



Porphyry Pearl Project
Toodoggone Mining District, British Columbia

Titan 24 IP Survey (Quantec)
August 2009

Interpretation of Results

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Introduction

In August of 2009, Starfire Minerals Inc. commissioned Quantec Geoscience to conduct a Titan 24 survey on four lines totaling 10.1 kilometers and spaced at 400 meter intervals. The objective was to provide greater target definition in the area of the 2007 and 2008 drilling campaigns on the Porphyry Pearl zone where diamond drill intersections provided encouraging results as shown in the table below.

Table 1. 2007 & 2008 Drill Hole Summary

Hole #	From	To	Meters	Au (g/t) ¹	Cu %	Zn % eq Au ² (g/t)	Remarks	
1							no significant results	
2	194.00	209.00	15.00	0.352	0.033	0.104	0.504	
2	328.00	356.00	28.00	0.423	0.027	0.271	0.718	
includes	341.00	356.00	15.00	0.634	0.037	0.313	0.983	
3							not on PP zone	
4							not on PP zone	
5	51.83	128.00	76.17	0.463	0.054	0.056	0.607	
includes	51.83	111.76	59.93	0.431	0.050	0.061	0.574	
and	118.00	128.00	10.00	0.768	0.088	0.047	0.962	
6	103.02	311.20	208.18	0.701	0.046	0.095	0.867	
includes	299.92	301.90	1.98	13.570	0.027	0.140	13.744	Au by metallic assay
7	89.31	99.97	10.66	0.617	0.058	0.053	0.765	
7	124.36	264.72	140.36	0.668	0.066	0.233	0.995	
7	294.44	304.34	9.90	0.863	0.069	0.102	1.074	
7	328.12	340.00	11.88	0.508	0.051	0.650	1.189	
7	381.61	395.48	13.87	1.078	0.012	0.130	1.216	
8	90.98	154.84	63.86	0.604	0.047	0.165	0.835	
8	295.50	324.92	29.42	1.125	0.080	0.167	1.415	
8	367.59	395.94	28.35	0.362	0.046	0.255	0.674	
9	110.03	183.18	73.15	0.396	0.049	0.116	0.586	
9	250.24	321.56	71.32	0.496	0.054	0.194	0.764	
9	347.32	361.49	14.17	0.277	0.022	0.657	0.915	
10	175.26	311.96	136.70	0.915	0.051	0.157	1.147	
includes	258.47	260.45	1.98	23.820	0.040	0.930	24.739	Au by fire assay
11	89.92	99.06	9.14	0.721	0.042	0.047	0.836	
11	117.35	260.60	143.25	0.508	0.054	0.141	0.729	

(1) g/t = grams per tonne.

