

QA Report : Warrant Focus

Stock	Warrant Price(Bt)		Underlying (Baht)	Time Left (Year)	Exe. Price (Baht)	Exe. Ratio	Premium (%)	All in Premium (%)	Volatility (%)	Warrant Remaining (Mil.Unit)	Gearing (X)	Expiry Date	Exercise Period
	Market	Black Scholes											
7UP-W4	0.23	0.26	0.62	2.92		1 : 1	-10.97		81.62	605.92	2.70	08-Aug-22	Last Trading of June
AJA-W1	0.02	N/A	0.19	0.20	1.53	1 : 1.30972	N/A	935.42	69.40	749.96	12.44	20-Nov-19	Last trading day of Mar, Sept
AKR-W1	0.17	0.04	0.77	1.72	1.00	1 : 1	296.23	51.95	30.69	671.57	4.53	30-May-21	Last trading day of Feb, May, Aug ,Nov
ALT-W1	0.55	0.18	2.66	1.28	3.00	1 : 1	208.75	33.46	25.03	230.98	4.84	18-Dec-20	15th of Mar,Sept
APEX-W1	0.02	0.02	0.18	1.81	0.40	1 : 1	15.41	133.33	60.25	499.97	9.00	30-Jun-21	Last trading day of June, Dec
APURE-W2	0.11	0.42	0.92	1.74		1 : 1	-73.7		41.89	95.83	8.36	04-Jun-21	Last trading day of Mar, June, Sept, Dec
AS-W1	0.06	0	0.85	0.68	2.00	1 : 1	N/A	142.35	45.88	102.47	14.17	14-May-20	25 Jun and 25 Dec of each year
AYUD-W1	3.76	4.22	41	0.66	39.00	1 : 1	-10.84	4.29	29.40	78.56	10.90	08-May-20	15th of Jun, Dec
B52-W1	SP	N/A	0.23	0.01	2.41	1 : 0.622	N/A	592.25	52.31	658.50	14.31	11-Sep-19	Last trading day of June, Dec
B52-W2	0.01	0	0.23	0.74	7.50	1 : 0.2	N/A	633.04	52.31	1,756.00	4.60	05-Jun-20	Last trading day of June, Dec
BKD-W2	0.14	0	2.78	3.23	3.97	1 : 1.00731	N/A	48.23	10.58	358.73	20.00	30-Nov-22	Last trading day of Nov
BM-W1	0.16	0.02	2.1	0.93	4.00	1 : 1	737.79	98.10	41.86	110.00	13.13	14-Aug-20	16 Aug 2020
BROOK-W5	0.24	0.15	0.49	2.70	0.25	1 : 1	60.34	0.00	41.07	1,407.54	2.04	20-May-22	Last trading day of Mar, June, Sept, Dec
BTS-W4	3.44	3.37	13.9	0.22	10.38	1 : 1.011	2.03	-0.55	24.14	611.53	4.09	29-Nov-19	Last trading day of Mar, June, Sept, Dec
B-W3	0.01	0	0.32	1.30	4.99	1 : 0.12024	N/A	175.85	83.37	3,437.23	3.85	28-Dec-20	30 of Nov
B-W4	0.08	0.06	0.32	1.81	0.92	1 : 1.3087	37.13	278.10	83.37	96.85	5.23	01-Jul-21	Last trading day of June, Dec
CGD-W4	0.14	0	1.02	1.80	2.75	1 : 1	N/A	183.33	23.24	1,652.87	7.29	26-Jun-21	Last trading day of June, Dec
CGH-W3	0.03	0.01	0.86	1.72	2.00	1 : 1	N/A	136.05	32.71	1,445.62	28.67	28-May-21	Last trading day of May,Nov
CHEWA-W1	0.02	0	0.71	0.22	1.75	1 : 1	N/A	149.30	31.00	467.34	35.50	27-Nov-19	28 Dec 18, 28 Jun 19, 27 Nov 19
