

Supplementary Explanation for Financial Summary

3rd Quarter FY2016

February 7th, 2017



SUMITOMO METAL MINING CO., LTD.

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Comparison

FY2016/1-3Q Result vs FY2015/1-3Q Result

JPY100M

	16/1-3Q ①Result	15/1-3Q ②Result	Diff. ①-②
Net sales	5,645	6,608	-963
Operating income	480	595	-115
Recurring profit	-255	24	-279
*Net income	-328	107	-435
(Inventory evaluation P&L)	-41	-96	55
(Exchange gain & loss)	+43	+10	33
Cu (\$ /t)	4,928	5,397	-469
Ni (\$ /lb)	4.52	4.99	-0.47
Au (\$ /oz)	1,271	1,141	130
Exchange (¥ / \$)	106.65	121.71	-15.06

Exchange (¥/\$)	16/12E	16/9E	16/6E	16/3E	15/12E
	116.49	101.05	102.96	112.62	120.53

【Diff. of 2016/1-3Q Result vs 2015/1-3Q Result ①-②】

Recurring Profit -279

Metal Price/ Exchange -292 (Metal Price -208, Exchange -120, Inventory evaluation +36), Exchange Gain +33, Quantity +18, Cost@ +178, Materials Segment +38,

Impairment loss of Sierra Gorda -110, Sierra Gorda (loss excluding impairment loss) -91, Unrealized Profit -33, etc

New and Old Forecast of FY2016 (in Feb. vs in Nov.)

JPY100M

	16/1Q+2Q ①Result	16/3Q ②Result	16/4Q ③Forecast	FY2016 ④Forecast in Feb.	FY2016 ⑤Forecast in Nov.	Diff. ④-⑤
Net sales	3,665	1,980	2,105	7,750	7,140	+610
Operating income	219	261	280	760	480	+280
Recurring profit	117	-372	265	10	330	-320
*Net income	33	-361	178	-150	190	-340
(Inventory evaluation P&L)	-83	+42	31	-10	-126	+116
(Exchange gain & loss)	-110	+153	-13	30	-120	+150
Cu (\$ /t)	4,752	5,280	5,400	5,046	4,726	+320
Ni (\$ /lb)	4.33	4.90	5.00	4.64	4.54	+0.10
Au (\$ /oz)	1,297	1,219	1,150	1,241	1,273	-32
Exchange (¥ / \$)	105.31	109.33	115.00	108.74	102.66	+6.08

【Diff of FY2016 Forecast in Feb. vs Forecast in Nov. ④-⑤】

Recurring Profit -320

Metal Price/ Exchange +330 (Metal Price +174, Exchange +40, Inventory evaluation +116), Exchange Gain +150, Cost@ -40, Materials Segment +10,

Impairment loss of Sierra Gorda -800, Sierra Gorda (loss excluding impairment loss) +10, etc