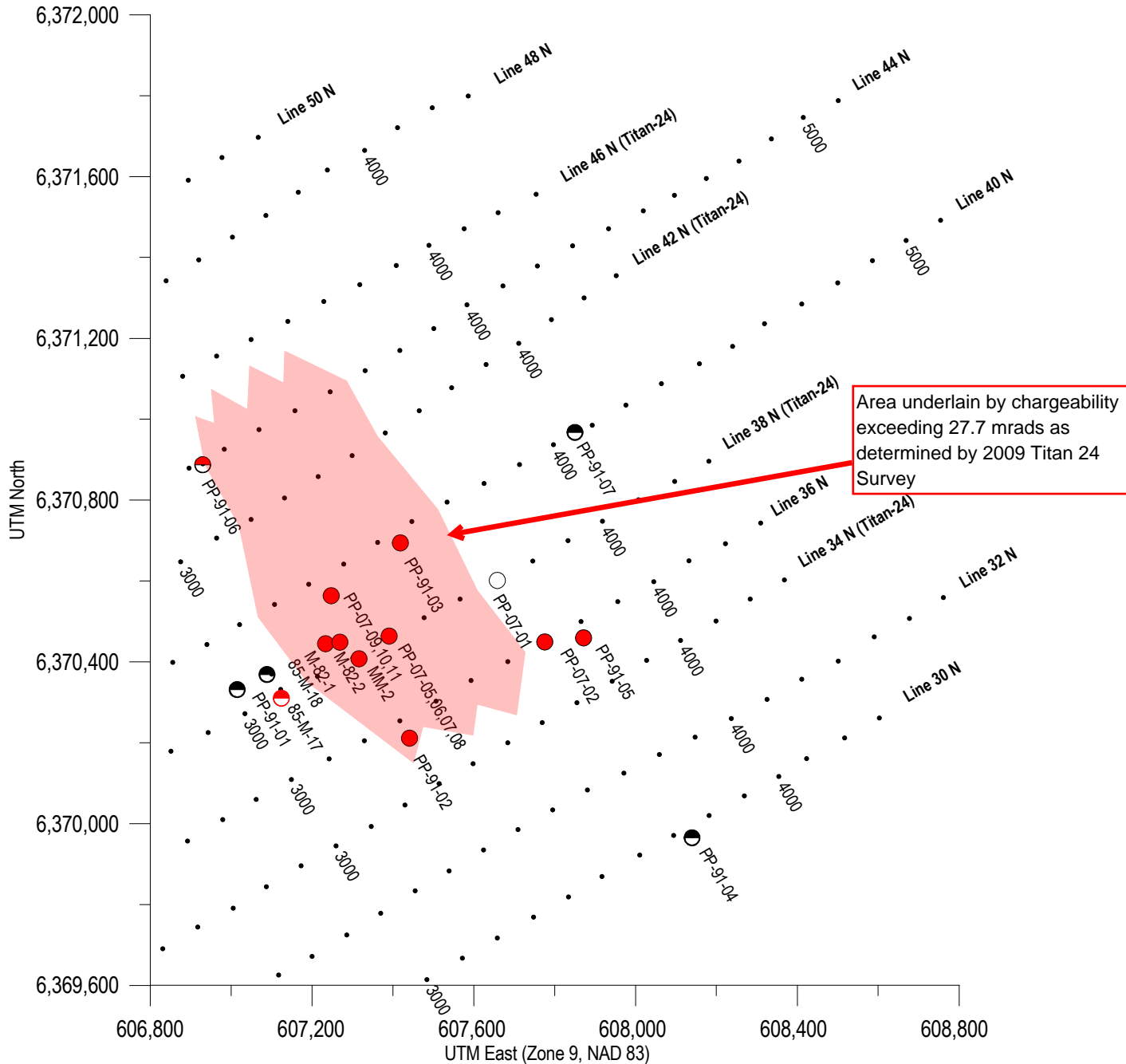
(2) equiv Au = Equivalent gold calculations use metal prices of US\$1.50 for copper (Cu), \$US 0.80 for zinc (Zn) and US\$600/oz for gold (Au). Metallurgical recoveries and net smelter returns for all metals are assumed to be 100%. Equivalent gold = Au g/t + (Cu% x 33.07/19.29) + (Zn% x 17.64/19.29).

The Titan Survey produced a persistent anomaly traceable over a strike of 1,200 meters in the Porphyry Pearl intrusion which, when the drilling results were overlaid on the no-reference

chargeability sections, provided an encouraging combination of anomaly definition and explanation of Starfire's and previous operator's drill results.

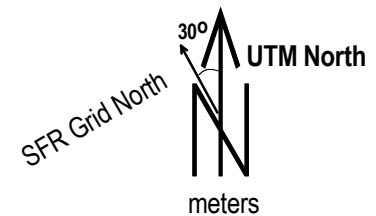
The following geological interpretation assumes that a chargeability threshold of 27.7 mrad represents a viable target, as supported by the diamond drill results. The sections on 200-meter centres are from the 3D inversion model produced by Quantec. The 27.7 mrad threshold defines a target over an 800-meter strike, although lower thresholds would allow extension over the entire strike of the area surveyed.

**Starfire Minerals Inc.
 Porphyry Pearl Project
 Porphyry Pearl Zone
 Toodoggone District, B.C.
 Titan 24 Anomaly Outline
 and
 Diamond Drill Hole Collars**



