

Supplementary Explanation for Financial Summary

1st Quarter FY2019 【IFRS】

August 8th, 2019



SUMITOMO METAL MINING CO., LTD.

The materials provided herein are not intended as disclosure under the Securities Law, and no warranty is made as to their completeness or accuracy. Any projections included in these materials are based solely on information available at the time of this briefing, and are subject to change based on market conditions, competitive conditions, and a number of other factors. Therefore, we ask that you refrain from making any investment decisions based on these materials alone. The Company cannot be held responsible in any way for any losses that may occur as a result of the use of these materials.

All copyrights, trademarks, and intellectual property rights attaching to the materials herein are the sole property of Sumitomo Metal Mining Co., Ltd..

Comparison

FY2019/1Q Result vs FY2018/1Q Result

JPY100M

	2019/1Q ①Result	2018/1Q ②Result	Diff. ①-②
Net sales	2,070	2,420	-350
Gross profit	230	401	-171
Profit before tax	179	379	-200
Net income *1	143	289	-146
(Inventory evaluation P&L)	-26	-4	-22
(Other exchange gain / loss *2)	-2	21	-23
Cu (\$/t)	6,114	6,872	-758
Ni (\$/lb)	5.56	6.56	-1.00
Au (\$/toz)	1,310	1,307	+3
Co (\$/lb)	15.22	42.45	-27.23
Exchange (¥/\$)	109.91	109.08	+0.83

Exchange	19/6E	19/3E	18/12E	18/9E	18/6E
(¥/\$)	107.75	111.00	111.02	113.58	110.45

【Diff. of FY2019/1Q Result vs FY2018/1Q Result ①-②】

Profit before tax -200

Metal Price/ Exchange -129 (Metal Price -115 (Cu -7, Ni -50, Co -58 etc.), Exchange +8, Inventory evaluation -22), Quantity -24, Other exchange gain & loss -23, Cost@ +12, Material Business -59, others

New and Old Forecast of FY2019/1H (in Aug. vs in May)

JPY100M

	FY2019/1Q Result	FY2019/2Q Forecast(in Aug.)	FY2019/1H ①Forecast(in Aug.)	FY2019/1H ②Forecast(in May)	Diff. ①-②
Net sales	2,070	2,140	4,210	4,300	-90
Gross profit	230	300	530	630	-100
Profit before tax	179	141	320	370	-50
Net income *1	143	107	250	310	-60
(Inventory evaluation P&L)	-26	-20	-46	-48	+2
(Other exchange gain / loss *2)	-2	3	1	0	+1
Cu (\$/t)	6,114	6,100	6,107	6,300	-193
Ni (\$/lb)	5.56	6.25	5.91	6.00	-0.10
Au (\$/toz)	1,310	1,375	1,342	1,275	+67
Co (\$/lb)	15.22	13.00	14.11	18.00	-3.89
Exchange (¥/\$)	109.91	108.00	108.96	110.00	-1.05

【Diff. of FY2019/1H Forecast in Aug. vs Forecast in May ①-②】

Profit before tax -50

Metal Price/ Exchange -96 (Metal Price -95 (Cu-45, Ni-42, Co -14), Exchange -3, Inventory evaluation +2), Quantity -10, By-product credit +20, Other exchange gain & loss +1, Cost@ +4, Material Business -10, others

*1 Net income (loss) : Profit (loss) attributable to owners of parent

*2 Other exchange gain / loss: Exchange gain or loss included in Finance income (or cost) and Other income (or expenses).

Metal price and Exchange rate

	Copper (\$/t)			Copper (¢/lb)			Nickel (\$/lb)		
	FY2017	FY2018	FY2019	FY2017	FY2018	FY2019	FY2017	FY2018	FY2019
Apr	5,698	6,839	6,445	258	310	292	4.39	6.32	5.81
May	5,592	6,822	6,028	254	309	273	4.15	6.51	5.44
Jun	5,699	6,955	5,868	259	316	266	4.05	6.85	5.43
1QAve.	5,663	6,872	6,114	257	312	277	4.20	6.56	5.56
Jul	5,979	6,248		271	283		4.30	6.25	
Aug	6,478	6,040		294	274		4.92	6.09	
Sep	6,583	6,020		299	273		5.10	5.68	
2QAve.	6,347	6,103		288	277		4.77	6.01	
Oct	6,797	6,216		308	282		5.14	5.59	
Nov	6,826	6,193		310	281		5.44	5.10	
Dec	6,801	6,094		309	276		5.18	4.92	
3QAve.	6,808	6,168		309	280		5.25	5.20	
Jan	7,080	5,932		321	269		5.84	5.20	
Feb	7,002	6,278		318	285		6.16	5.74	
Mar	6,796	6,451		308	293		6.08	5.92	
4QAve.	6,959	6,220		316	282		6.03	5.62	
FY Ave.	6,444	6,341		292	288		5.06	5.85	
Jan-Dec Ave.	6,163	6,525		280	296		4.72	5.95	
FY2019/2Q(FCST in Aug.)			6,100			277			6.25
FY2019(FCST in May)			6,300			286			6.00

