		47µm	SG06c9,ICF70-023-SGf0015-4,Jena Univ	1	ol,K-fld



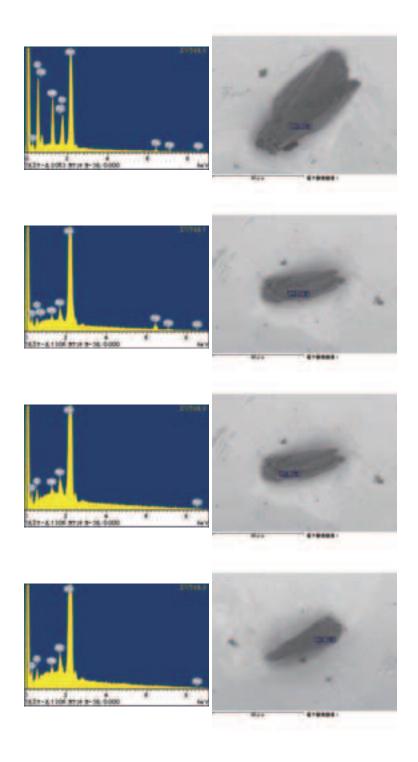
Status	Date	Size	Transfer	Category	Phase
DIVIDED		35µm	SG06d2,SG16b4,Tohoku Univ,N2-SP3	1	ol,lpx,Al



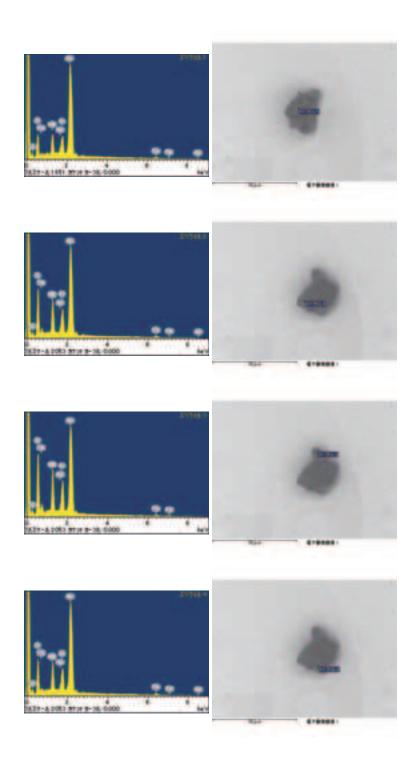
Status	Date	Size	Transfer	Category	Phase
JAXA ICF70-	120/16	51µ	SG06e2,SG06d3,ICF70-T001-K0080,	1	
T002-KA03	130410	m	ICF70-T002-KA03		Ol



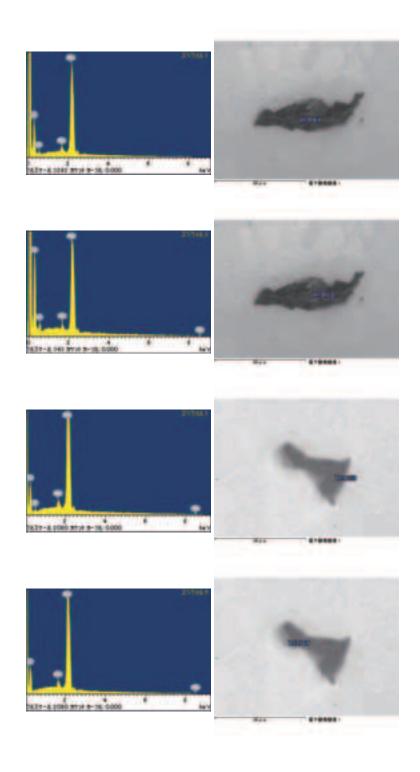
Status	Date	Size	Transfer	Category	Phase
Curation SG06d5		57µm	SG06d5	2	ol,lpx,pl,FeS



Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, attached to carbon fiber using acetonesoluble bond	120920	4∠µ m	SG06d4,SG16b2,Tohoku Univ,Curation N2- SP3,glovebox2	1	ol

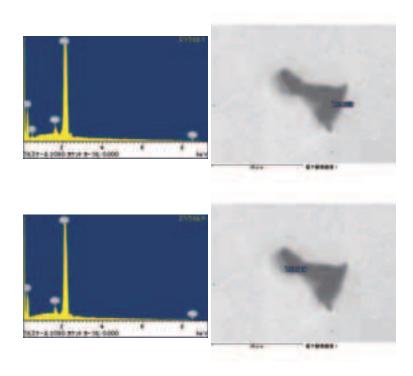


Status	Date	Size	Transfer	Category	Phase
BROKEN		66µm	-	3	(C,O),C

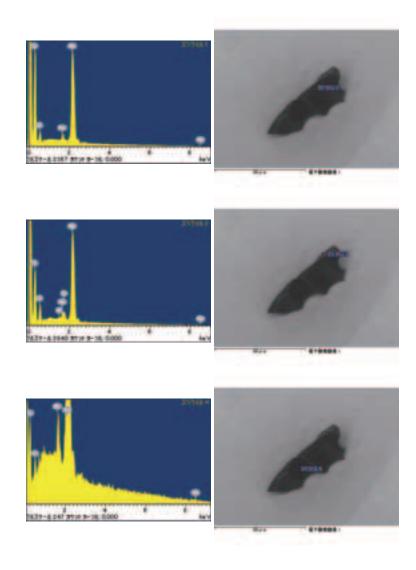


# RB-QD04-0047-02

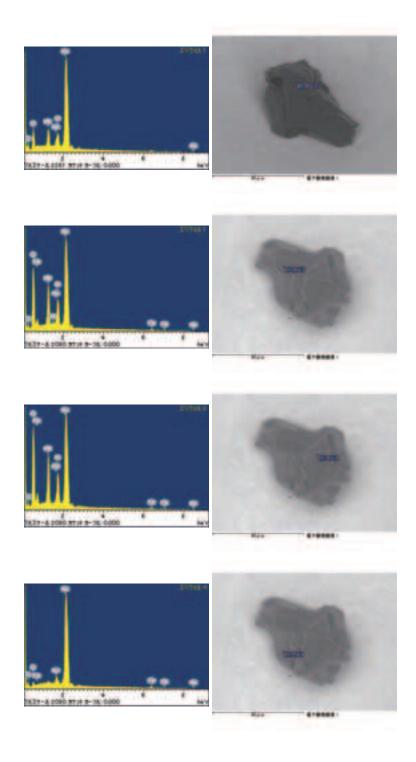
Status	Date	Size	Transfer	Category	Phase
Curation glovebox2, large FIB hole, pressed on Au plate		28μ m	E013,Au plate,Kochi CORE Center,Curation N2-SP3, glovebox2	3	(C,O),C



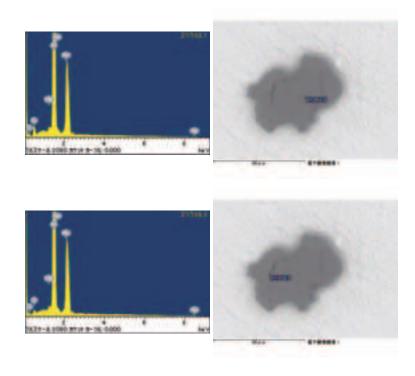
Status	Date	Size	Transfer	Category	Phase
Curation SG05c5	120106	56µm	SG05c5	3	(C,O)