CHO-W2	0.18	0.1	0.88	1.31	0.86	1 : 1	83.33	18.18	30.95	649.42	4.89	30-Dec-20	Last trading day of June, Dec
CI-W1	0.09	0	1.07	0.72	2.16	1 : 1.0172	N/A	112.44	25.81	98.86	12.09	29-May-20	Last trading day of May,Nov
CKP-W1	1.30	0.7	6.3	0.72	6.00	1 : 1.0007	86.66	15.88	28.54	1,276.18	4.85	28-May-20	Last trading day of Mar, June, Sept, Dec
CRANE-W1	1.31	0.27	2.12	0.81	3.00	1 : 1	376.64	103.30	68.96	60.63	1.62	02-Jul-20	15th of Jan, Jul
DCC-W1	0.74	0.6	2.02	1.66	1.15	1 : 1	22.45	-6.44	21.88	1,907.75	2.73	08-May-21	8 May 2019, 8 May 2020, 8 May 2021
DOD-W1	2.50	1.93	12.2	1.83	15.75	1 : 1	29.61	49.59	62.88	182.22	4.88	07-Jul-21	Last trading day of May,Nov

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	Market	Black Scholes												
EARTH-W4	SP	0.01	N/A	0.46	0.01	6.86	1 : 1.02	N/A	1421.57	237.11	1,409.63	46.92	14-Sep-19	15th of Mar, Sep
ECF-W3		0.98	0	2.36	1.45	5.00	1 : 1.0008	N/A	153.33	23.52	129.95	2.41	20-Feb-21	25 May 19, 25 Aug 19, 25 Nov 19, 25 Feb 20, 2
ECL-W3		0.57	0.13	1.67	1.41	1.85	1 : 1	332.95	44.91	30.39	554.43	2.93	05-Feb-21	Last Business Day of every six months from the is
EFORL-W3		0.01	0.01	0.05	0.73	0.60	1 : 1	N/A	1120.00	214.58	1,377.16	5.00	01-Jun-20	22 Jun and 22 Dec of each year
EFORL-W4		0.01	0.01	0.05	0.73	0.50	1 : 1	-6.98	920.00	214.58	772.51	5.00	01-Jun-20	22 Jun and 22 Dec of each year
EIC-W2		0.01	0.01	0.04	0.85	1.00	1 : 2.32054	N/A	5627.31	217.71	190.75	9.28	16-Jul-20	Last trading day of June, Dec
EIC-W3		0.03	0.04	0.04	1.77	1.00	1 : 2.32054	-27.2	5743.34	217.71	16.42	3.09	16-Jun-21	Last trading day of June, Dec
EMC-W6		0.13	0.09	0.24	4.10	0.15	1 : 1	43.59	16.67	49.43	4,216.75	1.85	15-Oct-23	15th of Apr, Oct
EPCO-W3		0.99	0.52	4.38	1.27	4.83	1 : 1.0361	91.4	33.97	37.94	85.54	4.58	16-Dec-20	Last trading day of Jan, Apr, Jul, Oct
FVC-W2		0.22	0.01	0.5	0.80	0.96	1 : 1.04545	2095.94	141.55	53.41	138.79	2.38	26-Jun-20	Last Trading of June
GJS-W3		0.01	0	0.13	0.41	0.17	1 : 0.5	N/A	18.00	82.62	3,674.43	6.50	07-Feb-20	Last trading day of June, Dec
GSTEEL-W1	SP	0.01	0	0.09	0.05	2.75	1 : 0.2	N/A	593.33	201.18	5,676.19	1.80	27-Sep-19	Last trading day of June, Dec
GSTEEL-W2	SP	0.01	0	0.09	0.05	2.75	1 : 0.2	N/A	593.33	201.18	1,348.65	1.80	27-Sep-19	Last trading day of June, Dec