*Profit attributable to owners of parent

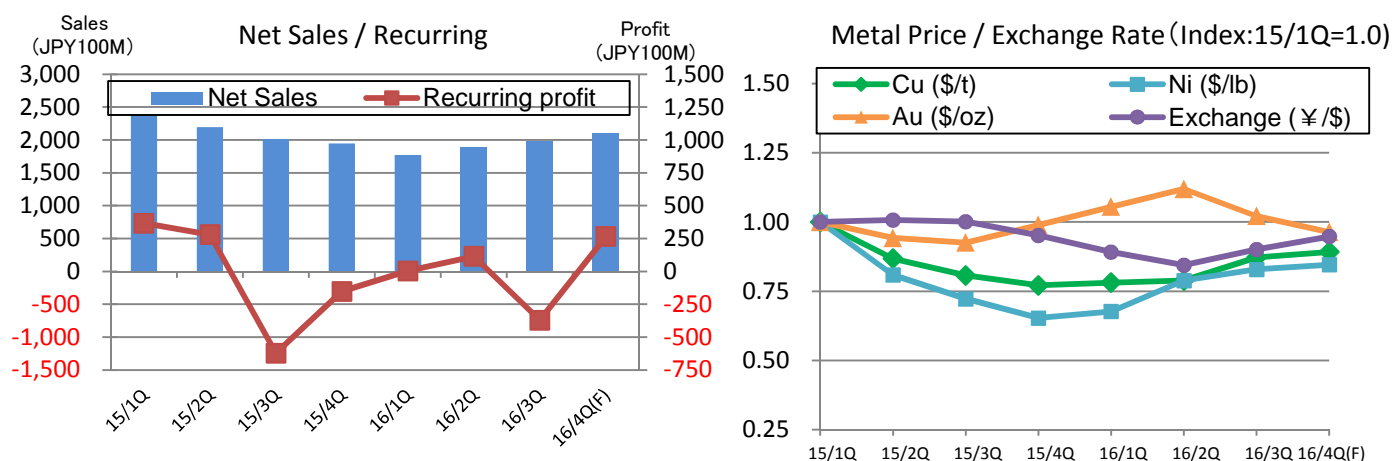
Quarterly Financial Results

JPY100M

	FY2013					FY2014				
	1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	4Q	Total
Net sales	2,105	2,055	1,957	2,188	8,305	2,094	2,361	2,354	2,404	9,213
Operating income	202	205	157	190	754	208	345	385	320	1,258
Recurring profit (1)	315	250	302	277	1,144	269	530	603	340	1,742
*Net income	233	167	210	193	803	185	370	406	-50	911
Cu (\$/t)	7,146	7,079	7,153	7,038	7,104	6,787	6,993	6,621	5,815	6,554
Ni (\$/lb)	6.78	6.32	6.31	6.64	6.51	8.37	8.42	7.16	6.51	7.62
Au (\$/oz)	1,415	1,327	1,271	1,293	1,327	1,289	1,283	1,200	1,220	1,248
Exchange (¥/\$)	98.76	98.95	100.45	102.78	100.24	102.16	104.16	114.54	119.10	109.93
Inventory impairment										
(Smelting) Impairment	-36	+35	+1	-2	-2	-1	-1	+2	-5	-5
(Smelting) QP Diff etc.	+4	-35	-6	+10	-27	-8	+18	+68	+11	+89
(Smelting) Total	-32	0	-5	+8	-29	-9	+17	+70	+6	+84
(Materials & others)	-3	+2	-2	+1	-2	+1	0	+3	-5	-1
Total (2)	-35	+2	-7	+9	-31	-8	+17	+73	+1	+83
(1) - (2)	350	248	309	268	1,175	277	513	530	339	1,659

	FY2015					FY2016				
	1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	4Q(F)	Total(F)
Net sales	2,396	2,196	2,016	1,946	8,554	1,770	1,895	1,980	2,105	7,750
Operating income	261	254	80	2	597	80	139	261	280	760
Recurring profit (1)	366	280	-622	-152	-128	3	114	-372	265	10
*Net income	263	275	-431	-110	-3	-69	102	-361	178	-150
Cu (\$/t)	6,054	5,252	4,887	4,669	5,215	4,730	4,774	5,280	5,400	5,046
Ni (\$/lb)	5.91	4.78	4.27	3.86	4.71	4.00	4.66	4.90	5.00	4.64
Au (\$/oz)	1,193	1,124	1,104	1,180	1,150	1,259	1,335	1,219	1,150	1,241
Exchange (¥/\$)	121.37	122.24	121.51	115.48	120.15	108.17	102.44	109.33	115.00	108.74
Inventory impairment										
(Smelting) Impairment	+4	-21	+4	+15	+2	-6	0	+9	+1	+4
(Smelting) QP Diff etc.	-7	-23	-44	-65	-139	-42	-40	+33	+32	-17
(Smelting) Total	-3	-44	-40	-50	-137	-48	-40	+42	+33	-13
(Materials & others)	+1	-3	-7	+6	-3	+3	+2	0	-2	+3
Total (2)	-2	-47	-47	-44	-140	-45	-38	+42	+31	-10
(1) - (2)	368	327	-575	-108	12	48	152	-414	234	20

※Profit attributable to owners of parent



Operating income / Segment Profit

JPY100M

		FY2014					FY2015					FY2016				
		1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	4Q(F)	Total(F)
Operating income	Mineral Resources	91	116	108	117	432	98	117	65	58	338	96	78	90	116	380
	Smelting & Refining	109	205	229	175	718	182	89	30	-73	228	-13	40	146	127	300
	Materials	24	24	23	11	82	10	9	0	10	29	11	15	26	18	70
	Others	1	-1	5	5	10	2	1	-12	9	0	3	1	4	2	10
Diff. Adjustment		-17	1	20	12	16	-31	38	-3	-2	2	-17	5	-5	17	0
Operating income Total		208	345	385	320	1,258	261	254	80	2	597	80	139	261	280	760

		Result					2016(F)
		2011	2012	2013	2014	2015	
Operating income	Mineral Resources	528	490	452	432	338	380
	Smelting & Refining	480	479	306	718	228	300
	Materials	10	45	108	82	29	70
	Others	14	16	17	10	0	10
Diff. Adjustment		-146	-72	-129	16	2	0
Operating income Total		886	958	754	1,258	597	760

After FY2014, "Operating income" shows "Operating income (after allocation)."

		FY2014					FY2015					FY2016				
		1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	4Q(F)	Total(F)
Segment Profit	Mineral Resources	132	167	131	108	538	127	133	-693	-10	-443	76	47	-749	86	-540
	Smelting & Refining	112	230	271	200	813	196	112	40	-95	253	-16	52	170	144	350
	Materials	35	41	36	17	129	19	14	6	21	60	17	20	40	33	110
	Others	1	-2	3	-3	-1	1	-1	-14	6	-8	3	0	2	-15	-10
Diff. Adjustment		-11	94	162	18	263	23	22	39	-74	10	-77	-5	165	17	100
Recurring Profit Total		269	530	603	340	1,742	366	280	-622	-152	-128	3	114	-372	265	10