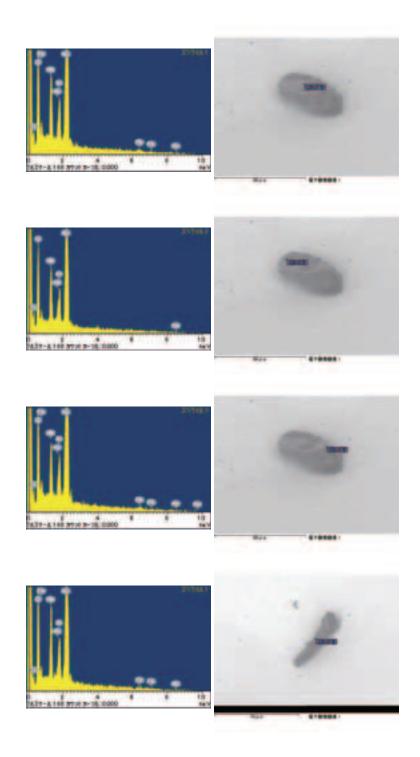
Status	Date	Size	Transfer	Category	Phase
Preliminary examination		50µm	-	1	ol,Al



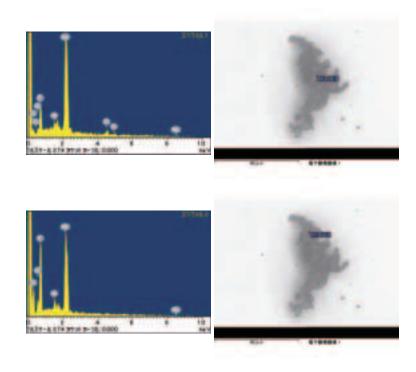
Status	Date	Size	Transfer	Category	Phase
Curation SG07a4	120106	55µm	SG07a4	4	Al



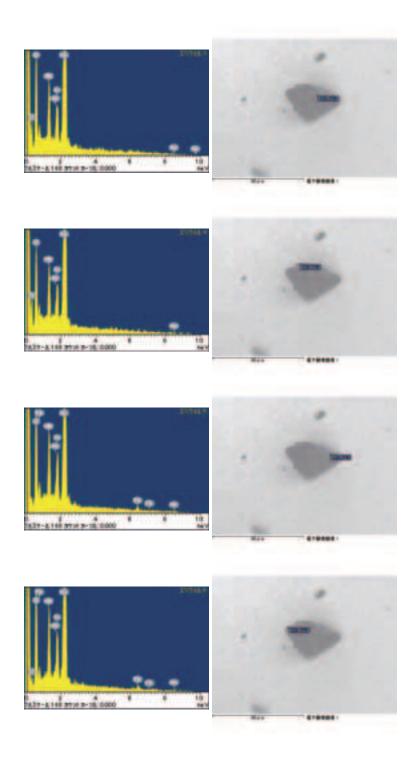
Status	Date	Size	Transfer	Category	Phase
Curation SG06e8	120515	37µm	SG06e8	1	ol



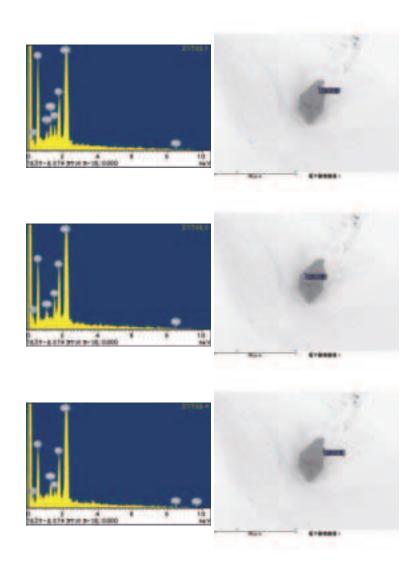
Status	Date	Size	Transfer	Category	Phase
Curation SG05c2	120412	96µm	SG05c2	3	(C,F,O),AI,Ti



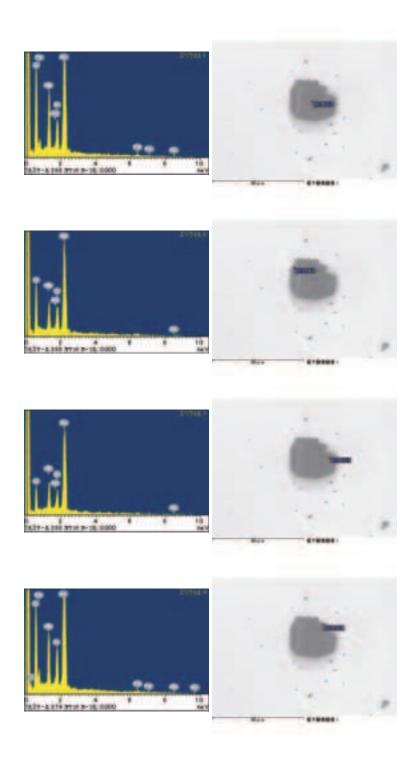
Status	Date	Size	Transfer	Category	Phase
Curation SG06f2	120515	30µm	SG06f2	1	ol



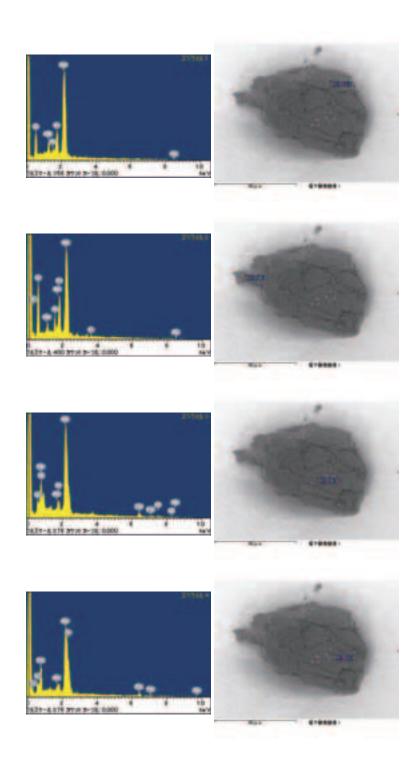
Status	Date	Size	Transfer	Category	Phase
Curation SG06e6	120515	34µm	SG06e6	1	pl,lpx



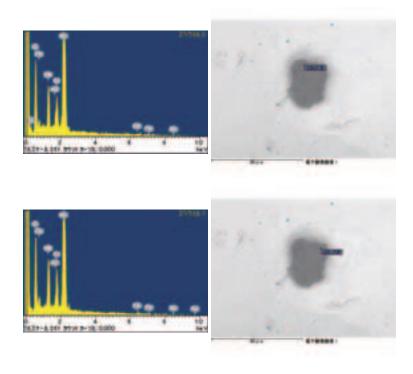
Status	Date	Size	Transfer	Category	Phase
Hokkaido Univ	120515	33µm	SG06f0,ICF70-003-SGf0076-1	1	ol



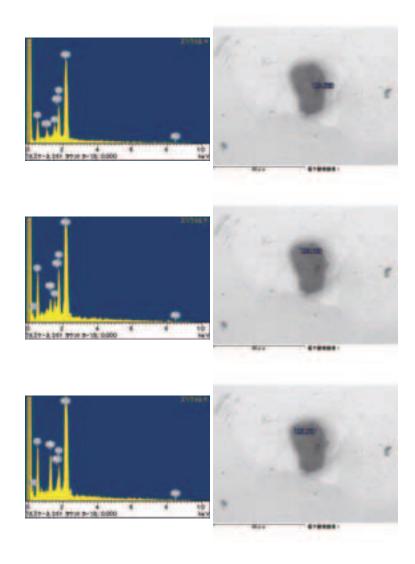
Status	Date	Size	Transfer	Category	Phase
Curation SG12a1	120515	103µm	SG12a1	2	lpx,pl,(Fe,Ni),tr



