

## TINKA RESOURCES LIMITED

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TSXV: TK

NEWS RELEASE

**January 15, 2015** 

# TINKA ANNOUNCES RESULTS OF 1,600 METRE TEN-HOLE DRILL PROGRAM AT COLQUIPUCRO SILVER OXIDE PROJECT

Vancouver, Canada – Tinka Resources Limited ("Tinka" or the "Company") (TSXV: TK) (OTCPK: TKRFF) is pleased to announce assay results of a ten hole, 1600-metre drill program at its 100%-owned Colquipucro silver project in central Peru. Seven of the holes (CDD39 to CDD45) were infill holes drilled on two section lines spaced 100 metres apart within the existing silver resource (32 million ounces inferred silver oxide resource reported on April 9, 2014.). All seven holes intersected strong, near-surface, oxidized, silver mineralization over substantial thicknesses. Three other holes (CDD36 - CDD38) were step-out holes testing the extension of mineralization to the northwest with one hole intersecting significant grade.

## **Drill Highlights:**

- CDD45: **136.0 metres at 75 grams per tonne** (g/t) silver from 4.0 metres depth including **14.0** metres at **211** g/t silver from 40.0 metres depth;
- CDD44: **60.0 metres at 92 g/t silver** from 90.0 metres depth including **10.1 metres at 264 g/t silver** from 118.0 metres depth;
- CDD43: **38.9 metres at 200 g/t silver\*** from 104.0 metres depth, including **11.0 metres at 605 g/t silver** from 120.7 metres depth;
- CDD41: **86.0 metres at 90 g/t silver\*\*** from 6.0 metres depth including **26.0 metres at 119 g/t silver** from 18.0 metres depth and **12.0 metres at 198 g/t silver** from 66.0 metres depth;
- CDD39: **40.5 metres at 140 g/t silver** from 94.0 metres depth including **4.0 metres at 699 g/t silver** from 102.0 metres depth.
- CDD37 (Step-out hole): **6.0 metres at 105 g/t silver** from 22.0 metres depth.
  - \* includes 6.9 metres of no recovery in 3 intervals with zero grade assumed;
  - \*\* includes 7.1 metres of no recovery in 3 intervals with zero grade assumed.

Dr. Graham Carman, Tinka's President and CEO, stated: "These excellent new drill results provide better definition of the high-grade, near-surface silver oxide zones at Colquipucro, which will be important in any future mining operation. Thick (~80 metre true thickness) silver oxide mineralization occurs at or near to the surface beneath Colquipucro hill in CDD41 (86 metres at 90 g/t silver) and a number of other adjacent holes (e.g. CDD30: 104 metres at 96 g/t silver). Near the southern margin of the resource, CDD43 (39 metres at 200 g/t silver, including 11 metres at 605 g/t silver) has defined a 40 metre wide, high-grade eastwest trending structure at a vertical depth of 50 metres."

"This recent drill program has now achieved a drill line spacing of 50 metres across the Colquipucro resource. The next steps for the project will include an updated resource estimate, to be calculated by an independent consultant, during Q1 2015. Further metallurgical test work of the silver oxide mineralization will determine the likely recoveries of any future silver leach operation. Silver recoveries in initial leach tests of between 50-85% were previously obtained, results which are considered very encouraging. Once metallurgical testing is completed and results assessed, the next phase work program is likely to include a Preliminary Economic Assessment (PEA)."

Geology of the Silver Mineralization

Drill holes completed in the current program are plotted on a geology map - see **Figure 1**. Highlights of drill holes on two cross sections are also plotted - see **Figure 2**. Silver mineralization at Colquipucro is defined over an area of approximately 430 metres (north-south) by 200 metres (east-west), and a vertical thickness of around 80 metres. Drill line spacings are 50 metres apart across the deposit.

The silver mineralization at Colquipucro is hosted predominately by a quartz sandstone unit ("Goyllar Group"), 80-100 metres thick, dipping gently to the southwest. The silver oxide mineralization occurs with iron oxides (following oxidation of primary sulphides), with or without manganese oxide, commonly in highly fractured rocks. Mineralization appears to be enriched at the lower contact of the sandstone, and in east-west trending fracture zones which dip at moderate angles (30 to 70 degrees) to the north. Beneath the sandstone lies a sedimentary unit consisting of breccia, siltstone, shale and limestone approximately 150 metres thick ("Oyon Formation"). The Oyon Formation hosts zinc mineralization (oxidized or transitional to sulphide). A metamorphic sedimentary rock, "phyllite" ("Excelsior Group"), lies beneath the Oyon Formation and is unmineralized. Drill holes were angled to the south or to the north at angles of between 42 and 60 degrees. Tables 1 and 2 summarize all drill results and drill collar information.