	Cobalt (\$/lb)(Standard-Low)			Gold (\$/toz)			Exchange (¥/US\$)		
	FY2017	FY2018	FY2019	FY2017	FY2018	FY2019	FY2017	FY2018	FY2019
Apr	24.82	43.45	15.36	1,266	1,335	1,287	110.13	107.45	111.73
May	24.28	43.03	16.07	1,245	1,303	1,284	112.26	109.76	109.87
Jun	26.33	40.86	14.23	1,261	1,282	1,359	110.94	110.01	108.12
1QAve.	25.14	42.45	15.22	1,257	1,307	1,310	111.11	109.08	109.91
Jul	27.68	37.06		1,236	1,238		112.44	111.39	
Aug	28.18	33.51		1,282	1,202		109.94	111.09	
Sep	28.60	33.38		1,316	1,199		110.76	111.92	
2QAve.	28.15	34.65		1,278	1,213		111.05	111.47	
Oct	29.32	33.50		1,280	1,215		112.96	112.83	
Nov	29.94	33.13		1,283	1,221		112.96	113.38	
Dec	33.52	28.43		1,264	1,249		113.03	112.53	
3QAve.	30.93	31.69		1,276	1,228		112.98	112.91	
Jan	36.26	22.31		1,332	1,292		110.87	108.99	
Feb	37.84	16.97		1,333	1,320		107.97	110.39	
Mar	40.86	14.04		1,325	1,302		106.08	111.24	
4QAve.	38.32	17.77		1,330	1,304		108.31	110.21	
FY Ave.	30.64	31.64		1,285	1,263		110.86	110.92	
Jan-Dec Ave.	25.87	36.78		1,258	1,269		112.20	110.44	
FY2019/2Q(FCST in Aug.)			13.00			1,375			108.00
FY2019(FCST in May)			18.00			1,275			110.00

LME Price		19/1Q		19/2Q (F)
E-Ni applied	Mar-May	5.72	Jun-Aug	5.98
Fe-Ni applied	Jan-Mar	5.62	Apr-Jun	5.56

Exchange		19/1Q		19/2Q (F)
E-Ni applied	Mar-May	110.95	Jun-Aug	108.04
Fe-Ni applied	Jan-Mar	110.21	Apr-Jun	109.91

Comparison

(2019/1Q Result vs 2018/1Q Result)

JPY100M				JPY100M			
Gross Profit				Segment Profit (loss)			
	2019/1Q ①	2018/1Q ②	Diff. ①-②		2019/1Q ③	2018/1Q ④	Diff. ③-④
Mineral Resources	96	158	-62	Mineral Resources	119	152	-33
Smelting & Refining	87	189	-102	Smelting & Refining	57	163	-106
Materials	47	99	-52	Materials	7	66	-59
Others	3	5	-2	Others	0	-1	+1
Diff. Adjustment	-3	-50	+47	Diff. Adjustment	-4	-1	-3
Gross Profit	230	401	-171	Profit before tax	179	379	-200

<<Explanation of Diff.>>

1. Mineral Resources

JPY100M

	Diff.	Quantity	Price	Exchange	Cost@	Others
Hishikari (Au)	-9	-8	0	0	-1	0
Pogo (Au)	-11	0	0	0	0	-11
Morenci/NP (Cu)	-42	-6	-19	+1	-16	-2
Others	0					
Total	-62					

Au Sales (t)	2019/1Q	2018/1Q	Diff.
Hishikari	1.3	1.5	-0.2
Pogo(100%)		1.9	-1.9

...*Pogo is consolidated until August 2018.