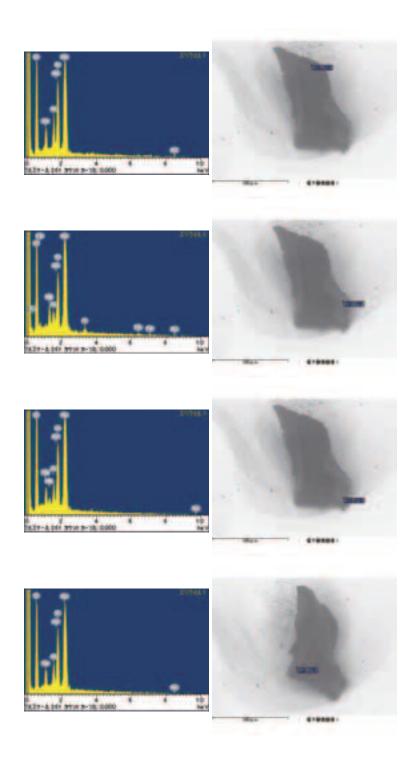
Status	Date	Size	Transfer	Category	Phase
Curation SG06h1	120515	33µm	SG06h1	1	ol



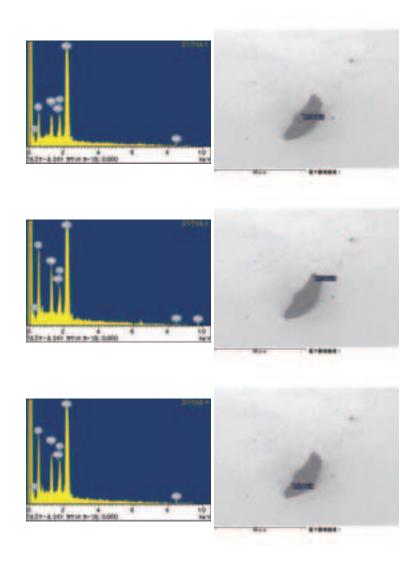
Status	Date	Size	Transfer	Category	Phase
Curation SG06f8	120515	35µm	SG06f8	1	pl,ol



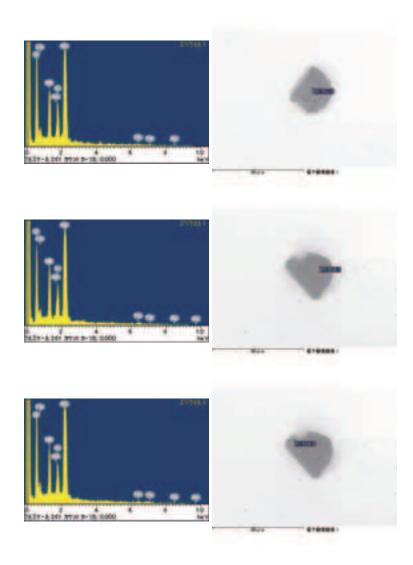
Status	Date	Size	Transfer	Category	Phase
Curation SG12a2	120515	191µm	SG12a2	1	pl,K-fld,lpx



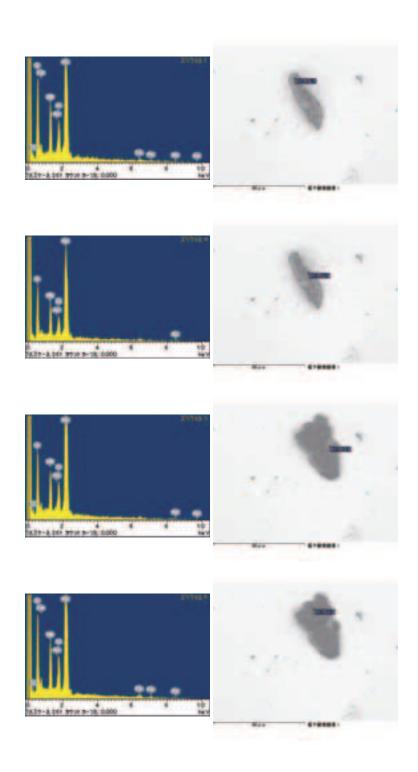
Status	Date	Size	Transfer	Category	Phase
Curation SG06h6	120515	37µm	SG06h6	1	ol



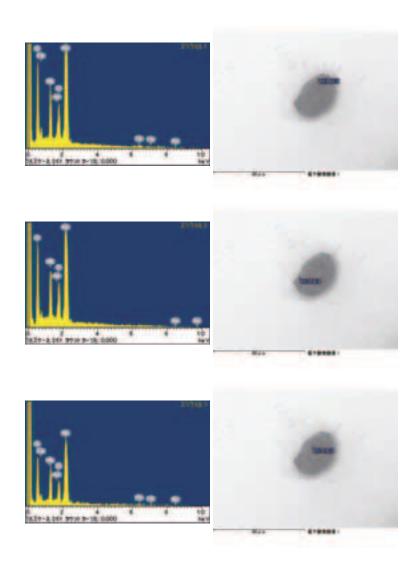
Status	Date	Size	Transfer	Category	Phase
Curation SG06f6	120515	31µm	SG06f6	1	ol



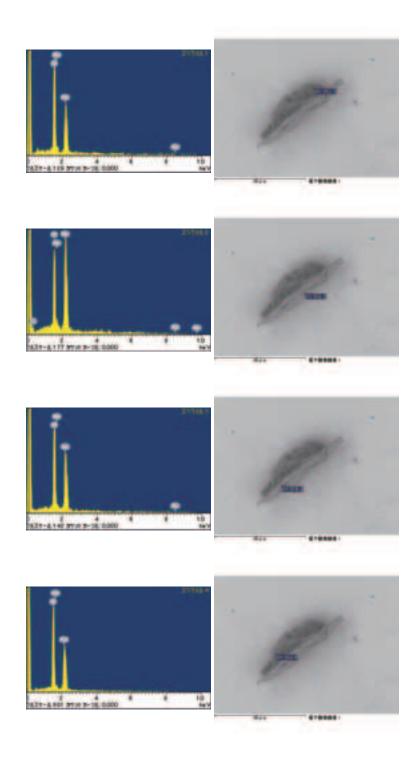
Status	Date	Size	Transfer	Category	Phase
Hawaii Univ.	120515	40µm	SG06f4,ICF70-002-SGf0074-2	1	ol,pl



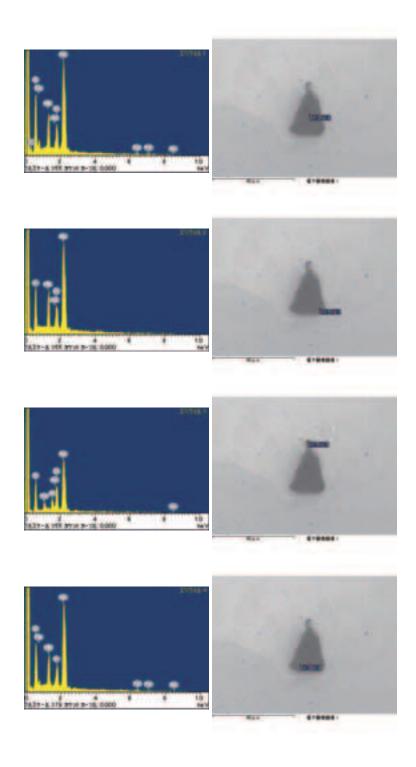
Status	Date	Size	Transfer	Category	Phase
Curation SG06h3	120515	33µm	SG06h3	1	ol



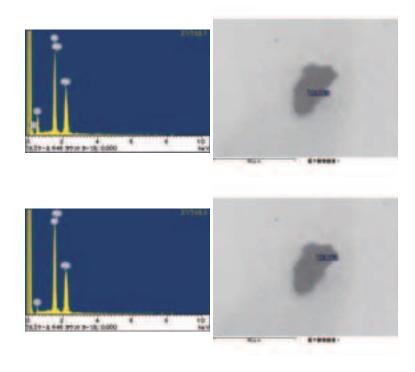
Status	Date	Size	Transfer	Category	Phase
Curation SG07b7	120507	37µm	SG07b7	4	Al