Equity in earnings of affiliated companies

JPY100M

		FY2014					FY2015					FY2016							
		1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	4Q(F)	Total(F)			
Cu	Cerro Verde	20	29	16	13	78	12	-3	2	-7	4	21	17	6	26	70			
	Candelaria/Ojos	22	19	6	7	54	20	14	4	-5	33	11	3	7	4	25			
	Sierra Gorda					-39	-39					-763	-64	-827	-54	-58	-851	-67	-1,030
	Acids/Jinlong/MSMMBC	-2	2	7	4	11	4	5	0	-11	-2	5	6	6	8	25			
	Total	40	50	29	-15	104	36	16	-757	-87	-792	-17	-32	-832	-29	-910			
Ni	PT Vale Indonesia/Figesbal/NAC	7	27	44	21	99	10	13	9	-1	31	-7	0	11	6	10			
NECC/NK/MSZ/SHCP/Others		8	11	12	5	36	8	5	7	9	29	7	8	9	6	30			
Total		55	88	85	11	239	54	34	-741	-79	-732	-17	-24	-812	-17	-870			

		Result					2016(F)	
		2011	2012	2013	2014	2015		
Cu	Cerro Verde	179	124	122	78	4	70	
	Candelaria/Ojos	118	61	106	54	33	25	
	Sierra Gorda					-39	-827	-1,030
	Acids/Jinlong/MSMMBC	4	-1	2	11	-2	25	
	Total	301	184	230	104	-792	-910	
Ni	PT Vale Indonesia/Figesbal/NAC/VNC	55	10	22	99	31	10	
	合計	-87	-38					
NECC/NK/MSZ/SHCP/Others		18	25	46	36	29	30	
Total		232	171	298	239	-732	-870	

Metal price and Exchange rate

	Copper (\$/t)			Copper (¢/lb)			Nickel (\$/lb)		
	FY2014	FY2015	FY2016	FY2014	FY2015	FY2016	FY2014	FY2015	FY2016
Apr	6,671	6,028	4,851	303	273	220	7.88	5.80	4.02
May	6,884	6,301	4,708	312	286	214	8.82	6.13	3.94
Jun	6,806	5,834	4,631	309	265	210	8.42	5.80	4.04
Average	6,787	6,054	4,730	308	275	215	8.37	5.91	4.00
Jul	7,105	5,457	4,856	322	248	220	8.64	5.16	4.65
Aug	7,001	5,089	4,758	318	231	216	8.43	4.69	4.70
Sep	6,872	5,209	4,707	312	236	214	8.20	4.49	4.62
Average	6,993	5,252	4,774	317	238	217	8.42	4.78	4.66
Oct	6,739	5,223	4,732	306	237	215	7.15	4.69	4.66
Nov	6,701	4,808	5,443	304	218	247	7.12	4.19	5.05
Dec	6,423	4,629	5,666	291	210	257	7.22	3.94	5.00
Average	6,621	4,887	5,280	300	222	240	7.16	4.27	4.90
Jan	5,816	4,463		264	202		6.70	3.85	
Feb	5,702	4,595		259	208		6.59	3.77	
Mar	5,926	4,948		269	224		6.23	3.95	
Average	5,815	4,669		264	212		6.51	3.86	
FY average	6,554	5,216		297	237		7.62	4.71	
Jan-Dec average	6,860	5,502		311	250		7.65	5.37	
Jan-Mar(FCST in Feb.)			5,400			245			5.00
FY2016(FCST in Feb.)			5,046			229			4.64
FY2016(FCST in Nov.)			4,726			214			4.54

	Gold (\$/oz)			Exchange (¥/US\$)		
	FY2014	FY2015	FY2016	FY2014	FY2015	FY2016
Apr	1,299	1,198	1,242	102.58	119.58	109.84
May	1,288	1,198	1,260	101.83	120.76	109.13
Jun	1,279	1,182	1,275	102.08	123.77	105.55
Average	1,289	1,193	1,259	102.16	121.37	108.17
Jul	1,312	1,131	1,337	101.73	123.26	103.99
Aug	1,297	1,118	1,341	102.97	123.21	101.34
Sep	1,240	1,125	1,326	107.78	120.24	101.99
Average	1,283	1,124	1,335	104.16	122.24	102.44
Oct	1,223	1,158	1,268	108.00	120.08	103.82
Nov	1,176	1,087	1,238	116.22	122.59	108.17
Dec	1,201	1,068	1,152	119.41	121.86	115.99
Average	1,200	1,104	1,219	114.54	121.51	109.33
Jan	1,251	1,097		118.33	118.34	
Feb	1,229	1,197		118.59	115.08	
Mar	1,180	1,246		120.37	113.03	
Average	1,220	1,180		119.10	115.48	
FY average	1,248	1,150		109.93	120.15	
Jan-Dec average	1,266	1,160		105.91	121.05	
Jan-Mar(FCST in Feb.)			1,150			115.00
FY2016(FCST in Feb.)			1,241			108.74
FY2016(FCST in Nov.)			1,273			102.66

LME Price		16/1Q		16/2Q		16/3Q		16/4Q(F)
E-Ni applied	Mar-May	3.97	Jun-Aug	4.46	Sep-Nov	4.78	Dec-Feb	5.00
Fe-Ni applied	Jan-Mar	3.86	Apr-Jun	4.00	Jul-Sep	4.66	Oct-Dec	4.90

LME Price		16/1Q		16/2Q		16/3Q		16/4Q(F)
E-Ni applied	Mar-May	110.67	Jun-Aug	103.63	Sep-Nov	104.66	Dec-Feb	115.33
Fe-Ni applied	Jan-Mar	115.48	Apr-Jun	108.17	Jul-Sep	102.44	Oct-Dec	109.33

