Lion One Drills 142.66 g/t Gold over 2.2 m from Underground at Tuvatu Gold Mine in Fiji

North Vancouver, British Columbia, March 25, 2025 – **Lion One Metals Limited** (TSXV: LIO**) (**OTCQX: LOMLF**) ("Lion One" or the "Company**") is pleased to report significant new high-grade gold results from 2,194.70 meters of underground infill and grade control drilling at its 100% owned Tuvatu Alkaline Gold Project in Fiji ("**Tuvatu**"). The drilling is focused on the Ura lode system which is currently being mined.

All drilling was conducted from near surface underground workings. The Company intersected high-grade mineralized structures in 18 holes. Most of the drill holes did not exceed 130 m in length and most of the high-grade drill intercepts are located within 50 m of current underground workings. Drill results include multiple bonanza grade gold assays such as **142.66 g/t over 2.2 m, 489.52 g/t over 0.4 m, 168.95 g/t over 0.5 m, 189.15 g/t over 0.3 m, and 179.95 g/t over 0.3 m**.

The Ura lode system is currently being mined from both the 1095 level and the 1116 level of the mine. The primary targets for the Ura drill program are the areas of the Ura system scheduled for near term mining up dip of the 1116 level and down dip of the 1095 level. Mining up dip of the 1116 level will be conducted through conventional shrinkage stoping. Work on this stope has already begun. The 1116 up-dip stope is steeply dipping and will be mined over a strike length of 100 m, with narrow mining widths of approximately 1.5 m. This stope encompasses numerous high-grade gold drill results, including the **168.95 g/t gold over 0.5 m** intercept noted above, which is located 20 m above the 1116 level within the planned stope.

The Ura system remains open at depth and is largely untested below the currently modeled lodes. The system is a prime target for resource expansion and upgrade given the high-grade drill results, the underground access already in place, and the lack of drilling down-dip. The drilling reported here represents the first systematic drill program designed to target the Ura system. Much of this drilling is located outside the current resource. Drilling is ongoing and is being conducted from two underground drill stations: the 1095 drill station and the 1116 drill station.

Lion One Chairman Walter Berukoff commented: "We're very pleased with the results from the Ura drill program. The Ura system is a developing target that represents an excellent opportunity both to expand our resource and to add tonnes to our immediate mine plan. The Ura lodes are high-grade structures, and we expect to be mining the areas targeted by this drill program in the next three to six months."

Highlights of New Drill Results:

- **142.66 g/t Au over 2.2 m** (including 328.50 g/t Au over 1.0 m) (TGC-0378, from 13.79 m depth)
- **489.52 g/t Au over 0.4 m** (TGC-0389, from 31.1 m depth)
- **168.95 g/t Au over 0.5 m** (TGC-0396, from 68.78 m depth)
- **25.87 g/t Au over 2.3 m** (including 59.24 g/t Au over 0.8 m) (TGC-0396, from 55.7 m depth)
- **189.15 g/t Au over 0.3 m** (TGC-0380, from 76.78 m depth)

- **179.95 g/t Au over 0.3 m** (TGC-0391, from 149 m depth)
- **30.16 g/t Au over 1.5 m** (including 81.27 g/t Au over 0.4 m) (TGC-0389, from 50.9 m depth)
- **31.74 g/t Au over 1.4 m** (including 52.27 g/t Au over 0.6 m) (TGC-0392, from 41.1 m depth)
- **21.55 g/t Au over 1.9 m** (including 67.05 g/t Au over 0.3 m) (TGC-0384, from 18.94 m depth)
- **41.57 g/t Au over 1.0 m** (including 128.64 g/t Au over 0.3 m) (TGC-0384, from 38.64 m depth)
- **26.79 g/t Au over 1.5 m** (including 69.27 g/t Au over 0.5 m) (TGC-0366, from 4.6 m depth)