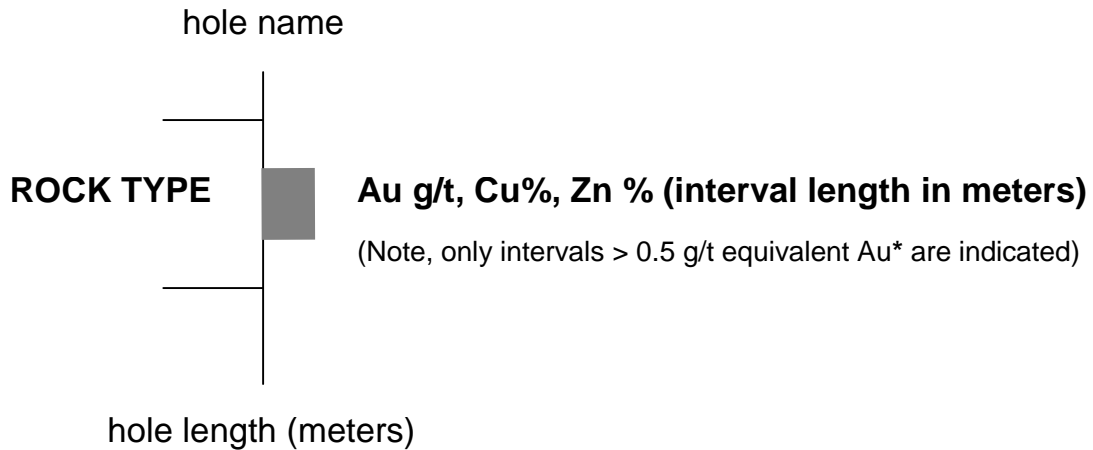
- 3000 SFR 2006 Grid Station (Grid East)
- PP-91-01 Diamond Drill Hole Collar - no significant intervals intersected in PP intrusion.
- PP-07-02 Hole intersecting >0.5 g/t equivalent gold over 10 meters in PP intrusion
- ◐ 85-M-17 Hole intersecting >0.5 g/t equivalent gold in overlying volcanics (too shallow to intersect intrusion)
- ◑ 85-M-18 Hole intersecting no significant values in overlying volcanics (too shallow to intersect intrusion).

Note: Holes prefixed PP-07 & PP-08 drilled by Starfire Minerals Inc. Holes prefixed MM-, M-82, 85-M, and PP-91 drilled by prior operators.



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Porphyry Pearl Project, British Columbia
Titan 24 DC/IP Survey – PP Zone