Comparison

(2016/1-3Q Result vs 2015/1-3Q Result)

JPY100M

Operating income				Segment Profit			
	16/1-3Q ①	15/1-3Q ②	Diff. ①-②		16/1-3Q ③	15/1-3Q ④	Diff. ③-④
Mineral Resources	264	280	-16	Mineral Resources	-626	-433	-193
Smelting & Refining	173	301	-128	Smelting & Refining	206	348	-142
Materials	52	19	33	Materials	77	39	38
Others	8	-9	17	Others	5	-14	19
Diff. Adjustment	-17	4	-21	Diff. Adjustment	83	84	-1
Op. income Total	480	595	-115	Recurring Profit	-255	24	-279

<<Explanation of Diff.>>

1. Mineral Resources

JPY100M

	Diff.	Quantity	Price	Exchange	Cost@	Others
Hishikari (Au)	-52	-46	+19	-25	-7	+7
Pogo (Au)	+8	-2	+15	-4	-4	+3
Morenci/NP (Cu)	+23					
Others	+5					
Op. income Total	-16					

Au Sales (t)	16/1-3Q	15/1-3Q	Diff.
Hishikari	4.5	5.7	-1.2
Pogo(100%)	6.3	6.6	-0.3

2. Smelting & Refining

JPY100M

	Diff.	Quantity	Price	Cost@	Inventory	Others
Copper	-80	+15	-20	+5	+6	-86
Nickel	-21	-4	-80	+5	+35	-23
Others	-27					-27
Op. income Total	-128	+11	-100	+56	+4	-136

*Inventory evaluation P&L

JPY100M

	Total	Cu	Ni	Others
16/1-3Q	-46	-43	-3	0
15/1-3Q	-87	-49	-38	0

Comparison

(2016/1-3Q Result vs 2015/1-3Q Result)

3. Materials

【Net Sales, by products】

JPY100M

	16/1-3Q ①	15/1-3Q ②	Diff. ①-②
Advanced Materials Film materials/Crystals/Battery/Magnet/Alloy/Ink	588	577	11
Semiconductor Materials Leadframes/CuPI/PWB/Connector	435	472	-37
Energy, Catalysts, Construction materials, Others	238	244	-6
Total	1,261	1,293	-32

Equity in earnings of affiliated companies

JPY100M

		16/1-3Q ①	15/1-3Q ②	Diff. ①-②
Cu	Cerro Verde	44	11	33
	Candelaria/Ojos	21	38	-17
	Sierra Gorda	-963	-763	-200
	Acids/Jinlong/MSMMBC	17	9	8
	Total	-881	-705	-176
Ni	PT Vale Indonesia/Figesbal/NAC	4	32	-28
	NECC/NK/MSZ/SHCP/others	24	20	4
	Total	-853	-653	-200
Segment	Mineral Resources	-898	-714	-184
	Smelting & Refining	21	42	-21
	Materials/Others	24	19	5
	Total	-853	-653	-200

Remark) "Sierra Gorda" includes impairment loss in 3Q -799.

(-725 on net profit, excluding minority interests in income)

Comparison

(FY2016 Forecast in Feb. vs Forecast in Nov.)

JPY100M

Operating income				Segment Profit			
	FCST in Feb.	FCST in Nov.	Diff.		FCST in Feb.	FCST in Nov.	Diff.
	①	②	①-②		③	④	③-④
Mineral Resources	380	340	+40	Mineral Resources	-540	190	-730
Smelting & Refining	300	80	+220	Smelting & Refining	350	110	+240
Materials	70	70	0	Materials	110	100	+10
Others	10	10	0	Others	-10	-10	0
Diff. Adjustment	0	-20	+20	Diff. Adjustment	100	-60	+160
Op. income Total	760	480	+280	Recurring Profit	10	330	-320

<<Explanation of Diff.>>

1. Mineral Resources

JPY100M

	Diff.	Quantity	Price	Exchange	Cost@	Others
Hishikari (Au)	+9	0	-7	+14	0	+2
Pogo (Au)	+1	0	-2	+1	+2	0
Morenci/NP (Cu)	+30					
Others	0					
Op. income Total	+40					

Au Sales (t)	FCST in Feb.	FCST in Nov.	Diff.
Hishikari	6.0	6.0	0.0
Pogo(100%)	8.4	8.4	0.0

2. Smelting & Refining

JPY100M

	Diff.	Quantity	Price	Cost@	Inventory	Others
Copper	+140	+1	+5	+2	+101	+31
Nickel	+77	+1	+47	+3	+12	+14
Others	+3					+3
Op. income Total	+220	+2	+52	+5	+113	+48

*Inventory evaluation P&L

JPY100M

	Total	Cu	Ni
FCST in Feb.	-13	-23	+10
FCST in Nov.	-126	-124	-2

Comparison

(FY2016 Forecast in Feb. vs Forecast in Nov.)