**Drill intersects are downhole lengths, 3.0 g/t cutoff. True width not known. See Table 1 for additional data.*

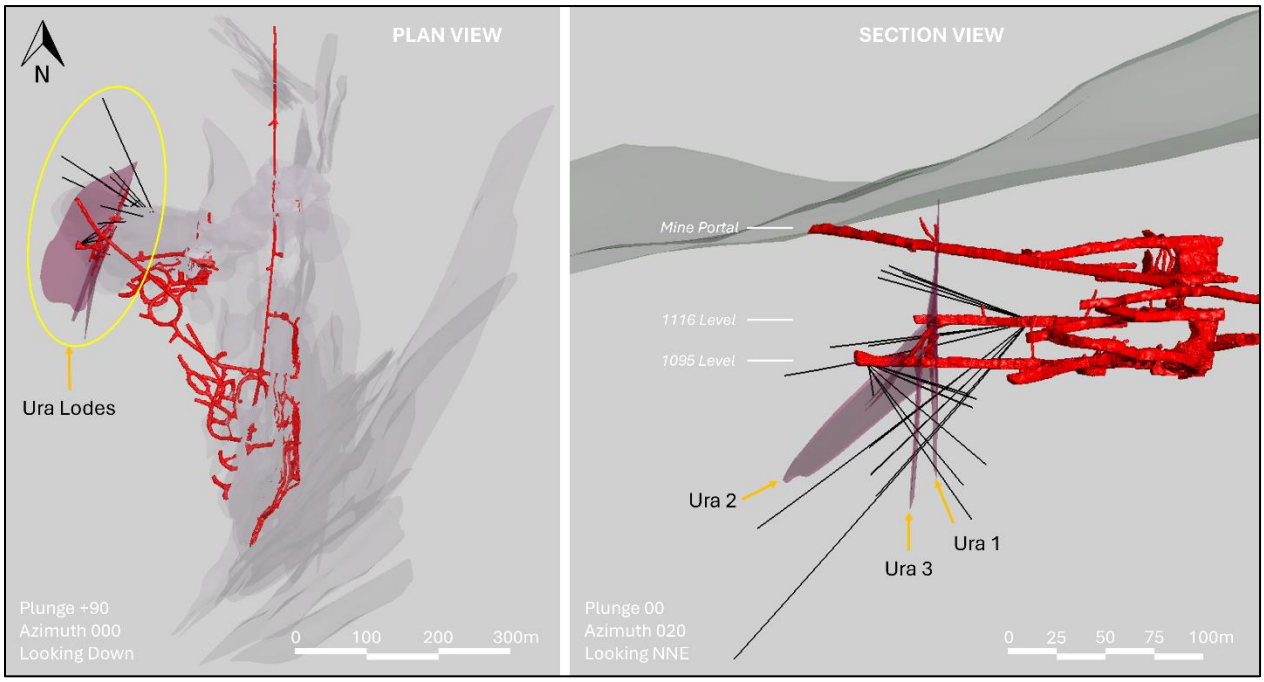

Figure 1. Location of the Ura drilling reported in this news release. Left image: Plan view of the Ura drilling in relation to the Ura lodes shown in purple and other mineralized lodes shown in grey, with Tuvatu underground development shown in red. Right image: Section view of the Ura drilling looking NNE, approximately along strike of the Ura1 and Ura3 lodes.

Ura Lode System

The Ura lode system was discovered during the initial development of the mine decline in late 2022 and was initially modelled as a single lode. It is now understood to be a system of lodes, with at least three separate lodes already identified (Ura1, Ura2, and Ura3). The Ura system remains largely untested. The system extends to surface and is open at depth. It is closed to the north by the Coreshed fault, while to the south it intersects and is likely offset slightly by the Cabex fault. The drilling reported here represents the first systematic drill program designed to target the Ura system.

Three separate lodes have so far been identified in the Ura system; the Ura1, Ura2, and Ura3 lodes, all three of which are narrow high-grade structures with bonanza-grade gold intersections frequently associated with chalcedonic silica and roscoelite – mineralization characteristic of high-grade alkaline gold systems. The Ura1 and Ura3 lodes dip subvertically to the west and strike approximately 200° to the SSW. The Ura2 lode strikes approximately 205° to the SSW and dips at approximately 45° to the west. The Ura2

lode intersects the Ura1 lode slightly below the 1116 level while the Ura3 lode is located between the Ura2 and Ura1 lodes, intersecting the Ura2 lode between the 1095 and 1116 levels. All three lodes have current total strike lengths of approximately 220 m each and remain open both at depth and to the South beyond the Cabex fault.

The drilling reported in this news release was conducted from two underground drill stations; the 1095 and 1116 drill stations. The drilling targeted areas of the Ura system directly up-dip and down-dip of the 1095 and 1116 levels, with particular focus on the Ura1 and Ura3 lodes. Drilling is being conducted on a 12.5 m grid to provide a detailed understanding of the geometry and mineralization in advance of mining. These areas are scheduled for mining in the near term and are anticipated to be added to the mine plan within the next two to six months.

