

ASX:TSO OTCQB:TSORF

TESORO

ASX ANNOUNCEMENT 19 OCTOBER 2023

NEW LARGE GOLD ANOMALY DEFINED AT DRONE HILL

Tesoro Gold Limited (Tesoro or **the Company**) (ASX:TSO, OTCQB:TSORF) is pleased to report positive results from surface sampling west of the Ternera Gold Deposit (**Ternera**).

HIGHLIGHTS

- Surface sampling has **delineated a new large outcropping gold anomaly** which has never been drilled at Drone Hill, with wide outcropping intersections of up to 47m returned, including:
 - 47m @ 1.40g/t Au (EZTR004255) including;
 - 9m @ 4.66g/t Au
 - 15m @ 0.53g/t Au (EZTR004132)
 - 3m @ 1.88g/t Au (EZTR004110)
 - 2m @ 5.21g/t Au (EZTR4108)
 - 3m @ 2.11g/t Au (EZTR004282).
- Surface mineralisation now confirmed to extend at least 750m west and 380m south of the Ternera Gold Deposit (refer ASX announcement 18 September 2023).
- Assay results for initial eight (8) scout holes at Kitsune returned prospective lithology and alteration with a similar geological setting to Ternera.
- Results validate the prospectivity of Kitsune as a regional target with **additional drilling** warranted to test high-priority zones.

Tesoro Managing Director, Zeff Reeves, commented:

"These results place the spotlight on Drone Hill as another high-priority prospective gold target for Tesoro. The geology of the area is analogous to the existing Ternera Gold Deposit and is located only 750m west of Ternera. We now have confirmation that surface gold mineralisation extends significantly south and west of our Deposit, with the continuous nature of the surface gold mineralisation highlighting the opportunity for large-scale resource growth. Planning is underway for additional drilling at Drone Hill and Kitsune, which is scheduled to commence in the coming months."

Drone Hill Surface Sampling Results

Detailed, systematic mapping and sampling work conducted at Drone Hill has identified a broad, continuous zone of outcropping gold mineralisation associated with a northwest trending fault system within sedimentary rocks. A number of El Zorro Tonalite (**EZT**) intrusive dykes outcrop to the west of the northwest trending fault system and the intersection of faults with the EZT presenting high-priority drill targets for the next stage of work at Drone Hill (refer Figure 2 below).

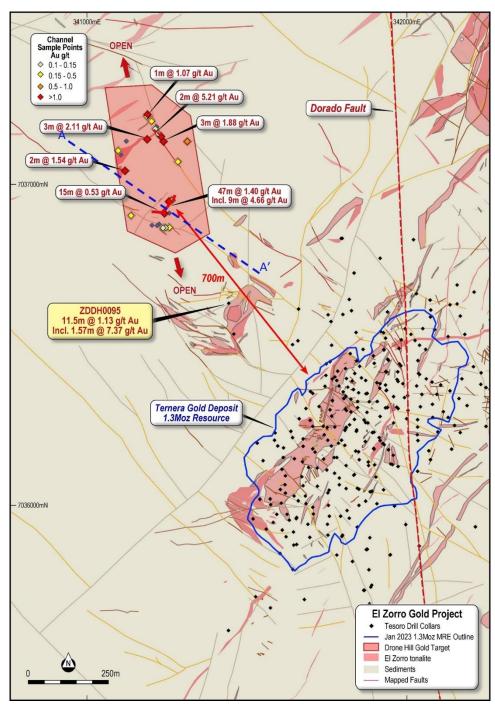


Figure 1 – Geology map and surface sample locations at Drone Hill showing proximity to the Ternera Gold Deposit. Hole ZDDH0095 (ASX Announcement 23 March 2021) is approximately 350m southwest of this new undrilled anomaly. Section line A-A' shows location of section at Figure 2. Datum PSAD56 19S.

