

State Disaggregated Mining and Quarrying Data

(2016)

Report Date: March 2017



NATIONAL BUREAU OF STATISTICS

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Executive Summary

The States Disaggregated Mining and Quarrying Data for 2016 reflected Nigeria produced 43,495,423.12 tons of solid minerals in 2016. Ogun State produced the highest tons of solid minerals among the 36 States and the FCT. The State produced 16,376,547.50 tons of solid minerals representing 37.65% of the total tons of solid minerals produced in the year under review.

Kogi and Cross River States followed closely with 12,739,318.65 and 2,997,678.73 tons of solid minerals produced representing about 29.29% and 6.89% of the total tons of the minerals produced while Borno and Yobe States, both from the North Eastern Zone, produced the least tons of solid minerals with 1,250 and 883.08 tons of minerals produced respectively.

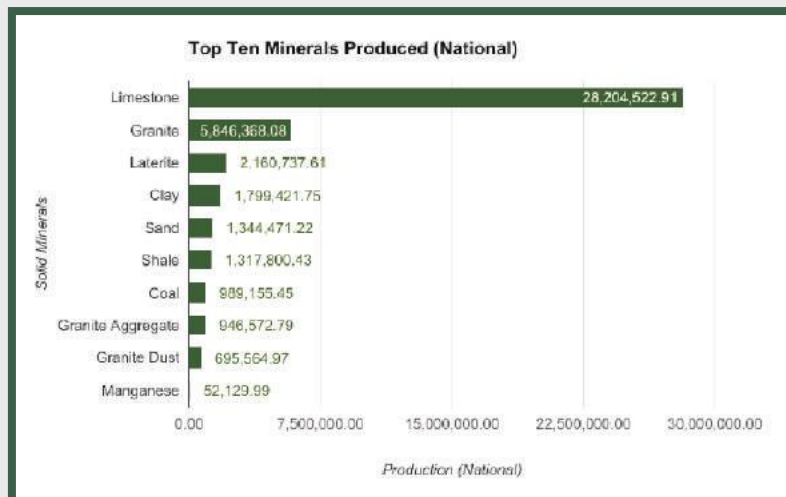
Limestone is the most produced solid minerals in 2016 with 28,204,522.91 tons of limestone produced representing about 64.84% of the total tons of minerals produced. Granite and laterite followed closely with 5,846,368.08 and 2,160,737.61 tons produced representing 13.44% and 4.97% of the total tons of minerals produced in 2016. However, Aquamarine and Beryl Ore are the least produced solid minerals in 2016.

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016



Solid Minerals Production

Solid Minerals	Production (National)
Limestone	28,204,522.91
Laterite	2,160,737.61
Granite	5,846,368.08
Sand	1,344,471.22
Clay	1,799,421.75
Coal	989,155.45
Feldspar	34,143.86
Mica	79.00
Granite Dust	695,564.97
Marble	20,117.52
Tin	1,153.74
Columbite	264.11
Granite Block(m3)	2,356.48
Lead/Zinc	9,657.87
Baryte	537.04
Zircon	0.061
Zircon Sand	891.19
Amethyst	5.17
Talc	666.67
Tin Ore(Cassiterite)	2,288.92
Granite Aggregate	946,572.79
Topaz	5.54
Tourmaline	0.0546
Sapphire	0.002
Wolframite	19,085.30
Gold	0.0230584
Kaolin	24,104.60
Coltan	4.00
Garnet	0.3750
Basalt	1,400.0
Beryl Ore	0.000003
Silica Sand	3,750.09
Quartz	0.0030
Manganese	52,129.99
Tantalite	2,830.22
Aquamarine	0.00004
Dolomite	9,835.00
Bentonite	3,200.00
Iron Ore	1,548.08
Gypsum	720.00
Shale	1,317,800.43
Sand Stone	33.00
TOTAL	43,495,423.12



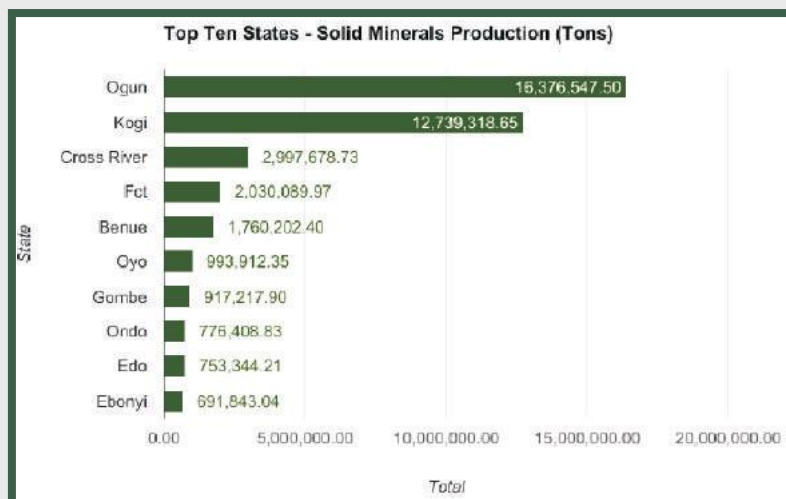
Limestone has the highest production figure among all the solid minerals