3. Materials

【Net Sales, by products】

JPY100M

	FCST in Feb. ①	FCST in Nov. ②	Diff. ①-②
Advanced Materials Film materials/Crystals/Battery/Magnet/Alloy/Ink	850	900	-50
Semiconductor Materials Leadframes/CuPI/PWB/Connector	580	580	0
Energy, Catalysts, Construction materials, Others	320	270	+50
Total	1,750	1,750	0

Equity in earnings of affiliated companies

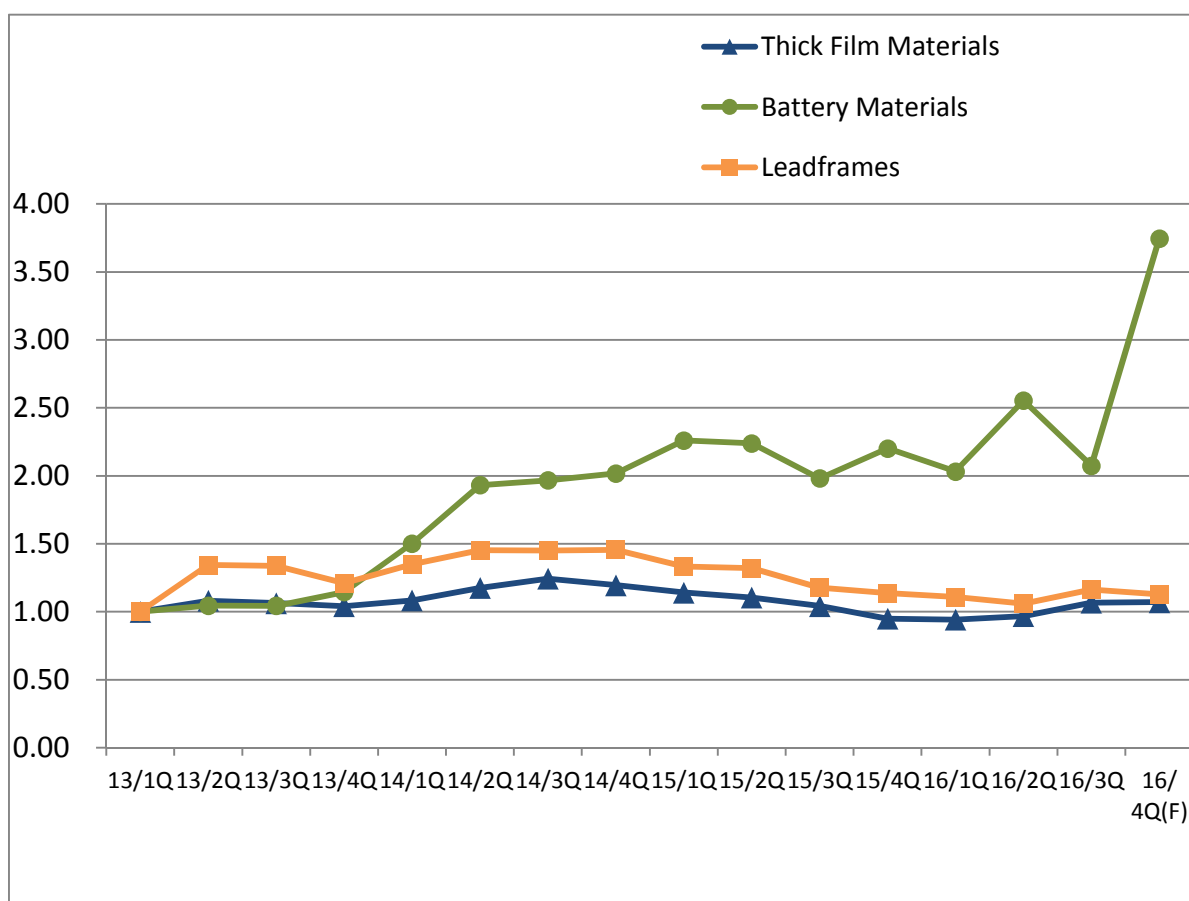
JPY100M

		FCST in Feb. ①	FCST in Nov. ②	Diff. ①-②
Cu	Cerro Verde	70	60	+10
	Candelaria/Ojos	25	15	+10
	Sierra Gorda	-1,030	-240	-790
	Acids/Jinlong/MSMMBC	25	15	+10
	Total	-910	-150	-760
Ni	PT Vale Indonesia/Figesbal/NAC	10	0	+10
	NECC/NK/MSZ/SHCP/others	30	25	+5
Total		-870	-125	-745
Segment	Mineral Resources	-935	-165	-770
	Smelting & Refining	35	15	+20
	Materials/Others	30	25	+5
Total		-870	-125	-745

Sales trend of Semiconductor Materials and Advanced Materials

(Index: 2013/1Q=1.00)

	FY2013				FY2014				FY2015				FY2016			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q (F)
Thick Film Materials	1.00	1.08	1.06	1.04	1.08	1.18	1.24	1.20	1.14	1.10	1.54	0.95	0.94	0.97	1.07	1.07
Battery Materials	1.00	1.04	1.04	1.15	1.50	1.93	1.97	2.02	2.26	2.24	2.97	2.20	2.03	2.55	2.07	3.75
Leadframes	1.00	1.34	1.34	1.21	1.35	1.45	1.45	1.46	1.33	1.32	1.18	1.14	1.11	1.06	1.16	1.13