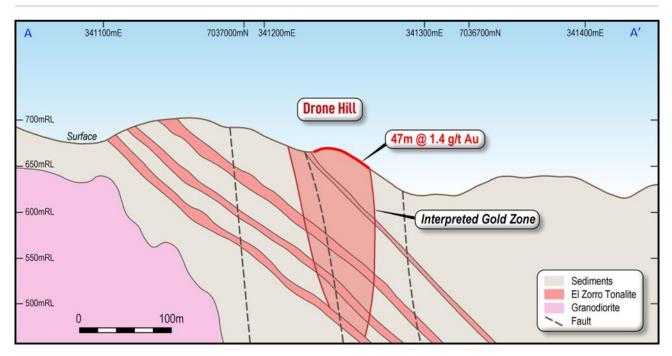


Figure 2 – Drone Hill schematic geology section looking northeast showing prospective gold zone associated with faulting and EZT intrusive units.

Full results are presented in Appendix 1.

Kitsune Drill Results

Results received for the initial eight (8) scout drill holes from the Kitsune Targets show narrow low grade gold intercepts, confirming the prospectivity of the area to host additional gold mineralisation within a similar geological setting to the Ternera Gold Deposit.

All initial holes intersected the target EZT lithology adjacent to the Dorado fault, which are the main gold host at the Ternera Gold Deposit. Due to rugged access and operational issues with the drilling contractor, the highest priority holes at Kitsune are yet to be drilled. Kitsune warrants additional drilling to fully test the extensive surface gold anomaly defined by mapping and sampling.

Full results presented in Appendix 2.

Authorised by the Board of Tesoro Gold Ltd.

For more information:

Company: Zeff Reeves, Managing Director Tesoro Gold Limited info@tesorogold.com.au

For full details of the Ternera Deposit Mineral Resource Estimate (802 koz Indicated, 479 koz Inferred), refer to ASX Announcement dated 9 March 2023. The Company confirms that it is not aware of any new information or data that materially affects the information in that release and that the material assumptions and technical parameters underpinning this estimate continue to apply and have not materially changed.

About Tesoro

Tesoro Gold Limited was established with a strategy of acquiring, exploring, and developing mining projects in the Coastal Cordillera region of Chile. The Coastal Cordillera region is host to multiple world-class copper and gold mines, has well established infrastructure, service providers and an experienced mining workforce. Large areas of the Coastal Cordillera remain unexplored due to the unconsolidated nature of mining concession ownership, but Tesoro, via its incountry network and experience has been able secure rights to a district-scale gold project in-line with the Company's strategy. Tesoro's 95% owned Chilean subsidiary owns 93.8% of the El Zorro Gold Project.



Future Performance

This announcement may contain certain forwardlooking statements and opinions. Forward-looking statements, including projections, forecasts and estimates, are provided as a general guide only and should not be relied on as an indication or augrantee of future performance and involve known and unknown risks, uncertainties, assumptions, contingencies and other important factors, many of which are outside the control of the Company and which are subject to change without notice and could cause the actual results, performance or achievements of the Company to be materially different from the future results, performance or achievements expressed or implied by such statements. Past performance is not necessarily a guide to future performance and no representation or warranty is made as to the likelihood of achievement or reasonableness of any forwardlooking statements or other forecast. Nothing contained in this announcement, nor any information made available to you is, or and shall be relied upon as, a promise, representation, warranty or guarantee as to the past, present or the future performance of Tesoro Gold.

Competent Persons Statements

The information in this report that relates to Exploration Results is based on information compiled by Mr Zeffron Reeves (B App Sc (Hons) Applied Geology) MBA, MAIG). Mr Reeves is a member of the Australian Institute of Geoscientists and a Director and shareholder of the Company. Mr Reeves has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Reeves consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

The information in this report that relates to Mineral Resources is based on information compiled by Mr Lynn Widenbar, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Widenbar is acting as an independent consultant to Tesoro Gold Limited. Mr Widenbar has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration, and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original announcement on 9 March 2023.