The Ura system is largely untested and much of the drilling reported in this news release targeted areas outside the current resource. The Ura system is a prime target for resource expansion. Very limited drilling has been conducted below the current underground workings and initial analysis indicates that the system extends well below current levels. The deepest high grade intersect reported in this news release, 179.95 g/t gold over 0.3 m, is located approximately 90 m below current workings. This represents an additional four to five levels of mineralization below current mine levels, with strong potential for mineralization to continue further at depth (Figure 3).

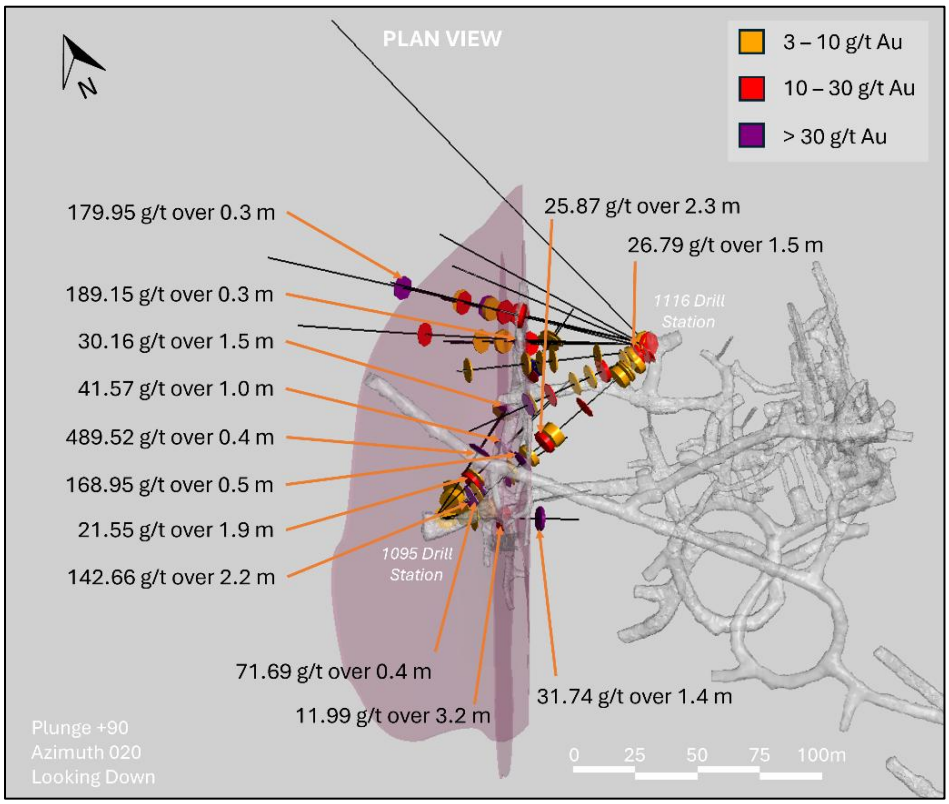

Figure 2. Ura drilling with high-grade intersects highlighted, 3.0 g/t gold cutoff, plan view. Plan view looking down. The drill holes shown here primarily targeted areas of the Ura lodes scheduled for near-term mining above and below the 1095 level. Ura lodes show in purple, underground workings in grey.