2. Smelting & Refining

JPY100M

	Diff	Quantity	Price	Cost@	Inventory	Others
Copper	-9	-4	-7	-2	-6	+10
Nickel	-124	-3	-106	+5	-15	-5
Others*	+31				-1	+32
Total	-102	-7	-113	+3	-22	+37

*Others consists mainly the eliminations of transactions within the segment.

• Inventory evaluation P&L

	Total	Cu	Ni	Others
2019/1Q	-26	-25	-1	0
2018/1Q	-4	-19	14	1

Comparison

(2019/1Q Result vs 2018/1Q Result)

3. Materials

【Net Sales, by products】

JPY100M

	2019/1Q ①	2018/1Q ②	Diff. ①-②
Battery Materials (NCA, Nickel Hydroxide, etc.)	272	275	-3
Applied Powder Materials (Thick Film, Thin Film, Magnet, Alloy, Ink, etc.)	68	84	-16
Package Materials (Leadframes, CuPI, PWB, etc.)	42	43	-1
Crystal Material, Construction Materials, Connector, Others	127	140	-13
Total	509	542	-33

Share of profit (loss) of investments accounted for using equity method

JPY100M

		2019/1Q ①	2018/1Q ②	Diff. ①-②
Cu	Cerro Verde	41	30	+11
	Candelaria/Ojos	8	9	-1
	Sierra Gorda	-14	-21	+7
	Acids/Jinlong/MSMMBC	8	8	0
	Total	43	26	+17
Ni	PT Vale Indonesia/Figesbal/NAC	-4	2	-6
	NECC/NK/MSZ/others	9	8	+1
	Total	48	36	+12
Segment	Mineral Resources	35	18	+17
	Smelting & Refining	4	10	-6
	Materials/Others	9	8	+1
	Total	48	36	+12

Main increase/decrease in Finance income/cost and Other in income/cost

(amount displayed in profit and loss) JPY100M

	2019/1Q ①	2018/1Q ②	Diff. ①-②
Finance income/cost (exchange gain/loss from valuation of financial assets and liabilities)	-19	24	-43
Other income/cost (exchange gain/loss from settlement of other assets and liabilities)	17	-3	+20

Comparison

(FY2019/1H Forecast in Aug. vs Forecast in May)

2019/1H Gross Profit				2019/1H Segment Profit (loss)			
	FCST in Aug.	FCST in May	Diff.		FCST in Aug.	FCST in May	Diff.
	①	②	①-②		③	④	③-④
Mineral Resources	220	210	+10	Mineral Resources	190	160	+30
Smelting & Refining	210	280	-70	Smelting & Refining	140	200	-60
Materials	110	120	-10	Materials	30	40	-10
Others	10	10	0	Others	0	-10	+10
Diff. Adjustment	-20	10	-30	Diff. Adjustment	-40	-20	-20
Gross Profit	530	630	-100	Profit before tax	320	370	-50

<<Explanation of Diff.>>

1. Mineral Resources

JPY100M

	Diff.	Quantity	Price	Exchange	Cost@	Others
Hishikari (Au)	+22	+12	+9	-2	+3	0
Morenci/NP (Cu)	-8	+3	-13	0	-2	+4
Others	-4					
Total	+10					

Au Sales (t)	FCST in Aug.	FCST in May	Diff.
Hishikari	3.4	3.0	0.4

2. Smelting & Refining

JPY100M

	Diff	Quantity	Price	Cost@	Inventory	Others
Copper	-1	-3	-6	+5	-12	+15
Nickel	-63	-19	-52	+2	+14	-8
Others*	-6					-6
Total	-70	-22	-58	+7	+2	+1

*Others consists mainly the eliminations of transactions within the segment.