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production by States



State	Total
Abia	304,257.67
Adamawa	61,055.02
Akwa-Ibom	90,691.00
Anambra	156,058.35
Bauchi	92,390.29
Bayelsa	50,000.00
Benue	1,760,202.40
Borno	1,250.00
Cross River	2,997,678.73
Delta	132,876.02
Ebonyi	691,843.04
Edo	753,344.21
Ekiti	117,467.58
Enugu	14,833.34
Fct	2,030,089.97
Gombe	917,217.90
Imo	17,808.00
Jigawa	84,406.81
Kaduna	183,314.49
Kano	183,727.91
Katsina	89,591.46
Kebbi	81,001.66
Kogi	12,739,318.65
Kwara	57,443.75
Lagos	548,246.23
Nasarawa	73,260.57
Niger	51,149.80
Ogun	16,376,547.50
Ondo	776,408.83
Osun	117,843.89
Oyo	993,912.35
Plateau	110,795.18
Rivers	44,600.84
Sokoto	627,317.00
Taraba	64,780.39
Yobe	883.08
Zamfara	101,809.19
National Total	43,495,423.12



Ogun State produced the highest tons of Solid Minerals in 2016

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Mineral Production NORTH -CENTRAL ZONE



Benue State

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Lime stone	1,353,679.46
2	Laterite	253,731.56
3	Granite	137,655.08
4	Sand	15,136.30
	TOTAL	1,760,202.40

Kogi State

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Laterite	740,356.03
2	Limestone	9,465,009.24
3	Granite	14,195.68
4	Sand	27,662.50
5	Clay	1,568,195.49
6	Coal	911,764.19
7	Feldspar	12,110.52
8	Mica	25
	TOTAL	12,739,318.65

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Mineral Production NORTH -CENTRAL ZONE



Kwara State

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	42,200.05
2	Granite Dust	800
3	Laterite	4,500.00
4	Sand	7,875.00
5	Marble	2,066.66
6	Tin	1
7	Columbite	1.04
	TOTAL	57,443.75

Nasarawa State

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	21,642.19
2	Granite Dust	9,394.63
3	Granite Block(m3)	1,853.50
4	Sand	6,625.00
5	Laterite	25,590.00
6	Marble	6,466.69
7	Lead/Zinc	167
9	Baryte	472.04
10	Coal	26.67
11	Columbite	131.57
12	Zircon Sand	891.19
13	Amethyst	0.1
	TOTAL	73,260.57

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Mineral Production NORTH -CENTRAL ZONE



Niger State

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	20,322.69
2	Granite Dust	3,025.93
3	Laterite	20,558.80
4	Sand	6,575.70
5	Talc	666.67
6	Gold	0.006061
	TOTAL	51,149.80

Plateau State

S/No	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Tin Ore(Cassiterite)	2,288.92
2	Columbite	1,824.73
3	Lead/Zinc	8,782.20
4	Granite Aggregate	8,961.19
5	Laterite	84,031.05
6	Sand	725
7	Topaz	5.54
8	Tourmaline	0.001
9	Mica	54
10	Limestone	2.77
11	Amethyst	5.07
12	Sapphire	0.002
13	Zircon	0.061
14	Wolframite	5,750.00
15	Gold	0.00002835
16	Kaolin	160
17	Coltan	4
18	Garnet	0.38
19	Barytes	25
	TOTAL	112,619.92

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Mineral Production NORTH -CENTRAL ZONE



FCT Abuja

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	1,330,732.65
2	Granite Dust	633,071.82
3	Laterite	19,065.50
4	Clay	47,220.00
5	Gold	0.002835
	TOTAL	2,030,089.97

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Mineral Production NORTH -EASTERN ZONE



Adamawa State

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	40,246.02
2	Granite Dust	3,873
3	Basalt	1,400
4	Laterite	15,536
	TOTAL	61,055.02

Bauchi State

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite Aggregate	73,280.25
2	Granite Dust	13,782.60
3	Granite Block(m ³)	155.843
4	Sand	1,150
5	Tin	5
6	Laterite	3,350
7	Tourmaline	0.001
8	Kaolin	666.6
	TOTAL	92,390.29

Borno State

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Sand	1,250
	TOTAL	1,250

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Mineral Production NORTH -EASTERN ZONE



Gombe State

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	34,819.63
2	Granite Dust	3,068
3	Laterite	18,200
4	Limestone	778,147
5	Coal	77,364.60
6	Sand	5,250
7	Lead/Zinc	368.67
	TOTAL	917,217.90

Taraba State

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	41,212.49
2	Laterite	17,597.90
3	Sand	5,900
4	Lead/Zinc	30
5	Barite	40
	TOTAL	64,780.39

Yobe State

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Iron Ore	883.08
	TOTAL	883.08

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Mineral Production - NORTH-WESTERN ZONE



Zamfara State

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	77,659.16
2	Laterite	2,484.50
3	Gold	0.00774
4	Wolframite	13,335.30
5	Tantalite	2,830.22
6	sand	5,500
	TOTAL	101809.19