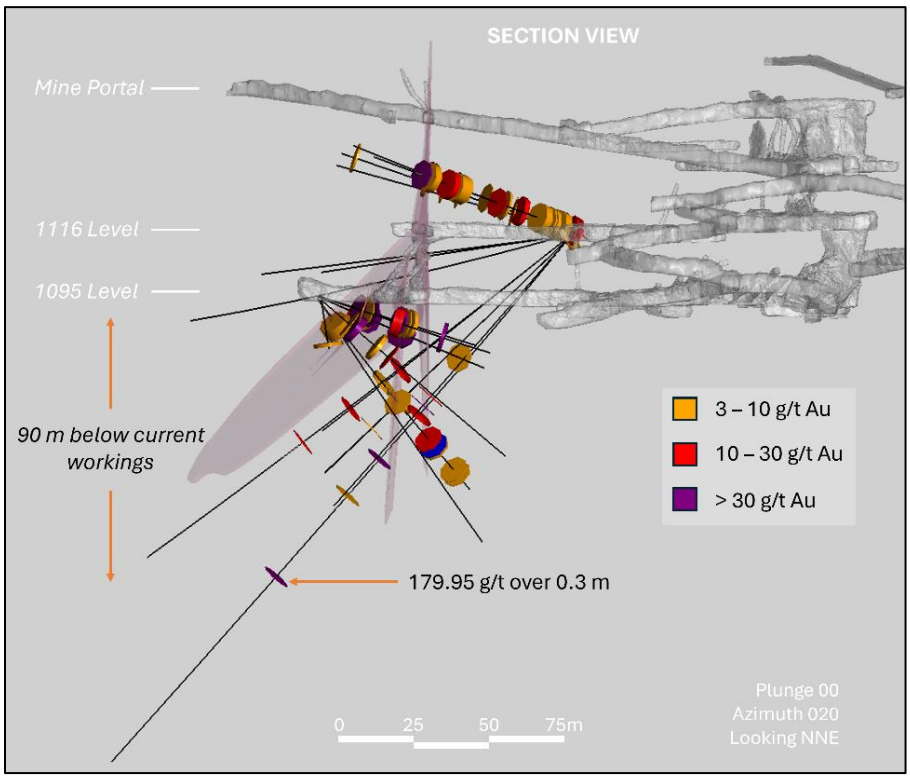

Figure 3. Ura drilling with high-grade intersects highlighted, 3.0 g/t gold cutoff, section view. Section view looking NNE. Limited drilling has been conducted on the Ura system below the 1095 level. High grade gold mineralization has been intersected 90 m below the current underground workings and the system remains open at depth. Ura lodes shown in light purple, underground workings in grey.

Competent Person's Statement

In accordance with National Instrument 43-101 – Standards of Disclosure for Mineral Projects ("NI 43-101"), Melvyn Levrel, MAIG, Senior Geologist for Lion One Metals, is the Qualified Person for the Company and has reviewed and approved the technical and scientific content of this news release.

Lion One Laboratories / QAQC

Lion One adheres to rigorous QAQC procedures above and beyond basic regulatory guidelines in conducting its drilling, sampling, testing, and analyses. The Company operates its own geochemical assay laboratory and its own fleet of diamond drill rigs using PQ, HQ and NQ sized drill rods. The Lion One geochemical laboratory is accredited under the IANZ ISO/IEC 17025:2017 Standard - the international standard for testing and calibration of laboratories.

Diamond drill core samples are logged by Lion One personnel on site. Exploration diamond drill core is split by Lion One personnel on site, with half core samples sent for analysis and the other half core remaining on site. Grade control diamond drill core is whole core assayed. Core samples are delivered to the Lion One Laboratory for preparation and analysis. All samples are pulverized at the Lion One lab to 85% passing through 75 microns and gold analysis is carried out using fire assay with an AA finish. Samples that return grades greater than 10.00 g/t Au are re-analyzed by gravimetric method, which is considered more accurate for very high-grade samples.

Duplicates of 5% of samples with grades above 0.5 g/t Au are delivered to ALS Global Laboratories in Australia for check assay determinations using the same methods (Au-AA26 and Au-GRA22 where applicable). ALS also analyses 33 pathfinder elements by HF-HNO3-HClO4 acid digestion, HCl leach and ICP-AES (method ME-ICP61). The Lion One lab can test a range of up to 71 elements through Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES), but currently focuses on a suite of 26 important pathfinder elements with an aqua regia digest and ICP-OES finish.

About Lion One Metals Limited

Lion One Metals is an emerging Canadian gold producer headquartered in North Vancouver BC, with new operations established in late 2023 at its 100% owned Tuvatu Alkaline Gold Project in Fiji. The Tuvatu project comprises the high-grade Tuvatu Alkaline Gold Deposit, the Underground Gold Mine, the Pilot Plant, and the Assay Lab. The Company also has an extensive exploration license covering the entire Navilawa Caldera, which is host to multiple mineralized zones and highly prospective exploration targets.

On behalf of the Board of Directors,
Walter Berukoff, Chairman & President

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Appendix 1: Full Drill Results and Collar Information

Table 1. Collar coordinates for drillholes reported in this release. Coordinates are in Fiji map grid.