The true widths of the drill intercepts are between 60% and 100% of the reported down-hole widths (see Table 1). A 15 g/t silver cut-off over 6 metre drilling intervals was used by the Company. Intervals of no core recovery within mineralized intervals have been given a zero grade.

## Ayawilca Drill Program

Tinka has recently completed a 6,400 metre drill program at the Ayawilca zinc and associated base metals project, located 2km to the south of Colquipucro. We expect the full results of the drill program at Ayawilca to be released by the end of January 2015.

The qualified person, Dr. Graham Carman, Tinka's President and CEO, and a Fellow of the Australasian Institute of Mining and Metallurgy, has reviewed and verified the technical contents of this release.

#### **About Tinka Resources Limited**

Tinka is a junior resource acquisition and exploration company with projects in Peru. Tinka's focus is on its 100%-owned Ayawilca and Colquipucro projects in the highly mineralized zinc-lead-silver belt of central Peru, 200 kilometres north of Lima. The Ayawilca project, located 40 kilometres from Peru's largest historic zinc mine, Cerro de Pasco, has the potential to be a major zinc sulphide discovery. The nearby Colquipucro silver oxide project is a near-surface, sandstone hosted silver oxide deposit with a current inferred resource containing 32 million ounces silver with potential for expansion.

On behalf of the Board,

**Investor Information:** 

"Graham Carman"

Dr. Graham Carman, President & CEO

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Forward Looking Statements. Certain information in this news release contains forward-looking statements and forward-looking information within the meaning of applicable securities laws (collectively "forward-looking statements"). All statements, other than statements of historical fact are forward-looking statements. Forward-looking statements are based on the beliefs and expectations of Tinka as well as assumptions made by and information currently available to Tinka's management. Such statements reflect the current risks, uncertainties and assumptions related to certain factors including, without limitations, capital and other costs varying significantly from estimates, production rates varying from estimates, changes in world metal markets, changes in equity markets, uncertainties relating to the availability and costs of financing needed in the future, equipment failure, unexpected geological conditions, imprecision in resource estimates or metal recoveries, success of future development initiatives, competition, operating performance, environmental and safety risks, delays in obtaining or failure to obtain necessary permits and approvals

from local authorities, community relations, and other development and operating risks. Should any one or more of these risks or uncertainties materialize, or should any underlying assumptions prove incorrect, actual results may vary materially from those described herein. Although Tinka believes that assumptions inherent in the forward-looking statements are reasonable, forward-looking statements are not guarantees of future performance and accordingly undue reliance should not be put on such statements due to the inherent uncertainty therein. Except as may be required by applicable securities laws, Tinka disclaims any intent or obligation to update any forward-looking statement.

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this news release.

#### Notes on core sampling:

All holes are diamond core holes with recoveries generally between 80% - 100%. HQ drill core is marked up, logged, and photographed on site. Cores are cut in half and sampled at the Company's core storage facility, with half-cores stored as reference. Half-core is bagged on average over 2 metre composite intervals and sent to Certimin Laboratory in Lima for assay in batches. Standards and blanks are inserted into each batch prior to departure from the Company's facilities. At the laboratory, samples are dried, crushed to 100% passing 2mm, then 500 grams pulverized for multi-element analysis by ICP using multi-acid digestion. Samples assaying over 25 g/t silver in the ICP are then re-assayed using an ore-grade AAS technique. The AAS result takes priority over the ICP for reporting purposes. In the historic drill holes (CDD1 to CCD35), AAS re-assaying was done when ICP data exceeded 100 g/t silver. The AAS silver values have been found to be generally 1-2% higher than the ICP silver results.

Silver intersections have been calculated on the basis of a 15 g/t cut-off over 6 metre intervals. For intervals of no core recovery within a mineralized interval (see Comments in Table 1), the non-recovered intervals have been given zero grade. Poor core recoveries can occur within zones of broken and/or clay rich rock, or where drills cut old mine workings.