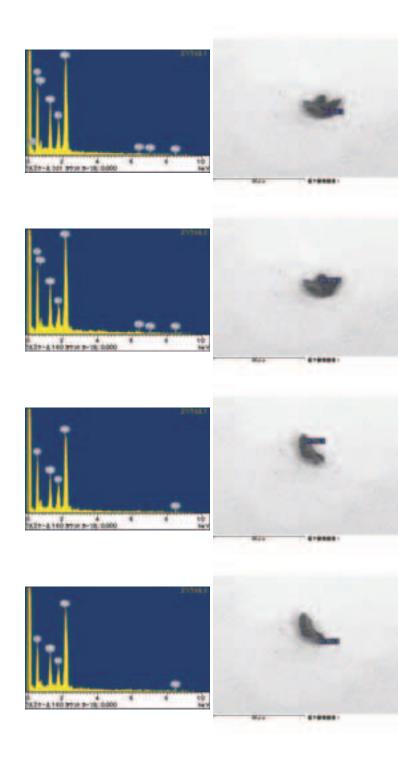
Status	Date	Size	Transfer	Category	Phase
Curation SG06h8	120515	35µm	SG06h8	1	ol



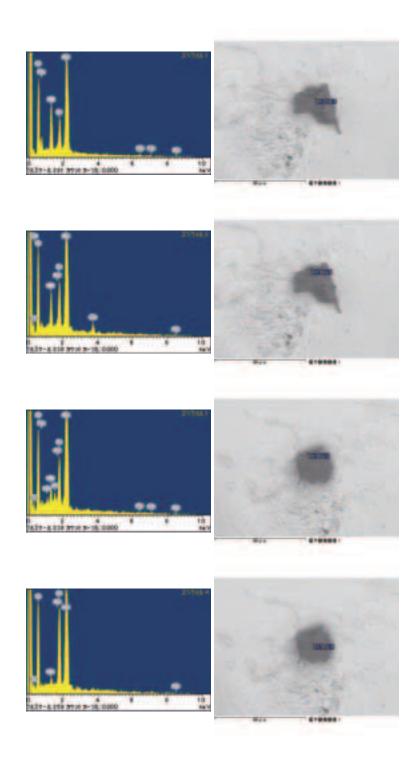
Status	Date	Size	Transfer	Category	Phase
Curation SG07b8	120507	48µm	SG07b8	4	Al



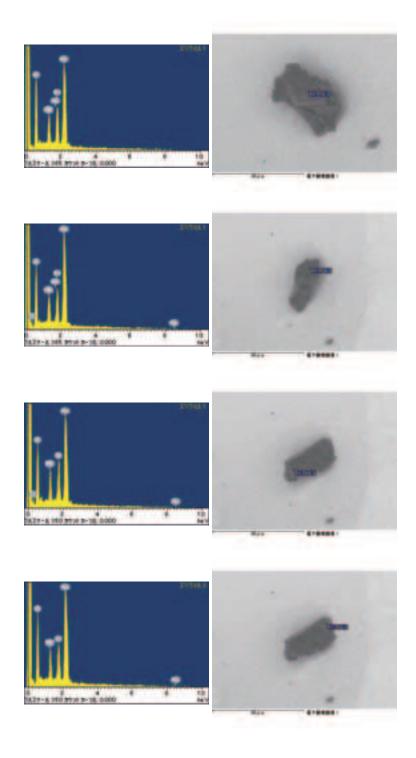
Status	Date	Size	Transfer	Category	Phase
Curation SG06j5	120508	35µm	SG06j5	1	ol



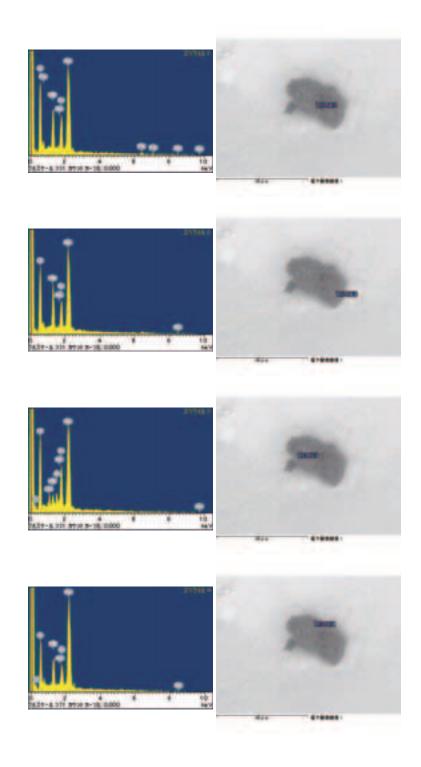
Status	Date	Size	Transfer	Category	Phase
Curation SG06i4	120508	33µm	SG06i4	1	ol,hpx,pl,(Si,O)



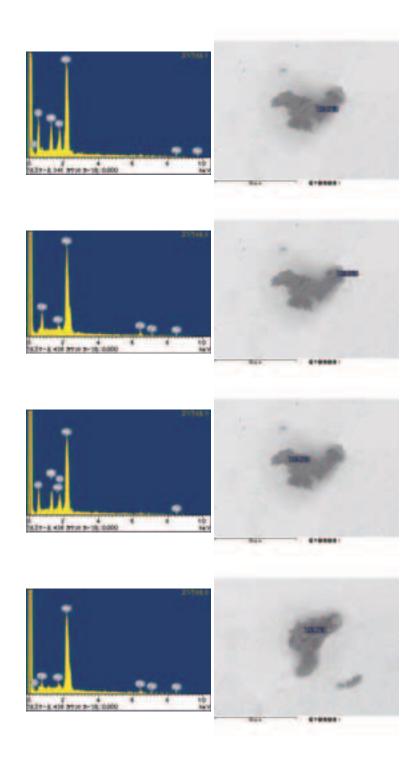
Status	Date	Size	Transfer	Category	Phase
Curation SG06i6	120508	28µm	SG06i6	1	lpx



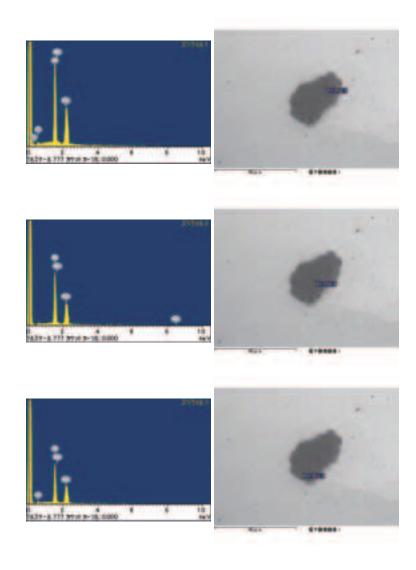
Status	Date	Size	Transfer	Category	Phase
Curation SG06j8	120508	22µm	SG06j8	1	ol,pl



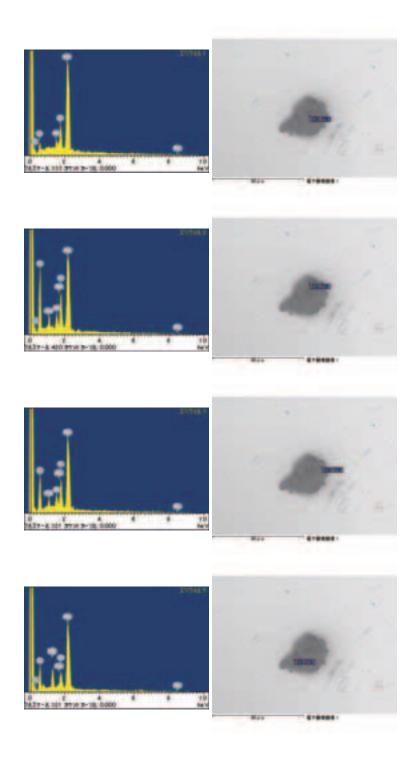
Status	Date	Size	Transfer	Category	Phase
ESA ESTEC	120508	25µm	SG06i2,ICF70-011,ESA ESTEC	2	ol,Fe