Legend for Drill Hole Data



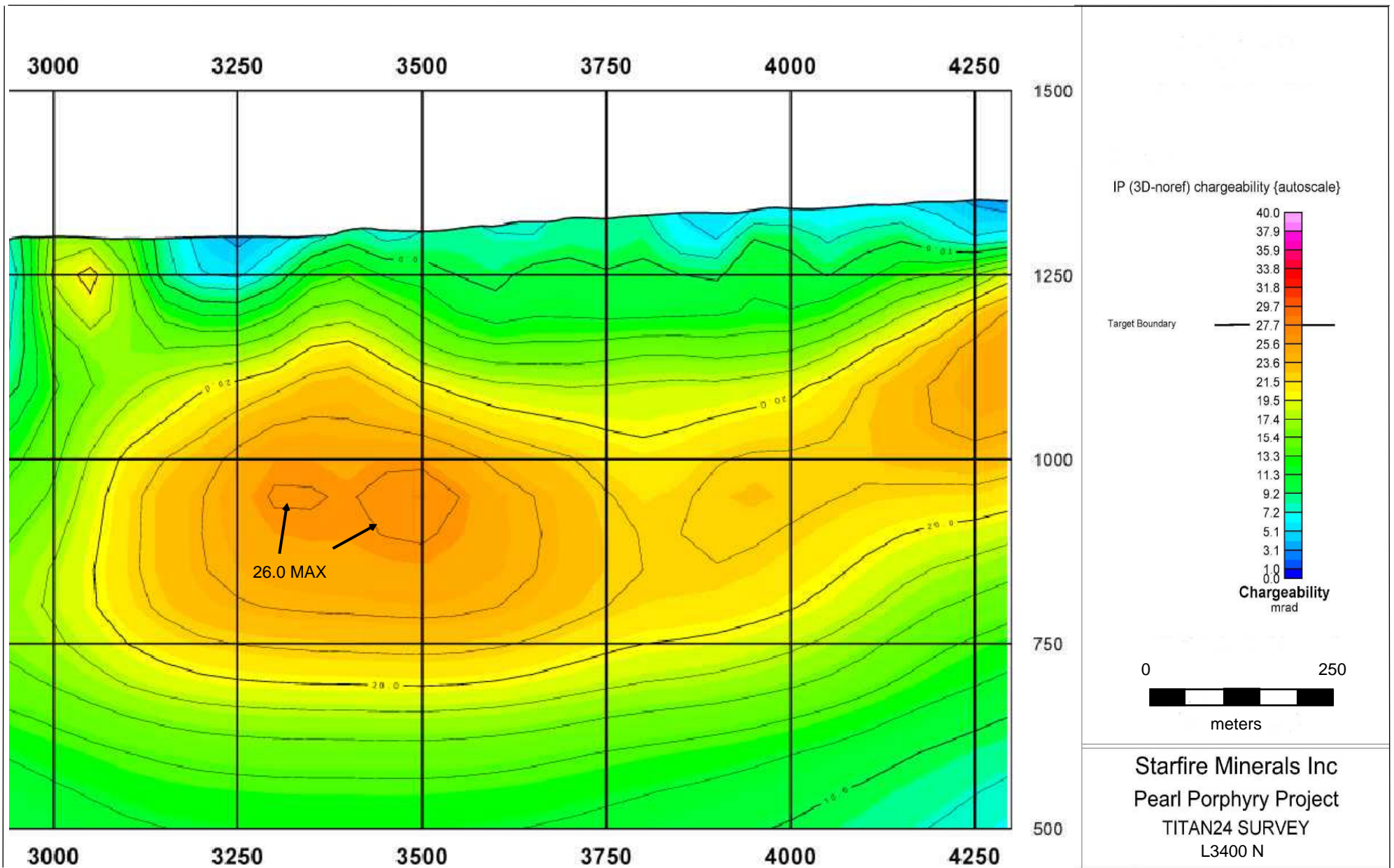
Rock Type Codes in drill holes

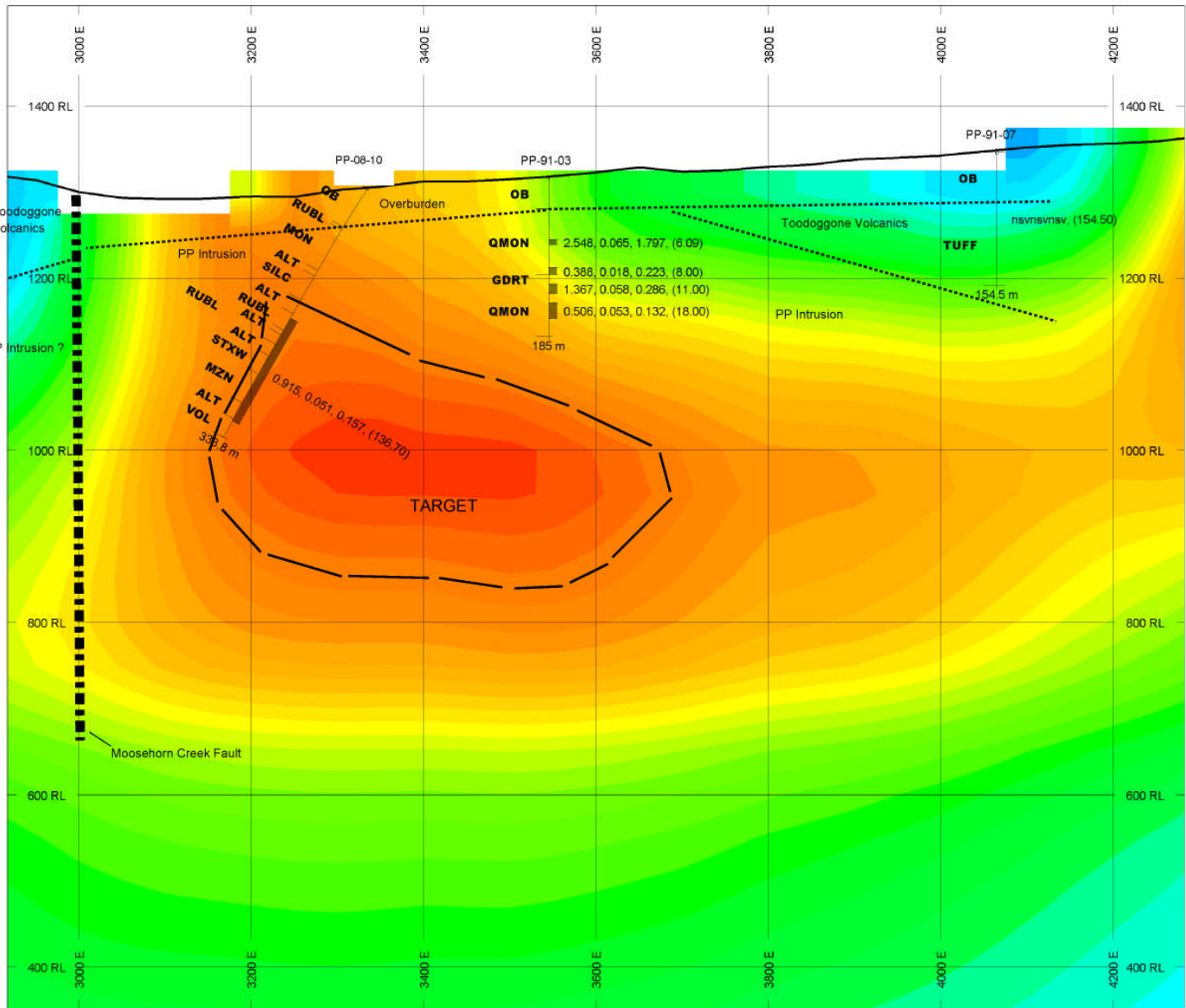
ALT	altered section, rock not determined	QMON	quartz monzonite
AND	andesite	RUBL	rubble zone
BX	breccia	SILC	silicified zone
DYKE	dike - usually andesite	STXW	stockworks
FLT	fault zone	STRG	stringer zone
GDRT	granodiorite	TRNS	transition zone
INTBX	intrusive breccia	TUFF	tuff
MON	monzonite	VOL	volcanic, undifferentiated
OB	overburden		