Table 1. Summary of all significant silver oxide drill intersections from Colquipucro (new results highlighted)

Drill hole	From m	To m	Interval m	Silver g/t	Comment
CDD45	4.0	140.0	136.0	75	2.7m no recovery in 4 intervals
including	40.0	54.0	14.0	211	
CDD44	6.0	80.0	74.0	54	
and	90.0	150.0	60.0	92	
including	118.0	128.1	10.1	264	
including	136.0	140.0	4.0	383	
CDD43	26.0	32.0	6.0	40	
and	62.0	72.0	10.0	30	
and	86.0	94.0	8.0	34	
and	104.0	142.9	38.9	200	6.9m no recovery in 3 intervals
including	120.7	131.7	11.0	605	
CDD42	8.0	14.0	6.0	19	
and	20.0	96.0	76.0	61	
including	58.0	66.0	8.0	177	
CDD41	6.0	92.0	86.0	90	7.1m no recovery in 3 intervals
including	18.0	44.0	26.0	119	
including	66.0	78.0	12.0	198	0.8m no recovery in 1 interval
CDD40	1.2	90.0	88.8	50	
and	110.0	124.0	14.0	19	
and	154.0	216.0	62.0	51	
including	202.0	208.0	6.0	169	
CDD39	10.0	16.0	6.0	47	
and	36.0	84.0	48.0	25	1.5m no recovery in 1 interval
and	94.0	134.5	40.5	140	
including	102.0	106.0	4.0	699	
CDD38	38.0	56.0	18.0	28	
and	70.0	80.0	10.0	20	
CDD37	22.0	28.0	6.0	105	
CDD36	NSR				

SIGNIFICANT PAST DRILL RESULTS

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Drill hole	From m	To m	Interval m	Silver g/t	Comment
CDD35	24.0	30.0	6.0	25	
CDD34	74.0	112.3	38.3	56	0.8m no recovery in 1 interval
and	122.0	132.0	19.0	27	
and	152.0	200.0	48.0	29	
CDD33	28.0	54.0	26.0	37	
CDD32	NSR				
CDD31	2.0	70.5	68.5	55	
CDD30	2.0	106.0	104.0	96	1.8m no recovery in 1 interval
including	58.0	70.0	12.0	156	
including	92.0	106.0	14.0	201	
CDD29	2.0	124.0	122.0	76	3.8m no recovery in 2 intervals
including	44.0	68.0	24.0	123	·
including	106.0	120.0	14.0	189	0.4m no recovery in 1 interval
and	158.0	180.0	22.0	23	3.9m no recovery in 2 intervals
CDD28	22.0	132.0	108.0	57	3.6m no recovery in 2 intervals
including	128.0	132.0	4.0	521	stom no recovery in 2 meer vals
CDD27	12.0	42.0	30.0	34	
and	48.0	58.0	10.0	37	
and	66.0	78.0	12.0	33	
	94.0	136.7	42.7	96	
and	94.0 118.0	136.7 126.0	8.0	96 298	
including	24.0	32.5	8.5	298	
CDD26					
and	84.0	162.0	78.0	38	
CDD25	6.0	52.0	46.0	35	
and	70.0	114.0	44.0	36	
and	130.0	144.0	14.0	21	
CDD24	30.0	62.0	32.0	48	
CDD23	12.0	92.0	80.0	105	
including	20.0	30.0	10.0	199	
including	38.0	52.0	14.0	179	
including	82.0	86.0	4.0	306	
CDD22	12.0	98.0	86.0	80	1.5m no recovery in 1 interval
including	14.0	28.0	14.0	132	
including	89.6	96.0	6.4	214	
CDD21	14.0	108.0	94.0	91	1.3m no recovery in 1 interval
including	66.0	78.0	12.0	125	
CDD20	22.0	88.0	66.0	30	10.4m no recovery in 2 workings
CDD19	16.0	68.0	52.0	128	
including	56.0	64.0	8.0	425	
and	96.0	128.9	30.0	35	7.5m no recovery in 2 intervals
CDD18	50.0	56.1	6.1	26	
and	100.0	124.5	24.5	23	0.5m no recovery in 1 interval
CDD17	102.0	126.1	24.1	31	0.8m no recovery in 1 interval
CDD16	50.0	68.0	18.0	37	<del>-</del>
and	85.0	98.0	13.0	102	
and	118.0	146.0	28.0	25	3.4m no recovery in 2 intervals
CDD15	92.0	128.0	36.0	26	•
CDD14	0.0	10.0	10.0	26	
and	22.0	32.0	10.0	66	
and	64.0	82.0	18.0	34	
CDD13	0.0	10.0	10.0	27	
and	18.0	88.0	70.0	123	
including	50.0	62.0	12.0	240	
and CDD12	104.0	118.0	14.0	87	
CDD12	20.0	62.0	42.0	31	
and	70.0	92.0	22.0	71	
including	84.0	90.0	6.0	157	