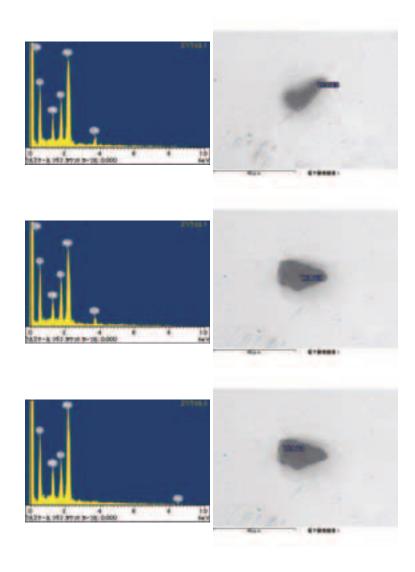
Status	Date	Size	Transfer	Category	Phase
Curation SG07b9	120508	32µm	SG07b9	4	(Al,O)



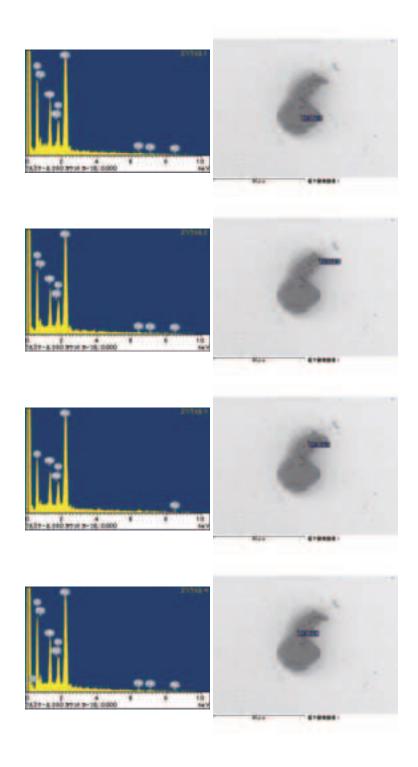
Status	Date	Size	Transfer	Category	Phase
Curation SG06j3	120508	32µm	SG06j3	1	pl,ol



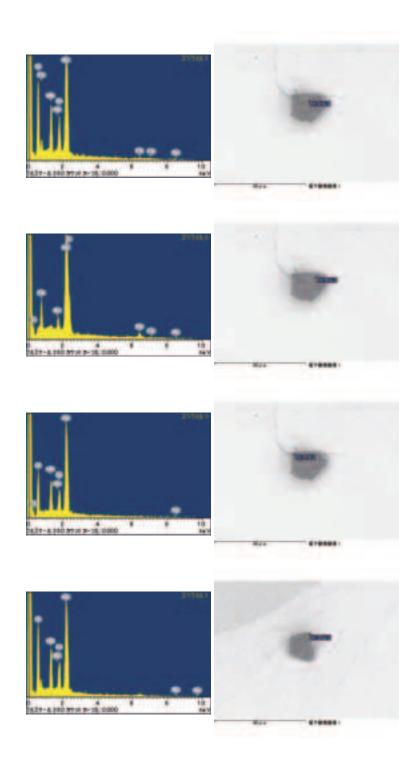
Status	Date	Size	Transfer	Category	Phase
Curation SG06i9	120511	35µm	SG06i9	1	hpx,lpx



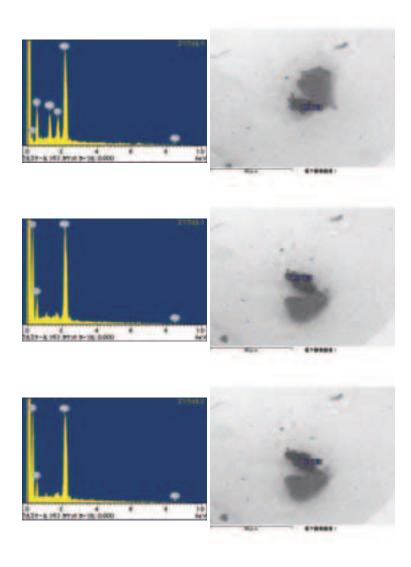
Status	Date	Size	Transfer	Category	Phase
Curation SG11a1	120511	31µm	SG11a1	1	ol



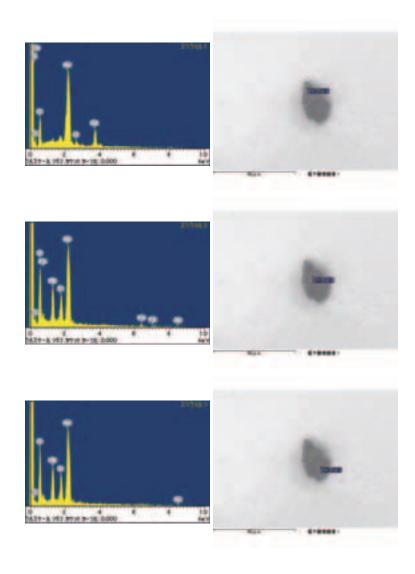
Status	Date	Size	Transfer	Category	Phase
Curation SG11a3	120511	21µm	SG11a3	2	ol,tr



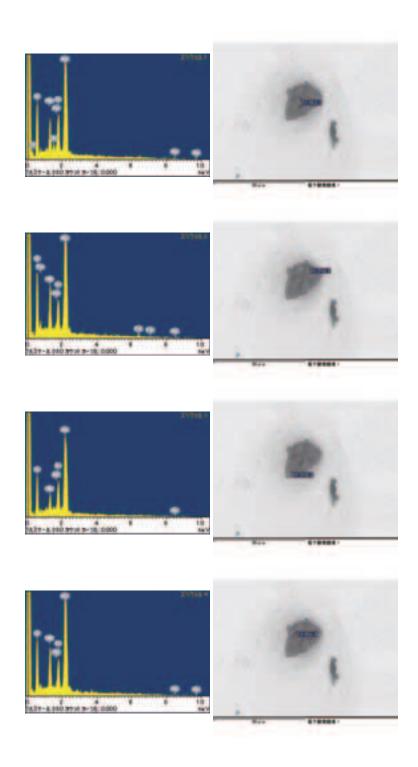
Status	Date	Size	Transfer	Category	Phase
Curation SG05d3	120517	19µm	SG05d3	3	(C,O),ol



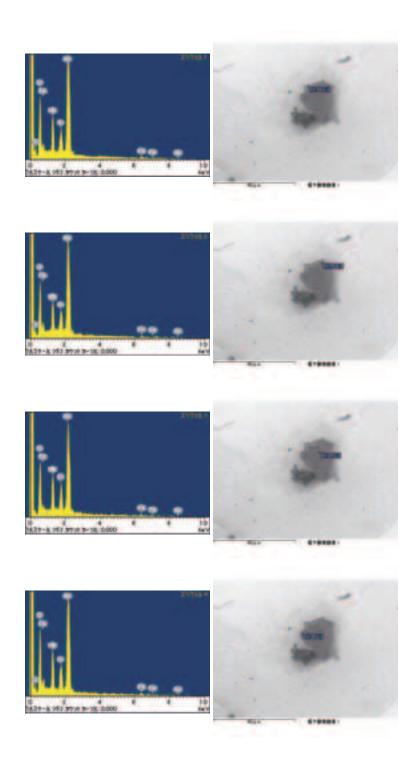
Status	Date	Size	Transfer	Category	Phase
JAXA		30µm	SG11a2, ICF70-0095-SGf0086-S1, JAXA	1	ol,(Ca,Cl)