APPENDIX 1: DRONE HILL SURFACE SAMPLING RESULTS

TARGET	TRENCH ID	Sample_ID	UTM E	UTM N	din	Azimuth	FROM	TO	widthm_	Au_ppm	 TARGET	TRENCH_ID	Sample_ID	UTM E	UTM N	dip	Azimuth	FROM	TO	widthm_	Au_ppm
DRONEHILL	EZTR004106	TRC193476	341204	7037203	-10	345	0.00	3.00	3.00	0.03	 DRONEHILL	EZTR004255	TRC193998	341235	7036913	40	50	3.00	6.00	3.00	0.02
DRONEHILL	EZTR004107	TRC193477	341203	7037198		350	0.00	2.00	2.00	0.24	 DRONEHILL	EZTR004255	TRC193999	341237	7036915	60	50	6.00	9.00	3.00	0.02
DRONEHILL	EZTR004107	TRC193367	341203	7037169	0	30	0.00	1.00	1.00	6.1	 DRONEHILL	EZTR004255	TRC194000	341237	7036916	45	40	9.00	12.00	3.00	0.03
DRONEHILL	EZTR004108	TRC193368	341215	7037167	0	40	1.00	2.00	1.00	4.32	 DRONEHILL	EZTR004255	TRC192101	341240	7036918	40	40	12.00	15.00	3.00	0.04
DRONEHILL	F7TR004110	TRC193370	341225	7037160	0	40	0.00	1.00	1.00	2.99	 DRONEHILL	EZTR004255	TRC192102	341240	7036920	30	40	15.00	18.00	3.00	2.22
DRONEHILL	EZTR004110	TRC193372	341225	7037159	0	70	1.00	2.00	1.00	0.41	 DRONEHILL	EZTR004255	TRC192102	341242	7036922	30	45	18.00	21.00	3.00	8.74
DRONEHILL	EZTR004110	TRC193373	341226	7037158	0	75	2.00	3.00	1.00	2.25	 DRONEHILL	EZTR004255	TRC192104	341244	7036925	65	40	21.00	24.00	3.00	3.03
DRONEHILL	F7TR004114	TRC193374	341225	7037158	0	70	0.00	1.00	1.00	0.13	 DRONEHILL	E2TR004255	TRC192104	341240	7036927	40	35	24.00	24.00	3.00	0.17
DRONEHILL	EZTR004115	TRC193375	341233	7037150	0	80	0.00	1.00	1.00	3.65	 DRONEHILL	EZTR004255	TRC192107	341250	7036929	30	35	27.00	30.00	3.00	0.06
DRONEHILL	EZTR004116	TRC193376	341233	7037134	-5	240	0.00	1.00	1.00	9.38	 DRONEHILL	EZTR004255	TRC192108	341253	7036931	30	40	30.00	33.00	3.00	0.08
DRONEHILL	EZTR004117	TRC193378	341315	7037134	-5	240	0.00	1.00	1.00	0.64	 DRONEHILL	EZTR004255	TRC192109	341253	7036932	40	35	33.00	36.00	3.00	0.42
DRONEHILL	EZTR004118	TRC193379	341285	7037071	0	70	0.00	2.00	2.00	0.5	 DRONEHILL	EZTR004255	TRC192110	341256	7036934	40	45	36.00	39.00	3.00	1.49
DRONEHILL	EZTR004118 EZTR004119	TRC193379	341265	7036951	0	210	0.00	2.00	2.00	0.72	 DRONEHILL	EZTR004255	TRC192110	341258	7036937	40	43 50	39.00	42.00	3.00	0.11
DRONEHILL	EZTR004119 EZTR004120	TRC193380	341266	7036866	-10	121	0.00	2.00	2.00	0.72	 DRONEHILL	EZTR004255	TRC192112	341259	7036939	4J 40	30 40	42.00	42.00	3.00	0.04
DRONEHILL	EZTR004120 EZTR004121	TRC193381	341256	7036869		140	0.00	2.00	2.00	0.42		EZTR004255	TRC192112	341257	7036941	40	35	42.00	43.00	3.00	0.04
DRONEHILL	EZTR004121 EZTR004122	TRC193382	341236	7036865	-10	270	0.00	2.00	2.00	0.02	 DRONEHILL DRONEHILL	EZTR004255 EZTR004255	TRC192114	341261	7036941	45 35	35	45.00	48.00	3.00	0.66