Hole ID	Easting	Northing	Elevation	Azimuth	Dip	Depth
TGC-0364	1876283	3920814	120	304.3	-7.2	106.0
TGC-0366	1876284	3920812	121	266.2	18.2	85.0
TGC-0368	1876283	3920812	121	283.3	18.1	81.0
TGC-0369	1876283	3920814	121	313.2	14.7	86.3
TGC-0371	1876283	3920815	120	318.6	-6.7	94.0
TGC-0372	1876283	3920818	120	335.7	-10.2	180.4
TGC-0374	1876283	3920815	120	291.6	-38.3	174.6
TGC-0376	1876283	3920815	119	291.7	-44.5	112.0
TGC-0378	1876182	3920778	98	99.2	-40.0	80.2
TGC-0380	1876285	3920814	122	291.1	-49.4	121.2
TGC-0381	1876182	3920778	98	99.0	-81.0	16.1
TGC-0382	1876182	3920779	99	78.6	-14.8	62.3
TGC-0384	1876182	3920779	99	64.4	-17.3	74.4
TGC-0385	1876283	3920815	119	303.0	-37.4	105.0
TGC-0386	1876182	3920779	98	63.5	-46.8	110.7
TGC-0388	1876283	3920815	119	302.6	-43.9	113.1
TGC-0389	1876182	3920780	99	53.5	-13.2	101.2
TGC-0390	1876182	3920780	99	52.7	-35.9	111.0
TGC-0391	1876283	3920815	119	303.1	-50.1	231.5
TGC-0392	1876183	3920778	99	110.7	-19.2	58.2
TGC-0396	1876283	3920811	121	249.2	16.3	90.5

Table 2. Composite intervals from drillholes reported in this news release (composite grade >3.0 g/t Au, with <1 m internal dilution at <3.0 g/t Au).

Hole ID		From (m)	To (m)	Width (m)	Au (g/t)
TGC-0364		0.0	0.7	0.7	3.05
		50.3	51.9	1.6	11.47
	including	50.3	50.9	0.6	25.78
	and	50.9	51.4	0.5	0.26
	and	51.4	51.9	0.5	5.52
TGC-0366		1.7	2.2	0.5	12.58
		4.6	6.1	1.5	26.79
	including	4.6	5.1	0.5	69.27
	and	5.1	5.8	0.7	4.45
	and	5.8	6.1	0.3	3.80
		7.3	9.0	1.7	5.05

	including	7.3	7.9	0.6	5.50
	and	7.9	9.0	1.1	4.81
		10.8	11.6	0.8	5.43
	including	10.8	11.1	0.3	3.63
	and	11.1	11.6	0.5	6.60
		20.2	22.0	1.8	12.27
	including	20.2	21.4	1.2	16.14
	and	21.4	22.0	0.6	4.54
		26.9	27.7	0.8	8.86
		34.2	34.7	0.5	5.32
		45.6	46.2	0.6	23.86
		54.7	55.0	0.3	3.07
		56.1	56.5	0.4	44.93
TGC-0368		20.7	21.0	0.3	8.43
		39.5	40.0	0.5	3.57
		44.8	45.4	0.6	6.86
		50.7	51.7	1.0	3.97
	including	50.7	51.2	0.5	3.97
	and	51.2	51.7	0.5	3.97
		75.7	76.4	0.7	3.11
TGC-0374		110.9	111.2	0.3	21.79
TGC-0376		77.9	79.3	1.5	5.47
	including	77.9	78.3	0.5	9.95
	and	78.3	79.3	1.0	3.46
		90.5	90.8	0.4	5.33
TGC-0378		12.1	12.4	0.3	3.49
		13.8	16.0	2.2	142.66
	including	13.8	14.3	0.5	5.77
	and	14.3	14.8	0.5	2.57
	and	14.8	15.1	0.3	0.17
	and	15.1	16.0	1.0	328.50
		23.3	24.8	1.5	8.46
	including	23.3	23.7	0.4	21.28
	and	23.7	24.1	0.4	0.39
	and	24.1	24.8	0.7	6.12
		29.4	29.7	0.3	10.02
TGC-0380		0.0	0.5	0.5	15.86
		72.8	73.2	0.4	21.05
		76.8	77.1	0.3	189.15
TGC-0381		14.2	15.4	1.2	7.47
TGC-0382		15.2	15.5	0.3	46.28
		18.1	18.5	0.4	9.98