* equivalent Au = Equivalent gold calculations use metal prices of US\$1.50 for copper (Cu), \$US 0.80 for zinc (Zn) and US\$600/oz for gold (Au). Metallurgical recoveries and net smelter returns for all metals are assumed to be 100%. Equivalent gold = Au g/t + (Cu% x 33.07/19.29) + (Zn% x 17.64/19.29).

Contact and Target Interpretations







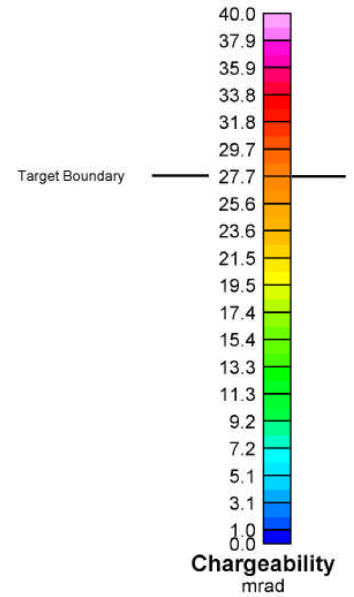
HOLES PLOTTED

TOTAL 3

PP-07-10 PP-91-03 PP-91-07

DDH with

IP (3D-noref) chargeability {autoscale}



DISPLAY = Au g/t, Cu %, Zn % (interval Length)