DRONEHILL	EZTR004122 EZTR004123	TRC193383	341247	7036865	0	285	0.00	2.00	2.00	0.17		EZTR004255	TRC192115	341263	7036945	35 40	35	48.00	54.00	3.00	0.86
DRONEHILL	EZTR004123 EZTR004124	TRC193384 TRC193386	341240	7036865	0	285 300	0.00	1.00	1.00	0.17	 DRONEHILL	EZTR004255 EZTR004255	TRC192116	341264	7036945	40 40	35 30	51.00	54.00 57.00	2.00	0.8 3.98
DRONEHILL	EZTR004124 EZTR004125	TRC193386 TRC193387	341227	7036872	-5	300	0.00	1.00	1.00	0.08		EZTR004255 EZTR004255	TRC192117	341266	7036947	40 20	30	57.00	60.00	3.00	0.7
DRONEHILL	EZTR004125 EZTR004126	TRC193387	341221	7036872		290	0.00	1.00	1.00	0.09		EZTR004255 EZTR004255	TRC192118	341266	7036949	20	30	60.00	63.00	3.00	0.7
-			341205			290	0.00	2.00	2.00		 -		TRC192119	341270			30		63.00 3.00		0.66
DRONEHILL	EZTR004130	TRC193392		7036911	-10					0.07	 DRONEHILL	EZTR004257			7036957	40		0.00		3.00	0.00
DRONEHILL	EZTR004131	TRC193394	341244	7036910	0	20	0.00	1.00	1.00	1.28	 DRONEHILL	EZTR004257	TRC192122	341274	7036959	40	30	3.00	6.00	3.00	0.56
DRONEHILL	EZTR004132	TRC193395	341232	7036913		270	0.00	1.00	1.00	0.69	 DRONEHILL	EZTR004257	TRC192123	341275	7036962	40	30	6.00	9.00	3.00	0.08
DRONEHILL	EZTR004132	TRC193396	341230	7036914		270	1.00	2.00	1.00	2.25	 DRONEHILL	EZTR004258	TRC192124	341258	7036947	30	10	0.00	3.00	3.00	1.39
DRONEHILL	EZTR004132	TRC193397	341228	7036914	-10	280	2.00	3.00	1.00	0.1	 DRONEHILL	EZTR004264	TRC192143	341202	7037242	0	210	0.00	3.00	3.00	0.005
DRONEHILL	EZTR004132	TRC193398	341225 341221	7036914		280	3.00	4.00	1.00	0.6	 DRONEHILL	EZTR004265	TRC192144	341189	7037213	0	240	0.00	1.00	1.00	0.31
DRONEHILL	EZTR004132	TRC193399		7036915		285	4.00	6.00	2.00	0.67	 DRONEHILL	EZTR004266	TRC192146		7037215	0	220	0.00		1.00	
DRONEHILL	EZTR004132 EZTR004132	TRC193400 TRC193701	341217 341214	7036915 7036915		285 280	6.00 7.00	7.00 9.00	1.00	0.16		EZTR004267	TRC192147 TRC192148	341191 341140	7037218 7036903	0	220 230	0.00	1.00	1.00	1.07 0.24
		TRC193701	341214	7036915	-20		9.00	9.00	2.00	0.35	 DRONEHILL	EZTR004268 EZTR004273		341140	7036903	0	230	0.00	2.00	2.00	0.24
DRONEHILL	EZTR004132					280					 DRONE HILL		TRC192154	341152		0					
DRONEHILL	EZTR004132	TRC193703	341211 341208	7036915		285 280	11.00 13.00	13.00 15.00	2.00	0.23	 DRONE HILL	EZTR004274	TRC192155 TRC192156	341132	7037240	0	255 130	0.00	1.00	1.00	0.01
DRONEHILL	EZTR004132	TRC193704		7036915	-10						 DRONE HILL	EZTR004275			7037225	0					