HPT-W1		0.30	0.21	0.69	1.74	0.50	1 : 1	44.57	15.94	36.78	110.50	2.30	04-Jun-21	Last trading day of June, Dec
IHL-W1		1.01	0.97	4.46	0.09	3.45	1 : 1.013	4.09	0.09	46.21	13.04	4.47	12-Oct-19	Last trading day of Mar, Sept
ITEL-W1		0.50	0.06	3.4	1.70	5.00	1 : 1	682.41	61.76	24.85	249.99	6.80	22-May-21	Last trading day of Mar, June, Sept, Dec
JAS-W3		3.54	2.74	6.6	0.82	3.61	1 : 1.192	29.02	9.84	41.34	1,304.56	2.22	05-Jul-20	Last trading day of Mar, June, Sept, Dec
JCK-W5		0.22	0	1.24	0.81	3.50	1 : 1	N/A	200.00	27.33	241.12	5.64	30-Jun-20	Last trading day of Mar, June, Sept, Dec
JKN-W1		1.88	0.03	8.3	0.67	15.00	1 : 1	5788.91	103.37	37.93	108.00	4.41	10-May-20	15 Dec 2018, 15 Jun 2019, 15 Dec 2019, 8 May
JMT-W2		3.24	2.5	18.4	1.97	18.62	1 : 1.02031	29.57	19.20	35.22	222.00	5.79	27-Aug-21	Last trading day of Mar, June, Sept, Dec
J-W1		0.52	0.02	0.99	2.75	2.00	1 : 1	3218.06	154.55	26.18	156.48	1.90	10-Jun-22	Last trading day of Mar, June, Sept, Dec
LIT-W1		1.42	0.51	5.5	2.63	4.00	2 : 1	177.46	-1.45	33.00	157.10	3.87	25-Apr-22	25 of Jan, Apr, Jul, Oct
MACO-W2		0.25	0.04	1.51	1.97	2.10	1 : 1	517.04	55.63	23.91	1,375.54	6.04	27-Aug-21	Last trading day of Mar, June, Sept, Dec
META-W4		0.15	0	1.39	1.22	3.50	1 : 1	N/A	162.59	30.40	91.07	9.27	26-Nov-20	29 Aug 19, 28 Nov 19, 27 Feb 20, 26 May 20, 2
MILL-W3		0.01	N/A	0.8	0.28	2.73	1 : 1.099	N/A	266.78	38.10	625.70	87.92	21-Dec-19	Last trading day of June, Dec

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	Market	Black Scholes											
MILL-W4	0.07	0.02	0.8	2.84	2.00	1 : 1.099	206.98	174.88	38.10	405.44	12.56	11-Jul-22	Last trading day of Mar, June, Sept, Dec
MILL-W5	0.03	0	0.8	0.84	1.75	1 : 1.03	N/A	125.92	38.10	905.04	27.47	10-Jul-20	Last trading day of Mar, June, Sept, Dec
MINT-W6	4.30	3.64	38.75	2.06	43.00	1 : 1	18.11	22.06	22.92	230.88	9.01	30-Sep-21	15th of Feb, May, Aug, Nov
MONO-W1	0.02	N/A	1.5	0.11	2.46	1 : 1.015	N/A	66.58	31.58	1,352.35	76.13	18-Oct-19	Last trading day of Mar, June, Sept, Dec
NCL-W3	0.06	N/A	1.15	0.24	2.40	1 : 1.5	N/A	170.87	32.51	64.88	28.75	06-Dec-19	28 Jun 19, 6 Dec 19
NEP-W3 <i>SP</i>	0.01	0	0.27	0.01	0.55	1 : 1	N/A	107.41	54.40	208.41	27.00	14-Sep-19	15th of Mar, June ,Sep, Dec
NEWS-W6	0.01	0.01	0.01	1.76	0.02	1 : 1	N/A	160.00	403.29	14,570.70	1.00	12-Jun-21	6 Jul 18, Last trading day of Jun, Dec