•Inventory evaluation P&L

JPY100M

	Total	Cu	Ni	Others
FCST in Aug.	-46	-50	4	0
FCST in May	-48	-38	-10	0

Comparison

(FY2019/1H Forecast in Aug. vs Forecast in May)

3. Materials

【Net Sales, by products】

JPY100M

	FCST in Aug. ①	FCST in May ②	Diff. ①-②
Battery Materials (NCA, Nickel Hydroxide, etc.)	570	640	-70
Applied Powder Materials (Thick Film, Thin Film, Magnet, Alloy, Ink, etc.)	140	160	-20
Package Materials (Leadframes, CuPI, PWB, etc.)	80	90	-10
Crystal Material, Construction Materials, Connector, Others	270	270	0
Total	1,060	1,160	-100

Share of profit (loss) of investments accounted for using equity method

JPY100M

		FCST in Aug. ①	FCST in May ②	Diff. ①-②
Cu	Cerro Verde	50	65	-15
	Candelaria/Ojos	10	15	-5
	Sierra Gorda	-50	-60	+10
	Acids/Jinlong/MSMMBC	10	10	0
	Total	20	30	-10
Ni	PT Vale Indonesia/Figesbal/NAC	5	15	-10
	NECC/NK/MSZ/others	10	5	+5
Total		35	50	-15
Segment	Mineral Resources	0	10	-10
	Smelting & Refining	15	25	-10
	Materials/Others	20	15	+5
Total		35	50	-15

Main increase/decrease in Finance income/cost and Other income/cost

(amount displayed in profit and loss)

JPY100M

	FCST in Aug. ①	FCST in May ②	Diff. ①-②
Finance income/cost (exchange gain/loss from valuation of financial assets and liabilities)	-17	0	-17
Other income/cost (exchange gain/loss from settlement of other assets and liabilities)	18	0	+18

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

		FY2017					FY2018					FY2019		
		Results					Results					Results	Forecast	Plan (in May)
		1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	4Q	Total ①	1Q	2Q	
【Gold Mine】 (t)														
Hishikari	Production	1.9	1.2	0.9	2.0	6.0	1.2	1.6	1.3	1.9	6.0	1.6	2.2	6.0
	Sales	2.0	0.9	1.1	2.0	6.0	1.5	1.5	1.4	1.6	6.0	1.3	2.1	6.0
Pogo	Production	2.2	2.2	2.1	1.7	8.2	2.0	1.2			3.2			
	Sales	2.1	2.2	2.3	1.7	8.3	1.9	1.4			3.3			
【Copper Mine】 (kt) ↑ Pogo: included until Aug. 2018														
Morenci	Production	114	118	117	115	464	106	115	107	102	430	105	114	401
	Sales	118	102	134	103	457	107	114	105	112	438	96	114	404
Cerro Verde	Production	119	118	129	116	482	111	118	127	120	476	118	109	482
	Sales	121	111	132	119	483	109	118	127	122	476	116	106	481
Sierra Gorda	Production	26	24	23	24	97	22	23	25	28	97	27	26	104
	Sales	27	24	23	18	92	23	18	25	28	95	26	29	106
La Candelaria	Production	32	44	40	34	150	25	26	26	25	102	24	25	120
	Sales	36	39	46	31	152	27	28	25	24	104	24	25	120
Ojos Del Salado	Production	6	7	7	7	27	6	7	8	8	28	8	7	30
	Sales	6	7	7	7	27	6	7	8	8	28	7	7	29
North Parkes	Production	12	11	10	11	44	11	10	9	10	40	9	9	38
	Sales	11	12	11	10	44	6	14	10	9	40	9	9	38
【Smelting & Refining in Japan】 (kt)														
E-Cu	Production	112.5	111.4	98.2	110.1	432.2	116.0	114.6	113.3	110.3	454.2	100.9	98.5	420.0
	Sales	113.6	115.5	112.3	106.3	447.7	114.2	113.9	124.8	107.8	460.7	108.7	108.1	438.5
E-Ni	Production	14.5	16.4	14.2	15.2	60.3	13.8	14.4	14.2	14.3	56.7	12.0	16.7	62.6
	Sales	14.5	16.9	15.3	14.8	61.5	13.6	13.8	13.8	14.4	55.6	12.8	16.9	62.2
Nickel Sulfate (Product Qty)	Production	16.3	21.2	17.5	18.8	73.8	16.4	17.7	16.2	17.5	67.8	16.9	20.3	78.0
	Sales	16.9	19.6	18.7	19.7	75.0	16.6	17.7	16.6	17.2	68.1	16.9	19.9	78.0
FeNi (Ni content)	Production	3.5	2.8	3.7	3.0	13.0	3.5	2.7	3.8	2.9	12.9	3.6	3.2	13.3
	Sales	3.3	3.6	2.9	3.2	13.0	3.3	3.0	3.3	2.8	12.4	2.9	3.6	13.2
【Smelting & Refining overseas】 (kt)														
CBNC MS (Ni content)	Production	4.4	5.6	4.8	6.1	20.9	4.7	6.0	5.4	5.6	21.7	4.6	5.8	21.5
	Sales	4.8	5.7	4.4	6.4	21.3	4.4	6.2	5.1	5.8	21.5	4.9	5.9	21.5
THPAL MS (Ni content)	Production	9.5	7.0	6.2	6.2	28.9	7.5	5.4	7.5	7.0	27.4	9.1	8.0	36.0
	Sales	7.9	8.6	6.2	5.8	28.5	7.8	5.4	6.4	8.4	28.0	7.6	8.6	36.0
PT Vale Matte (Ni content)	Production	17.2	20.1	20.1	19.4	76.8	17.1	18.9	18.2	20.8	75.0	13.1	17.6	77.5
	Sales	17.5	19.6	20.6	19.9	77.6	17.2	18.8	18.6	21.3	75.9	13.9	17.0	77.5