DRONEHILL	EZTR004132	TRC193706	341108	7037093	0	170	15.00	17.00	2.00	0.1	 DRONE HILL	EZTR004276	TRC192157	341132	7037199	0	160	0.00	2.00	2.00	0.04
DRONEHILL	EZTR004132	TRC192037	341271	7037245	0	195	17.00		2.00	0.005	 DRONEHILL	EZTR004277	TRC192158	341128	7037185	0	45	0.00	3.00	3.00	0.005
DRONEHILL	EZTR004132	TRC192038	341229	7037222	0	230	19.00		3.00	0.005	 DRONEHILL	EZTR004278		341136	7037143	0	200	0.00	3.00	3.00	0.01
DRONEHILL	EZTR004132	TRC192039	341200	7037158	-5	220	22.00		3.00	0.01	 DRONEHILL	EZTR004279	TRC192160	341125	7037135	-5	230	0.00	3.00	3.00	0.08
DRONEHILL	EZTR004132	TRC192040	341180	7037143	0	220	25.00	28.00	3.00	0.01	 DRONEHILL	EZTR004280	TRC192162	341112	7037115	-5	220	0.00	3.00	3.00	0.03
DRONEHILL	EZTR004242	TRC192042	341178	7037130	-40	240	0.00	3.00 2.00	3.00	0.01	 DRONEHILL	EZTR004281	TRC192163	341100	7037106	0	190 50	0.00	3.00	3.00	0.23
DRONEHILL	EZTR004243	TRC192043	341168	7037117	0	210	0.00		2.00	0.005	 DRONEHILL	EZTR004282	TRC192125	341190	7037141	40		0.00	3.00	3.00	2.11
DRONEHILL	EZTR004244	TRC192044	341160	7037089	0	170	0.00	3.00	3.00	0.005	 DRONEHILL	EZTR004283	TRC192126	341215	7037174	40	30	0.00	3.00	3.00	0.2
DRONEHILL	EZTR004245	TRC192045	341140	7037074	-20	190	0.00	3.00	3.00	0.02	 DRONEHILL	EZTR004283	TRC192127	341217	7037176	45	35	3.00	6.00	3.00	0.04
DRONEHILL	EZTR004246	TRC192046	341121	7037043	0	180	0.00	2.00	2.00	1.54	 DRONEHILL	EZTR004283	TRC192128	341218	7037178	45	25	6.00	9.00	3.00	0.01
DRONEHILL	EZTR004247	TRC192047	341108	7037018	U	130	0.00	1.00	1.00	0.02	 DRONEHILL	EZTR004283	TRC192130	341220	7037180	40	20	9.00	12.00	3.00	0.08
DRONEHILL	EZTR004248	TRC192048	341198	7037174	U	140	0.00	3.00	3.00	0.005	 DRONEHILL	EZTR004284	TRC192131	341223	7037182	45	40	0.00	2.00	2.00	0.05
DRONEHILL	EZTR004249	TRC192050	341181	7037158	0	150	0.00	3.00	3.00	0.01	 DRONEHILL	EZTR004285	TRC192132	341226	7037186	45	60	0.00	2.00	2.00	0.03
DRONEHILL	EZTR004250	TRC192051	341155	7037142	0	195	0.00	3.00	3.00	0.01	 DRONEHILL	EZTR004285	TRC192133	341228	7037188	45	50	2.00	5.00	3.00	0.005
DRONEHILL	EZTR004251	TRC192052	341142	7037116	0	225	0.00	3.00	3.00	0.01	 DRONEHILL	EZTR004286	TRC192134	341230	7037180	40	50	0.00	3.00	3.00	0.005
DRONEHILL	EZTR004252	TRC192053	341115	7037098	0	150	0.00	3.00	3.00	0.005	 DRONEHILL	EZTR004287	TRC192135	341238	7037186	30	45	0.00	3.00	3.00	0.01
DRONEHILL	EZTR004253	TRC192054	341105	7037089	0	120	0.00	3.00	3.00	0.05	 DRONEHILL	EZTR004288	TRC192136	341237	7037178	30	35	0.00	3.00	3.00	0.005
DRONEHILL	EZTR004255	TRC193997	341234	7036912	40	50	0.00	3.00	3.00	0.32											