NFC-W1	1.76	0.88	3.62	2.26	6.48	1 : 1.00255	99.05	128.05	74.29	108.78	2.06	13-Dec-21	Last trading day of June, Dec
NOK-W1	0.19	N/A	2.16	0.72	3.19	1 : 1.5695	N/A	88.34	19.74	127.75	17.84	29-May-20	Last trading day of Mar, June, Sept, Dec
NPPG-W4	0.51	0.4	1.02	2.37	0.50	1 : 1	27.32	-0.98	28.71	749.60	2.00	20-Jan-22	Last trading day of Mar, June, Sept, Dec
NUSA-W3	0.18	0	0.38	0.44	1.00	1 : 1	N/A	210.53	54.07	693.94	2.11	18-Feb-20	Last trading day of May,Nov
NVD-W1	0.15	0	2.28	1.85	7.86	1 : 1.018	N/A	255.84	29.13	276.12	15.47	15-Jul-21	Last trading day of May,Nov
OCEAN-W3	0.49	0.26	1.15	2.43	1.00	1 : 1	91.01	29.57	40.85	603.22	2.35	13-Feb-22	13 Feb 2022
ORI-W1	0.94	0.19	8.15	1.06	13.33	1 : 1	383.26	75.13	42.37	609.86	8.67	30-Sep-20	Last trading day of Mar, June, Sept, Dec
PACE-W2	0.02	0.01	0.17	3.46	2.00	1 : 1	99.06	1088.24	74.74	2,460.22	8.50	22-Feb-23	21 Feb 20, Last trading day of Jun and Dec
PDI-W1	0.99	0	8.8	1.68	33.00	1 : 1	N/A	286.25	29.41	75.33	8.89	14-May-21	15 May, 15 Nov
PDJ-W3	0.52	0.55	1.57	0.41	1.00	1 : 1	-5.75	-3.18	26.92	25.59	3.02	07-Feb-20	7 Feb 20
PDJ-W4	0.57	0.56	1.57	1.42	1.00	1 : 1	1.93	0.00	26.92	51.19	2.75	07-Feb-21	7 Feb 21
PERM-W1	0.30	0.21	1.05	2.77	1.80	1 : 1	45.46	100.00	61.97	250.00	3.50	17-Jun-22	30 Sept 19, 17 Jun 22
PORT-W1	1.16	0.33	3.74	2.72	5.91	1 : 1.09999	251.36	97.91	35.67	46.00	3.55	27-May-22	Last trading day of June, Dec
PRIME-W1	0.04	0.01	0.39	1.29	1.08	1 : 1.3946	N/A	259.32	63.33	347.00	13.60	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PRIME-W2	0.04	0	0.39	1.29	1.53	1 : 1.3095	N/A	395.30	63.33	261.75	12.77	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PROUD-W2	0.44	0.16	1.44	0.82	1.53	1 : 1.174	179.03	43.45	35.78	31.68	3.84	06-Jul-20	Last trading day of Mar, June, Sept, Dec
RICHY-W2	0.06	N/A	1.12	0.81	2.25	1 : 1.22449	N/A	129.66	24.38	157.08	22.86	02-Jul-20	Last Trading day of Jan, Jul
RS-W3	5.00	4.05	16.9	0.70	12.44	1 : 1.0047	23.49	3.22	38.16	187.52	3.40	23-May-20	Last trading day of Apr, Oct

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	Market	Black Scholes											
SAMART-W2	0.67	0.23	8.7	1.69	14.80	1 : 1.014	193.98	78.91	34.18	335.43	13.17	17-May-21	16 Nov 18, ... every 6 months..., 17 May 21
SANKO-W1	0.18	0.04	0.96	1.14	1.00	1 : 1	371.34	22.92	17.62	93.41	5.33	30-Oct-20	19 Apr 19, 30 Oct 19, 29 Apr 20, 30 Oct 20