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Mineral Production - NORTH-WESTERN ZONE



Katsina State

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	28,309.32
2	Laterite	45,172.05
3	Silica Sand	3,750.09
4	Sand	11,880
5	Quartz	0.003
6	Kaolin	480
	TOTAL	89,591.46

Kebbi State

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Laterite	21,540
2	Granite	6,666.67
3	Iron Ore	665
4	Manganese	52,129.99
	TOTAL	81,001.66

Sokoto State

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Limestone	623,079
2	Gypsum	720
3	Laterite	3,518
	TOTAL	627,317

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Mineral Production - NORTH-WESTERN ZONE



Jigawa State

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Laterite	40,166.73
2	Granite	41,750.49
3	Granite Dust	2,489.59
	TOTAL	84,406.81

Kaduna State

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	74,095.09
2	Laterite	68,529.52
3	Sand	40,342.75
4	Granite (Block) M ³	347.13
5	Beryl Ore	0.000003
6	Gold	0.0008505
	TOTAL	183,314.49

Kano State

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	107,375.85
2	Laterite	58,050.06
3	Sand	18,302
4	Gold	0.003969
	TOTAL	183,727.91

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Mineral Production - SOUTH -WESTERN ZONE



Ekiti State

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	105,791.66
2	Sand	10,009
3	Feldspar	1,666.67
	TOTAL	117,467.58

Lagos State

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Sand	548,246.23
	TOTAL	548,246.23

Ogun State

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	1,103,133.95
2	Laterite	488,333.46
3	Lime stone	13,338,601.73
4	Shale	1,317,800.43
5	Clay	79,286.26
6	Sand	15,425
7	Kaolin	22,000
8	Feldspar	11,966.67
	TOTAL	16,376,547.50

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Mineral Production - SOUTH -WESTERN ZONE



Ondo State

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	105,791.66
2	Sand	10,009
3	Feldspar	1,666.67
	TOTAL	117,467.58

Osun State

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite Aggregates	655,065.24
2	Sand	112,276.99
3	Laterite	9,066.60
	TOTAL	776,408.83

Oyo State

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	958,283.11
2	Feldspar	8,400
3	Tourmaline	0.0526
4	Laterite	15,165.77
5	Marble	10,784.17
6	Aquamarine	0.00004
7	Tin	1,147.74
8	Columbite	131.5
	TOTAL	993,912.35

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Mineral Production - SOUTH -EASTERN ZONE



Abia State

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	276,354.27
2	Sand	6,250.00
3	Laterite	3,333.40
4	Clay	18,320.00
	TOTAL	304,257.67

Anambra State

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Laterite	13,366.68
2	Sand	142,025.00
3	Granite	666.67
	TOTAL	156,058.35

Ebonyi State

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	691,533.04
2	Lead/Zinc	310
	TOTAL	691,843.04

Enugu State

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Laterite	13,333.34
2	Sand	1,500.00
	TOTAL	14,833.34

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Mineral Production - SOUTH -EASTERN ZONE



Imo State

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Laterite	5,308.00
2	Sand	12,500.00
	TOTAL	17,808.00

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Mineral Production - SOUTH -SOUTH ZONE



Akwa Ibom State

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Laterite	90,691
	TOTAL	90,691

Bayelsa State

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Sand	50,000
	TOTAL	50,000

Cross River State

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	657,291.73
2	Limestone	2,340,387
	TOTAL	2,997,678.73

Delta State

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Sand	103,503
2	Sand Stone	33
3	Laterite	28,895.02
4	Granite	445
	TOTAL	132,876.02

Edo State

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite Aggregates	209,266.11
2	Granite Dust	26,059.40
3	Sand	111,369
4	Limestone	305,616.70
5	Kaolin	798
6	Dolomite	9,835
7	Marble	800
8	Clay	86,400
9	Bentonite	3,200
	TOTAL	753,344.21

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Mineral Production - SOUTH -SOUTH ZONE



Rivers State

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Sand	41,267.50
2	Laterite	3,333.34
	TOTAL	22,300.42

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Abia State



Land Area: 2,440 sq mi

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	276,354.27
2	Sand	6,250.00
3	Laterite	3,333.40
4	Clay	18,320.00
	TOTAL	304,257.67

Abia State produced a total of 304,257.67 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Glass sand, limestone, salt, shale, ball clay, galena, granite, marble, laterite, bentonite, phosphate, kaolin, pyrite, feldspar, petroleum, lignite, gypsum, sphalerite, clay.

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Adamawa State



Land Area: 14, 254 sq mi

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	40,246.02
2	Granite Dust	3,873
3	Basalt	1,400
4	Laterite	15,536
	TOTAL	61,055.02

Adamawa State produced a total of 61,055.02 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Granite, clay, gypsum, limestone, uranium, kaolin, coal, trona, barite, salt, marble, magnesite, laterite.