0 250

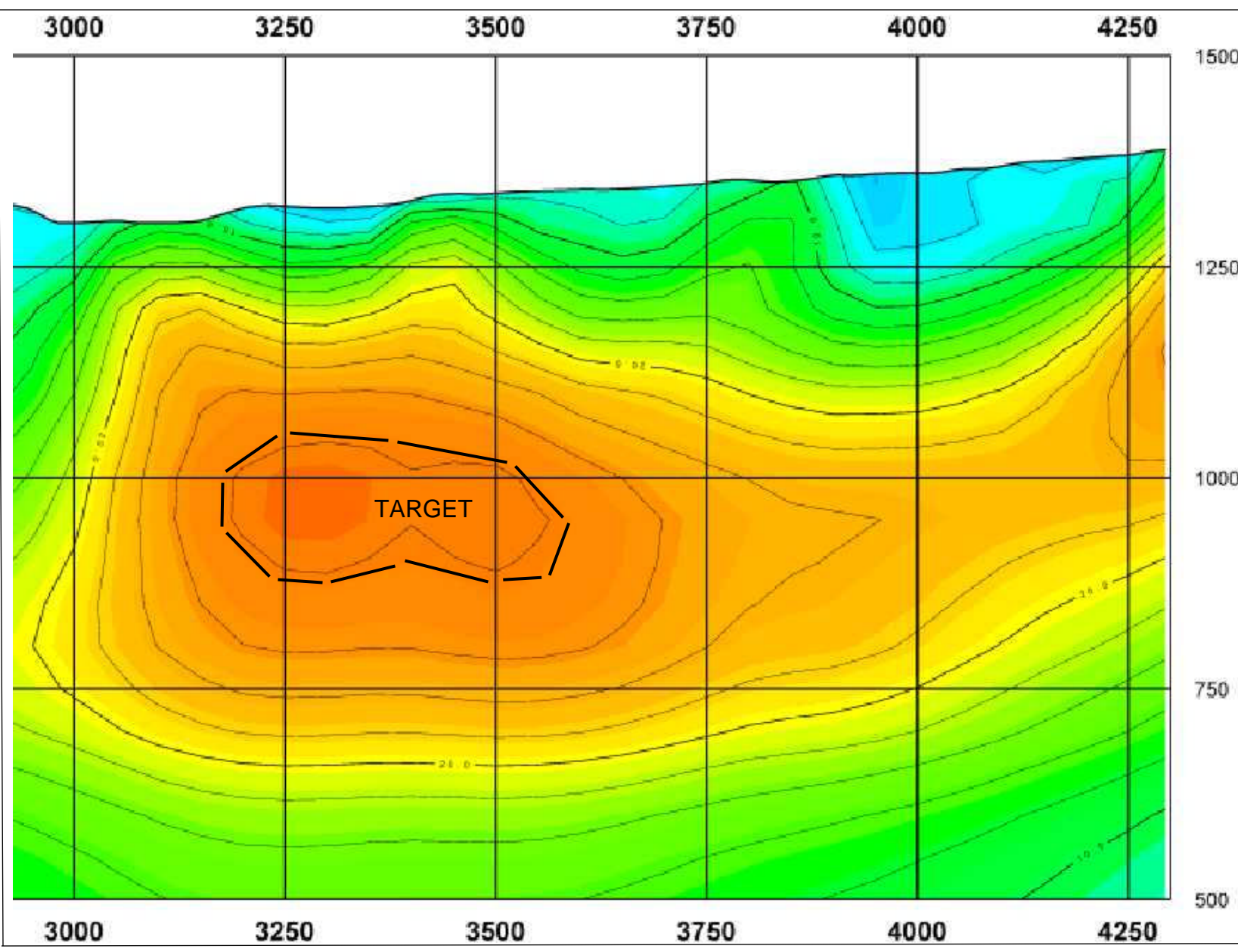
meters

POSTED TEXT L/R TEXT ITEMS

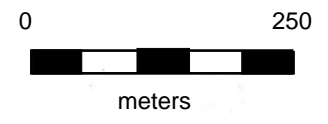
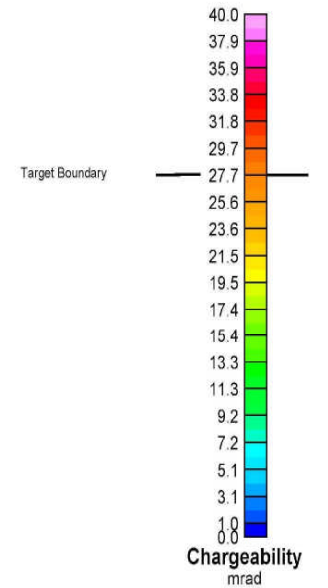
LITHO L ----- All