Drill hole	From m	To m	Interval m	Silver g/t	Comment
CDD11	0.0	80.0	80.0	65	
including	2.0	8.0	6.0	221	
and	88.0	146.0	58.0	123	
including	138.0	146.0	8.0	551	
CDD10	120.0	142.0	22.0	31	
CDD9	42.0	66.0	24.0	39	
CDD8	NSR				
CDD7	80.0	88.0	8.0	113	
CDD6	0.0	66.0	66.0	83	
including	0.0	8.0	8.0	103	
including	28.0	52.0	24.0	129	
and	116.0	120.0	4.0	212	
CDD5	NSR				
CDD4	0.0	54.0	54.0	67	
including	14.0	26.0	12.0	176	
and	96.0	128.0	32.0	265	
including	122.0	128.0	6.0	1003	
CDD3	0.0	32.0	32.0	65	
including	2.0	4.0	2.0	486	
and	62.0	74.0	12.0	26	
and	146.0	148.0	2.0	664	
and	162.0	186.0	24.0	80	
CDD2	62.0	98.0	36.0	55	
CDD1	0.0	34.0	34.0	55	
including	0.0	4.0	4.0	154	
and	66.0	106.0	40.0	35	

Disclaimer: Non-recovered intervals have been assumed to contain zero grade.

NSR = No significant result.

#### Notes on drill hole data (Table 2):

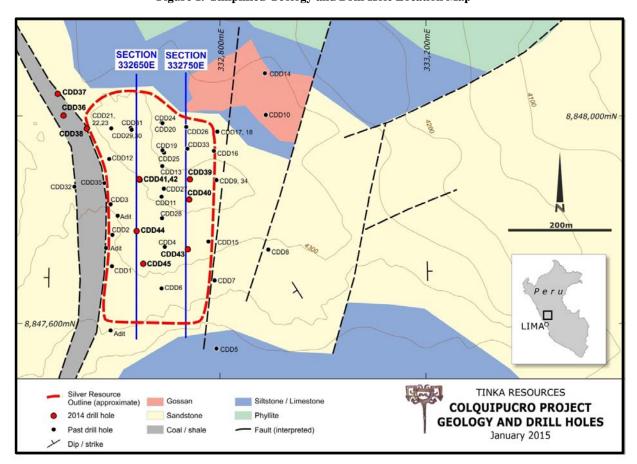
Eastings and Northings are based on PSAD56 Zone18S UTM datum. The coordinates for all holes were surveyed using a theodolite, based on known surveyed points within the project area. Azimuth and dip measurements of drill holes were taken using compass and inclinometer. All holes from CDD36 onwards were down-hole surveyed using a Reflex system (detailed data not shown).

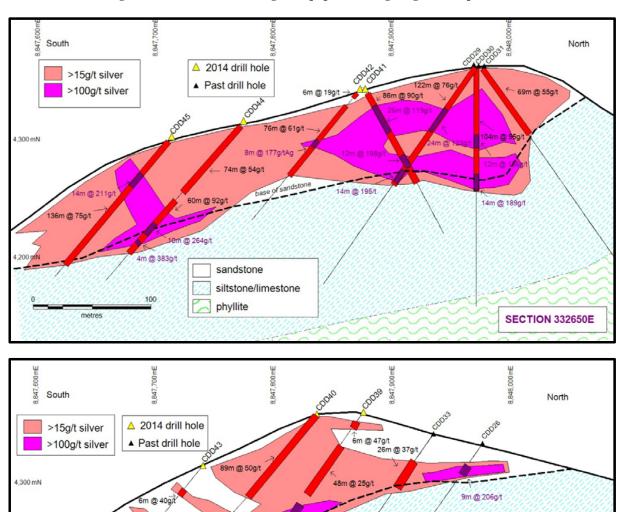
Table 2. Drill hole collar coordinates and hole details