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Akwa Ibom State



Land Area: 2,734 sq mi

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Laterite	90,691
	TOTAL	90,691

Akwa Ibom State produced a total of 90,691.00 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Clay, glass sand, salt, silica sand, granite, coal, petroleum, natural gas, kaolin, limestone, lignite

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Anambra State



Land Area: 1,870 sq mi

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Laterite	13,366.68
2	Sand	142,025.00
3	Granite	666.67
	TOTAL	156,058.35

Anambra State produced a total of 156,058.35 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Clay, iron stone, natural gas, petroleum, sand stone, kaolin, pyrite, lignite.

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Bauchi State



Land Area: 18,965 sq mi

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite Aggregate	73,280.25
2	Granite Dust	13,782.60
3	Granite Block(m ³)	155.843
4	Sand	1,150
5	Tin	5
6	Laterite	3,350
7	Tourmaline	0.001
8	Kaolin	666.6
	TOTAL	92,390.29

Bauchi State produced a total of 92,309.29 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Kaolin, trona, gypsum, cassiterite, mica, clay, tantalite, galena, iron ore, gemstone, sphalerites, silica sand, barite, columbite, zinc, lead, muscovite, quartz, columbite, tin, glass sand, salt, monazite, feldspar, graphite, wolfram, coal, agate, tantalum, rutile, tungsten, copper, talc, ilmenite, zircon.

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Bayelsa State



Land Area: 8,150 sq mi

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Sand	50,000
	TOTAL	50,000

Bayelsa State produced a total of 50,000.00 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Salt, petroleum, natural gas, silica sand

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Benue State



Land Area: 13,150 sq m

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Lime stone	1,353,679.46
2	Laterite	253,731.56
3	Granite	137,655.08
4	Sand	15,136.30
	TOTAL	1,760,202.40

Benue State produced a total of 1.76m tons of Solid Minerals in 2016

Potential Solid Minerals in State

Bentonite, crude salt, petroleum, limestone, glass sand, Gemstone, barites, feldspar, marble, mica, silica sand, quartz, galena, lead, zinc ore, silica sand, clay, coal, gypsum, kaolin, anhydrite, calcium, sulphate, brick clay, crushed and dimension stone, fluorspar, wolframite, bauxite, shale, magnetite, ilmenite, brenite.

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Borno State



Land Area: 22,316 sq mi

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Sand	1,250
	TOTAL	1,250

Borno State produced a total of 1,250 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Silica sand, natural salt, sapphire, topaz, mica, quartz, gypsum, uranium, iron ore, magnesite, feldspar, granite, aquamarine, nepheline, limestone, kaolin, bentonite, laterite clay, refractory clay, trona, gold, tin, potash.

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Cross River State



Land Area: 7,782 sq mi

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	657,291.73
2	Limestone	2,340,387
	TOTAL	2,997,678.73

Cross River State produced a total of 2,997,678.73 tons of Solid Minerals in

Potential Solid Minerals in State

Salt, limestone, coal, manganese, mica, ilmenite, gold, quartz, glass sand, tourmaline, petroleum, natural gas, kaolin, tin ore, mica, sharp sand, clay, spring water, salt deposits, talc, granite, galena, lead zinc, tin ore, goethite, Muscovite, uranium, barites

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Delta State



Land Area: 6,833 sq mi

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Sand	103,503
2	Sand Stone	33
3	Laterite	28,895.02
4	Granite	445
	TOTAL	132,876.02

Delta State produced a total of 132,876.02 tons of Solid Minerals in 2016

Potential Solid Minerals in State

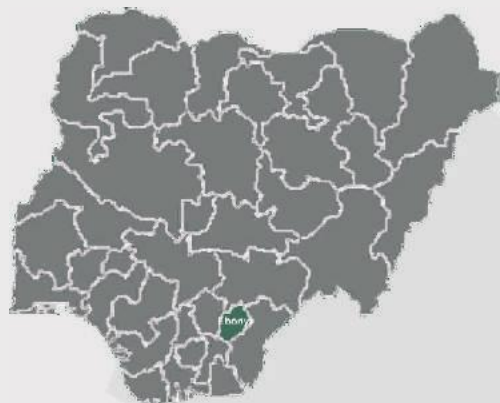
Kaolin, lateritic clay, gravel, silica sand, natural gas, petroleum, ball clay, bauxite, granite, river sand, clay, spring water

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Ebonyi State



Land Area: 2,136 sq mi

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	691,533.04
2	Lead/Zinc	310
	TOTAL	691,843.04

Ebonyi State produced a total of 691,843.04 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Lead/Zinc ore, salt, limestone, ball clay, refractory clay, gypsum, granite.

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Edo State



Land Area: 6,873 sq mi

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite Aggregates	209,266.11
2	Granite Dust	26,059.40
3	Sand	111,369
4	Limestone	305,616.70
5	Kaolin	798
6	Dolomite	9,835
7	Marble	800
8	Clay	86,400
9	Bentonite	3,200
	TOTAL	753,344.21

Edo State produced a total of 753,344.21 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Charnockite, copper, gold, marble, granite, gypsum, petroleum, diorite, lignite, limestone, ceramic clay.

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Ekiti State



Land Area: 2,453 sq mi

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	105,791.66
2	Sand	10,009
3	Feldspar	1,666.67
	TOTAL	117,467.58

Ekiti State produced a total of 117,467.58 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Clay, charnockite, quartzite, lignite, limestone, granite, gemstone, bauxite, cassiterite, columbite, tantalite, feldspar, kaolin.