APPENDIX 2: KITSUNE DRILLING DETAILS

Kitsune drillhole locations

	Ho	ole Locatio	on	Hole Ori	entation	Drill Depth		
Hole ID	Northing Easting		Elevatio n	Dip	Azimuth	(m)	TARGET	
ZDDH00328	341359	7038855	690	-60	240	233.50	Kitsune	
ZDDH00329	341724	7038695	699	-60	240	200.00	Kitsune	
ZDDH00330	341788	7038750	745	-60	240	200.00	Kitsune	
ZDDH00331	341828	7038480	830	-60	240	146.60	Kitsune	
ZDDH00332	341426	7038921	642	-60	240	100.00	Kitsune	
ZDDH00333	340938	7039755	791	-60	240	130.00	Kitsune	
ZDDH00334	341249	7039400	684	-60	240	51.50	Kitsune (Abandoned)	
ZDDH00335	340938	7039755	791	-60	0	140.10	Kitsune	

Kitsune drillhole results

Hole_ID	From (m)	To (m)	Interval	Au (g/t)	Comments
ZDDH0328	86.00	87.00	1.00	0.91	
ZDDH0328	192.23	196.00	3.77	0.51	
ZDDH0328	194.69	196.00	1.31	1.25	including
ZDDH0329			0.00		NSI
ZDDH0330	34.00	35.00	1.00	0.40	
ZDDH0330	100.00	102.00	2.00	0.52	
ZDDH0331			0.00		NSI
ZDDH0332	19.00	21.00	2.00	0.73	
ZDDH0333			0.00		NSI
ZDDH0334			0.00		Abandoned
ZDDH0335			0.00		NSI

APPENDIX 3: JORC TABLES

JORC CODE, 2012 EDITION | TABLE 1: MINERAL RESOURCE ESTIMATE AND EXPLORATION TARGET

Criteria	JORC Code explanation	Commentary
Sampling techniques	 Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as downhole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling. 	Tesoro has completed 342 diamond drill holes for 110,980m in 2017, 2018, 2020, 2021, 2022 and 2023 (ZDDH0001 to ZDDH00335). Diamond drill holes were drilled with HQ. Sampling was half core at geologically defined and significant mineralisation boundaries. The CP considers the sampling methodologies to be appropriate for this style of mineralisation. Tesoro completed channel sampling. Sampling processes are considered appropriate for the style of mineralisation
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.	Tesoro Diamond drill holes were drilled with HQ. Sampling was half core at geological and significant mineralisation boundaries. The CP consider this appropriate for the style of mineralisation. Tesoro completed channel sampling, Sampling processes are considered appropriate for the style of mineralisation. Channel sampling sites were painted across the sample site by Tesoro geologists to the width of the sample. Surficial material was removed from the sample and fresh rock was sampled where possible.
	 Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done, this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information. 	 Diamond drilling was used to obtain ½ core samples of various lengths (minimum 0.25m), from which 1 kg of material was pulverised passing 200 mesh to produce a 50g charge for fire assay fusion with a gravimetric finish. Multielement assays were completed by 4-acid digest with a 2.5g charge. The CP consider these appropriate assay techniques. Tesoro has completed a channel sampling program. Sampling was by industry standard technique including: location of the station using handheld GPS. Outcrop is brushed with a hand held brush to clean off surficial debris prior to sampling. A continuous rock chip sample is hammered off the outcrop along the painted sample line. Samples of up to 2kg of rock are packed in plastic bags with assay-number tickets stapled to the bag.
Drilling techniques	 Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.). 	Tesoro has completed 342 diamond drill holes for 110,980m in the MRE area. Diamond drill holes were drilled with HQ. Sampling was half core at geological and significant mineralisation boundaries. Standard tube was used.
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed.	Core recovery was estimated using the drillers recorded depth marks against the length of the core recovered. Reviewing the core photos, there are occasional shears/faults where core is broken. There is however no significant core loss.