Production/Sales trend of Mineral Resources / Smelting & Refining Segment

		FY2014					FY2015					FY2016					FCST in Nov	
		Result					Result					Result			Forecast			
		1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	4Q	Total		Total
【Gold Mine】 (t)																		
Hishikari	Production	1.4	2.0	1.5	2.0	6.9	2.0	1.9	1.4	1.6	6.9	1.8	1.2	1.4	1.6	6.0	6.0	
	Sales	1.6	1.8	1.5	1.6	6.5	2.2	1.9	1.6	1.8	7.5	1.9	1.3	1.3	1.5	6.0	6.0	
Pogo	Production	2.5	2.6	2.9	2.6	10.6	2.1	2.1	2.3	2.3	8.8	2.1	2.1	1.9	2.3	8.4	8.4	
	Sales	2.2	2.8	2.8	2.6	10.4	2.5	2.0	2.1	2.4	9.0	2.2	2.2	1.9	2.1	8.4	8.4	
【Copper Mine】 (kt)																		
Morenci	Production	79	82	96	110	367	109	119	124	131	483	124	125	127	120	496	497	
	Sales	84	81	88	114	367	84	143	131	132	490	101	133	140	134	508	506	
Cerro Verde	Production	61	56	53	57	227	49	47	56	95	247	123	126	120	133	502	493	
	Sales	56	62	54	55	227	50	44	58	95	247	116	122	123	140	501	493	
Sierra Gorda	Production			1	10	11	18	22	23	23	86	27	22	21	24	94	92	
	Sales			0	7	7	19	15	26	27	87	23	21	25	26	95	93	
La Candelaria	Production	34	31	30	40	135	42	39	37	32	150	34	29	31	41	135	134	
	Sales	37	30	24	43	134	45	38	36	32	151	35	29	37	33	134	134	
Ojos Del Salado	Production	6	6	5	5	22	6	6	7	6	25	6	7	7	5	25	27	
	Sales	6	6	4	6	22	6	6	8	5	25	6	7	7	5	25	27	
North Parkes	Production	14	14	14	15	57	13	13	12	14	52	13	11	11	11	46	49	
	Sales	10	17	10	17	54	10	14	13	13	50	13	9	13	10	45	46	
Batu Hijau	Production	22	16	3	32	73	51	59	69	53	232	51	52	61			205	
	Sales	9	9	11	43	72	50	52	63	51	216	64	42	51			213	
【Smelting & Refining in Japan】 (kt)																		
E-Cu	Production	112.5	101.4	111.4	103.5	428.7	103.0	102.8	107.0	107.1	419.9	111.9	115.3	113.0	110.7	450.9	451.2	
	Sales	110.7	118.0	110.2	105.4	444.3	116.3	108.6	112.2	111.0	448.1	112.1	118.4	117.6	109.9	458.0	457.2	
E-Ni	Production	13.2	14.6	13.8	15.6	57.2	15.4	16.4	16.8	17.0	65.5	15.5	16.1	14.4	15.6	61.6	62.8	
	Sales	13.9	13.8	13.9	16.3	58.0	15.8	16.5	16.2	17.3	65.8	16.3	16.8	14.0	15.5	62.6	61.9	
FeNi	Production	4.7	6.3	6.1	6.2	23.3	5.4	5.3	5.4	4.3	20.5	3.6	3.0	4.2	3.3	14.1	14.0	
	Sales	3.8	5.4	6.3	6.4	21.9	5.2	5.3	5.8	4.1	20.3	3.5	3.6	4.2	3.9	15.2	15.0	
【Smelting & Refining overseas】 (kt)																		
CBNC MS (Ni content)	Production	6.4	5.6	6.5	5.5	24.0	6.4	5.2	6.5	5.5	5.8	23.6	5.6	5.5	4.9	5.7	21.7	20.1
	Sales	6.4	5.6	6.3	5.8	24.1	5.6	6.2	6.3	5.8	5.5	23.9	5.5	4.0	5.7	5.7	20.9	20.4
THPAL MS (Ni content)	Production	5.2	6.6	5.8	8.7	26.3	7.8	5.7	5.9	8.7	6.9	28.1	4.1	7.1	9.2	7.7	28.1	28.1
	Sales	5.7	6.1	6.6	7.5	25.9	8.7	6.4	5.9	8.5	6.8	29.5	3.9	7.8	9.1	7.1	27.9	26.7
PT Vale Matte (Ni content)	Production	19.6	19.7	18.8	20.6	78.7	17.8	18.9	22.2	22.2	81.1	16.9	19.4	21.0	21.6	78.9	80.0	
	Sales	19.4	19.7	19.8	20.6	79.5	18.0	19.0	22.8	23.1	82.9	16.4	20.2	21.4	19.6	77.6	-	

※In FY2015, financial results of CBNC and THPAL covers 15 months.