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Enugu State



Land Area: 2,765 sq mi

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Laterite	13,333.34
2	Sand	1,500.00
	TOTAL	14,833.34

Enugu State produced a total of 14,833.34 tons of Solid Minerals in 2016

Potential Solid Minerals in State

NA

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



FCT Abuja



Land Area: 667 sq mi

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	1,330,732.65
2	Granite Dust	633,071.82
3	Laterite	19,065.50
4	Clay	47,220.00
5	Gold	0.002835
	TOTAL	2,030,089.97

FCT Abuja produced a total of 2,030,089.97 tons of Solid Minerals in 2016

Potential Solid Minerals in State

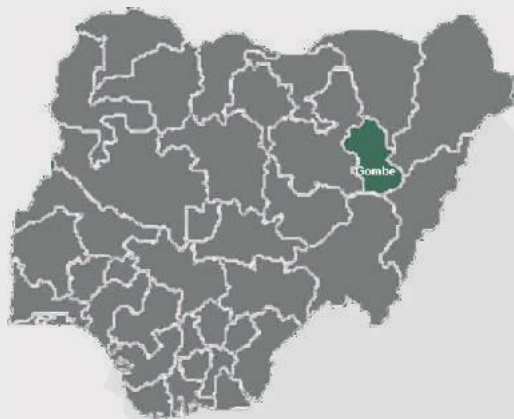
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STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Gombe State



Land Area: 7, 246 sq mi

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	34,819.63
2	Granite Dust	3,068
3	Laterite	18,200
4	Limestone	778,147
5	Coal	77,364.60
6	Sand	5,250
7	Lead/Zinc	368.67
	TOTAL	917,217.90

Gombe State produced a total of 917,217 tons of Solid Minerals in 2016

Potential Solid Minerals in State

NA

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Imo State



Land Area: 2,140 sq mi

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Laterite	5,308.00
2	Sand	12,500.00
	TOTAL	17,808.00

Imo State produced a total of 17,808.00 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Crude oil, shale, natural gas, kaolin, laterite sand, limestone, salt, marble,

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Jigawa State



Land Area: 8, 940 sq mi

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Laterite	40,166.73
2	Granite	41,750.49
3	Granite Dust	2,489.59
	TOTAL	84,406.81

Jigawa State produced a total of 84,406.81 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Glass sand, granite, laterite clay, silica, kaolin, iron ore, quartz, potash, talc, limestone.

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Kaduna State



Land Area: 17,781 sq mi

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	74,095.09
2	Laterite	68,529.52
3	Sand	40,342.75
4	Granite (Block) M ³	347.13
5	Beryl Ore	0.000003
6	Gold	0.0008505
	TOTAL	183,314.49

Kaduna State produced a total of 183,314.49 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Muscovite, granite, gold, manganese, clay, graphite, sand, zircon, kyanite, tin ore, ilmenite, gemstone, columbite.

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Kano State



Land Area: 7,773 sq mi

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	107,375.85
2	Laterite	58,050.06
3	Sand	18,302
4	Gold	0.003969
	TOTAL	183,727.91

Kano State produced a total of 183,727.91 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Clay, laterite, cassiterite, columbite, ilmenite, galena, phyrochlorite, kaolin, gemstone, silica, tin ore, monazite, wolframite, thorium, granite, hyalite, kaolin, beryl, amethyst, gold.

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Katsina State



Land Area: 9,341 sq mi

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	28,309.32
2	Laterite	45,172.05
3	Silica Sand	3,750.09
4	Sand	11,880
5	Quartz	0.003
6	Kaolin	480
	TOTAL	89,591.46

Katsina State produced a total of 89,591.46 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Clay, laterite, cassiterite, columbite, ilmenite, galena, phyrochlorite, kaolin, gemstone, silica, tin ore, monazite, wolframite, thorium, granite, hyalite, kaolin, beryl, amethyst, gold.

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Kebbi State



Land Area: 14,200 sq mi

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Laterite	21,540
2	Granite	6,666.67
3	Iron Ore	665
4	Manganese	52,129.99
	TOTAL	81,001.66

Kebbi State produced a total of 81,001.66 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Salt, iron ore, gold, feldspar, limestone, quartz, bauxitic clay, manganese, kaolin, mica.

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Kogi State



Land Area: 11,519 sq mi

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Laterite	740,356.03
2	Limestone	9,465,009.24
3	Granite	14,195.68
4	Sand	27,662.50
5	Clay	1,568,195.49
6	Coal	911,764.19
7	Feldspar	12,110.52
8	Mica	25
	TOTAL	12,739,318.65

Kogi State produced a total of 12.74m tons of Solid Minerals in 2016

Potential Solid Minerals in State

Clay, iron ore, gemstone, marble, limestone, feldspar, dolomite, phosphate, mica, cassiterite, granite, ornamental stone, coal, kaolin.