ASX ANNOUNCEMENT 19 OCTOBER 2023

Criteria	JORC Code explanation	Commentary		
	 Measures taken to maximise sample recovery and ensure representative nature of the samples. 	A single tube system was employed and in general core recovery good.		
	 Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material. 	There appears to be no potential sample bias as there was no regular loss of core.		
Logging	 Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. 	Geological core logging to a resolution of 25 cm was undertaken with a record kept of, inter alia, colour, lithology, weathering, grain size, mineralisation, alteration, geotechnical characteristics etc. Diamond core is stored at the Company's warehouse. Tesoro consider the data to be of an appropriate level		
	 Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography. 	of detail to support a future resource estimation. Logging of diamond core was qualitative and diamond core was photographed.		
	 The total length and percentage of the relevant intersections logged. 	All drilled intervals are logged and recorded.		
Subsampling techniques and	 If core, whether cut or sawn and whether quarter, half or all core taken. 	Drill core was cut, and half core was collected for analysis		
sample preparation	 If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry. 	Tesoro has not completed any percussion drilling.		
	 For all sample types, the nature, quality and appropriateness of the sample preparation technique. 	Collection of half core ensured the nature, quality and appropriateness of the collected sample. The sample preparation of crushing half core at the lab to mm size prior to splitting off a 50g charge (either by cone/quarter or riffle) for pulverisation provides an appropriate and representative sample for analysis.		
	 Quality control procedures adopted for all subsampling stages to maximise representivity of samples. 	Half core was collected for the entirety of the Tesoro drilling, as such there was consistency throughout the drilling. Core was logged by a qualified geoscientist. Each subsample is considered to be representative of the interval.		
	 Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling. 	Sampling of half core is representative of the in-situ material. There are field duplicate samples collected from the diamond core with irregular results. Field drill core duplicates are irregular by nature and it has been recommended by Tesoro's consultants to use coarse reject material to monitor the sample preparation.		
	 Whether sample sizes are appropriate to the grain size of the material being sampled. 	Sample sizes collected were considered appropriate to reasonably represent the material being tested.		
Quality of assay data and laboratory tests	 The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. 	Assays reported in this report were undertaken at the accredited laboratory of ALS Santiago, which is fully certified. Core samples of various lengths were assayed (minimum 0.25m) from which 1kg of material was pulverized passing 200 mesh to produce a 50 g charge for fire assay fusion with gravimetric finish. Multielement assays were completed by 4-acid digest with a 2.5 g charge.		
	 For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. 	determined. Standard chemical analyses were used for grade determination. There was no reliance on determination of analysis by geophysical tools.		
	 Nature of quality control procedures adopted (e.g. standards, blanks, 	QAQC procedures included the insertion of Certified Reference Materials (CRMs) (5%) and blank material (2%), Check samples (5%) and check assaying (5%)		

Criteria	JORC Code explanation	Commentary		
	duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.	Cube Consulting Pty Ltd manage the database for Tesoro. The laboratories used have generally demonstrated analytical accuracy at an acceptable level within 95% confidence limits.		
Verification of sampling and assaying	 The verification of significant intersections by either independent or alternative company personnel. 	A number of independent consulting geoscientists (Cube Consulting, Oliver, and Cooley) external to Tesoro have verified the intersections for holes ZDDH0001 to ZDDH0080. Holes ZDDH0081 onwards have been verified by multiple appropriately qualified Company personnel.		
	• The use of twinned holes.	No twinned holes have been completed		
	 Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. 	Tesoro drilling is digitally entered and stored following documented core handling protocols. The protocols are considered adequate.		
	• Discuss any adjustment to assay data.	No adjustments were made to Tesoro Drilling		
Location of data points	 Accuracy and quality of surveys used to locate drillholes (collar and downhole surveys), trenches, mine workings and 	Tesoro drill hole collars have been surveyed accurately using differential GPS for all holes.		
	other locations used in Mineral Resource estimation.	Channel Sample locations have been located using a handheld GPS		
	Specification of the grid system used.	The grid system used PSAD56 19S		
	 Quality and adequacy of topographic control. 	The topography generated from an accurate topographic survey data completed by a registered surveyor and has been used for the current control.		
Data spacing and distribution	 Data spacing for reporting of Exploration Results. 	Drill hole spacing is variable between 25m and 200m The channel sampling is collected on a nominal 1m long channel, up to a maximum of 3m. this spacing is deemed acceptable for the style of mineralisation.		
	Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral	Areas with up to 50m drill spacing are considered to be suitable for Mineral Resource Estimation. Areas of sparser drilling and at the fringes and depth extents of the deposit have been excluded from the MRE.		
	Resource and Ore Reserve estimation procedure(s) and classifications applied.	Where drill spacing is beyond 50m mineralisation has been interpreted to continue and have been used in the estimation of the Exploration Target. Drill spacing up to 200m has been used in the Exploration Target Estimation		
	 Whether sample compositing has been applied. 	Sample compositing was not employed at the sampling stage.		
Orientation of data in relation	Whether the orientation of sampling achieves unbiased sampling of possible	Drill holes were drilled across the interpreted strike of the mineralisation.		
to geological structure	structures and the extent to which this is known, considering the deposit type.	Channel samples are generally, where p[possible, sampled perpendicular to interpreted geological structures.		
	 If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material. 	Tesoro diamond drilling at various orientations does not reveal any bias regarding the orientation of the mineralised horizons.		
Sample security	 The measures taken to ensure sample security. 	Chain of Custody of digital data is managed by the Company. Physical material was stored on site and, when necessary, delivered to the assay laboratory. Thereafter laboratory samples were controlled by the nominated laboratory which to date has been Bureau Veritas and ALS Santiago. All sample collection was controlled by digital sample control file(s) and hardcopy ticket books.		
Audits or reviews	 The results of any audits or reviews of sampling techniques and data. 	No audits have been undertaken.		