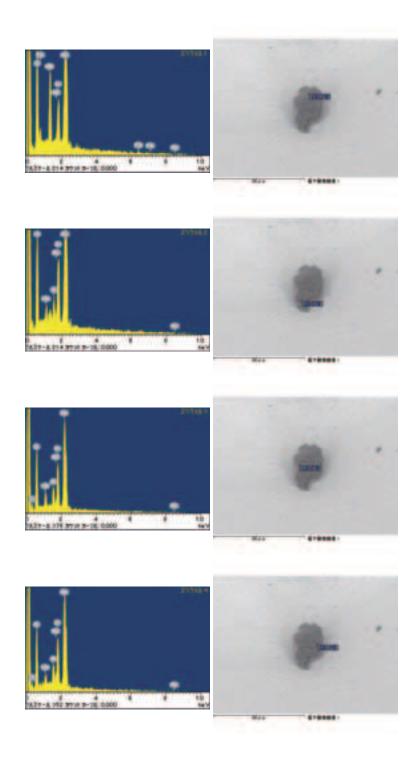
Status	Date	Size	Transfer	Category	Phase
Curation SG11a0	120511	35µm	SG11a0	1	ol,lpx,pl



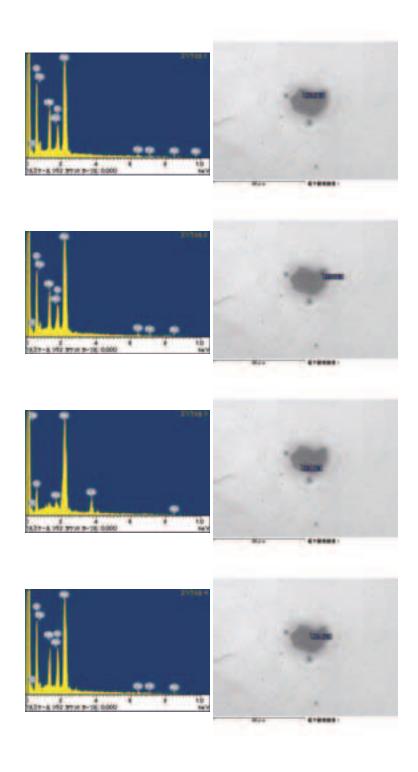
Status	Date	Size	Transfer	Category	Phase
Curation SG11a4	120511	33µm	SG11a4	1	ol



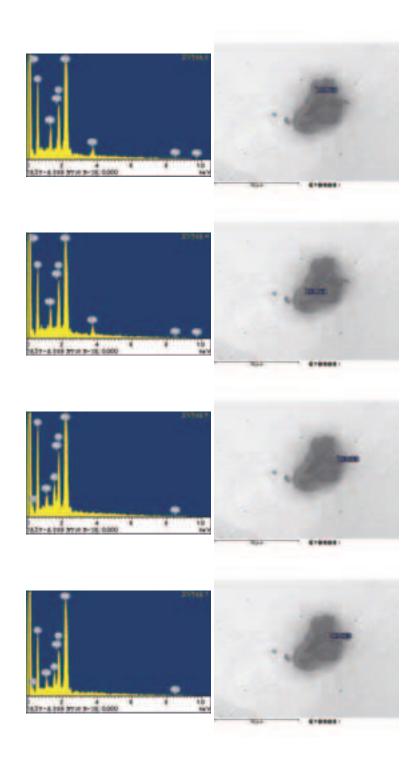
Status	Date	Size	Transfer	Category	Phase
Curation SG11b1	120516	28µm	SG11b1	1	pl,ol



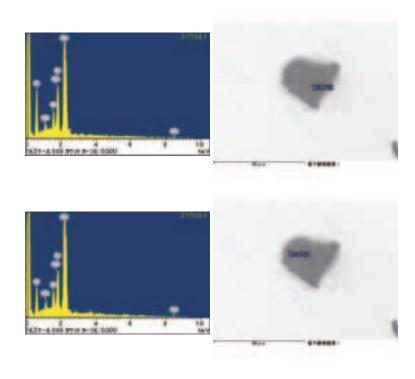
Status	Date	Size	Transfer	Category	Phase
Tohoku		25µ	SG11b5, ICF70-0095-SGf0086-S2,	1	ol,(Ca,O)
Univ.		m	JAXA,Tohoku Univ.		UI,(Ca,O)



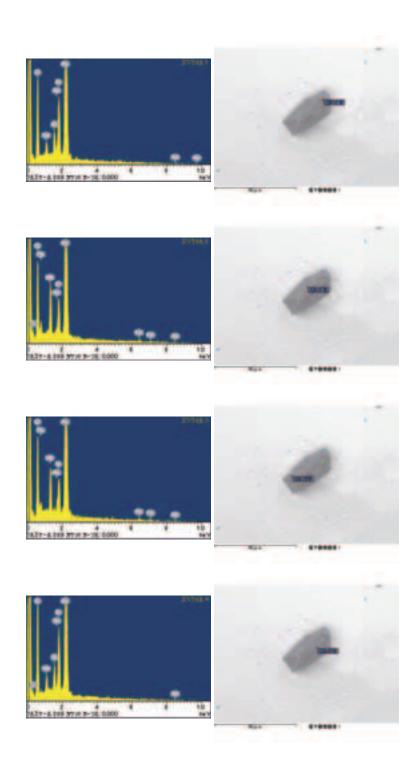
Status	Date	Size	Transfer	Category	Phase
Curation SG11c5	120525	68µm	SG11c5	1	pl,hpx



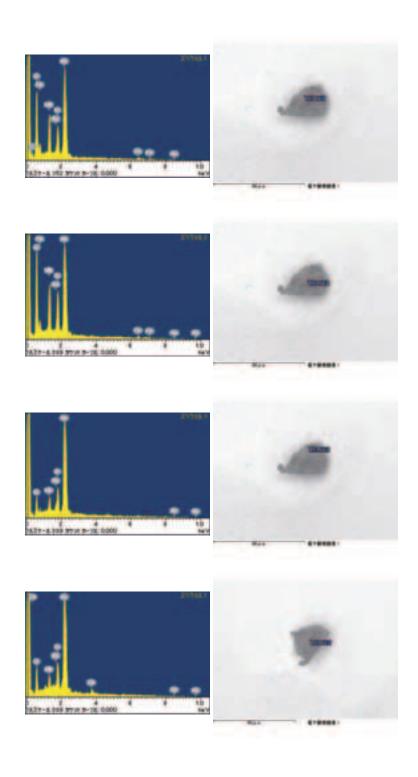
Status	Date	Size	Transfer	Category	Phase
Curation SG11b0		39µm	SG11b0	1	pl



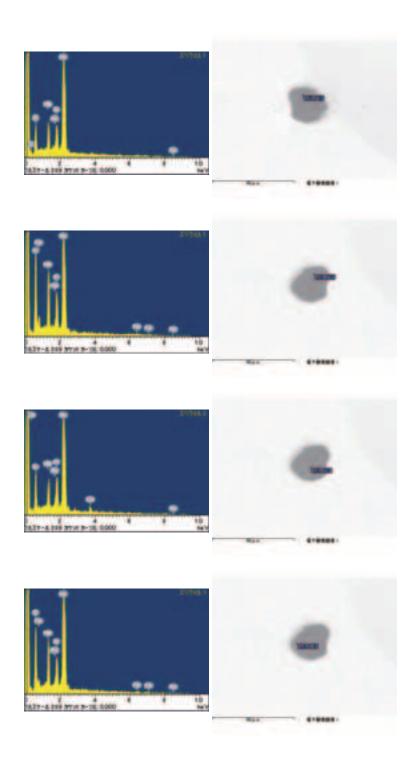
Status	Date	Size	Transfer	Category	Phase
Hawaii Univ.	120525	43µm	SG11c1,ICF70-002-SGf0074-1	1	pl,ol