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Kwara State



Land Area: 14, 218 sq mi

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	42,200.05
2	Granite Dust	800
3	Laterite	4,500.00
4	Sand	7,875.00
5	Marble	2,066.66
6	Tin	1
7	Columbite	1.04
	TOTAL	57,443.75

Kwara State produced a total of 57,443.75 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Clay, kaolin, silica sand, quartz, dolomite, marble, feldspar, gold, tantalite, cassiterite, granite, limestone.

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Lagos State



Land Area: 1,381 sq mi

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Sand	548,246.23
	TOTAL	548,246.23

Lagos State produced a total of 548,246.23 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Silica sand, bitumen, sharp sand, gravel, petroleum, laterite.

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Nasarawa State



Land Area: 10, 470 sq mi

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	21,642.19
2	Granite Dust	9,394.63
3	Granite Block(m3)	1,853.50
4	Sand	6,625.00
5	Laterite	25,590.00
6	Marble	6,466.69
7	Lead/Zinc	167
9	Baryte	472.04
10	Coal	26.67
11	Columbite	131.57
12	Zircon Sand	891.19
13	Amethyst	0.1
	TOTAL	73,260.57

Nasarawa State produced a total of 73,360.57 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Cassiterite, gemstone, amethyst, beryl, chrysolite, emerald, garnet, sapphire, topaz, barites, galena, monazite, zircon, glass sand, coal.

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Niger State



Land Area: 29, 484 sq mi

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	20,322.69
2	Granite Dust	3,025.93
3	Laterite	20,558.80
4	Sand	6,575.70
5	Talc	666.67
6	Gold	0.006061
	TOTAL	51,149.80

Niger State produced a total of 51,149.80 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Ball clay, kaolin, limestone, granite, glass sand, iron ore, red clay, feldspar, gold, graphite, cyanite, silica sand, quartz, asbestos, marble, talc, gemstone.

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Ogun State



Land Area: 6,556.23 sq mi

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	1,103,133.95
2	Laterite	488,333.46
3	Lime stone	13,338,601.73
4	Shale	1,317,800.43
5	Clay	79,286.26
6	Sand	15,425
7	Kaolin	22,000
8	Feldspar	11,966.67
	TOTAL	16,376,547.50

Ogun State produced a total of 16,367,547.50 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Kaolin, feldspar, silica sand, mica, granite, clay, phosphate, gypsum, limestone, quartz, tar sand.

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Ondo State



Land Area: 6,000 sq mi

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	105,791.66
2	Sand	10,009
3	Feldspar	1,666.67
	TOTAL	117,467.58

Ondo State produced a total of 776,408.83 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Marble, gold, gemstone, clay, diorite, lignite Osun Clay, granite, talc, dolomite, ilmenite, feldspar, quartz, limestone, mica, clay.

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Osun State



Land Area: 3,572 sq mi

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite Aggregates	655,065.24
2	Sand	112,276.99
3	Laterite	9,066.60
	TOTAL	776,408.83

Osun State produced a total of 117,843.89 tons of Solid Minerals in 2016

Potential Solid Minerals in State

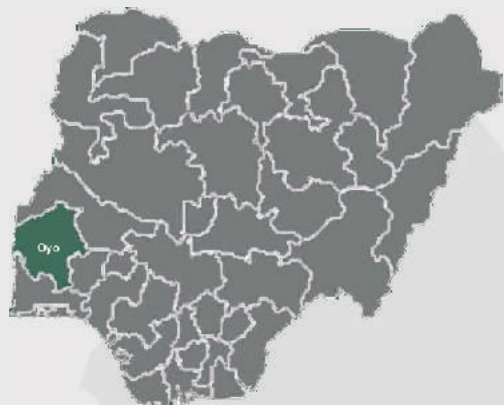
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STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Oyo State



Land Area: 10,986 sq mi

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	958,283.11
2	Feldspar	8,400
3	Tourmaline	0.0526
4	Laterite	15,165.77
5	Marble	10,784.17
6	Aquamarine	0.00004
7	Tin	1,147.74
8	Columbite	131.5
	TOTAL	993,912.35

Oyo State produced a total of 993,912.35 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Clay, feldspar, granite, ilmenite, iron ore, kaolin, quartz, talc, marble, dolomite, tourmaline, aquamarine, amethyst

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Plateau State



Land Area: 11, 936 sq mi

S/No	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Tin Ore(Cassiterite)	2,288.92
2	Columbite	1,824.73
3	Lead/Zinc	8,782.20
4	Granite Aggregate	8,961.19
5	Laterite	84,031.05
6	Sand	725
7	Topaz	5.54
8	Tourmaline	0.001
9	Mica	54
10	Limestone	2.77
11	Amethyst	5.07
12	Sapphire	0.002
13	Zircon	0.061
14	Wolframite	5,750.00
15	Gold	0.00002835
16	Kaolin	160
17	Coltan	4
18	Garnet	0.38
19	Barytes	25
	TOTAL	112,619.92

Plateau State produced a total of 112,619.92 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Monazite, columbite, feldspar, clay, cassiterite, gemstone, kaolin, dolomite, mica, zircon, marble, ilmenite, barites, quartz, talc, galena

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Rivers State



Land Area: 4,277 sq mi

S/N	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Sand	41,267.50
2	Laterite	3,333.34
	TOTAL	22,300.42

Rivers State produced a total of 22,300.42 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Petroleum, natural gas, silica sand, glass sand, clay.