		20.2	20.6	0.4	71.69
		31.0	31.8	0.8	33.39
	including	31.0	31.5	0.5	25.25
	and	31.5	31.8	0.3	48.03
		33.0	33.4	0.4	3.12
		34.6	36.1	1.5	5.99
	including	34.6	35.0	0.4	4.71
	and	35.0	35.3	0.3	13.71
	and	35.3	35.6	0.3	3.40
	and	35.6	36.1	0.5	4.07
TGC-0384		18.9	20.8	1.9	21.55
	including	18.9	19.3	0.3	29.99
	and	19.3	19.7	0.5	2.13
	and	19.7	20.0	0.3	67.05
	and	20.0	20.3	0.3	0.16
	and	20.3	20.8	0.5	19.84
		22.0	22.6	0.6	4.59
	including	22.0	22.3	0.3	4.09
	and	22.3	22.6	0.3	5.08
		38.6	39.6	1.0	41.57
	including	38.6	39.0	0.4	4.28
	and	39.0	39.3	0.3	0.60
	and	39.3	39.6	0.3	128.64
TGC-0385		71.4	72.4	1.0	18.55
	including	71.4	71.7	0.3	6.55
	and	71.7	72.1	0.4	0.05
	and	72.1	72.4	0.3	57.69
		78.3	80.0	1.7	4.88
	including	78.3	78.7	0.4	3.50
	and	78.7	79.4	0.7	0.05
	and	79.4	79.7	0.3	13.75
	and	79.7	80.0	0.3	8.74
		92.9	93.2	0.3	24.86
TGC-0386		10.0	14.3	4.4	4.73
	including	10.0	10.4	0.4	16.48
	and	10.4	11.0	0.7	<0.01
	and	11.0	11.3	0.3	1.52
	and	11.3	12.5	1.2	3.65
	and	12.5	12.8	0.3	<0.01
	and	12.8	13.1	0.3	1.09
	and	13.1	14.3	1.2	7.36
TGC-0388		0.0	0.6	0.6	3.48

TGC-0389		31.1	31.5	0.4	489.52
		50.9	52.4	1.5	30.16
	including	50.9	51.3	0.4	81.27
	and	51.3	52.0	0.7	2.91
	and	52.0	52.4	0.4	26.72
		85.9	86.2	0.3	4.04
TGC-0390		14.7	15.1	0.4	7.70
		59.1	59.6	0.5	6.76
		81.0	81.4	0.4	21.76
		84.5	85.1	0.6	3.00
		85.7	86.2	0.5	3.69
		99.1	99.4	0.3	4.43
		101.6	101.9	0.3	3.28
TGC-0391		0.0	0.6	0.6	3.61
		76.9	78.1	1.2	10.40
	including	76.9	77.5	0.6	7.91
	and	77.5	78.1	0.6	12.89
		96.9	97.3	0.4	39.15
		113.0	113.3	0.3	3.72
		149.0	149.3	0.3	179.95
TGC-0392		14.0	14.4	0.4	5.32
		24.6	27.8	3.2	11.99
	including	24.6	25.0	0.4	18.68
	and	25.0	25.6	0.6	5.97
	and	25.6	26.3	0.7	34.65
	and	26.3	27.2	0.9	0.05
	and	27.2	27.8	0.6	5.01
		41.1	42.5	1.4	31.74
	including	41.1	41.7	0.6	52.27
	and	41.7	42.5	0.8	16.34
TGC-0396		0.0	0.5	0.5	12.53
		5.2	8.0	2.8	7.13
	including	5.2	5.6	0.4	9.95
	and	5.6	6.2	0.7	13.67
	and	6.2	6.5	0.3	1.24
	and	6.5	7.4	0.9	4.67
	and	7.4	8.0	0.6	4.55
		10.9	11.6	0.6	3.64
		12.1	12.7	0.6	3.26
		14.0	16.8	2.8	5.48
	including	14.0	14.5	0.5	8.38
	and	14.5	15.0	0.5	3.61

	and	15.0	15.4	0.4	5.88
	and	15.4	15.7	0.3	9.27
	and	15.7	16.8	1.1	3.90
		34.7	35.0	0.3	21.78
		50.0	54.5	4.5	3.74
	including	50.0	50.3	0.3	4.50
	and	50.3	51.5	1.2	6.56
	and	51.5	52.3	0.8	0.04
	and	52.3	52.7	0.4	3.58
	and	52.7	53.0	0.3	2.48
	and	53.0	53.3	0.3	1.76
	and	53.3	54.5	1.2	4.07
		55.7	58.0	2.3	25.87
	including	55.7	56.5	0.8	59.24
	and	56.5	57.2	0.7	12.82
	and	57.2	58.0	0.8	3.05
		64.2	66.7	2.5	4.70
	including	64.2	64.5	0.3	5.08
	and	64.5	65.5	1.0	5.23
	and	65.5	66.7	1.2	4.16
		68.8	69.3	0.5	168.95