Section 2: Reporting	of Exploration	Results
----------------------	----------------	---------

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	 Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. 	Information regarding tenure is included in the company's June 2023 quarterly report released to the ASX on 36 July 2023. Tesoro Resources Ltd, 95% owned Chilean subsidiary, Tesoro Mining Chile SpA, owns 94% of the El Zorro Gold Project Concessions.
	 The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area. 	The Concession is believed to be in good standing with the governing authority and there is no known impediment to operating in the area.
Exploration done by other parties	 Acknowledgment and appraisal of exploration by other parties. 	Little historical exploration has been undertaken in either project area. Coeur d'Alene's Chilean exploration division undertook activities on the Ternera prospect, under an option agreement with the previous owners between April 1990 and January 1993.
Geology	 Deposit type, geological setting and style of mineralisation. 	 The mineralisation model is considered to be an intrusive related gold deposit. The key characteristics that are consistent with this style deposit include: Low sulphide content, (typically <5%); reduced ore mineral assemblage that typically comprises pyrite and lacks primary magnetite or hematite
		 Mineralisation occurs as sheeted vein deposits or stockwork assemblages and often combine gold with variably elevated Bi, W, As, Mo, Te, and/or Sb but low concentrations of base metals as seen in the initial four holes by Tesoro at El Zorro
		 Restricted and commonly weak proximal hydrothermal alteration Intrusions of intermediate to felsic composition.
Drillhole information	 A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drillholes: easting and northing of the drillhole collar 	All material information is presented in the report
	 elevation or RL (Reduced Level – elevation above sea level in metres) of the drillhole collar 	
	 o dip and azimuth of the hole o downhole length and interception depth o hole length. 	
	 If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case. 	
Data aggregation methods	 In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated. 	No cutting of grades has been undertaken at this early stage of exploration drilling. Downhole intercepts are calculated using a length weighted averaging method

Criteria	JORC Code explanation	Commentary
	 Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. 	Down hole length weighted average results are calculated using a 0.20g/t Au cut off and a maximum of 5m internal dilution
	 The assumptions used for any reporting of metal equivalent values should be clearly stated. 	No metal equivalents are reported.
Relationship between mineralisation	 These relationships are particularly important in the reporting of Exploration Results. 	
widths and intercept lengths	 If the geometry of the mineralisation with respect to the drillhole angle is known, its nature should be reported. 	The mineralisation forms sub-vertical sheeted veins and individual veins and may form plunging zones within the mineralised structures. Drilling by Tesoro has been undertaken to test these orientations.
	 If it is not known and only the downhole lengths are reported, there should be a clear statement to this effect (e.g. 'downhole length, true width not known'). 	
Diagrams	 Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drillhole collar locations and appropriate sectional views. 	Relevant maps and diagrams are included in the body of the report.
Balanced reporting	• Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	All material assay results from drilling are reported.
Other substantive exploration data	 Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances. 	All material exploration data is reported in the body of the report.
Further work	 The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling). 	Further work will be focused on drill testing the Ternera mineralisation and additional prospects as defined in the work program. Core will be used for metallurgical testwork and further resource modelling is planned.
	 Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive. 	Diagrams have been included in the body of this report.