·			Elevation	Depth				
Drill hole	Easting	Northing	m	m	Azimuth	Dip	Comment	Date
CDD36	332498	8848000	4328	201.00	360	-50	New results	2014
CDD37	332484	8848043	4321	114.00	360	-42	New results	2014
CDD38	332541	8847975	4338	114.80	360	-50	New results	2014
CDD39	332744	8847873	4361	147.40	180	-55	New results	2014
CDD40	332743	8847836	4364	232.80	180	-50	New results	2014
CDD41	332645	8847877	4350	141.50	360	-60	New results	2014
CDD42	332645	8847877	4351	146.00	180	-50	New results	2014
CDD43	332738	8847743	4310	147.90	180	-50	New results	2014
CDD44	332637	8847773	4315	179.40	180	-50	New results	2014
CDD45	332647	8847709	4305	153.70	180	-50	New results	2014
PAST COLOUI	PUCRO DRILL H	<u>OLES</u>						
CDD1	332595	8847709	4293	151.94	180	-50	Released	2007
CDD2	332598	8847765	4297	159.65	180	-50	Released	2007
CDD3	332592	8847829	4309	213.20	180	-50	Released	2007
CDD4	332697	8847747	4316	186.95	180	-55	Released	2007
CDD5	332790	8847542	4167	127.60	360	-50	Released	2007
CDD6	332692	8847660	4276	121.00	180	-60	Released	2007
CDD7	332793	8847682	4269	135.00	180	-50	Released	2007
CDD8	332897	8847741	4293	100.40	180	-50	Released	2007
CDD9	332796	8847875	4362	173.85	180	-50	Released	2007
CDD10	332897	8847994	4328	262.15	180	-50	Released	2007
CDD11	332690	8847844	4353	185.20	180	-55	Released	2007
CDD12	332593	8847911	4342	216.70	180	-60	Released	2007

			Elevation	Depth				
Drill hole	Easting	Northing	m	m	Azimuth	Dip	Comment	Date
CDD13	332696	8847897	4349	171.95	180	-50	Released	2007
CDD14	332895	8848075	4314	214.45	165	-70	Released	2007
CDD15	332783	8847750	4308	250.00	180	-60	Released	2007
CDD16	332796	8847926	4343	194.70	180	-50	Released	2011
CDD17	332795	8847958	4335	152.80	180	-50	Released	2011
CDD18	332796	8847962	4335	124.50	360	-60	Released	2012
CDD19	332692	8847933	4343	128.90	180	-60	Released	2012
CDD20	332692	8847985	4333	100.70	180	-60	Released	2012
CDD21	332595	8847973	4368	152.60	180	-60	Released	2012
CDD22	332595	8847973	4368	210.00	360	-60	Released	2012
CDD23	332595	8847973	4368	221.90	360	-90	Released	2012
CDD24	332691	8847986	4333	144.00	360	-50	Released	2012
CDD25	332699	8847926	4340	173.60	360	-90	Released	2012
CDD26	332742	8847975	4329	222.80	180	-55	Released	2013
CDD27	332698	8847856	4361	212.65	180	-58	Released	2013
CDD28	332694	8847799	4336	232.90	180	-53	Released	2013
CDD29	332633	8847973	4362	226.10	180	-55	Released	2013
CDD30	332632	8847973	4362	203.70	360	-90	Released	2013
CDD31	332631	8847977	4362	211.90	360	-55	Released	2013
CDD32	332531	8847852	4305	185.60	360	-55	Released	2013
CDD33	332744	8847925	4340	224.60	180	-55	Released	2013
CDD34	332796	8847875	4362	242.60	180	-62	Released	2013
CDD35	332580	8847870	4319	188.40	180	-53	Released	2013

Figure 1. Simplified Geology and Drill Hole Location Map





14m @ 19g/t

100

sandstone

phyllite

siltstone/limestone

**SECTION 332750E** 

39m @ 200

Figure 2. Cross sections through Colquipucro with geological interpretation