Sensitivity

JPY100M / Year

	Change	Profit Up · Down Operating / Recurring Profit
Cu	±100 \$/t	14/28
Ni	±10 ¢ /lb	16/18
Au	±10 \$/Toz	5/5
¥ / \$	± 1 ¥/\$	7/5

(Remark)

USD/JPY translation include RC-related and
Conversion rate of overseas consolidated / equity-method affiliate
companies' profit

Financial Position

【Shareholder's Equity Ratio】

JPY100M

End of FY	FY2012	FY2013	FY2014	FY2015	2016/3Q	15 3-Yr 2018
Net assets	13,512	15,724	17,402	16,308	16,174	19,310
Shareholder's equity	7,693	9,132	10,512	9,829	8,855	12,540
Shareholder's Equity Ratio	56.9%	58.1%	60.4%	60.3%	54.8%	65.0%

【D/E Ratio】

JPY100M

End of FY	FY2012	FY2013	FY2014	FY2015	2016/3Q	15 3-Yr 2018
Interest-bearing debt	3,300	3,836	3,941	4,006	4,923	4,130
Shareholder's equity	7,693	9,132	10,512	9,829	8,855	12,540
D/E ratio	0.43	0.42	0.37	0.41	0.56	0.33

【Dividend payout ratio】

	FY2012	FY2013	FY2014	FY2015	FY2016 (FCST in Feb.)	15 3-Yr 2018
Dividend / share (JPY)	34.0	37.0	48.0	31.0	11.0	-
Net Income / share (JPY)	155.58	145.35	165.11	-0.56	-27.19	-
Dividend payout ratio	21.9%	25.5%	29.1%	-	-	30%+

Consolidated companies (68) / Equity-method affiliated companies (16)

at December 31, 2016

Mineral Resources

	Voting Shares	Location	Operations
Consolidated companies			
Sumiko Resources Exploration & Development Co., Ltd	100	Japan	Geological survey of resources; Test boring
Sumitomo Metal Mining America Inc.	100	USA	Exploration; Management of mining subsidiaries in USA.
Sumitomo Metal Mining Arizona Inc.	80	USA	Mining and related operations
SMM Morenci Inc.	100	USA	Mining and related operations
SMMA Candelaria Inc.	100	USA	Investment in local company in Chile operating Candelaria Mine
Sumitomo Metal Mining Canada Ltd.	100	Canada	Exploration, Consulting
Sumitomo Metal Mining Oceania Pty. Ltd.	100	Australia	Resource surveys, mine development and related operations in Oceania
Sumitomo Metal Mining Pogo LLC	100	USA	Investment in Pogo Mine
SMM Resources Inc.	100	Canada	Mineral Resources Business
SMM Cerro Verde Netherlands B.V.	80	Netherlands	Investments in local Peruvian companies engaged in the Cerro Verde Mine operation
SMM Exploration Corporation	100	USA	Mineral Resources Business
SMM Solomon Limited	100	Solomon Islands	Exploration in Solomon Islands
Sumitomo Metal Mining Peru S.A	100	Peru	Exploration in South America
Sumitomo Metal Mining Chile LTDA.	100	Chile	Exploration in South America
Sumiko Solomon Exploration Co., Ltd.	70	Japan	Exploration in Solomon Islands
SUMAC MINES LTD.	100	Canada	Exploration
Stone Boy Inc.	80	USA	Exploration
SMM Sierra Gorda Inversiones Ltda.	70	Chile	Investment in Sierra Gorda Project
SMM-SG Holding Inversiones Ltda.	100	Chile	Investment in Sierra Gorda Project
Sumitomo Metal Mining do Brasil LTDA.	100	Brazil	Exploration in Brazil
Equity-method affiliated companies			
Sociedad Minera Cerro Verde S.A.A	21	Peru	Cerro Verde Mine
Compania Contractual Minera Candelaria	20	Chile	Candelaria Mine
Compania Contractual Minera Ojos del Salado	20	Chile	Ojos del Salade Mine
Sierra Gorda SCM	45	Chile	Sierra Gorda Mine
Cordillera Exploration Co., Inc.	25	Philippines	Exploration in Philippines

Smelting & Refining

	Voting Shares	Location	Operations
Consolidated companies			
Hyuga Smelting Co., Ltd	60	Japan	Ferro-nickel smelting
Shisaka Smelting Co., Ltd.	100	Japan	Manufacture of crude zinc oxide
Sumiko Logistics Co., Ltd.	100	Japan	Maritime trading; Harbor transportation and services; Land Transportation
SUMIC Nickel Netherlands b.v.	52	Netherlands	Investment in nickel and cobalt development businesses; Sale of nickel and cobalt
Coral Bay Nickel Corporation	54	Philippines	Manufacture of nickel and cobalt
Taganito HPAL Nickel Corporation	75	Philippines	Manufacture of nickel and cobalt
Sumitomo Metal Mining Philippine Holdings Corporation	100	Philippines	Regional headquarters for the nickel business
Sumitomo Metal Mining Management (Shanghai) Co., Ltd.	100	China	Sales of SMM and SMM group company products in China, Provision of management business service for Chinese group companies, Business consulting
Sumitomo Metal Mining Management (Hong Kong) Co., Ltd.	100	China	Sales of SMM and SMM group company products in China
Taihei Metal Industry Co., Ltd.	97	Japan	Manufacture of heat-, corrosion- and friction-resistant steel castings and precision castings
Equity-method affiliated companies			
Jinlong Copper Co., Ltd.	27	China	Manufacture and sale of electrolytic copper and sulfuric acid
Acids Co., Ltd.	50	Japan	Manufacture and sale of sulfuric acid and related products
PT Vale Indonesia Tbk	20	Indonesia	Nickel ore mining; Nickel smelting
Nickel Asia Corporation	25	Philippines	Nickel ore mining
FIGESBAL	26	New Caledonia	Nickel ore mining; Harbor transportation
MS Zinc Co., Ltd.	50	Japan	Manufacture and sale of zinc and related operations
Mitsui Sumitomo Metal Mining Brass & Copper Co., Ltd	50	Japan	Manufacture and sale of copper and brass products and processed copper and brass products