DISPLAY R ----- All

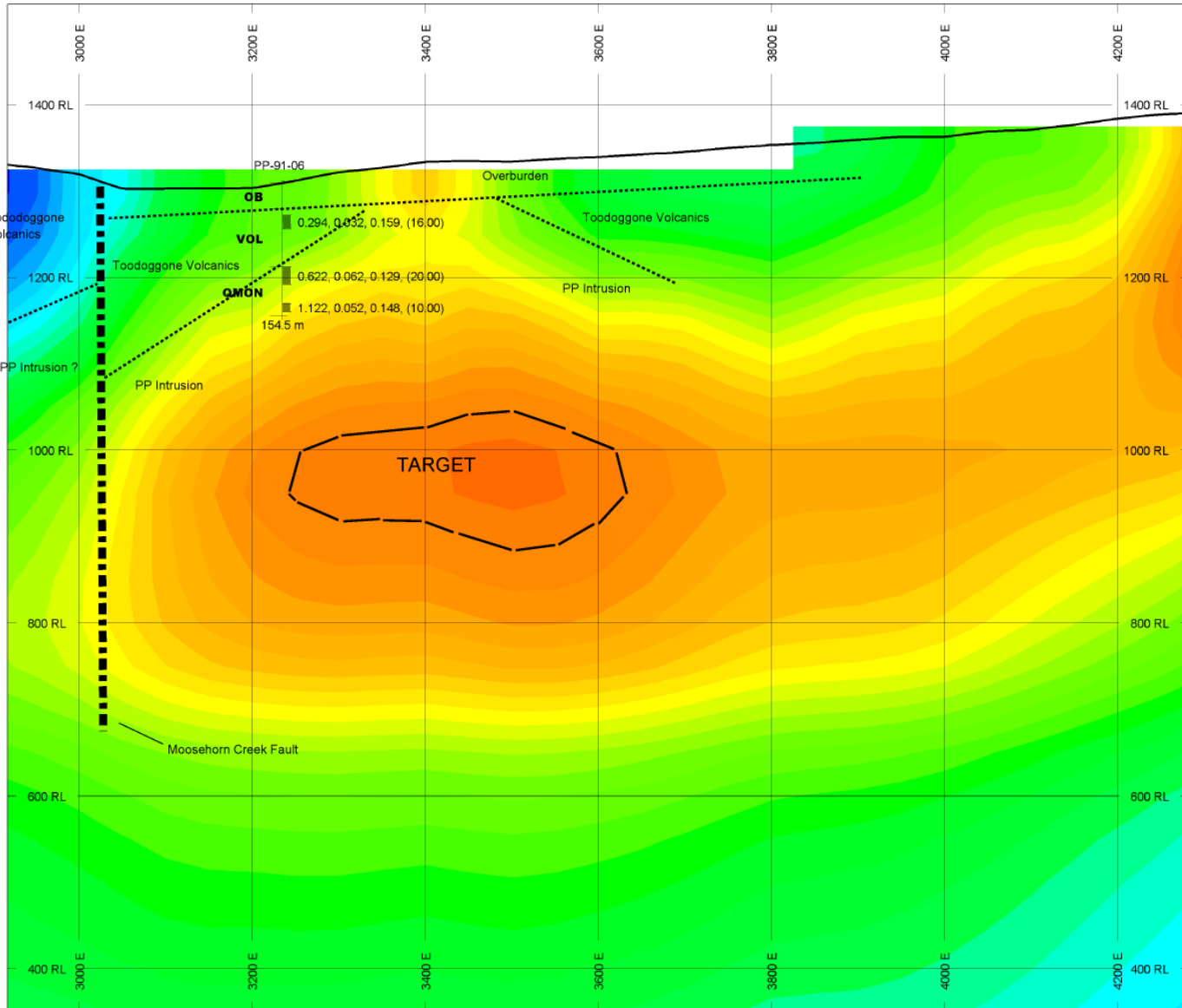
Starfire Minerals Inc
Pearl Porphyry Project
TITAN24 SURVEY
L4000N



IP (3D-noref) chargeability (autoscale)