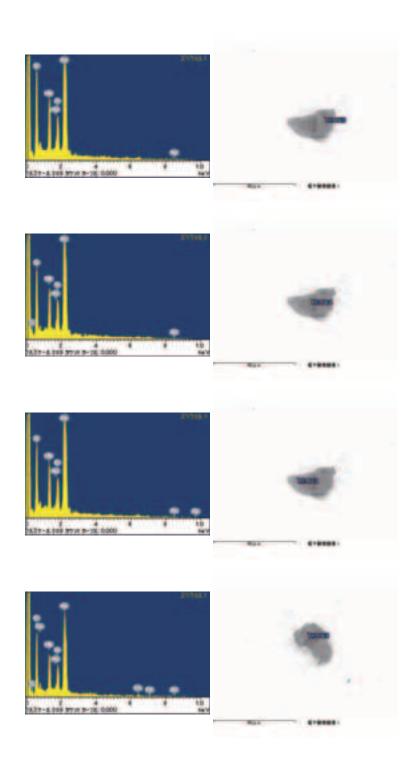
Status	Date	Size	Transfer	Category	Phase
Curation SG11c3	120525	37µm	SG11c3	1	ol,lpx,hpx



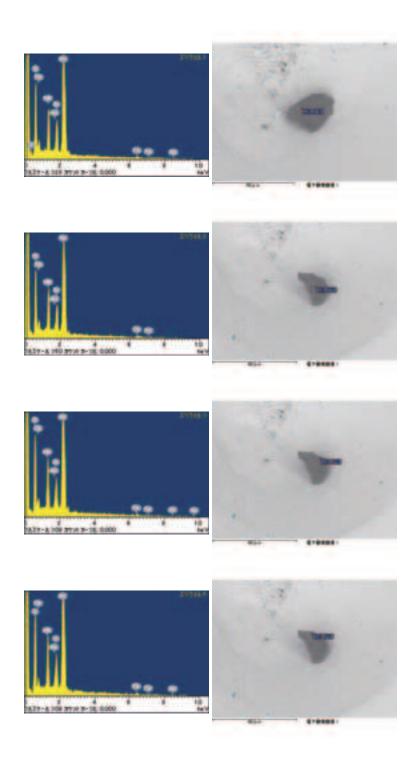
Status	Date	Size	Transfer	Category	Phase
Curation SG11c4	120525	29µm	SG11c4	1	ol,hpx



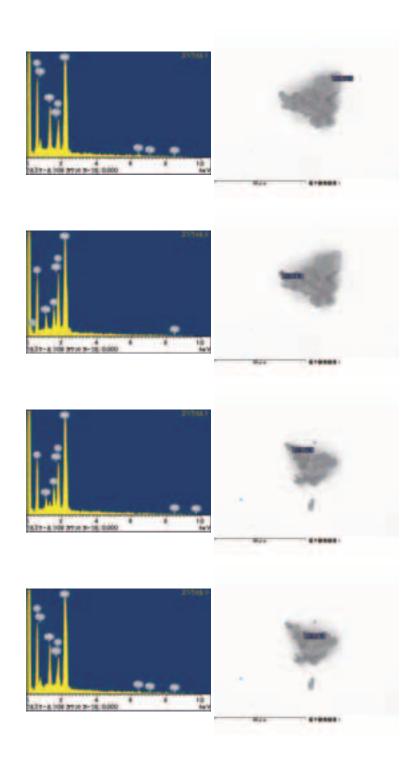
Status	Date	Size	Transfer	Category	Phase
Curation SG11c2		36µm	SG11c2	1	ol,Al



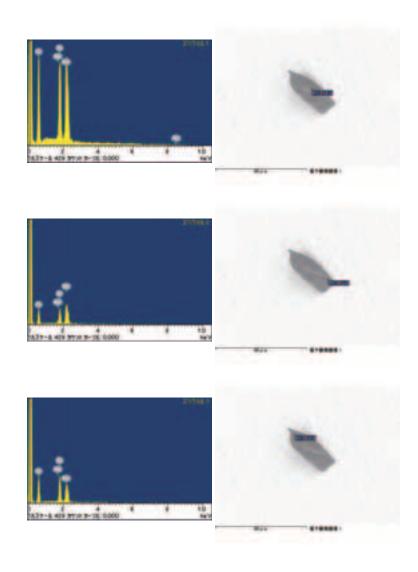
Status	Date	Size	Transfer	Category	Phase
Curation SG11d1	120529	36µm	SG11d1	1	ol



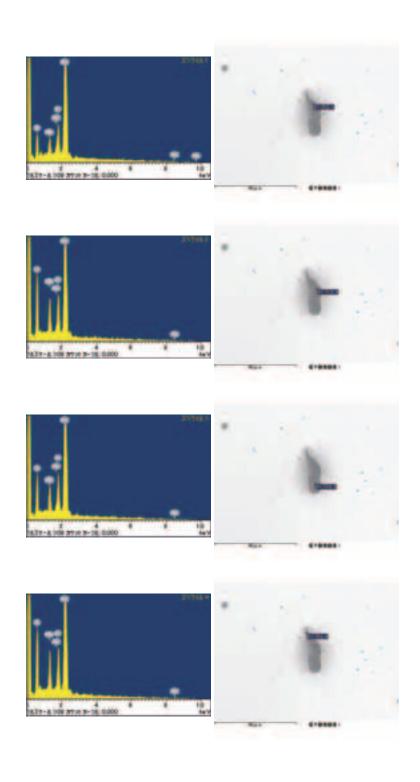
Status	Date	Size	Transfer	Category	Phase
Curation SG11d0	120529	38µm	SG11d0	1	ol,pl



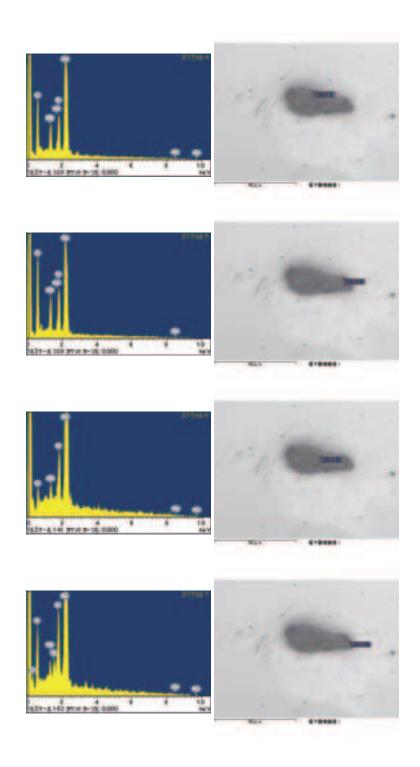
Status	Date	Size	Transfer	Category	Phase
Curation SG07c0	120529	39µm	SG07c0	4	(Si,O)



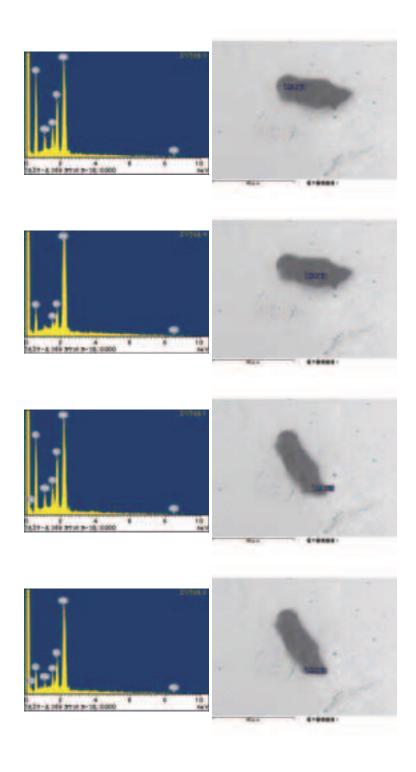
Status	Date	Size	Transfer	Category	Phase
Curation SG11d3	120529	37µm	SG11d3	1	Ірх