Sensitivity

JPY100M / Year

	Change	Profit Up · Down of FY2019 Profit before tax
Cu	±100 \$/t	25
Ni	±10 ¢ /lb	18
Au	±10 \$/toz	2
¥/\$	±1 ¥/\$	10

(Note. 1) USD/JPY translation including TC/RC-related and conversion rate of overseas consolidated / equity-method affiliate companies' profit.

(Note. 2) Inventory evaluation is not included.

Financial Position

【Shareholder's Equity Ratio】

JPY100M

End of FY	J-GAAP	
	FY2016	FY2017
Net assets	16,850	16,990
Shareholder's equity	9,617	10,364
Shareholder's Equity Ratio	57.1%	61.0%

IFRS			
FY2017	FY2018	2019/1Q	18 3-Yr 2021
17,323	17,977	17,066	20,900
10,294	10,476	9,907	12,660
59.4%	58.3%	58.1%	60.6%

【D/E Ratio】

JPY100M

End of FY	J-GAAP	
	FY2016	FY2017
Interest-bearing debt	4,955	3,924
Shareholder's equity	9,617	10,364
D/E ratio	0.52	0.38

IFRS			
FY2017	FY2018	2019/1Q	18 3-Yr 2021
3,618	3,498	3,427	4,700
10,294	10,476	9,907	12,660
0.35	0.33	0.35	0.37

【Dividend payout ratio】

JPY100M

	J-GAAP	
	FY2016	FY2017
Dividend / share (JPY)	11.00	100.0
Net Income(loss) / share (JPY)	-33.61	332.42
Dividend payout ratio	-	30.1%

IFRS			
FY2017	FY2018	FY2019 (F)	18 3-Yr 2021
100.0	73.0	82.0	-
(327.26)	243.06	232.91	-
(30.6%)	30.0%	35.2%	35%+

【Cash Flows】

JPY100M

	J-GAAP	
	FY2016	FY2017
Cash and cash equivalents at beginning of period	1,978	1,703
Net cash provided by (used in) operating activities	438	794
Net cash provided by (used in) investing activities	-1,432	-230
Free cash flows	-994	564
Net cash provided by (used in) financing activities	704	-901
Net increase (decrease) in cash and cash equivalents	-290	-337
Effect of exchange rate change on cash and cash equivalents	15	-16
Cash and cash equivalents at end of period	1,703	1,350

IFRS			
FY2017	FY2018	2019/1Q	18 3-Yr Total
1,729	1,373	813	600
786	1,147	257	3,800
-228	-1,424	-68	-4,900
558	-277	189	-1,100
-898	-290	-104	1,200
-340	-567	85	100
-16	7	-13	0
1,373	813	885	700

Consolidated companies (59*) / Equity-method affiliated companies (16)

as of June 30, 2019

Mineral Resources

*Including the money held in trust which is deemed one of consolidated companies.