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Sokoto State



Land Area: 10,028 sq mi

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Limestone	623,079
2	Gypsum	720
3	Laterite	3,518
	TOTAL	627,317

Sokoto State produced a total of 627,317 tons of Solid Minerals in 2016

Potential Solid Minerals in State

Silica sand, clay, salt, limestone, phosphate, gypsum, kaolin, laterite, potash, granite

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Taraba State



Land Area: 21,032 sq mi

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	41,212.49
2	Laterite	17,597.90
3	Sand	5,900
4	Lead/Zinc	30
5	Barite	40
	TOTAL	64,780.39

Taraba State produced a total of 64,780.39 tons of Solid Minerals in 2016

Potential Solid Minerals in State

NA

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Yobe State



Land Area: 17,568 sq mi

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Iron Ore	883.08
	TOTAL	883.08

Yobe State produced a total of 883.08 tons of Solid Minerals in 2016

Potential Solid Minerals in State

NA

STATE DISAGGREGATED MINING AND QUARRYING DATA - 2016

Solid Minerals Production



Zamfara State



Land Area: 15,352 sq mi

S/NO	MINERAL TYPE	PRODUCTION FIGURES(TONS)
1	Granite	77,659.16
2	Laterite	2,484.50
3	Gold	0.00774
4	Wolframite	13,335.30
5	Tantalite	2,830.22
6	sand	5,500
	TOTAL	101809.19

Zamfara State produced a total of 101,809.19 tons of Solid Minerals in 2016

Potential Solid Minerals in State

NA



Methodology

Data in this report is provided from both field work and administratively. Administrative data is supplied by the Federal Ministry of Solid Minerals and is verified, validated and supplemented by field work surveys by the National Bureau of Statistics.

The mining and quarrying data in this report relates to the formal sector and accordingly represents only production reported officially as at the time of the report. It therefore does not include yet to be reported mining and quarrying activities as of the time of this report. It also does not include mining and quarrying activities of an informal or illegal nature which account for an estimated 43% of GDP.

Appendix

	Limestone	Laterite	Granite	Sand	Clay	Coal	Feldspar
Abia		3,333.40	276,354.27	6,250.00	18,320.00		
Adamawa		15,536.00	40,246.02				
Akwa-Ibom		90,691.00					
Anambra		13,366.68	666.67	142,025.00			
Bauchi		3,350.00		1,150.00			
Bayelsa							
Benue	1,353,679.46	253,731.56	137,655.08	15,136.30			
Borno				1,250.00			
Cross River	2,340,387.00		657,291.73				
Delta		28,895.02	445.00	103,503.00			
Ebonyi			691,533.04				
Edo	305,616.70			98,244.00	86,400.00		
Ekiti			105,791.66	10,009.25			1,666.67
Enugu		13,333.34		1,500.00			
Fct		19,065.50	1,330,732.65		47,220.00		
Gombe	778,147.00	18,200.00	34,819.63	5,250.00		77,364.60	
Imo		5,308.00		12,500.00			
Jigawa		40,166.73	41,750.49				
Kaduna		68,529.52	74,095.09	40,342.75			
Kano		58,050.06	107,375.85	18,302.00			
Katsina		45,172.05	28,309.32	11,880.00			
Kebbi		21,540.00	6,666.67				
Kogi	9,465,009.24	740,356.03	14,195.68	27,662.50	1,568,195.49	911,764.19	12,110.52
Kwara		4,500.00	42,200.05	7,875.00			
Lagos				548,246.23			
Nasarawa		25,590.00	21,642.19	6,625.00		26.67	
Niger		20,558.80	20,322.69	6,575.70			
Ogun	13,338,601.73	488,333.46	1,103,133.95	15,425.00	79,286.26		11,966.67
Ondo		9,066.60		112,276.99			
Osun		47,933.30	33,985.59	35,925.00			
Oyo		15,165.77	958,283.11				8,400.00
Plateau	2.77	84,031.05		725.00			
Rivers		3,333.34		41,267.50			
Sokoto	623,079.00	3,518.00					
Taraba		17,597.90	41,212.49	5,900.00			
Yobe							
Zamfara		2,484.50	77,659.16	5,500.00			
National	28,204,522.91	2,160,737.61	5,846,368.08	1,281,346.22	1,799,421.75	989,155.45	34,143.86