Materials

	Voting Shares	Location	Operations
Consolidated companies			
SH Materials Co., Ltd.	51	Japan	Manufacture and sale of leadframes
Okuchi Electronics Co., Ltd.	100	Japan	Recovery and recycling of non-ferrous metals /Manufacture of functional inks
Okuchi Materials Co., Ltd.	100	Japan	Manufacture of leadframes
Niihama Electronics Co., Ltd.	100	Japan	Manufacture of flexible circuit materials
Niihama Materials Co., Ltd.	100	Japan	Manufacture of leadframes
SH Precision Co., Ltd.	100	Japan	Manufacture of leadframes
Shinko Co., Ltd.	97	Japan	Design, manufacture, and sale of printed circuit boards
SH Asia Pacific Pte. Ltd.	100	Singapore	Regional headquarters for international lead frame operations
Sumiko Tape Materials Singapore Pte.Ltd.	100	Singapore	Regional headquarters for international tape materials operations
Malaysian SH Electronics Sdn.Bhd.	100	Malaysia	Manufacture and sale of leadframes
Malaysian SH Precision Sdn.Bhd.	100	Malaysia	Manufacture and sale of leadframes
SH Electronics Taiwan Co., Ltd.	70	Taiwan	Manufacture and sale of leadframes
Taiwan Sumiko Materials Co., Ltd	100	Taiwan	Manufacture of thin film materials
Sumiko Leadframe Chengdu Co., Ltd.	70	China	Manufacture and sale of leadframes
Sumiko Precision Chengdu Co., Ltd	70	China	Manufacture of leadframes
Sumiko Electronics Suzhou Co., Ltd.	100	China	Manufacture and sale of leadframes
SH Electronics Suzhou Co., Ltd.	100	China	Manufacture of leadframes
SumikoTec Co., Ltd.	100	Japan	Terminals and connectors for electronic and electric equipment/Components, electric wire, power cords and pressure bonding machines relating to the above and their maintenance/Manufacture and sale of formed products for optical equipment, etc.
Sumiko Tec (Dongguan) Co.,Ltd.	100	China	Sales, quality service and export management service of terminals, connectors and electronic circuit board, also related jig for these products.
Nittosha Co., Ltd.	100	Japan	Plating of metal products, surface treatment processing and distribution / Electromagnetic shielding processing to electronics resin products through a dry plating method
Sumiko Kunitomi Denshi Co., Ltd.	100	Japan	Manufacture of crystal products and magnetic materials
Sumiko Energy Materials Co., Ltd.	100	Japan	Manufacture of Battery Materials
Shanghai Sumiko Electronic Paste Co., Ltd.	69	China	Manufacture and sale of thick-film paste
Dongguan Sumiko Electronic Paste Co., Ltd.	85	China	Manufacture and sale of thick-film paste
SMM KOREA Co., Ltd..	100	Korea	Sales support for advanced materials and business operations
SMM Precision Co., Ltd.	100	Japan	Manufacture and sale of optical communications components
Sumico Lubricant Co., Ltd.	100	Japan	Manufacture and sale of various lubricants
Sumico Lubricant Trading (Shanghai) Co., Ltd.	100	China	Sale of various lubricants
Sumitomo Metal Mining Siporex Co., Ltd.	100	Japan	Manufacture and sale of ALC (Autoclaved Lightweight aerated Concrete) and other construction materials
Equity-method affiliated company			
N. E. Chemcat Corporation	50	Japan	Manufacture of precious metal catalysts; Recovery and refining of precious metals
Nippon Ketjen Co., Ltd.	50	Japan	Manufacture and sale of desulphurization catalysts for petroleum processing
Granopt Ltd.	50	Japan	Manufacture and sale of rare earth iron garnet (RIG)

Others

	Voting Shares	Location	Operations
Consolidated companies			
Sumiko Techno-Research Co., Ltd.	100	Japan	Environmental measurement verification operations such as water quality, air, soil, noise and vibration, etc. Data collection, adjustment and product evolution as well as technological development
Sumiko Technical Service Co., Ltd	100	Japan	Commission-based work in area of nonferrous smelting/ Personnel agency business
Sumitomo Metal Mining Engineering Co., Ltd.	100	Japan	Environment sector machinery & equipment, Plant surveys, etc. design, manufacturing and repair & maintenance
Sumiko Plantech Co., Ltd.	100	Japan	Manufacture of machinery & equipment and repair work for nonferrous metal smelting and chemical plants, etc. / Installation of machinery & equipment and piping work / Steel structure work
JCO Co., Ltd.	100	Japan	Management of facilities using uranium and related wastes
Igeta Heim Co., Ltd.	100	Japan	Construction of steel frame and reinforced concrete apartments and condominiums
Japan Irradiation Service Co., Ltd.	100	Japan	Irradiation sterilization service for pharmaceutical products, medical instruments, and pharmaceutical containers, etc. /Modification of various industrial materials
SMM Holland B.V.	100	Netherlands	Investment in nickel and cobalt development businesses