	Voting Shares	Location	FY (consolidated)	Operations
Consolidated companies				
Sumiko Resources Exploration & Development Co., Ltd.	100	Japan	Mar.	Geological survey of resources; Test boring
Sumitomo Metal Mining America Inc.	100	USA	Dec.	Exploration; Management of mining subsidiaries in USA.
Sumitomo Metal Mining Arizona Inc.	80	USA	Dec.	Mining and related operations
SMM Morenci Inc.	100	USA	Dec.	Mining and related operations
SMMA Candelaria Inc.	100	USA	Dec.	Investment in local company in Chile operating Candelaria Mine
Sumitomo Metal Mining Canada Ltd.	100	Canada	Dec.	Exploration, Consulting
Sumitomo Metal Mining Oceania Pty. Ltd.	100	Australia	Dec.	Resource surveys, mine development and related operations in Oceania
SMM Resources Inc.	100	Canada	Mar.	Mineral Resources Business
SMM Cerro Verde Netherlands B.V.	80	Netherlands	Dec.	Investments in local Peruvian companies engaged in the Cerro Verde Mine operation.
SMM CV Holding B.V.	100	Netherlands	Dec.	Investment in a subsidiary in the Netherlands
SMM Exploration Corporation	100	USA	Dec.	Mineral Resources Business
SMM Solomon Limited	100	Solomon Islands	Dec.	Exploration in Solomon Islands
Sumitomo Metal Mining Peru S.A.	100	Peru	Dec.	Exploration in South America
Sumitomo Metal Mining Chile LTDA.	100	Chile	Dec.	Exploration in South America
Sumiko Solomon Exploration Co., Ltd.	70	Japan	Mar.	Exploration in Solomon Islands
SMM Sierra Gorda Inversiones Ltda.	70	Chile	Dec.	Investment in Sierra Gorda Project
SMM-SG Holding Inversiones Ltda.	100	Chile	Dec.	Investment in Sierra Gorda Project
Sumitomo Metal Mining do Brasil LTDA.	100	Brazil	Dec.	Exploration in Brazil
SMM Gold Cote Inc.	100	Canada	Dec.	Investment in Cote Gold Project
SMMQB Holding SpA	100	Chile	Dec.	Investment in Quebrada Blanca
SMM Quebrada Blanca SpA	83	Chile	Dec.	Investment in Quebrada Blanca
Equity-method affiliated companies				
Sociedad Minera Cerro Verde S.A.A.	21	Peru	Dec.	Cerro Verde Mine
Compania Contractual Minera Candelaria	20	Chile	Dec.	Candelaria Mine
Compania Contractual Minera Ojos del Salado	20	Chile	Dec.	Ojos del Salado Mine
Sierra Gorda S.C.M.	45	Chile	Dec.	Sierra Gorda Mine
Cordillera Exploration Co., Inc.	40	Philippines	Dec.	Exploration in Philippines
Quebrada Blanca Holdings SpA	33	Chile	Dec.	Quebrada Blanca Mine

Smelting & Refining

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

Materials

	Voting Shares	Location	FY (consolidated)	Operations
Consolidated companies				
SH Materials Co., Ltd.	100	Japan	Mar.	Manufacture and sale of leadframes
Ohkuchi Electronics Co., Ltd.	100	Japan	Mar.	Recovery and recycling of non-ferrous metals /Manufacture of functional inks
Niihama Electronics Co., Ltd.	100	Japan	Mar.	Manufacture of flexible circuit materials
Niihama Materials Co., Ltd.	100	Japan	Mar.	Manufacture of leadframes
Shinko Co., Ltd.	99	Japan	Mar.	Design, manufacture, and sale of printed circuit boards
Taiwan Sumiko Materials Co., Ltd.	100	Taiwan	Mar.	Manufacture of thin film materials
Sumiko Tec Co., Ltd.	100	Japan	Mar.	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	Dec.	Sales, quality service and export management service of terminals, connectors and electronic circuit board, also related jig for these products
Sumiko Tec (Thailand) Co., Ltd.	100	Thailand	Dec.	Procurement and Sales of terminals, connectors and components
Nittosha Co., Ltd.	100	Japan	Mar.	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	Mar.	Manufacture of crystal products and magnetic materials
Sumiko Energy Materials Co., Ltd.	100	Japan	Mar.	Manufacture of Battery Materials
Shanghai Sumiko Electronic Paste Co., Ltd.	69	China	Dec.	Manufacture and sale of thick-film paste
Dongguan Sumiko Electronic Paste Co., Ltd.	100	China	Dec.	Manufacture and sale of thick-film paste
SMM KOREA Co., Ltd.	100	Korea	Dec.	Sales support for advanced materials and business operations
SMM Precision Co., Ltd.	100	Japan	Mar.	Manufacture and sale of optical communications components
GRANOPT Co., Ltd.	51	Japan	Mar.	Manufacture and sale of rare earth iron garnet (RIG)
SICOXS CORPORATION	51	Japan	Mar.	Development, Manufacture, Sales, of SiC substrate for power semiconductor
Sumico Lubricant Co., Ltd.	100	Japan	Mar.	Manufacture and sale of various lubricants
Sumico Lubricant Trading (Shanghai) Co., Ltd.	100	China	Dec.	Sale of various lubricants
Sumitomo Metal Mining Siporex Co., Ltd.	100	Japan	Mar.	Manufacture and sale of ALC (Autoclaved Lightweight aerated Concrete) and other construction materials
Equity-method affiliated company				
N. E. Chemcat Corporation	50	Japan	Mar.	Manufacture of precious metal catalysts; Recovery and refining of precious metals
Nippon Ketjen Co., Ltd.	50	Japan	Dec.	Manufacture and sale of desulphurization catalysts for petroleum processing
Ohkuchi Materials Co., Ltd.	51	Japan	Mar.	Manufacture of leadframes