Starfire Minerals Inc
 Pearl Porphyry Project
 TITAN24 SURVEY
 L4200N



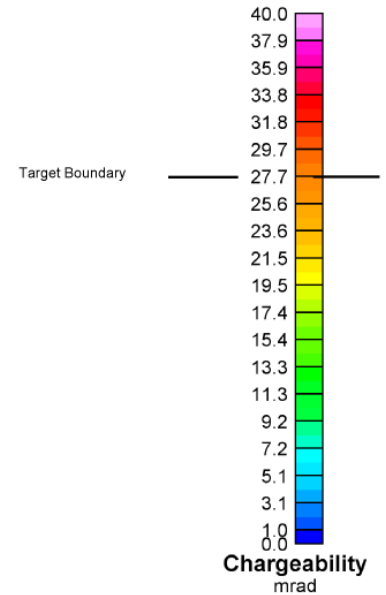
HOLES PLOTTED

TOTAL 1

PP-91-06

DDH with

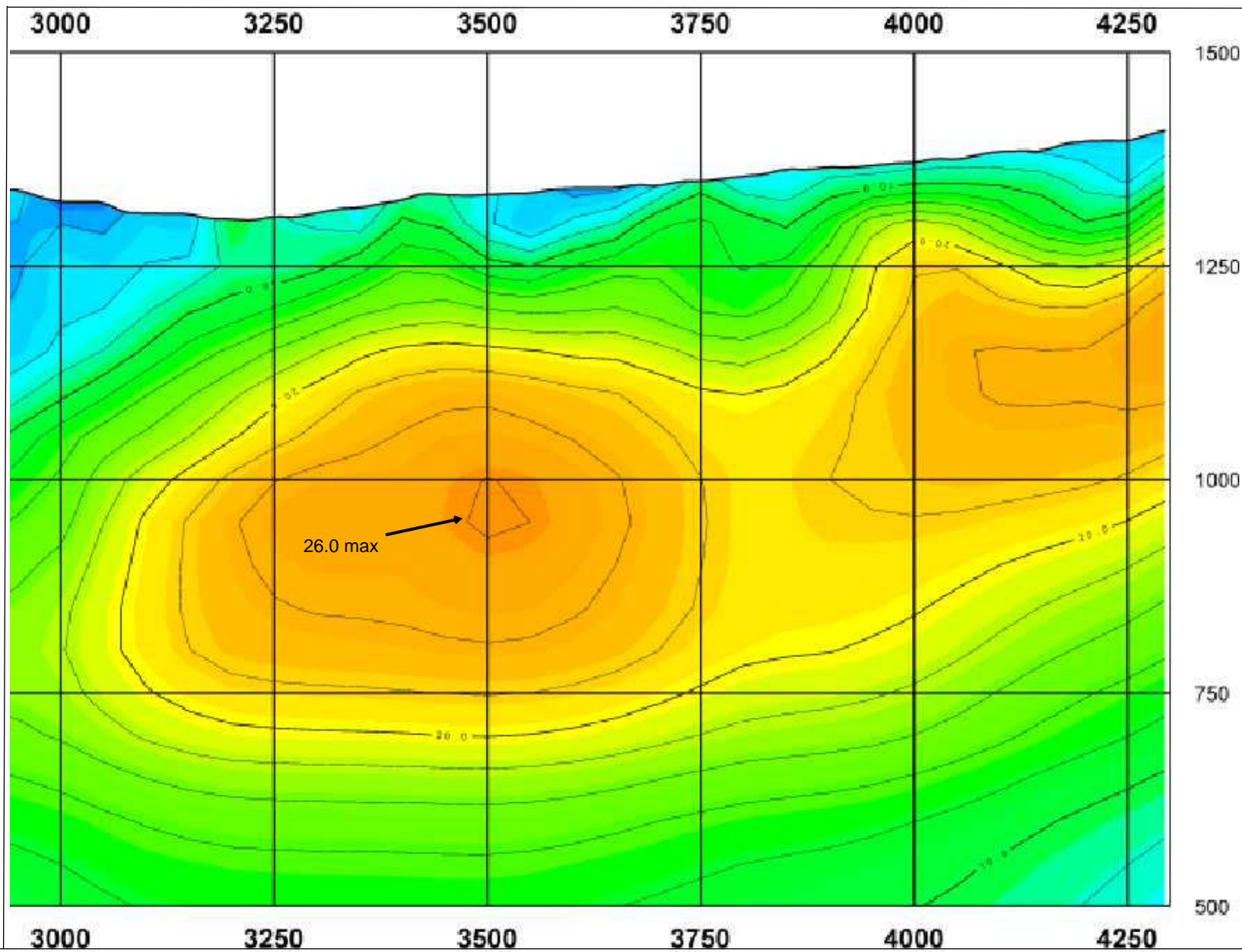
IP (3D-noref) chargeability {autoscale}



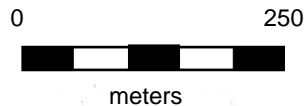
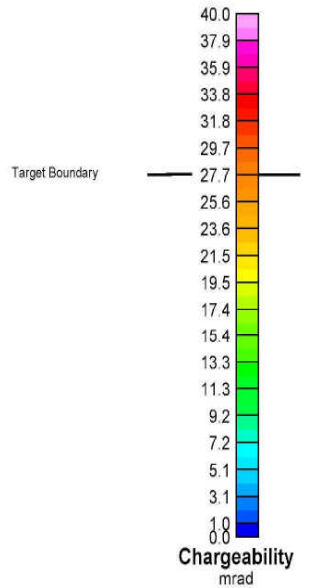
DISPLAY = Au g/t, Cu %, Zn % (interval Length)

POSTED TEXT	L/R	TEXT	ITEMS
LITHO	L	-----	All
DISPLAY	R	-----	All

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TITAN24 SURVEY
L4400N



IP (3D-noref) chargeability (autoscale)



Starfire Minerals Inc
 Pearl Porphyry Project
 TITAN24 SURVEY
 L4600N