SAWAD-W1	8.60	14.17	57.75	0.72	48.48	1 : 1.237	-39.3	-1.44	34.84	39.95	8.31	29-May-20	Last trading day of May,Nov
SDC-W1	0.13	0.04	0.27	3.73	0.50	1 : 1	220.17	133.33	43.95	1,731.04	2.08	01-Jun-23	Last trading day of June, Dec
SIMAT-W2	0.21	N/A	1.43	0.69	13.32	1 : 1.1261	N/A	952.85	37.72	37.81	7.67	19-May-20	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W3	0.21	0	1.43	5.70	26.64	1 : 1.1261	N/A	2001.79	37.72	37.81	7.67	19-May-25	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W4	0.57	0.51	1.43	1.83	1.00	1 : 1	11.81	9.79	37.72	43.69	2.51	08-Jul-21	9 Jul 2021
SINGER-W1	2.76	2.54	8.65	1.62	7.00	1 : 1	8.58	12.83	47.42	65.75	3.13	23-Apr-21	Last trading day of Mar, June, Sept, Dec
SINGER-W2	2.12	1.73	8.65	3.62	14.00	1 : 1	22.63	86.36	47.42	65.75	4.08	21-Apr-23	Last trading day of Mar, June, Sept, Dec
SMT-W2	0.33	0.02	1.52	0.72	2.10	1 : 1	1861.74	59.87	28.14	209.12	4.61	29-May-20	Last trading day of Mar, Sept , Dec
SST-W2	1.43	0	4.56	2.06	10.00	1 : 1	N/A	150.66	19.86	30.39	3.19	30-Sep-21	Last trading day of June, Dec
STAR-W3	0.38	0.27	3	0.45	4.00	1 : 1	41.36	46.00	86.59	135.45	7.89	21-Feb-20	25 of Jun, Dec
SUPER-W4	0.04	0	0.66	0.98	2.50	1 : 1	N/A	284.85	38.94	5,469.68	16.50	31-Aug-20	Last trading day of Feb, May, Aug ,Nov
SVI-W3	1.31	0.13	3.82	0.55	4.44	1 : 1	913.75	50.52	29.78	31.00	2.92	26-Mar-20	15 of Jul
SWC-W1	3.02	0.77	4.22	2.58	1.00	1 : 1	294.69	-4.74	52.10	149.99	1.40	08-Apr-22	Last business day of every 6 month after the iss
TAKUNI-W	0.09	0	0.51	1.39	1.88	1 : 1.07	N/A	306.31	34.05	400.00	6.06	28-Jan-21	Last trading day of Dec
TCC-W3	0.08	0	0.28	2.56	0.81	1 : 1.23886	N/A	268.57	39.25	92.20	4.34	01-Apr-22	Last trading day of Mar, June, Sept, Dec
TCC-W4	0.08	0.01	0.28	3.68	0.90	1 : 1.10801	N/A	278.19	39.25	369.34	3.88	14-May-23	Last trading day of Mar, June, Sept, Dec
TCC-W5	0.21	0.09	0.28	8.71	0.50	1 : 1	131.63	153.57	39.25	98.41	1.33	24-May-28	Last trading day of Jul
TCJ-W2	0.38	0	4.54	0.74	9.80	1 : 1.02	N/A	126.80	20.70	31.53	12.19	05-Jun-20	Last trading day of Mar, June, Sept, Dec
TCMC-W2	0.06	0	2.34	0.22	4.00	1 : 1	N/A	73.50	40.70	254.40	39.00	30-Nov-19	Last trading day of Mar, Sept
TFG-W2	0.81	0.02	4.54	0.69	9.50	1 : 1	3369.16	127.09	45.46	510.81	5.60	18-May-20	Last trading day of June, Dec