Others

	Voting Shares	Location	FY (consolidated)	Operations
Consolidated companies				
Sumiko Techno-Research Co., Ltd.	100	Japan	Mar.	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	Mar.	Commission-based work in area of nonferrous smelting/ Personnel agency business
Sumitomo Metal Mining Engineering Co., Ltd.	100	Japan	Mar.	Environment sector machinery & equipment, Plant surveys, etc. design, manufacturing and repair & maintenance
JCO Co., Ltd.	100	Japan	Mar.	Management of facilities using uranium and related wastes
Igeta Heim Co., Ltd.	100	Japan	Mar.	Construction of steel frame and reinforced concrete apartments and condominiums
Japan Irradiation Service Co., Ltd.	100	Japan	Mar.	Irradiation sterilization service for pharmaceutical products, medical instruments, and pharmaceutical containers, etc. /Modification of various industrial materials
SMM Holland B.V.	100	Netherlands	Dec.	Investment in nickel and copper development businesses

【Reference】

Quarterly Financial Results

JPY100M

	FY2016 (J-GAAP)					FY2017 (J-GAAP)				
	1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	4Q	Total
Net sales	1,770	1,895	1,980	2,216	7,861	2,145	2,276	2,437	2,477	9,335
Operating income	80	139	261	284	764	218	229	337	318	1,102
①Recurring profit	3	114	-372	239	-16	300	163	447	339	1,249
Net income*	-69	102	-361	143	-185	221	130	299	266	916
Cu (\$/t)	4,730	4,774	5,280	5,834	5,154	5,663	6,347	6,808	6,959	6,444
Ni (\$/lb)	4.00	4.66	4.90	4.66	4.56	4.20	4.77	5.25	6.03	5.06
Au (\$/TOZ)	1,259	1,335	1,219	1,219	1,258	1,257	1,278	1,276	1,330	1,285
Co (\$/lb)	10.54	11.72	13.19	19.24	13.67	25.15	28.15	30.93	38.32	30.64
Exchange (¥/\$)	108.17	102.44	109.33	113.65	108.40	111.11	111.05	112.98	108.31	110.86
Inventory impairment										
(Smelting) Impairment	-6	0	+9	0	+3	-2	-13	+20	-13	-8
(Smelting) QP Diff etc.	-42	-40	+33	+31	-18	-11	-31	+10	-49	-81
(Smelting) Total	-48	-40	+42	+31	-15	-13	-44	+30	-62	-89
(Materials & others)	+3	+2	0	0	+5	0	-27	+28	-9	-8
② Total	-45	-38	+42	+31	-10	-13	-71	+58	-71	-97
① - ②	48	152	-414	208	-6	312	234	389	410	1,345