Appendix

	Mica	Granite Dust	Marble	Tin	Columbite	Granite Block(m3)	Lead/Zinc
Abia							
Adamawa		3,873.00					
Akwa-Ibom							
Anambra							
Bauchi		13,782.60		5.00		155.84	
Bayelsa							
Benue							
Borno							
Cross River							
Delta							
Ebonyi							310.00
Edo		26,059.40	800.00				
Ekiti							
Enugu							
Fct		633,071.82					
Gombe		3,068.00					368.67
Imo							
Jigawa		2,489.59					
Kaduna						347.13	
Kano							
Katsina							
Kebbi							
Kogi	25.00						
Kwara		800.00	2,066.66	1.00	1.04		
Lagos							
Nasarawa		9,394.63	6,466.69		131.57	1,853.50	167.00
Niger		3,025.93					
Ogun							
Ondo							
Osun							
Oyo			10,784.17	1,147.74	131.50		
Plateau	54.00						8,782.20
Rivers							
Sokoto							
Taraba							30.00
Yobe							
Zamfara							
National	79.00	695,564.97	20,117.52	1,153.74	264.11	2,356.48	9,657.87

Appendix

	Baryte	Zircon	Zircon Sand	Amethyst	Talc	Tin Ore(Cassiterite)	Granite Aggregate
Abia							
Adamawa							
Akwa-Ibom							
Anambra							
Bauchi							73,280.25
Bayelsa							
Benue							
Borno							
Cross River							
Delta							
Ebonyi							
Edo							209,266.11
Ekiti							
Enugu							
Fct							
Gombe							
Imo							
Jigawa							
Kaduna							
Kano							
Katsina							
Kebbi							
Kogi							
Kwara							
Lagos							
Nasarawa	472.04		891.19	0.10			
Niger					666.67		
Ogun							
Ondo							655,065.24
Osun							
Oyo							
Plateau	25.00	0.061		5.07		2,288.92	8,961.19
Rivers							
Sokoto							
Taraba	40.00						
Yobe							
Zamfara							
National	537.04	0.061	891.19	5.17	666.67	2,288.92	946,572.79

Appendix

	Topaz	Tourmaline	Sapphire	Wolframite	Gold	Kaolin	Coltan
Abia							
Adamawa							
Akwa-Ibom							
Anambra							
Bauchi		0.0010				666.60	
Bayelsa							
Benue							
Borno							
Cross River							
Delta							
Ebonyi							
Edo						798.00	
Ekiti							
Enugu							
Fct					0.0028350		
Gombe							
Imo							
Jigawa							
Kaduna					0.0008505		
Kano					0.0039690		
Katsina						480.00	
Kebbi							
Kogi							
Kwara							
Lagos							
Nasarawa							
Niger					0.0060605		
Ogun						22,000.00	
Ondo							
Osun					0.0015750		
Oyo		0.053					
Plateau	5.54	0.001	0.002	5,750.00	0.0000284	160.00	4.00
Rivers							
Sokoto							
Taraba							
Yobe							
Zamfara				13,335.30	0.0077400		
National	5.54	0.0546	0.002	19,085.30	0.0230584	24,104.60	4.00

Appendix

	Garnet	Basalt	Beryl Ore	Silica Sand	Quartz	Manganese	Tantalite	Aquamarine
Abia								
Adamawa		1,400.0						
Akwa-Ibom								
Anambra								
Bauchi								
Bayelsa								
Benue								
Borno								
Cross River								
Delta								
Ebonyi								
Edo								
Ekiti								
Enugu								
Fct								
Gombe								
Imo								
Jigawa			0.000003					
Kaduna								
Kano				3,750.09	0.0030			
Katsina						52,129.99		
Kebbi								
Kogi								
Kwara								
Lagos								
Nasarawa								
Niger								
Ogun								
Ondo								
Osun								0.00004
Oyo	0.3750							
Plateau								
Rivers								
Sokoto								
Taraba								
Yobe							2,830.22	
Zamfara	0.3750	1,400.0	0.000003	3,750.09	0.0030	52,129.99	2,830.22	0.00004
National					0.0060			

Appendix

	Dolomite	Bentonite	Iron Ore	Gypsum	Shale	Sand Stone	TOTAL
Abia							304,257.67
Adamawa							61,055.02
Akwa-Ibom							90,691.00
Anambra							156,058.35
Bauchi							92,390.29
Bayelsa							-
Benue							1,760,202.40
Borno							1,250.00
Cross River							2,997,678.73
Delta						33.00	132,876.02
Ebonyi							691,843.04
Edo	9,835.00	3,200.00				10,750.00	750,969.21
Ekiti							117,467.58
Enugu							14,833.34
Fct							2,030,089.97
Gombe							917,217.90
Imo							17,808.00
Jigawa							84,406.81
Kaduna							183,314.49
Kano							183,727.91
Katsina							89,591.46
Kebbi			665.00				81,001.66
Kogi							12,739,318.65
Kwara							57,443.75
Lagos							548,246.23
Nasarawa							73,260.57
Niger							51,149.80
Ogun					1,317,800.43		16,376,547.50
Ondo							776,408.83
Osun							117,843.89
Oyo							993,912.35
Plateau							110,795.18
Rivers							44,600.84
Sokoto				720.00			627,317.00
Taraba							64,780.39
Yobe			883.08				883.08
Zamfara							101,809.19
National	9,835.00	3,200.00	1,548.08	720.00	1,317,800.43	10,783.00	43,443,048.12

Acknowledgements/Contacts

Acknowledgements

We acknowledge the contributions of our strategic partner Federal Ministry of Solid Minerals and our technical partner, Proshare in the design, concept and production of this publication.





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