TGPRO-W3	0.01	0.02	0.09	4.03	0.50	1 : 1	-39.53	466.67	81.38	1,944.51	9.00	20-Sep-23	Last trading day of Mar, June, Sept, Dec
THE-W2	0.01	0	1.56	0.61	3.50	4 : 1	N/A	125.00	36.00	2,191.76	156.00	17-Apr-20	Last trading day of Apr, Oct
TH-W2	0.16	0.01	0.69	0.77	1.00	1 : 1	N/A	68.12	33.52	321.67	4.31	16-Jun-20	Last Trading of June

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	Market	Black Scholes											
TNITY-W1	0.40	0.02	4.16	1.53	5.00	1 : 1	1747.27	29.81	15.74	97.28	10.40	19-Mar-21	Last trading day of Mar, June, Sept, Dec
TRITN-W3	0.17	0.08	0.31	1.72	0.25	1 : 1.00027	107.17	35.47	39.54	1,606.61	1.82	28-May-21	Last trading day of Mar, June, Sept, Dec
TTCL-W1	0.84	0.18	8.7	1.80	18.00	1 : 1	377.45	116.55	36.17	112.00	10.36	28-Jun-21	Last trading day of June, Dec
TVD-W2	0.38	0.22	1.3	1.56	1.00	1 : 1.002	70.02	6.01	25.43	162.48	3.43	02-Apr-21	Last trading day of June, Dec
TWZ-W5	0.01	0.01	0.08	0.39	0.10	1 : 1	-13.1	37.50	106.69	2,289.87	8.00	31-Jan-20	30 Jan 20
UAC-W2	0.51	0	3.08	0.81	5.55	1 : 1	N/A	96.75	19.73	66.76	6.04	30-Jun-20	Last trading day of Mar, June, Sept, Dec
UKEM-W2	0.39	0.06	0.53	0.51	0.50	1 : 1	554	67.92	32.30	103.01	1.36	14-Mar-20	Last trading day of May,Nov
U-W1	0.01	0	2.22	0.16	6.00	1 : 0.01	N/A	1.71	41.02	180,628.31	2.22	06-Nov-19	Last trading day of Mar, June, Sept, Dec
U-W4	0.01	0	2.22	3.52	6.00	1 : 0.01	N/A	1.71	41.02	141,895.49	2.22	15-Mar-23	Last trading day of Mar, June, Sept, Dec
VGI-W2	1.86	1.77	10	3.01	10.00	1 : 1	4.86	18.60	28.32	1,711.33	5.38	11-Sep-22	Last trading day of Mar, June, Sept, Dec
VIBHA-W2	1.10	1	2.04	0.76	1.00	1 : 1.00086	9.8	2.89	21.40	426.70	1.86	14-Jun-20	30th of Sep
VIBHA-W3	0.27	0.06	2.04	2.76	3.00	1 : 1.00086	317.63	60.20	21.40	1,011.78	7.56	14-Jun-22	30 Sep of each year
WAVE-W1	0.32	0	1.81	0.66	6.00	1 : 1	N/A	249.17	35.17	42.12	5.66	08-May-20	Last trading day of June, Dec
WHA-W1	14.80	15.4	4.92	0.48	3.42	1 : 10.2396	-3.88	2767.63	17.87	79.06	3.40	04-Mar-20	25 of Jun, Dec
WIJK-W2	0.17	N/A	1.27	2.32	4.22	1 : 1.185	N/A	291.21	27.17	124.97	8.85	02-Jan-22	Last Business Day of December of each year.
WORK-W1 <i>SP</i>	1.51	0	22.6	0.06	38.10	1 : 1	N/A	75.27	47.90	3.42	14.97	01-Oct-19	25th of Feb, May, Aug, Nov
ZMICO-W4	0.10	N/A	0.83	4.61	2.70	1 : 2	N/A	474.70	20.87	413.03	16.60	17-Apr-24	Last trading day of Mar, June, Sept, Dec