	FY2017 (IFRS)					FY2018 (IFRS)				
	1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	4Q	Total
Net sales	2,114	2,289	2,447	2,447	9,297	2,420	2,247	2,368	2,087	9,122
Operating income	355	339	451	345	1,490	401	326	325	214	1,266
①Recurring profit	323	159	438	163	1,083	379	353	135	27	894
Net income*	233	74	291	304	902	289	292	88	-1	668
Cu (\$/t)	5,663	6,347	6,808	6,959	6,444	6,872	6,103	6,168	6,220	6,341
Ni (\$/lb)	4.20	4.77	5.25	6.03	5.06	6.56	6.01	5.20	5.47	5.85
Au (\$/TOZ)	1,257	1,278	1,276	1,330	1,285	1,307	1,213	1,228	1,304	1,263
Co (\$/lb)	25.15	28.15	30.93	38.32	30.64	42.45	34.65	31.69	17.77	31.64
Exchange (¥/\$)	111.11	111.05	112.98	108.31	110.86	109.08	111.47	112.91	110.21	110.92
Inventory impairment										
(Smelting) Impairment	+10	-12	+7	-14	-9	+8	-2	-9	+15	+12
(Smelting) QP Diff etc.	-23	-14	+10	-27	-54	-20	0	-9	-50	-79
(Smelting) Total	-13	-26	+17	-41	-63	-12	-2	-18	-35	-67
(Materials & others)	0	-27	+28	-7	-6	-2	0	+5	-16	-13
② Total	-13	-53	+45	-48	-69	-14	-2	-13	-51	-80
① - ②	336	212	393	211	1,152	393	355	148	78	974

【Reference】 Operating income / Segment Profit (loss)

FY2013, "Operating income" shows
"Operating income (before allocation)."

JPY100M

		FY2017 (J-GAAP)					Results (J-GAAP)				
		1Q	2Q	3Q	4Q	Total	2013	2014	2015	2016	2017
Operating income	Mineral Resources	133	101	140	152	526	452	432	338	390	526
	Smelting & Refining	75	97	158	135	465	306	718	228	282	465
	Materials	30	14	38	32	114	108	82	29	79	114
	Others	2	2	4	2	10	17	10	0	12	10
Diff. Adjustment		-22	15	-3	-3	-13	-129	16	2	1	-13
Operating income Total		218	229	337	318	1,102	754	1,258	597	764	1,102

JPY100M

		FY2017 (IFRS)					FY2018 (IFRS)				
		1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	4Q	Total
Gross Profit (loss)	Mineral Resources	172	123	178	184	657	158	146	107	108	519
	Smelting & Refining	115	129	183	176	603	189	125	121	106	541
	Materials	75	58	84	-14	203	99	81	80	11	271
	Others	5	4	6	3	18	5	2	4	4	15
Diff. Adjustment		-12	25	-1	-3	9	-50	-28	13	-15	-80
Gross Profit Total		355	339	450	346	1,490	401	326	325	214	1,266

JPY100M

		FY2017 (IFRS)					FY2018 (IFRS)				
		1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	4Q	Total
Segment Profit (loss)	Mineral Resources	175	6	206	193	580	152	220	-45	38	365
	Smelting & Refining	89	92	157	140	478	163	95	105	46	409
	Materials	48	23	49	-49	71	66	48	44	-20	138
	Others	-2	-2	-5	-65	-74	-1	-6	-3	-10	-20
Diff. Adjustment		13	41	31	-57	28	-1	-4	34	-27	2
Profit before tax in Total		323	160	438	162	1,083	379	353	135	27	894

Equity in earnings of affiliated companies

JPY100M

		FY2017					FY2018				
		1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	4Q	Total
Cu	Cerro Verde	35	-60	46	58	79	30	45	-63	15	27
	Candelaria/Ojos	16	13	32	19	80	9	9	4	-5	17
	Sierra Gorda	-24	-45	-23	-35	-127	-21	-39	-65	-60	-185
	Acids/Jinlong/MSMMBC	10	8	16	5	39	8	7	8	9	32
	Total	37	-84	71	47	71	26	22	-116	-41	-109
Ni	PT Vale Indonesia/Figesbal/NAC	1	3	7	10	21	2	10	18	-2	28
NECC/NK/MSZ/others		11	5	9	6	31	8	9	9	6	32
Total		49	-76	87	63	123	36	41	-89	-37	-49

		Results			
		2015	2016	2017	2018
Cu	Cerro Verde	4	69	79	27
	Candelaria/Ojos	33	25	80	17
	Sierra Gorda	-827	-1,033	-127	-185
	Acids/Jinlong/MSMMBC	-2	26	39	32
	Total	-792	-913	71	-109
Ni	PT Vale Indonesia/Figesbal/NAC/VNC	31	17	21	28
NECC/NK/MSZ/others		29	36	31	32
Total		-732	-860	123	-49