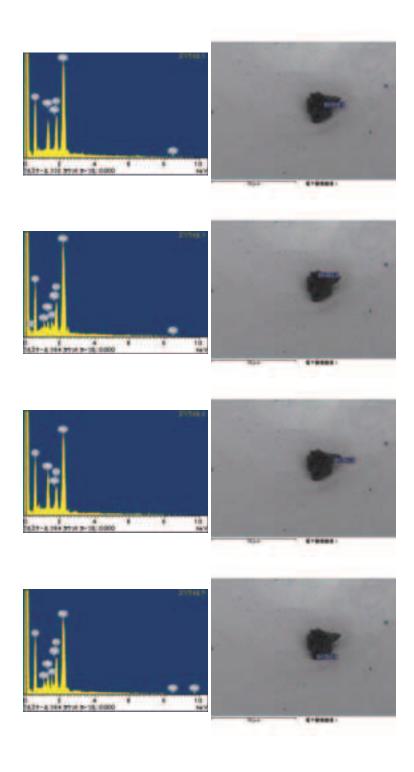
Status	Date	Size	Transfer	Category	Phase
Curation SG11d4	120529	54µm	SG11d4	1	Ірх



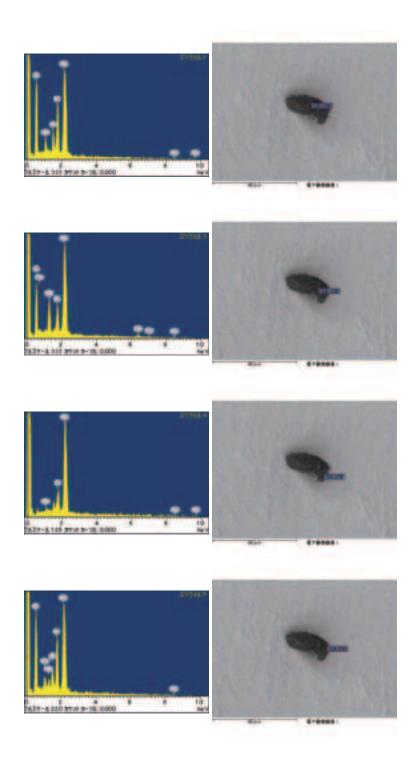
Status	Date	Size	Transfer	Category	Phase
Curation SG11d5	120529	64µm	SG11d5	1	pl



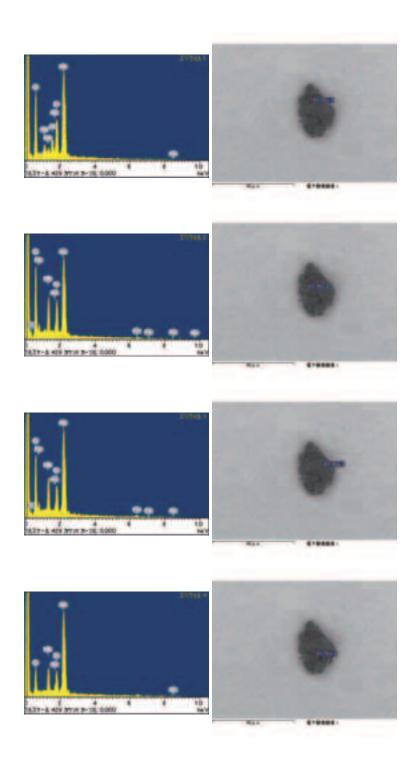
Status	Date	Size	Transfer	Category	Phase
Tohoku	120601	28µ	SG11e5,ICF70-0008-SGf0085-3,Tohoku	1	ol,pl,lpx
Univ	120001	m	Univ		Οι,ρι,ιρχ



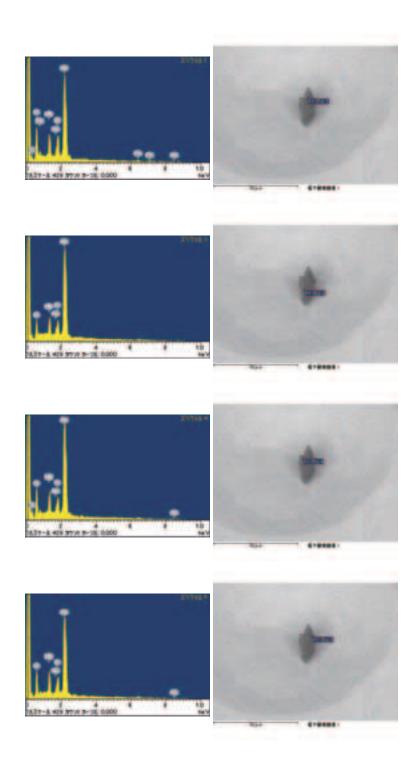
Status	Date	Size	Transfer	Category	Phase
Curation SG11e4	120601	47µm	SG11e4	1	pl,ol



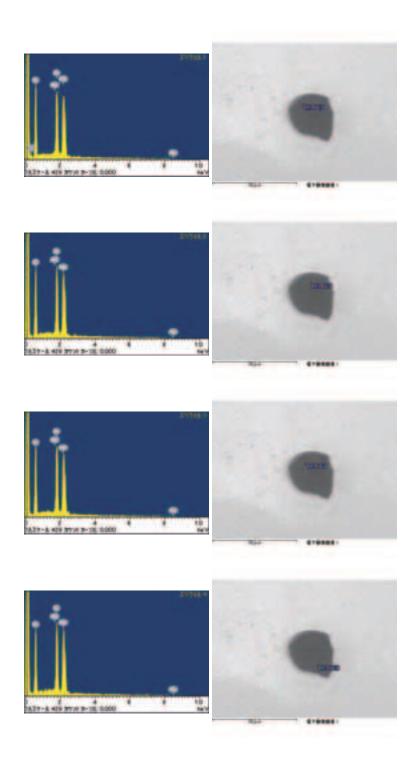
Status	Date	Size	Transfer	Category	Phase
NASA	120601	42µm	SG11e1, ICF70-009-SGf0070-1,NASA	1	ol,pl



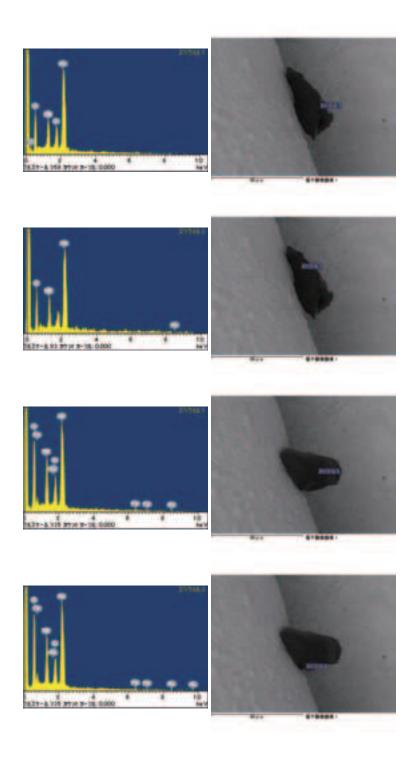
Status	Date	Size	Transfer	Category	Phase
Curation SG11e2	120601	33µm	SG11e2	1	ol



Status	Date	Size	Transfer	Category	Phase
Curation SG07lowerleft	120601	42µm	Au08s2,SG07lowerleft	4	SiO



Status	Date	Size	Transfer	Category	Phase
Curation SG11e3	120601	57µm	SG11e3	1	ol



Status	Date	Size	Transfer	Category	Phase
Curation SG11e0	120601	54µm	SG11e0	1	ol,lpx

